



COMUNE DI QUARRATA

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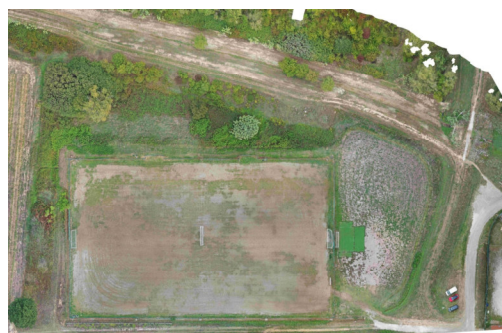
LAVORI DI "RIQUALIFICAZIONE E RISTRUTTURAZIONE DEL CAMPO SPORTIVO SUSSIDIARIO DELLO STADIO COMUNALE "F. Raciti" DI QUARRATA, CON REALIZZAZIONE DI NUOVI SPOGLIATOI E DI NUOVO MANTO IN ERBA SINTETICA

STRUTTURE
Relazione

Elaborato
STR_RA9.2

Scala -

R.U.P.
Arch. Francesco Tronci



Progetto Architettonico
Dr. Arch. PAOLO PETTENE
Dr. Arch. MARCO BIAGINI

Progetto Strutture
Dr. Ing. SARA MONTI

Progetto Impianti
Dr. Ing. MARCO MEONI
P.I. GIOVANNI MARTINI

Coordinamento della Sicurezza
Dr. Ing. ELENA DUCCI

Studi Geologici
Dr. Geol. GADDO MANNORI

PROGETTO ESECUTIVO

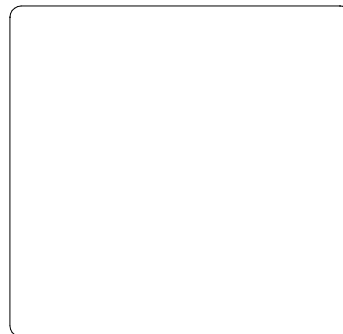
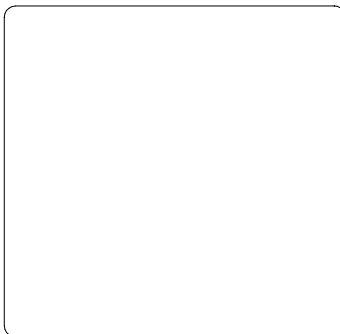
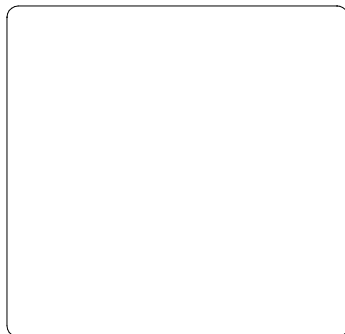
TIPO DI ELABORATO **FASCICOLO DEI CALCOLI
ELEMENTI IN C.A.**

ARCH. P. PETTENE & PARTNERS

Dott. Arch. Marco Biagini

D-SIDE STUDIO ASSOCIATI

MANNORI & ASSOCIATI



R.T.I.
MAGIA 2022
costituito da:

ARCHITETTO PAOLO PETTENE & PARTNERS S.T.P. S.R.L. (mandataria),
ARCH. MARCO BIAGINI (mandante),
D SIDE STUDIO Elena Ducci, Sara Monti, Marco Meoni Ingegneri e Giovanni Martini
Perito Industriale Associati (mandante),
MANNORI & ASSOCIATI Geologia Tecnica (mandante)

n° commessa

Responsabile progetto

Arch. PAOLO PETTENE

REV. 00

Redatto

data 02.05.2023

data

note



Intervento finanziato dall'Unione Europea - NEXT Generation EU

Finanziato
dall'Unione europea

INFORMAZIONI - ANALISI "_173" (Fase 1)

Equazioni..... 7002
Semibanda..... 1905
Numero blocchi..... 1
Zero algoritmico..... 9.3577e-07
Tempo totale analisi (sec)..... 0.20

SPOSTAMENTI NODALI "Torcente di piano SLV" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	4.1285e-03	-5.3821e-06	3.4018e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	2.3109e-03	1.6454e-07	4.3949e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.7026e-03	2.3150e-06	3.3265e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.6357e-03	-2.9713e-08	2.6337e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	4.7340e-04	5.3670e-07	1.0405e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	8.8297e-08	7.0141e-07	3.6884e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-4.7326e-04	5.3644e-07	-1.0404e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.6358e-03	-3.0899e-08	-2.6338e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.7032e-03	2.3139e-06	-3.3268e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-2.3117e-03	1.6687e-07	-4.3950e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.1257e-03	-5.3693e-06	-3.4010e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	7.5275e-04	-1.9278e-06	1.8019e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	7.2474e-04	-1.0449e-06	3.7174e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	5.9870e-04	-8.7365e-07	2.6413e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	4.2183e-04	-1.6855e-06	1.9987e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.9182e-04	-1.1900e-06	8.3739e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-5.1972e-09	-1.3453e-06	-8.0211e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.9183e-04	-1.1900e-06	-8.3740e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.2179e-04	-1.6854e-06	-1.9987e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-5.9864e-04	-8.7370e-07	-2.6413e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-7.2504e-04	-1.0456e-06	-3.7172e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-7.5122e-04	-1.9170e-06	-1.8026e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.8402e-03	8.2379e-06	4.3570e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.4835e-03	6.9183e-07	5.2506e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-2.7123e-03	-2.1433e-06	4.0158e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-2.4270e-03	1.5119e-06	3.1718e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-7.7353e-04	3.3694e-07	1.2531e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	5.7482e-08	2.8454e-07	-3.4735e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	7.7365e-04	3.3697e-07	-1.2532e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	2.4272e-03	1.5119e-06	-3.1719e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	2.7122e-03	-2.1461e-06	-4.0157e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	3.4817e-03	6.9586e-07	-5.2501e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	5.8460e-03	8.2627e-06	-4.3582e-05	0.0000e+00
34	2.2417e-01	-4.5864e-02	4.4880e-03	9.6504e-05	3.6173e-04	1.1737e-04
35	2.2417e-01	5.3076e-03	1.0685e-03	-1.2026e-05	1.3837e-04	1.1737e-04
36	2.2417e-01	4.0987e-02	-6.5775e-03	-8.5534e-05	3.0351e-04	1.1737e-04
37	1.7722e-01	-4.5864e-02	2.7346e-03	7.2367e-05	2.8433e-04	1.1737e-04
38	1.2558e-01	-4.5864e-02	1.9226e-03	6.7648e-05	2.0066e-04	1.1737e-04
39	9.2719e-02	-4.5864e-02	1.8896e-03	6.8023e-05	1.4822e-04	1.1737e-04
40	4.1078e-02	-4.5864e-02	5.3965e-04	7.2488e-05	6.5650e-05	1.1737e-04
41	-2.0409e-07	-4.5864e-02	1.1966e-07	6.7957e-05	-2.1958e-10	1.1737e-04
42	-4.1078e-02	-4.5864e-02	-5.3946e-04	7.2488e-05	-6.5650e-05	1.1737e-04
43	-9.2719e-02	-4.5864e-02	-1.8898e-03	6.8023e-05	-1.4822e-04	1.1737e-04
44	-1.2558e-01	-4.5864e-02	-1.9234e-03	6.7648e-05	-2.0066e-04	1.1737e-04
45	-1.7722e-01	-4.5864e-02	-2.7359e-03	7.2370e-05	-2.8433e-04	1.1737e-04
46	-2.2417e-01	-4.5864e-02	-4.4843e-03	9.6512e-05	-3.6173e-04	1.1737e-04
47	1.7722e-01	5.3076e-03	9.6613e-04	-9.1606e-06	1.0488e-04	1.1737e-04
48	1.2558e-01	5.3076e-03	7.7464e-04	-8.7150e-06	7.4793e-05	1.1737e-04
49	9.2719e-02	5.3076e-03	5.3903e-04	-8.5903e-06	5.6382e-05	1.1737e-04
50	4.1078e-02	5.3076e-03	2.5077e-04	-9.2832e-06	2.4236e-05	1.1737e-04
51	-2.0409e-07	5.3076e-03	-4.3803e-09	-8.6506e-06	-1.2373e-10	1.1737e-04
52	-4.1078e-02	5.3076e-03	-2.5078e-04	-9.2831e-06	-2.4236e-05	1.1737e-04
53	-9.2719e-02	5.3076e-03	-5.3900e-04	-8.5902e-06	-5.6383e-05	1.1737e-04
54	-1.2558e-01	5.3076e-03	-7.7458e-04	-8.7154e-06	-7.4793e-05	1.1737e-04
55	-1.7722e-01	5.3076e-03	-9.6645e-04	-9.1583e-06	-1.0488e-04	1.1737e-04
56	-2.2417e-01	5.3076e-03	-1.0669e-03	-1.2027e-05	-1.3837e-04	1.1737e-04
57	1.7722e-01	4.0987e-02	-4.1027e-03	-6.3601e-05	2.3702e-04	1.1737e-04
58	1.2558e-01	4.0987e-02	-3.0936e-03	-5.9556e-05	1.6792e-04	1.1737e-04
59	9.2719e-02	4.0987e-02	-2.7894e-03	-6.0040e-05	1.2448e-04	1.1737e-04
60	4.1078e-02	4.0987e-02	-8.9517e-04	-6.3781e-05	5.4798e-05	1.1737e-04

61	-2.0409e-07	4.0987e-02	7.3369e-08	-5.9887e-05	-4.1657e-10	1.1737e-04
62	-4.1078e-02	4.0987e-02	8.9532e-04	-6.3780e-05	-5.4799e-05	1.1737e-04
63	-9.2719e-02	4.0987e-02	2.7897e-03	-6.0039e-05	-1.2448e-04	1.1737e-04
64	-1.2558e-01	4.0987e-02	3.0936e-03	-5.9557e-05	-1.6792e-04	1.1737e-04
65	-1.7722e-01	4.0987e-02	4.0998e-03	-6.3594e-05	-2.3702e-04	1.1737e-04
66	-2.2417e-01	4.0987e-02	6.5853e-03	-8.5532e-05	-3.0353e-04	1.1737e-04
67	0.0000e+00	0.0000e+00	5.4500e-03	-6.4654e-06	2.6325e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	3.9271e-03	-6.3024e-07	3.1820e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	2.9485e-03	1.8885e-06	2.4753e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	2.6290e-03	-1.6308e-06	1.9741e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	8.6080e-04	-5.3848e-07	7.6836e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	1.0460e-07	-4.5693e-07	3.5982e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.6065e-04	-5.3878e-07	-7.6832e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-2.6292e-03	-1.6321e-06	-1.9742e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-2.9492e-03	1.8873e-06	-2.4755e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-3.9281e-03	-6.2742e-07	-3.1821e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-5.4469e-03	-6.4516e-06	-2.6320e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	-1.1768e-03	-6.2754e-06	6.1207e-06	0.0000e+00
1895	0.0000e+00	0.0000e+00	3.9318e-05	-1.4493e-07	1.0116e-05	0.0000e+00
1896	0.0000e+00	0.0000e+00	-6.7933e-05	2.2821e-07	9.0601e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-7.4216e-05	-1.2520e-07	7.3132e-06	0.0000e+00
1898	0.0000e+00	0.0000e+00	-1.6832e-05	-8.3818e-09	3.1669e-06	0.0000e+00
1899	0.0000e+00	0.0000e+00	-1.2613e-07	-2.1734e-08	-2.5816e-09	0.0000e+00
1900	0.0000e+00	0.0000e+00	1.6610e-05	-8.6705e-09	-3.1698e-06	0.0000e+00
1901	0.0000e+00	0.0000e+00	7.4535e-05	-1.2803e-07	-7.3086e-06	0.0000e+00
1902	0.0000e+00	0.0000e+00	6.8791e-05	2.3071e-07	-9.0540e-06	0.0000e+00
1903	0.0000e+00	0.0000e+00	-4.3092e-05	-1.4663e-07	-1.0163e-05	0.0000e+00
1904	0.0000e+00	0.0000e+00	1.1844e-03	-6.3182e-06	-6.0495e-06	0.0000e+00
1905	0.0000e+00	0.0000e+00	2.5091e-03	1.3470e-05	2.2529e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-1.1777e-04	3.7347e-07	1.2485e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	1.6183e-05	-1.5723e-07	6.3706e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	2.2141e-05	5.3723e-08	3.9919e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	4.0324e-06	5.5574e-09	1.4963e-06	0.0000e+00
1910	0.0000e+00	0.0000e+00	-8.2552e-08	1.5214e-08	3.1927e-09	0.0000e+00
1911	0.0000e+00	0.0000e+00	-4.1693e-06	5.4462e-09	-1.4881e-06	0.0000e+00
1912	0.0000e+00	0.0000e+00	-2.2498e-05	5.4777e-08	-3.9784e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-1.6591e-05	-1.5908e-07	-6.3509e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	1.1946e-04	3.7518e-07	-1.2449e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	-2.5198e-03	1.3527e-05	-2.2464e-05	0.0000e+00
1916	7.0001e-03	-6.2334e-03	-4.7056e-03	9.4886e-05	-1.7729e-06	6.3155e-05
1917	-2.7829e-03	5.4993e-03	7.4521e-03	3.2621e-05	-2.9137e-05	1.9605e-05
1918	-2.4094e-03	3.4658e-03	3.6300e-03	3.9840e-05	-3.6283e-05	2.0960e-05
1919	7.2415e-03	1.6082e-02	2.3904e-03	2.1464e-05	-1.6545e-05	7.1281e-05
1920	-1.5152e-03	1.9647e-03	-4.1699e-04	3.1607e-05	-3.2566e-05	3.7335e-05
1921	-4.3912e-04	-2.7443e-03	-3.6335e-03	5.7939e-05	-1.3087e-05	8.0057e-05
1922	-7.1153e-04	-7.2025e-03	-2.5021e-03	1.0893e-04	1.5001e-05	6.1596e-05
1923	-1.9610e-03	-6.0863e-03	-3.6236e-04	9.3561e-05	1.7912e-05	6.2528e-05
1924	-2.9741e-03	-7.3935e-03	1.3072e-03	8.0017e-05	6.8138e-06	7.7335e-05
1925	3.4606e-03	5.4075e-03	-3.6965e-04	7.8759e-06	-9.8861e-06	1.7210e-05
1926	-2.8370e-03	-7.3839e-03	1.3343e-03	8.9918e-05	-1.1747e-05	5.7354e-05
1927	6.9739e-03	2.9539e-02	-1.2505e-03	3.6007e-05	-2.1922e-05	1.7227e-05
1928	-4.3541e-03	2.9548e-02	1.5576e-03	3.2447e-05	-2.5347e-05	1.9657e-05
1929	-1.1686e-03	2.9501e-02	9.8328e-04	3.3532e-05	-1.7484e-05	1.8787e-05
1930	-7.0128e-04	2.9479e-02	8.7467e-04	3.3852e-05	-1.5681e-05	1.8403e-05
1931	-3.3681e-04	2.9458e-02	2.8538e-04	3.4018e-05	-5.0622e-06	1.8071e-05
1932	-3.1408e-05	2.9455e-02	3.4334e-08	3.4156e-05	-2.8711e-09	1.7949e-05
1933	2.6187e-04	2.9464e-02	-2.8520e-04	3.4353e-05	5.0547e-06	1.7965e-05
1934	5.8658e-04	2.9491e-02	-8.7456e-04	3.4685e-05	1.5670e-05	1.8132e-05
1935	9.9087e-04	2.9517e-02	-9.8272e-04	3.4803e-05	1.7462e-05	1.8362e-05
1936	4.3652e-03	2.9572e-02	-1.5344e-03	3.4643e-05	2.5031e-05	1.8915e-05
1937	-7.3034e-03	2.9632e-02	1.2690e-03	3.0832e-05	2.1399e-05	2.1953e-05
1938	4.0980e-04	-4.2494e-03	4.2433e-03	9.5523e-05	-2.0405e-06	9.3383e-05
1939	3.7665e-03	2.3960e-02	-6.5965e-03	-3.4924e-05	-2.0357e-05	4.5782e-05
1940	-6.3809e-03	-4.8011e-03	2.8435e-03	7.7387e-05	8.8956e-06	8.1159e-05
1941	-3.7636e-03	-5.1679e-03	1.9539e-03	6.2856e-05	4.9979e-06	7.2307e-05
1942	-3.1574e-03	-5.3365e-03	1.9042e-03	5.6744e-05	3.9412e-06	6.8571e-05
1943	-1.1012e-03	-5.5023e-03	5.4654e-04	5.1299e-05	1.3564e-06	6.5236e-05
1944	-4.1275e-08	-5.5540e-03	2.5662e-07	5.0043e-05	-5.3046e-08	6.4355e-05
1945	1.1038e-03	-5.5287e-03	-5.4611e-04	5.1628e-05	-1.4933e-06	6.5154e-05
1946	3.1722e-03	-5.3961e-03	-1.9044e-03	5.7501e-05	-4.1904e-06	6.8433e-05
1947	3.8101e-03	-5.2465e-03	-1.9558e-03	6.3970e-05	-5.4788e-06	7.2184e-05
1948	6.2391e-03	-4.9181e-03	-2.8469e-03	7.8617e-05	-6.6839e-06	8.1064e-05

1949 -1.9267e-04 -5.1137e-03 -4.2362e-03 7.5970e-05 -4.4398e-07 7.8159e-05
1950 -7.7684e-03 2.3982e-02 -4.0329e-03 -4.4638e-05 -2.3691e-06 5.1922e-05
1951 -3.6310e-03 2.4035e-02 -3.0726e-03 -4.1034e-05 -7.8015e-06 5.2872e-05
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2023	-3.4088e-03	5.7855e-03	-4.9788e-04	2.8959e-05	1.0741e-05	-7.6889e-07
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2025	6.3422e-03	5.5324e-03	-2.9776e-03	3.8670e-05	-5.8204e-06	1.2087e-05
2026	-3.5855e-03	2.2992e-03	1.2984e-03	1.8213e-05	6.6502e-06	4.8424e-05
2027	-3.7184e-03	-2.8449e-03	1.7999e-03	4.6077e-05	5.1532e-06	7.5575e-05
2028	-3.9073e-03	-7.1807e-03	2.4084e-03	9.2922e-05	3.7527e-06	5.5615e-05
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2030	-3.8226e-03	-7.4184e-03	2.3785e-03	7.1221e-05	-6.5983e-06	6.6192e-05
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2034	-2.4596e-03	2.4661e-02	-1.8456e-03	-1.4407e-05	-1.2672e-05	1.3792e-05
2035	-2.9951e-03	1.6472e-02	-2.9981e-03	1.5648e-05	8.1033e-07	7.1675e-05
2036	-2.9430e-03	2.3487e-02	-2.8434e-03	-3.4652e-05	-6.1070e-06	6.2046e-05
2037	-2.8944e-03	9.9614e-03	-2.5664e-03	4.1903e-05	5.9066e-06	4.8269e-05
2038	-2.7923e-03	5.8811e-03	-1.7295e-03	5.3789e-05	9.0535e-06	1.6678e-05
2039	-6.0709e-03	2.6189e-02	2.9753e-03	2.3100e-05	2.1496e-05	2.3323e-05
2040	-2.7511e-03	5.7552e-03	-5.8648e-04	2.6101e-05	9.8918e-06	-4.2798e-06
2041	-2.8110e-03	5.6907e-03	4.0909e-04	8.2673e-07	8.7420e-06	1.6345e-05
2042	6.3141e-03	4.1728e-03	-3.0528e-03	3.5492e-05	-7.1335e-07	2.1002e-05
2043	-2.9577e-03	2.2909e-03	1.2121e-03	1.1289e-05	6.7832e-06	4.9782e-05
2044	-3.1112e-03	-3.0561e-03	1.7559e-03	4.0105e-05	4.6566e-06	7.3522e-05
2045	-3.2480e-03	-7.2153e-03	2.1889e-03	8.5712e-05	2.1683e-06	5.1270e-05
2046	-3.2655e-03	-6.5127e-03	2.2394e-03	7.6569e-05	-1.7262e-06	5.1530e-05
2047	-3.0376e-03	-7.4201e-03	1.9361e-03	6.8027e-05	-6.1323e-06	6.2434e-05
2048	3.8952e-03	-7.4079e-03	-2.4377e-03	7.1188e-05	6.6886e-06	6.6166e-05
2049	-2.4780e-03	-7.1925e-03	1.3049e-03	7.7674e-05	-1.0223e-05	4.7133e-05
2050	-6.3805e-04	2.6298e-02	-1.3129e-04	2.3849e-05	-5.0185e-06	1.3850e-05
2051	-9.0364e-04	2.4795e-02	-5.9144e-04	-1.4682e-05	-4.0832e-06	1.4144e-05
2052	-1.0760e-03	1.6539e-02	-9.6234e-04	1.4952e-05	2.6152e-07	7.2056e-05
2053	-1.0592e-03	2.3500e-02	-9.1257e-04	-3.3444e-05	-1.9670e-06	6.1997e-05
2054	-1.0435e-03	9.8883e-03	-8.2323e-04	4.2179e-05	1.9025e-06	5.0092e-05
2055	-1.0106e-03	5.6764e-03	-5.5378e-04	5.4422e-05	2.9128e-06	1.6591e-05
2056	-4.9756e-03	2.3837e-02	4.8726e-03	-1.6712e-05	2.1908e-05	1.4427e-05
2057	-9.9182e-04	5.7150e-03	-1.8039e-04	2.3671e-05	3.0714e-06	-6.6864e-06
2058	-1.0034e-03	5.8426e-03	1.1235e-04	-5.4180e-06	2.5881e-06	1.5347e-05
2059	6.2686e-03	2.0259e-03	-2.8585e-03	3.7368e-05	5.4802e-09	4.2109e-05
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2061	-1.0873e-03	-3.2588e-03	5.0077e-04	3.4759e-05	1.4771e-06	7.1748e-05
2062	-1.1369e-03	-7.2582e-03	6.5888e-04	7.9314e-05	9.2046e-07	4.7323e-05
2063	-1.1585e-03	-6.6027e-03	7.0144e-04	7.1870e-05	-3.0962e-07	4.8241e-05
2064	-1.0991e-03	-7.4219e-03	6.2596e-04	6.5034e-05	-1.8329e-06	5.8912e-05
2065	3.2259e-03	-7.2755e-03	-1.6947e-03	7.9947e-05	1.2866e-05	5.0146e-05
2066	-9.2271e-04	-7.1338e-03	4.2886e-04	7.5457e-05	-3.3241e-06	4.4707e-05
2067	-3.1671e-05	2.6303e-02	-3.4234e-07	2.3875e-05	-2.3656e-09	1.3501e-05
2068	5.6245e-04	2.6295e-02	1.3051e-04	2.4143e-05	5.0122e-06	1.3626e-05
2069	-3.1914e-05	2.4830e-02	-7.8435e-07	-1.4622e-05	9.1855e-09	1.4239e-05
2070	8.2742e-04	2.4796e-02	5.8954e-04	-1.4297e-05	4.1051e-06	1.4152e-05
2071	-2.9661e-05	1.6546e-02	5.4494e-06	1.4955e-05	6.7372e-08	7.2241e-05
2072	1.0052e-03	1.6509e-02	9.7552e-04	1.5392e-05	-9.7005e-08	7.2208e-05
2073	-3.1288e-05	2.3494e-02	5.4375e-07	-3.2896e-05	3.5448e-08	6.1925e-05
2074	9.8449e-04	2.3467e-02	9.1386e-04	-3.2733e-05	2.0530e-06	6.1862e-05
2075	-2.7742e-05	9.8500e-03	1.3626e-05	4.2559e-05	9.9036e-08	5.0102e-05
2076	9.7744e-04	9.8282e-03	8.5640e-04	4.2971e-05	-1.6589e-06	4.9378e-05
2077	-2.6368e-05	5.6672e-03	2.4854e-05	5.3839e-05	1.2964e-07	1.6615e-05
2078	9.4794e-04	5.7192e-03	6.1461e-04	5.3348e-05	-2.5918e-06	1.6699e-05
2079	-3.2195e-03	1.5309e-02	9.0945e-03	2.0690e-05	1.6201e-05	7.2151e-05
2080	-2.8210e-03	9.8201e-03	1.0454e-02	3.6788e-05	3.3454e-06	3.2092e-05
2081	-1.7088e-05	5.6876e-03	4.9521e-05	2.3284e-05	-7.7521e-09	-7.1049e-06
2082	9.5231e-04	5.6601e-03	3.0260e-04	2.4288e-05	-3.0915e-06	-6.7011e-06
2083	-6.2489e-06	5.8968e-03	2.4497e-05	-7.4342e-06	-1.4206e-07	1.4958e-05
2084	9.9096e-04	5.8895e-03	-5.2631e-05	-6.6497e-06	-2.9404e-06	1.5057e-05
2085	6.2405e-03	-2.5131e-03	-2.7885e-03	6.1644e-05	-3.7620e-06	8.0479e-05
2086	6.5746e-03	-7.2137e-03	-3.9354e-03	1.1100e-04	-8.4952e-06	6.5720e-05
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2090	1.0879e-03	-3.2948e-03	-4.9442e-04	3.5186e-05	-1.6528e-06	7.1529e-05
2091	5.9632e-07	-7.2768e-03	-1.4549e-06	7.7782e-05	-2.8150e-08	4.6331e-05
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2094	1.1649e-03	-6.6107e-03	-7.0894e-04	7.2020e-05	2.9126e-07	4.8178e-05
2095	7.6771e-07	-7.4217e-03	-1.5214e-06	6.4288e-05	5.9974e-09	5.8023e-05
2096	1.1048e-03	-7.4191e-03	-6.3228e-04	6.5017e-05	1.8503e-06	5.8898e-05
2097	5.8856e-03	2.6214e-02	5.7310e-04	2.6311e-05	2.4681e-05	1.7753e-05
2098	7.2317e-03	2.4190e-02	2.9124e-03	-1.1090e-05	1.6476e-05	1.2441e-05
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2104	2.8287e-03	2.3409e-02	2.8454e-03	-3.2899e-05	6.2453e-06	6.1687e-05
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2106	2.6975e-03	5.8671e-03	1.8285e-03	5.3106e-05	-8.5185e-06	1.6718e-05
2107	-2.7983e-03	7.1573e-03	1.0011e-02	3.7644e-05	-1.3702e-05	1.6501e-05
2108	2.6958e-03	5.6196e-03	7.8890e-04	2.7496e-05	-9.9292e-06	-4.3106e-06
2109	2.8018e-03	5.6886e-03	-3.1296e-04	-2.1202e-07	-9.3324e-06	1.6049e-05
2110	7.7480e-03	2.3279e-02	3.9469e-03	-3.4773e-05	-1.9323e-06	6.1175e-05
2111	2.9584e-03	2.1604e-03	-1.1669e-03	1.2456e-05	-7.2257e-06	5.0764e-05
2112	3.1226e-03	-3.1350e-03	-1.7462e-03	4.1072e-05	-4.9572e-06	7.3138e-05
2113	3.2671e-03	-7.2614e-03	-2.2016e-03	8.6231e-05	-2.3340e-06	5.1279e-05
2114	3.2898e-03	-6.5311e-03	-2.2601e-03	7.6914e-05	1.6731e-06	5.1384e-05
2115	3.0614e-03	-7.4131e-03	-1.9563e-03	6.7983e-05	6.1724e-06	6.2398e-05
2116	-3.9616e-03	2.3215e-02	6.9295e-03	-4.5591e-05	2.1619e-05	6.8697e-05
2117	2.4961e-03	-7.2058e-03	-1.3186e-03	7.7802e-05	1.0330e-05	4.7463e-05
2118	2.0303e-03	2.6251e-02	4.5495e-04	2.5361e-05	1.7318e-05	1.5327e-05
2119	2.9472e-03	2.4522e-02	2.0437e-03	-1.2703e-05	1.4100e-05	1.3391e-05
2120	3.5426e-03	1.6305e-02	3.3247e-03	1.8028e-05	-7.9230e-07	7.1645e-05
2121	3.4846e-03	2.3362e-02	3.1528e-03	-3.3391e-05	6.8081e-06	6.1539e-05
2122	3.4342e-03	9.8191e-03	2.8597e-03	4.4749e-05	-6.2379e-06	4.4995e-05
2123	3.3258e-03	6.0951e-03	1.9719e-03	5.2137e-05	-9.3913e-06	1.6663e-05
2124	-2.0409e-07	-2.1320e-03	0.0000e+00	0.0000e+00	0.0000e+00	1.1737e-04
2125	3.3341e-03	5.5889e-03	8.4517e-04	3.0955e-05	-1.0812e-05	-8.1020e-07

SPOSTAMENTI NODALI "Torcente di piano SLD" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.8819e-03	-2.4533e-06	1.5506e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	1.0533e-03	7.4999e-08	2.0033e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	7.7608e-04	1.0552e-06	1.5163e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	7.4557e-04	-1.3544e-08	1.2005e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	2.1578e-04	2.4464e-07	4.7426e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	4.0247e-08	3.1972e-07	1.6812e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-2.1572e-04	2.4452e-07	-4.7424e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-7.4564e-04	-1.4085e-08	-1.2005e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-7.7635e-04	1.0547e-06	-1.5164e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-1.0537e-03	7.6061e-08	-2.0033e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.8806e-03	-2.4474e-06	-1.5502e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	3.4312e-04	-8.7873e-07	8.2133e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	3.3035e-04	-4.7630e-07	1.6945e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	2.7290e-04	-3.9823e-07	1.2040e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	1.9228e-04	-7.6830e-07	9.1105e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	8.7437e-05	-5.4244e-07	3.8170e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-2.3690e-09	-6.1323e-07	-3.6562e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-8.7440e-05	-5.4244e-07	-3.8170e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.9226e-04	-7.6822e-07	-9.1106e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.7287e-04	-3.9825e-07	-1.2040e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-3.3049e-04	-4.7659e-07	-1.6944e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.4242e-04	-8.7380e-07	-8.2167e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-2.6621e-03	3.7550e-06	1.9860e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.5879e-03	3.1535e-07	2.3933e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.2363e-03	-9.7698e-07	1.8305e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.1063e-03	6.8915e-07	1.4458e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.5259e-04	1.5358e-07	5.7120e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	2.6201e-08	1.2970e-07	-1.5833e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	3.5264e-04	1.5360e-07	-5.7123e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	1.1063e-03	6.8915e-07	-1.4458e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.2363e-03	-9.7825e-07	-1.8304e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.5870e-03	3.1719e-07	-2.3931e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	2.6647e-03	3.7663e-06	-1.9866e-05	0.0000e+00
34	1.0218e-01	-2.0906e-02	2.0457e-03	4.3989e-05	1.6488e-04	5.3498e-05
35	1.0218e-01	2.4193e-03	4.8704e-04	-5.4817e-06	6.3069e-05	5.3498e-05

36	1.0218e-01	1.8683e-02	-2.9982e-03	-3.8988e-05	1.3835e-04	5.3498e-05
37	8.0781e-02	-2.0906e-02	1.2465e-03	3.2987e-05	1.2960e-04	5.3498e-05
38	5.7242e-02	-2.0906e-02	8.7636e-04	3.0835e-05	9.1466e-05	5.3498e-05
39	4.2263e-02	-2.0906e-02	8.6134e-04	3.1006e-05	6.7563e-05	5.3498e-05
40	1.8724e-02	-2.0906e-02	2.4598e-04	3.3041e-05	2.9924e-05	5.3498e-05
41	-9.3029e-08	-2.0906e-02	5.4543e-08	3.0976e-05	-1.0009e-10	5.3498e-05
42	-1.8724e-02	-2.0906e-02	-2.4590e-04	3.3041e-05	-2.9925e-05	5.3498e-05
43	-4.2263e-02	-2.0906e-02	-8.6141e-04	3.1006e-05	-6.7563e-05	5.3498e-05
44	-5.7243e-02	-2.0906e-02	-8.7674e-04	3.0835e-05	-9.1467e-05	5.3498e-05
45	-8.0782e-02	-2.0906e-02	-1.2471e-03	3.2988e-05	-1.2960e-04	5.3498e-05
46	-1.0218e-01	-2.0906e-02	-2.0440e-03	4.3992e-05	-1.6488e-04	5.3498e-05
47	8.0781e-02	2.4193e-03	4.4038e-04	-4.1756e-06	4.7808e-05	5.3498e-05
48	5.7242e-02	2.4193e-03	3.5310e-04	-3.9725e-06	3.4092e-05	5.3498e-05
49	4.2263e-02	2.4193e-03	2.4570e-04	-3.9156e-06	2.5700e-05	5.3498e-05
50	1.8724e-02	2.4193e-03	1.1431e-04	-4.2314e-06	1.1047e-05	5.3498e-05
51	-9.3029e-08	2.4193e-03	-1.9966e-09	-3.9431e-06	-5.6400e-11	5.3498e-05
52	-1.8724e-02	2.4193e-03	-1.1431e-04	-4.2314e-06	-1.1047e-05	5.3498e-05
53	-4.2263e-02	2.4193e-03	-2.4569e-04	-3.9156e-06	-2.5700e-05	5.3498e-05
54	-5.7243e-02	2.4193e-03	-3.5307e-04	-3.9726e-06	-3.4092e-05	5.3498e-05
55	-8.0782e-02	2.4193e-03	-4.4053e-04	-4.1745e-06	-4.7806e-05	5.3498e-05
56	-1.0218e-01	2.4193e-03	-4.8632e-04	-5.4820e-06	-6.3073e-05	5.3498e-05
57	8.0781e-02	1.8683e-02	-1.8701e-03	-2.8990e-05	1.0804e-04	5.3498e-05
58	5.7242e-02	1.8683e-02	-1.4101e-03	-2.7147e-05	7.6541e-05	5.3498e-05
59	4.2263e-02	1.8683e-02	-1.2715e-03	-2.7367e-05	5.6742e-05	5.3498e-05
60	1.8724e-02	1.8683e-02	-4.0804e-04	-2.9072e-05	2.4978e-05	5.3498e-05
61	-9.3029e-08	1.8683e-02	3.3443e-08	-2.7298e-05	-1.8988e-10	5.3498e-05
62	-1.8724e-02	1.8683e-02	4.0811e-04	-2.9072e-05	-2.4978e-05	5.3498e-05
63	-4.2263e-02	1.8683e-02	1.2716e-03	-2.7367e-05	-5.6742e-05	5.3498e-05
64	-5.7243e-02	1.8683e-02	1.4101e-03	-2.7147e-05	-7.6541e-05	5.3498e-05
65	-8.0782e-02	1.8683e-02	1.8688e-03	-2.8988e-05	-1.0804e-04	5.3498e-05
66	-1.0218e-01	1.8683e-02	3.0017e-03	-3.8987e-05	-1.3835e-04	5.3498e-05
67	0.0000e+00	0.0000e+00	2.4842e-03	-2.9470e-06	1.1999e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.7901e-03	-2.8728e-07	1.4504e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.3440e-03	8.6083e-07	1.1283e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.1984e-03	-7.4334e-07	8.9985e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	3.9237e-04	-2.4545e-07	3.5023e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	4.7680e-08	-2.0828e-07	1.6402e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-3.9230e-04	-2.4559e-07	-3.5022e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-1.1985e-03	-7.4395e-07	-8.9989e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.3443e-03	8.6025e-07	-1.1284e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.7905e-03	-2.8599e-07	-1.4505e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-2.4828e-03	-2.9408e-06	-1.1997e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	-5.3643e-04	-2.8604e-06	2.7899e-06	0.0000e+00
1895	0.0000e+00	0.0000e+00	1.7922e-05	-6.6063e-08	4.6112e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	-3.0965e-05	1.0402e-07	4.1298e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-3.3829e-05	-5.7069e-08	3.3335e-06	0.0000e+00
1898	0.0000e+00	0.0000e+00	-7.6725e-06	-3.8206e-09	1.4435e-06	0.0000e+00
1899	0.0000e+00	0.0000e+00	-5.7492e-08	-9.9069e-09	-1.1768e-09	0.0000e+00
1900	0.0000e+00	0.0000e+00	7.5712e-06	-3.9522e-09	-1.4449e-06	0.0000e+00
1901	0.0000e+00	0.0000e+00	3.3974e-05	-5.8359e-08	-3.3314e-06	0.0000e+00
1902	0.0000e+00	0.0000e+00	3.1356e-05	1.0516e-07	-4.1270e-06	0.0000e+00
1903	0.0000e+00	0.0000e+00	-1.9642e-05	-6.6837e-08	-4.6326e-06	0.0000e+00
1904	0.0000e+00	0.0000e+00	5.3987e-04	-2.8800e-06	-2.7575e-06	0.0000e+00
1905	0.0000e+00	0.0000e+00	1.1437e-03	6.1397e-06	1.0269e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-5.3681e-05	1.7023e-07	5.6911e-06	0.0000e+00
1907	0.0000e+00	0.0000e+00	7.3764e-06	-7.1668e-08	2.9038e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	1.0092e-05	2.4488e-08	1.8196e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	1.8380e-06	2.5332e-09	6.8203e-07	0.0000e+00
1910	0.0000e+00	0.0000e+00	-3.7629e-08	6.9348e-09	1.4553e-09	0.0000e+00
1911	0.0000e+00	0.0000e+00	-1.9005e-06	2.4825e-09	-6.7832e-07	0.0000e+00
1912	0.0000e+00	0.0000e+00	-1.0255e-05	2.4969e-08	-1.8134e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-7.5623e-06	-7.2510e-08	-2.8949e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	5.4454e-05	1.7102e-07	-5.6743e-06	0.0000e+00
1915	0.0000e+00	0.0000e+00	-1.1486e-03	6.1658e-06	-1.0240e-05	0.0000e+00
1916	3.1908e-03	-2.8413e-03	-2.1449e-03	4.3251e-05	-8.0810e-07	2.8787e-05
1917	-1.2685e-03	2.5067e-03	3.3968e-03	1.4869e-05	-1.3281e-05	8.9362e-06
1918	-1.0982e-03	1.5798e-03	1.6546e-03	1.8160e-05	-1.6538e-05	9.5539e-06
1919	3.3008e-03	7.3307e-03	1.0896e-03	9.7838e-06	-7.5417e-06	3.2491e-05
1920	-6.9064e-04	8.9554e-04	-1.9007e-04	1.4407e-05	-1.4844e-05	1.7018e-05
1921	-2.0016e-04	-1.2509e-03	-1.6562e-03	2.6410e-05	-5.9653e-06	3.6492e-05
1922	-3.2433e-04	-3.2830e-03	-1.1405e-03	4.9655e-05	6.8379e-06	2.8077e-05
1923	-8.9388e-04	-2.7743e-03	-1.6517e-04	4.2647e-05	8.1646e-06	2.8501e-05

1924 -1.3557e-03 -3.3701e-03 5.9584e-04 3.6473e-05 3.1059e-06 3.5251e-05
1925 1.5774e-03 2.4649e-03 -1.6849e-04 3.5900e-06 -4.5063e-06 7.8446e-06
1926 -1.2932e-03 -3.3657e-03 6.0819e-04 4.0986e-05 -5.3545e-06 2.6143e-05
1927 3.1789e-03 1.3465e-02 -5.7000e-04 1.6413e-05 -9.9926e-06 7.8522e-06
1928 -1.9847e-03 1.3469e-02 7.0997e-04 1.4790e-05 -1.1554e-05 8.9600e-06
1929 -5.3267e-04 1.3447e-02 4.4820e-04 1.5284e-05 -7.9694e-06 8.5634e-06
1930 -3.1966e-04 1.3437e-02 3.9869e-04 1.5430e-05 -7.1477e-06 8.3885e-06
1931 -1.5352e-04 1.3428e-02 1.3008e-04 1.5506e-05 -2.3074e-06 8.2372e-06
1932 -1.4317e-05 1.3426e-02 1.5650e-08 1.5569e-05 -1.3087e-09 8.1814e-06
1933 1.1937e-04 1.3430e-02 -1.3000e-04 1.5659e-05 2.3040e-06 8.1889e-06
1934 2.6738e-04 1.3442e-02 -3.9864e-04 1.5810e-05 7.1426e-06 8.2649e-06
1935 4.5166e-04 1.3455e-02 -4.4794e-04 1.5864e-05 7.9593e-06 8.3698e-06
1936 1.9897e-03 1.3480e-02 -6.9943e-04 1.5791e-05 1.1410e-05 8.6218e-06
1937 -3.3290e-03 1.3507e-02 5.7845e-04 1.4054e-05 9.7539e-06 1.0007e-05
1938 1.8679e-04 -1.9370e-03 1.9342e-03 4.3541e-05 -9.3012e-07 4.2566e-05
1939 1.7168e-03 1.0921e-02 -3.0068e-03 -1.5919e-05 -9.2790e-06 2.0868e-05
1940 -2.9085e-03 -2.1884e-03 1.2961e-03 3.5274e-05 4.0548e-06 3.6994e-05
1941 -1.7155e-03 -2.3557e-03 8.9063e-04 2.8651e-05 2.2781e-06 3.2959e-05
1942 -1.4392e-03 -2.4325e-03 8.6799e-04 2.5865e-05 1.7965e-06 3.1256e-05
1943 -5.0195e-04 -2.5080e-03 2.4912e-04 2.3383e-05 6.1829e-07 2.9736e-05
1944 -1.8814e-08 -2.5316e-03 1.1697e-07 2.2810e-05 -2.4179e-08 2.9334e-05
1945 5.0315e-04 -2.5201e-03 -2.4893e-04 2.3533e-05 -6.8066e-07 2.9699e-05
1946 1.4459e-03 -2.4596e-03 -8.6808e-04 2.6210e-05 -1.9101e-06 3.1193e-05
1947 1.7367e-03 -2.3915e-03 -8.9149e-04 2.9159e-05 -2.4973e-06 3.2903e-05
1948 2.8439e-03 -2.2418e-03 -1.2977e-03 3.5835e-05 -3.0466e-06 3.6950e-05
1949 -8.7824e-05 -2.3309e-03 -1.9309e-03 3.4629e-05 -2.0237e-07 3.5626e-05
1950 -3.5410e-03 1.0932e-02 -1.8383e-03 -2.0347e-05 -1.0799e-06 2.3667e-05
1951 -1.6551e-03 1.0956e-02 -1.4006e-03 -1.8704e-05 -3.5561e-06 2.4100e-05
1952 -1.3282e-03 1.0968e-02 -1.2631e-03 -1.7994e-05 -3.2712e-06 2.4253e-05
1953 -4.7854e-04 1.0980e-02 -4.0535e-04 -1.7372e-05 -1.0536e-06 2.4406e-05
1954 -1.4338e-05 1.0979e-02 5.7119e-08 -1.7100e-05 1.4185e-08 2.4430e-05
1955 4.4430e-04 1.0966e-02 4.0547e-04 -1.7036e-05 1.0879e-06 2.4382e-05
1956 1.2758e-03 1.0937e-02 1.2633e-03 -1.7167e-05 3.3265e-06 2.4181e-05
1957 1.5737e-03 1.0911e-02 1.4007e-03 -1.7459e-05 3.6440e-06 2.3964e-05
1958 3.5456e-03 1.0862e-02 1.8354e-03 -1.8268e-05 4.5493e-07 2.3425e-05
1959 -1.8653e-03 1.0838e-02 3.0134e-03 -2.3677e-05 9.9374e-06 2.5940e-05
1960 -2.9121e-03 1.2339e-02 1.1430e-03 1.3431e-05 9.7748e-06 9.1631e-06
1961 2.4804e-03 1.2326e-02 -3.7584e-05 1.4845e-05 1.1413e-05 7.3462e-06
1962 7.9389e-04 1.2320e-02 1.3663e-05 1.4615e-05 7.9582e-06 6.6844e-06
1963 5.7455e-04 1.2320e-02 1.5683e-05 1.4443e-05 7.1445e-06 6.4209e-06
1964 2.1842e-04 1.2321e-02 3.6011e-06 1.4198e-05 2.3030e-06 6.2190e-06
1965 -1.4373e-05 1.2321e-02 -6.0238e-08 1.4090e-05 -1.3081e-09 6.1868e-06
1966 -2.5272e-04 1.2322e-02 -3.7187e-06 1.4062e-05 -2.3064e-06 6.2892e-06
1967 -6.2705e-04 1.2322e-02 -1.5934e-05 1.4104e-05 -7.1497e-06 6.5999e-06
1968 -8.7533e-04 1.2325e-02 -1.3991e-05 1.4099e-05 -7.9682e-06 6.9646e-06
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1988 2.0861e-03 1.1040e-02 -2.2550e-03 -3.0745e-06 -9.7561e-06 4.4153e-06
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1997	6.9255e-04	1.0559e-03	4.1983e-04	2.6348e-05	1.3791e-05	1.9571e-05
1998	2.8219e-04	-7.6277e-04	1.7057e-03	3.5894e-05	4.6593e-06	3.9509e-05
1999	-2.6877e-03	1.1958e-02	-2.6148e-04	1.1133e-05	-1.1362e-05	8.8159e-06
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2002	-3.5298e-03	1.0689e-02	-1.8138e-03	-1.7852e-05	1.3865e-07	2.8362e-05
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2004	-2.9414e-03	3.3706e-03	5.2838e-04	1.8735e-05	5.9133e-06	7.6731e-06
2005	1.7136e-03	-1.3441e-03	-8.1367e-04	2.1643e-05	-2.5925e-06	3.4231e-05
2006	-2.9144e-03	2.6625e-03	9.4404e-04	1.6659e-05	2.8948e-06	5.4696e-06
2007	-2.9022e-03	2.2016e-03	1.0392e-03	1.2442e-05	1.4065e-06	8.8366e-06
2008	2.9133e-03	3.0634e-03	-9.3196e-04	2.2700e-05	-6.6011e-06	7.1171e-06
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2010	-2.8930e-03	-1.0825e-03	1.2172e-03	2.7417e-05	2.7985e-06	3.6730e-05
2011	-3.0826e-03	-3.2470e-03	1.8608e-03	5.0232e-05	4.5508e-06	3.0006e-05
2012	-3.2874e-03	-2.8242e-03	2.2359e-03	4.3012e-05	9.6089e-07	2.8983e-05
2013	-3.2059e-03	-3.3809e-03	2.1716e-03	3.6100e-05	-5.0787e-06	3.4359e-05
2014	1.8069e-03	-3.3018e-03	-1.1128e-03	4.2717e-05	-1.8802e-06	2.5388e-05
2015	-2.6321e-03	-3.3731e-03	1.5490e-03	3.8981e-05	-1.1750e-05	2.5456e-05
2016	-1.0073e-03	1.1971e-02	-2.0835e-04	1.1054e-05	-7.9024e-06	7.3921e-06
2017	-1.4261e-03	1.1173e-02	-9.3393e-04	-6.4439e-06	-6.4022e-06	6.1267e-06
2018	-1.6911e-03	7.4692e-03	-1.5005e-03	7.5495e-06	5.6016e-07	3.2559e-05
2019	-1.6693e-03	1.0699e-02	-1.4359e-03	-1.6419e-05	-3.0028e-06	2.8328e-05
2020	-1.6360e-03	4.5689e-03	-1.2641e-03	1.9103e-05	3.1510e-06	2.0833e-05
2021	-1.5823e-03	2.8100e-03	-8.2406e-04	2.3834e-05	4.7046e-06	7.6113e-06
2022	2.5462e-03	-3.3862e-03	-1.4873e-03	3.9084e-05	1.1342e-05	2.5774e-05
2023	-1.5538e-03	2.6372e-03	-2.2694e-04	1.3200e-05	4.8960e-06	-3.5048e-07
2024	-1.5738e-03	2.4884e-03	2.4016e-04	3.8849e-06	4.0379e-06	7.9626e-06
2025	2.8909e-03	2.5218e-03	-1.3573e-03	1.7626e-05	-2.6530e-06	5.5094e-06
2026	-1.6343e-03	1.0480e-03	5.9182e-04	8.3018e-06	3.0313e-06	2.2073e-05
2027	-1.6949e-03	-1.2968e-03	8.2044e-04	2.1003e-05	2.3489e-06	3.4448e-05
2028	-1.7810e-03	-3.2731e-03	1.0978e-03	4.2356e-05	1.7105e-06	2.5350e-05
2029	-1.8310e-03	-2.9245e-03	1.1926e-03	3.7267e-05	-3.2403e-07	2.5110e-05
2030	-1.7424e-03	-3.3814e-03	1.0842e-03	3.2464e-05	-3.0076e-06	3.0172e-05
2031	1.8634e-03	-2.9361e-03	-1.2180e-03	3.7513e-05	2.5502e-07	2.5035e-05
2032	-1.4441e-03	-3.3078e-03	7.5293e-04	3.6350e-05	-5.7233e-06	2.2633e-05
2033	-7.4530e-04	1.1978e-02	-1.9007e-04	1.0979e-05	-7.0927e-06	6.8087e-06
2034	-1.1211e-03	1.1241e-02	-8.4126e-04	-6.5671e-06	-5.7760e-06	6.2865e-06
2035	-1.3652e-03	7.5082e-03	-1.3666e-03	7.1327e-06	3.6936e-07	3.2671e-05
2036	-1.3415e-03	1.0706e-02	-1.2961e-03	-1.5795e-05	-2.7837e-06	2.8282e-05
2037	-1.3193e-03	4.5406e-03	-1.1698e-03	1.9100e-05	2.6924e-06	2.2002e-05
2038	-1.2728e-03	2.6807e-03	-7.8836e-04	2.4518e-05	4.1268e-06	7.6023e-06
2039	-2.7672e-03	1.1937e-02	1.3562e-03	1.0529e-05	9.7985e-06	1.0631e-05
2040	-1.2540e-03	2.6233e-03	-2.6733e-04	1.1897e-05	4.5089e-06	-1.9508e-06
2041	-1.2813e-03	2.5939e-03	1.8647e-04	3.7684e-07	3.9848e-06	7.4501e-06
2042	2.8781e-03	1.9020e-03	-1.3915e-03	1.6178e-05	-3.2516e-07	9.5732e-06
2043	-1.3482e-03	1.0442e-03	5.5251e-04	5.1458e-06	3.0919e-06	2.2692e-05
2044	-1.4181e-03	-1.3930e-03	8.0035e-04	1.8281e-05	2.1226e-06	3.3513e-05
2045	-1.4805e-03	-3.2889e-03	9.9776e-04	3.9069e-05	9.8833e-07	2.3370e-05
2046	-1.4885e-03	-2.9686e-03	1.0208e-03	3.4902e-05	-7.8683e-07	2.3488e-05
2047	-1.3846e-03	-3.3822e-03	8.8251e-04	3.1008e-05	-2.7952e-06	2.8458e-05
2048	1.7755e-03	-3.3767e-03	-1.1111e-03	3.2449e-05	3.0488e-06	3.0160e-05
2049	-1.1295e-03	-3.2785e-03	5.9482e-04	3.5405e-05	-4.6600e-06	2.1484e-05
2050	-2.9083e-04	1.1987e-02	-5.9845e-05	1.0871e-05	-2.2875e-06	6.3131e-06
2051	-4.1190e-04	1.1302e-02	-2.6959e-04	-6.6923e-06	-1.8612e-06	6.4473e-06
2052	-4.9045e-04	7.5389e-03	-4.3865e-04	6.8156e-06	1.1920e-07	3.2845e-05
2053	-4.8281e-04	1.0712e-02	-4.1597e-04	-1.5244e-05	-8.9661e-07	2.8259e-05
2054	-4.7566e-04	4.5073e-03	-3.7524e-04	1.9226e-05	8.6718e-07	2.2833e-05
2055	-4.6067e-04	2.5874e-03	-2.5243e-04	2.4806e-05	1.3277e-06	7.5626e-06
2056	-2.2680e-03	1.0865e-02	2.2210e-03	-7.6174e-06	9.9860e-06	6.5762e-06
2057	-4.5209e-04	2.6050e-03	-8.2227e-05	1.0790e-05	1.4000e-06	-3.0478e-06
2058	-4.5737e-04	2.6632e-03	5.1211e-05	-2.4696e-06	1.1797e-06	6.9955e-06
2059	2.8574e-03	9.2347e-04	-1.3030e-03	1.7033e-05	2.4980e-09	1.9194e-05
2060	-4.7615e-04	1.0347e-03	1.5715e-04	2.3377e-06	9.0836e-07	2.3120e-05
2061	-4.9563e-04	-1.4854e-03	2.2826e-04	1.5844e-05	6.7328e-07	3.2704e-05
2062	-5.1821e-04	-3.3084e-03	3.0033e-04	3.6153e-05	4.1956e-07	2.1571e-05
2063	-5.2805e-04	-3.0096e-03	3.1973e-04	3.2760e-05	-1.4113e-07	2.1989e-05
2064	-5.0101e-04	-3.3831e-03	2.8533e-04	2.9644e-05	-8.3545e-07	2.6853e-05
2065	1.4704e-03	-3.3163e-03	-7.7248e-04	3.6441e-05	5.8647e-06	2.2857e-05
2066	-4.2059e-04	-3.2517e-03	1.9548e-04	3.4395e-05	-1.5152e-06	2.0378e-05
2067	-1.4436e-05	1.1989e-02	-1.5604e-07	1.0883e-05	-1.0783e-09	6.1541e-06

2068	2.5637e-04	1.1986e-02	5.9489e-05	1.1005e-05	2.2847e-06	6.2112e-06
2069	-1.4547e-05	1.1318e-02	-3.5752e-07	-6.6648e-06	4.1869e-09	6.4904e-06
2070	3.7715e-04	1.1303e-02	2.6872e-04	-6.5169e-06	1.8712e-06	6.4509e-06
2071	-1.3520e-05	7.5419e-03	2.4839e-06	6.8169e-06	3.0710e-08	3.2929e-05
2072	4.5819e-04	7.5249e-03	4.4466e-04	7.0160e-06	-4.4217e-08	3.2914e-05
2073	-1.4262e-05	1.0709e-02	2.4785e-07	-1.4995e-05	1.6158e-08	2.8227e-05
2074	4.4875e-04	1.0697e-02	4.1655e-04	-1.4920e-05	9.3580e-07	2.8198e-05
2075	-1.2645e-05	4.4898e-03	6.2111e-06	1.9399e-05	4.5143e-08	2.2837e-05
2076	4.4554e-04	4.4799e-03	3.9036e-04	1.9587e-05	-7.5618e-07	2.2507e-05
2077	-1.2019e-05	2.5832e-03	1.1329e-05	2.4541e-05	5.9090e-08	7.5732e-06
2078	4.3209e-04	2.6069e-03	2.8015e-04	2.4317e-05	-1.1814e-06	7.6117e-06
2079	-1.4675e-03	6.9782e-03	4.1454e-03	9.4307e-06	7.3847e-06	3.2888e-05
2080	-1.2859e-03	4.4762e-03	4.7653e-03	1.6769e-05	1.5249e-06	1.4628e-05
2081	-7.7891e-06	2.5925e-03	2.2573e-05	1.0613e-05	-3.5336e-09	-3.2385e-06
2082	4.3408e-04	2.5800e-03	1.3793e-04	1.1071e-05	-1.4091e-06	-3.0545e-06
2083	-2.8484e-06	2.6879e-03	1.1166e-05	-3.3887e-06	-6.4752e-08	6.8183e-06
2084	4.5170e-04	2.6846e-03	-2.3990e-05	-3.0311e-06	-1.3403e-06	6.8631e-06
2085	2.8445e-03	-1.1455e-03	-1.2711e-03	2.8099e-05	-1.7148e-06	3.6684e-05
2086	2.9968e-03	-3.2882e-03	-1.7938e-03	5.0598e-05	-3.8723e-06	2.9957e-05
2087	-1.6879e-06	1.0241e-03	5.3756e-06	1.6757e-06	-4.9899e-08	2.3351e-05
2088	4.7331e-04	1.0097e-03	-1.4413e-04	2.5289e-06	-1.0311e-06	2.3470e-05
2089	-4.0179e-07	-1.5152e-03	1.2129e-06	1.5296e-05	-3.2003e-08	3.2465e-05
2090	4.9590e-04	-1.5018e-03	-2.2537e-04	1.6039e-05	-7.5338e-07	3.2604e-05
2091	2.7181e-07	-3.3169e-03	-6.6315e-07	3.5455e-05	-1.2831e-08	2.1119e-05
2092	5.2028e-04	-3.3176e-03	-3.0252e-04	3.6256e-05	-4.5547e-07	2.1572e-05
2093	5.1873e-07	-3.0216e-03	-9.8669e-07	3.2248e-05	-2.2597e-09	2.1603e-05
2094	5.3098e-04	-3.0133e-03	-3.2315e-04	3.2828e-05	1.3276e-07	2.1960e-05
2095	3.4994e-07	-3.3829e-03	-6.9350e-07	2.9304e-05	2.7337e-09	2.6448e-05
2096	5.0361e-04	-3.3818e-03	-2.8821e-04	2.9636e-05	8.4339e-07	2.6847e-05
2097	2.6828e-03	1.1949e-02	2.6123e-04	1.1993e-05	1.1250e-05	8.0924e-06
2098	3.2964e-03	1.1026e-02	1.3275e-03	-5.0549e-06	7.5102e-06	5.6707e-06
2099	6.1597e-08	-3.2455e-03	-3.1324e-07	3.4160e-05	3.2526e-09	2.0120e-05
2100	4.2223e-04	-3.2543e-03	-1.9717e-04	3.4420e-05	1.5295e-06	2.0442e-05
2101	6.9255e-04	1.1975e-02	1.8945e-04	1.1312e-05	7.0884e-06	6.5493e-06
2102	1.0680e-03	1.1243e-02	8.3984e-04	-6.1343e-06	5.7923e-06	6.2833e-06
2103	1.3160e-03	7.4786e-03	1.3762e-03	7.6053e-06	-2.4787e-07	3.2763e-05
2104	1.2894e-03	1.0670e-02	1.2970e-03	-1.4996e-05	2.8467e-06	2.8118e-05
2105	1.2736e-03	4.4751e-03	1.1942e-03	1.9977e-05	-2.5101e-06	2.1639e-05
2106	1.2296e-03	2.6743e-03	8.3348e-04	2.4207e-05	-3.8829e-06	7.6205e-06
2107	-1.2755e-03	3.2624e-03	4.5634e-03	1.7159e-05	-6.2457e-06	7.5215e-06
2108	1.2288e-03	2.5615e-03	3.5960e-04	1.2533e-05	-4.5259e-06	-1.9649e-06
2109	1.2771e-03	2.5930e-03	-1.4265e-04	-9.6643e-08	-4.2539e-06	7.3156e-06
2110	3.5317e-03	1.0611e-02	1.7991e-03	-1.5850e-05	-8.8079e-07	2.7885e-05
2111	1.3485e-03	9.8477e-04	-5.3191e-04	5.6777e-06	-3.2936e-06	2.3139e-05
2112	1.4233e-03	-1.4290e-03	-7.9595e-04	1.8721e-05	-2.2596e-06	3.3338e-05
2113	1.4892e-03	-3.3099e-03	-1.0035e-03	3.9306e-05	-1.0639e-06	2.3374e-05
2114	1.4995e-03	-2.9770e-03	-1.0302e-03	3.5059e-05	7.6264e-07	2.3422e-05
2115	1.3955e-03	-3.3790e-03	-8.9173e-04	3.0988e-05	2.8135e-06	2.8442e-05
2116	-1.8058e-03	1.0582e-02	3.1586e-03	-2.0781e-05	9.8545e-06	3.1314e-05
2117	1.1378e-03	-3.2845e-03	-6.0103e-04	3.5464e-05	4.7085e-06	2.1635e-05
2118	9.2543e-04	1.1966e-02	2.0738e-04	1.1560e-05	7.8939e-06	6.9864e-06
2119	1.3434e-03	1.1178e-02	9.3155e-04	-5.7905e-06	6.4270e-06	6.1038e-06
2120	1.6148e-03	7.4321e-03	1.5155e-03	8.2174e-06	-3.6115e-07	3.2657e-05
2121	1.5883e-03	1.0649e-02	1.4371e-03	-1.5220e-05	3.1033e-06	2.8051e-05
2122	1.5654e-03	4.4758e-03	1.3035e-03	2.0397e-05	-2.8433e-06	2.0510e-05
2123	1.5160e-03	2.7783e-03	8.9881e-04	2.3765e-05	-4.2807e-06	7.5954e-06
2124	-9.3029e-08	-9.7181e-04	0.0000e+00	0.0000e+00	0.0000e+00	5.3498e-05
2125	1.5198e-03	2.5475e-03	3.8524e-04	1.4110e-05	-4.9285e-06	-3.6931e-07

SPOSTAMENTI NODALI "Torcente di piano SLO" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.5334e-03	-1.9990e-06	1.2635e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.5831e-04	6.1112e-08	1.6323e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	6.3238e-04	8.5985e-07	1.2355e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	6.0752e-04	-1.1036e-08	9.7821e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	1.7583e-04	1.9934e-07	3.8645e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	3.2795e-08	2.6052e-07	1.3699e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.7578e-04	1.9925e-07	-3.8643e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-6.0758e-04	-1.1477e-08	-9.7825e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-6.3260e-04	8.5945e-07	-1.2356e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-8.5863e-04	6.1978e-08	-1.6324e-05	0.0000e+00

11	0.0000e+00	0.0000e+00	-1.5324e-03	-1.9943e-06	-1.2632e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	2.7959e-04	-7.1603e-07	6.6926e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	2.6918e-04	-3.8811e-07	1.3807e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	2.2237e-04	-3.2449e-07	9.8103e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	1.5668e-04	-6.2604e-07	7.4236e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	7.1247e-05	-4.4201e-07	3.1102e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.9304e-09	-4.9969e-07	-2.9792e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-7.1250e-05	-4.4200e-07	-3.1103e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.5666e-04	-6.2598e-07	-7.4237e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.2235e-04	-3.2451e-07	-9.8104e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-2.6930e-04	-3.8835e-07	-1.3807e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-2.7902e-04	-7.1201e-07	-6.6954e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-2.1692e-03	3.0597e-06	1.6183e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.2939e-03	2.5696e-07	1.9502e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.0074e-03	-7.9608e-07	1.4916e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.0143e-04	5.6155e-07	1.1781e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-2.8731e-04	1.2515e-07	4.6544e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	2.1350e-08	1.0569e-07	-1.2901e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	2.8735e-04	1.2516e-07	-4.6546e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	9.0150e-04	5.6155e-07	-1.1781e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0074e-03	-7.9712e-07	-1.4915e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.2932e-03	2.5846e-07	-1.9500e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	2.1713e-03	3.0689e-06	-1.6187e-05	0.0000e+00
34	8.3261e-02	-1.7035e-02	1.6669e-03	3.5844e-05	1.3435e-04	4.3592e-05
35	8.3261e-02	1.9714e-03	3.9686e-04	-4.4668e-06	5.1392e-05	4.3592e-05
36	8.3261e-02	1.5223e-02	-2.4430e-03	-3.1769e-05	1.1273e-04	4.3592e-05
37	6.5824e-02	-1.7035e-02	1.0157e-03	2.6879e-05	1.0561e-04	4.3592e-05
38	4.6644e-02	-1.7035e-02	7.1410e-04	2.5126e-05	7.4531e-05	4.3592e-05
39	3.4438e-02	-1.7035e-02	7.0185e-04	2.5265e-05	5.5053e-05	4.3592e-05
40	1.5257e-02	-1.7035e-02	2.0044e-04	2.6924e-05	2.4384e-05	4.3592e-05
41	-7.5805e-08	-1.7035e-02	4.4444e-08	2.5241e-05	-8.1559e-11	4.3592e-05
42	-1.5257e-02	-1.7035e-02	-2.0037e-04	2.6924e-05	-2.4384e-05	4.3592e-05
43	-3.4438e-02	-1.7035e-02	-7.0192e-04	2.5265e-05	-5.5054e-05	4.3592e-05
44	-4.6644e-02	-1.7035e-02	-7.1441e-04	2.5126e-05	-7.4531e-05	4.3592e-05
45	-6.5824e-02	-1.7035e-02	-1.0162e-03	2.6880e-05	-1.0561e-04	4.3592e-05
46	-8.3261e-02	-1.7035e-02	-1.6656e-03	3.5847e-05	-1.3435e-04	4.3592e-05
47	6.5824e-02	1.9714e-03	3.5884e-04	-3.4025e-06	3.8956e-05	4.3592e-05
48	4.6644e-02	1.9714e-03	2.8772e-04	-3.2369e-06	2.7780e-05	4.3592e-05
49	3.4438e-02	1.9714e-03	2.0021e-04	-3.1906e-06	2.0942e-05	4.3592e-05
50	1.5257e-02	1.9714e-03	9.3142e-05	-3.4480e-06	9.0017e-06	4.3592e-05
51	-7.5805e-08	1.9714e-03	-1.6270e-09	-3.2130e-06	-4.5957e-11	4.3592e-05
52	-1.5257e-02	1.9714e-03	-9.3145e-05	-3.4479e-06	-9.0018e-06	4.3592e-05
53	-3.4438e-02	1.9714e-03	-2.0020e-04	-3.1906e-06	-2.0942e-05	4.3592e-05
54	-4.6644e-02	1.9714e-03	-2.8770e-04	-3.2371e-06	-2.7780e-05	4.3592e-05
55	-6.5824e-02	1.9714e-03	-3.5896e-04	-3.4016e-06	-3.8955e-05	4.3592e-05
56	-8.3261e-02	1.9714e-03	-3.9628e-04	-4.4670e-06	-5.1395e-05	4.3592e-05
57	6.5824e-02	1.5223e-02	-1.5238e-03	-2.3623e-05	8.8036e-05	4.3592e-05
58	4.6644e-02	1.5223e-02	-1.1490e-03	-2.2121e-05	6.2369e-05	4.3592e-05
59	3.4438e-02	1.5223e-02	-1.0360e-03	-2.2300e-05	4.6236e-05	4.3592e-05
60	1.5257e-02	1.5223e-02	-3.3249e-04	-2.3690e-05	2.0353e-05	4.3592e-05
61	-7.5805e-08	1.5223e-02	2.7251e-08	-2.2244e-05	-1.5472e-10	4.3592e-05
62	-1.5257e-02	1.5223e-02	3.3254e-04	-2.3689e-05	-2.0353e-05	4.3592e-05
63	-3.4438e-02	1.5223e-02	1.0361e-03	-2.2300e-05	-4.6236e-05	4.3592e-05
64	-4.6644e-02	1.5223e-02	1.1490e-03	-2.2121e-05	-6.2369e-05	4.3592e-05
65	-6.5824e-02	1.5223e-02	1.5228e-03	-2.3620e-05	-8.8035e-05	4.3592e-05
66	-8.3261e-02	1.5223e-02	2.4459e-03	-3.1769e-05	-1.1274e-04	4.3592e-05
67	0.0000e+00	0.0000e+00	2.0243e-03	-2.4014e-06	9.7776e-06	0.0000e+00
68	0.0000e+00	0.0000e+00	1.4586e-03	-2.3409e-07	1.1819e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.0951e-03	7.0144e-07	9.1938e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	9.7648e-04	-6.0571e-07	7.3323e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	3.1972e-04	-2.0000e-07	2.8539e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	3.8852e-08	-1.6971e-07	1.3365e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-3.1966e-04	-2.0011e-07	-2.8537e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-9.7655e-04	-6.0620e-07	-7.3327e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.0954e-03	7.0097e-07	-9.1946e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.4590e-03	-2.3304e-07	-1.1819e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-2.0231e-03	-2.3963e-06	-9.7758e-06	0.0000e+00
1894	0.0000e+00	0.0000e+00	-4.3711e-04	-2.3308e-06	2.2734e-06	0.0000e+00
1895	0.0000e+00	0.0000e+00	1.4604e-05	-5.3831e-08	3.7574e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	-2.5232e-05	8.4763e-08	3.3651e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-2.7566e-05	-4.6502e-08	2.7163e-06	0.0000e+00
1898	0.0000e+00	0.0000e+00	-6.2519e-06	-3.1132e-09	1.1763e-06	0.0000e+00

1899	0.0000e+00	0.0000e+00	-4.6847e-08	-8.0726e-09	-9.5888e-10	0.0000e+00
1900	0.0000e+00	0.0000e+00	6.1693e-06	-3.2204e-09	-1.1774e-06	0.0000e+00
1901	0.0000e+00	0.0000e+00	2.7684e-05	-4.7554e-08	-2.7146e-06	0.0000e+00
1902	0.0000e+00	0.0000e+00	2.5550e-05	8.5692e-08	-3.3629e-06	0.0000e+00
1903	0.0000e+00	0.0000e+00	-1.6005e-05	-5.4462e-08	-3.7748e-06	0.0000e+00
1904	0.0000e+00	0.0000e+00	4.3991e-04	-2.3467e-06	-2.2469e-06	0.0000e+00
1905	0.0000e+00	0.0000e+00	9.3193e-04	5.0029e-06	8.3679e-06	0.0000e+00
1906	0.0000e+00	0.0000e+00	-4.3742e-05	1.3871e-07	4.6374e-06	0.0000e+00
1907	0.0000e+00	0.0000e+00	6.0106e-06	-5.8398e-08	2.3662e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	8.2238e-06	1.9954e-08	1.4827e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	1.4977e-06	2.0641e-09	5.5575e-07	0.0000e+00
1910	0.0000e+00	0.0000e+00	-3.0662e-08	5.6508e-09	1.1858e-09	0.0000e+00
1911	0.0000e+00	0.0000e+00	-1.5486e-06	2.0228e-09	-5.5272e-07	0.0000e+00
1912	0.0000e+00	0.0000e+00	-8.3562e-06	2.0346e-08	-1.4777e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-6.1621e-06	-5.9085e-08	-2.3589e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	4.4372e-05	1.3935e-07	-4.6237e-06	0.0000e+00
1915	0.0000e+00	0.0000e+00	-9.3592e-04	5.0242e-06	-8.3436e-06	0.0000e+00
1916	2.6000e-03	-2.3152e-03	-1.7477e-03	3.5243e-05	-6.5848e-07	2.3457e-05
1917	-1.0336e-03	2.0426e-03	2.7679e-03	1.2116e-05	-1.0822e-05	7.2817e-06
1918	-8.9489e-04	1.2873e-03	1.3483e-03	1.4797e-05	-1.3476e-05	7.7849e-06
1919	2.6897e-03	5.9734e-03	8.8785e-04	7.9723e-06	-6.1453e-06	2.6475e-05
1920	-5.6277e-04	7.2973e-04	-1.5488e-04	1.1740e-05	-1.2096e-05	1.3867e-05
1921	-1.6310e-04	-1.0193e-03	-1.3496e-03	2.1520e-05	-4.8608e-06	2.9735e-05
1922	-2.6428e-04	-2.6752e-03	-9.2935e-04	4.0461e-05	5.5718e-06	2.2878e-05
1923	-7.2838e-04	-2.2606e-03	-1.3459e-04	3.4750e-05	6.6529e-06	2.3224e-05
1924	-1.1047e-03	-2.7461e-03	4.8552e-04	2.9720e-05	2.5308e-06	2.8724e-05
1925	1.2854e-03	2.0085e-03	-1.3730e-04	2.9253e-06	-3.6719e-06	6.3921e-06
1926	-1.0537e-03	-2.7425e-03	4.9558e-04	3.3397e-05	-4.3631e-06	2.1303e-05
1927	2.5903e-03	1.0972e-02	-4.6447e-04	1.3374e-05	-8.1424e-06	6.3983e-06
1928	-1.6172e-03	1.0975e-02	5.7852e-04	1.2052e-05	-9.4144e-06	7.3011e-06
1929	-4.3404e-04	1.0957e-02	3.6521e-04	1.2454e-05	-6.4939e-06	6.9778e-06
1930	-2.6047e-04	1.0949e-02	3.2487e-04	1.2573e-05	-5.8243e-06	6.8353e-06
1931	-1.2510e-04	1.0941e-02	1.0600e-04	1.2635e-05	-1.8802e-06	6.7121e-06
1932	-1.1666e-05	1.0940e-02	1.2753e-08	1.2686e-05	-1.0664e-09	6.6666e-06
1933	9.7266e-05	1.0943e-02	-1.0593e-04	1.2760e-05	1.8774e-06	6.6727e-06
1934	2.1787e-04	1.0953e-02	-3.2483e-04	1.2883e-05	5.8201e-06	6.7346e-06
1935	3.6803e-04	1.0963e-02	-3.6501e-04	1.2927e-05	6.4856e-06	6.8201e-06
1936	1.6213e-03	1.0984e-02	-5.6992e-04	1.2867e-05	9.2971e-06	7.0254e-06
1937	-2.7126e-03	1.1006e-02	4.7135e-04	1.1452e-05	7.9479e-06	8.1539e-06
1938	1.5221e-04	-1.5783e-03	1.5761e-03	3.5480e-05	-7.5790e-07	3.4685e-05
1939	1.3990e-03	8.8992e-03	-2.4501e-03	-1.2972e-05	-7.5609e-06	1.7004e-05
1940	-2.3700e-03	-1.7832e-03	1.0561e-03	2.8743e-05	3.3040e-06	3.0144e-05
1941	-1.3979e-03	-1.9195e-03	7.2573e-04	2.3346e-05	1.8563e-06	2.6856e-05
1942	-1.1727e-03	-1.9821e-03	7.0728e-04	2.1076e-05	1.4638e-06	2.5469e-05
1943	-4.0901e-04	-2.0437e-03	2.0300e-04	1.9054e-05	5.0381e-07	2.4230e-05
1944	-1.5331e-08	-2.0629e-03	9.5314e-08	1.8587e-05	-1.9702e-08	2.3903e-05
1945	4.0999e-04	-2.0535e-03	-2.0284e-04	1.9176e-05	-5.5463e-07	2.4200e-05
1946	1.1782e-03	-2.0042e-03	-7.0735e-04	2.1357e-05	-1.5564e-06	2.5417e-05
1947	1.4152e-03	-1.9487e-03	-7.2642e-04	2.3760e-05	-2.0349e-06	2.6811e-05
1948	2.3173e-03	-1.8267e-03	-1.0574e-03	2.9200e-05	-2.4825e-06	3.0109e-05
1949	-7.1563e-05	-1.8993e-03	-1.5734e-03	2.8217e-05	-1.6490e-07	2.9030e-05
1950	-2.8853e-03	8.9076e-03	-1.4979e-03	-1.6580e-05	-8.7994e-07	1.9285e-05
1951	-1.3486e-03	8.9272e-03	-1.1412e-03	-1.5241e-05	-2.8976e-06	1.9638e-05
1952	-1.0823e-03	8.9375e-03	-1.0292e-03	-1.4662e-05	-2.6655e-06	1.9763e-05
1953	-3.8993e-04	8.9469e-03	-3.3030e-04	-1.4155e-05	-8.5849e-07	1.9887e-05
1954	-1.1683e-05	8.9458e-03	4.6543e-08	-1.3934e-05	1.1559e-08	1.9907e-05
1955	3.6203e-04	8.9358e-03	3.3040e-04	-1.3882e-05	8.8649e-07	1.9868e-05
1956	1.0396e-03	8.9117e-03	1.0294e-03	-1.3988e-05	2.7106e-06	1.9704e-05
1957	1.2823e-03	8.8905e-03	1.1413e-03	-1.4226e-05	2.9693e-06	1.9527e-05
1958	2.8891e-03	8.8506e-03	1.4955e-03	-1.4885e-05	3.7069e-07	1.9088e-05
1959	-1.5200e-03	8.8317e-03	2.4554e-03	-1.9293e-05	8.0974e-06	2.1137e-05
1960	-2.3729e-03	1.0054e-02	9.3139e-04	1.0944e-05	7.9650e-06	7.4665e-06
1961	2.0212e-03	1.0044e-02	-3.0625e-05	1.2097e-05	9.2994e-06	5.9860e-06
1962	6.4689e-04	1.0039e-02	1.1133e-05	1.1909e-05	6.4847e-06	5.4467e-06
1963	4.6817e-04	1.0039e-02	1.2779e-05	1.1769e-05	5.8217e-06	5.2320e-06
1964	1.7798e-04	1.0039e-02	2.9344e-06	1.1570e-05	1.8766e-06	5.0675e-06
1965	-1.1712e-05	1.0040e-02	-4.9085e-08	1.1481e-05	-1.0659e-09	5.0413e-06
1966	-2.0593e-04	1.0040e-02	-3.0302e-06	1.1458e-05	-1.8793e-06	5.1247e-06
1967	-5.1095e-04	1.0041e-02	-1.2984e-05	1.1493e-05	-5.8259e-06	5.3779e-06
1968	-7.1326e-04	1.0043e-02	-1.1401e-05	1.1489e-05	-6.4928e-06	5.6750e-06
1969	-2.0239e-03	1.0051e-02	3.1580e-05	1.1378e-05	-9.4005e-06	6.3909e-06
1970	2.2402e-03	1.0044e-02	-9.3670e-04	1.2662e-05	-8.1417e-06	5.4378e-06

1971	-2.1092e-04	2.8128e-04	4.4302e-04	-2.2537e-06	-1.5484e-06	1.9363e-08
1972	-5.0008e-04	5.0694e-07	-1.7554e-05	2.3689e-08	-4.1566e-06	1.6375e-08
1973	-4.2652e-04	-1.6445e-05	2.5018e-05	1.6000e-07	-3.5004e-06	1.4912e-08
1974	-3.4154e-04	8.9560e-09	2.7390e-05	2.5824e-08	-2.7961e-06	1.4400e-08
1975	-1.4788e-04	-5.3242e-06	6.0456e-06	6.8565e-08	-1.2100e-06	1.3835e-08
1976	-1.4821e-07	-4.7088e-06	-4.8673e-08	6.3453e-08	-1.2818e-09	1.3707e-08
1977	1.4770e-04	-5.3619e-06	-6.1313e-06	6.8968e-08	1.2085e-06	1.3859e-08
1978	3.4180e-04	-1.7798e-07	-2.7271e-05	2.7571e-08	2.7984e-06	1.4456e-08
1979	4.2720e-04	-1.6414e-05	-2.4684e-05	1.6008e-07	3.5069e-06	1.4998e-08
1980	4.9644e-04	2.9588e-07	1.6095e-05	2.5928e-08	4.1232e-06	1.6490e-08
1981	2.1529e-04	2.7972e-04	-4.4019e-04	-2.2431e-06	1.5868e-06	1.7684e-08
1982	1.1555e-03	-2.8117e-03	-5.7004e-04	3.5786e-05	4.9568e-06	2.4118e-05
1983	1.3407e-03	7.8537e-04	-4.5546e-04	7.4356e-06	-2.7465e-06	1.8364e-05
1984	1.2453e-03	-2.7566e-03	-5.9692e-04	3.3424e-05	-2.3700e-06	3.1913e-05
1985	8.6371e-04	-2.2814e-03	4.0546e-05	4.1258e-05	-7.0209e-06	2.7632e-05
1986	3.6167e-04	-2.6323e-03	8.8873e-04	4.8499e-05	-6.2889e-06	2.9982e-05
1987	2.1165e-03	9.7405e-03	-1.1181e-03	1.0536e-05	-8.1334e-06	5.9783e-06
1988	1.6999e-03	8.9961e-03	-1.8375e-03	-2.5053e-06	-7.9497e-06	3.5977e-06
1989	1.1110e-03	6.2025e-03	-3.3047e-03	8.8862e-06	-5.1066e-06	2.6297e-05
1990	1.3554e-03	8.7120e-03	-2.5599e-03	-1.1145e-05	-7.4551e-06	2.0412e-05
1991	1.0163e-03	3.7970e-03	-3.6692e-03	2.1070e-05	-5.1686e-07	1.1759e-05
1992	1.0296e-03	3.0110e-03	-3.4866e-03	1.6412e-05	5.2540e-06	5.7255e-06
1993	2.5357e-03	-2.7482e-03	-1.7054e-03	2.9326e-05	4.0206e-06	2.7930e-05
1994	1.0161e-03	2.1817e-03	-2.5462e-03	1.8887e-05	1.0758e-05	7.5297e-06
1995	8.7012e-04	1.6327e-03	-1.1292e-03	1.8449e-05	1.3185e-05	8.3889e-06
1996	2.4789e-03	3.6498e-03	2.6262e-05	1.7689e-05	-7.3925e-06	1.4358e-05
1997	5.6432e-04	8.6042e-04	3.4210e-04	2.1469e-05	1.1238e-05	1.5947e-05
1998	2.2994e-04	-6.2154e-04	1.3899e-03	2.9248e-05	3.7966e-06	3.2193e-05
1999	-2.1900e-03	9.7442e-03	-2.1307e-04	9.0718e-06	-9.2586e-06	7.1836e-06
2000	-2.6929e-03	8.9757e-03	-1.0841e-03	-4.9958e-06	-6.2609e-06	4.6802e-06
2001	-2.7157e-03	6.0090e-03	-1.0188e-03	7.1690e-06	5.2848e-06	2.6664e-05
2002	-2.8763e-03	8.7096e-03	-1.4779e-03	-1.4547e-05	1.1298e-07	2.3111e-05
2003	-2.5031e-03	3.7665e-03	-2.2590e-04	1.6094e-05	6.5203e-06	1.3115e-05
2004	-2.3968e-03	2.7465e-03	4.3055e-04	1.5266e-05	4.8184e-06	6.2524e-06
2005	1.3963e-03	-1.0952e-03	-6.6301e-04	1.7636e-05	-2.1125e-06	2.7893e-05
2006	-2.3748e-03	2.1695e-03	7.6925e-04	1.3574e-05	2.3589e-06	4.4569e-06
2007	-2.3648e-03	1.7939e-03	8.4680e-04	1.0138e-05	1.1461e-06	7.2004e-06
2008	2.3739e-03	2.4962e-03	-7.5941e-04	1.8497e-05	-5.3789e-06	5.7993e-06
2009	-2.3609e-03	8.5679e-04	9.3341e-04	1.2741e-05	1.0732e-06	1.6678e-05
2010	-2.3573e-03	-8.8206e-04	9.9186e-04	2.2341e-05	2.2804e-06	2.9930e-05
2011	-2.5118e-03	-2.6458e-03	1.5162e-03	4.0932e-05	3.7082e-06	2.4450e-05
2012	-2.6788e-03	-2.3013e-03	1.8219e-03	3.5048e-05	7.8297e-07	2.3616e-05
2013	-2.6123e-03	-2.7549e-03	1.7696e-03	2.9416e-05	-4.1383e-06	2.7997e-05
2014	1.4724e-03	-2.6904e-03	-9.0678e-04	3.4808e-05	-1.5321e-06	2.0688e-05
2015	-2.1448e-03	-2.7485e-03	1.2622e-03	3.1764e-05	-9.5741e-06	2.0742e-05
2016	-8.2080e-04	9.7543e-03	-1.6977e-04	9.0074e-06	-6.4392e-06	6.0234e-06
2017	-1.1620e-03	9.1044e-03	-7.6101e-04	-5.2508e-06	-5.2168e-06	4.9923e-06
2018	-1.3780e-03	6.0863e-03	-1.2226e-03	6.1517e-06	4.5645e-07	2.6530e-05
2019	-1.3602e-03	8.7178e-03	-1.1700e-03	-1.3379e-05	-2.4468e-06	2.3083e-05
2020	-1.3331e-03	3.7229e-03	-1.0301e-03	1.5566e-05	2.5676e-06	1.6975e-05
2021	-1.2893e-03	2.2897e-03	-6.7148e-04	1.9421e-05	3.8335e-06	6.2020e-06
2022	2.0748e-03	-2.7593e-03	-1.2119e-03	3.1848e-05	9.2417e-06	2.1002e-05
2023	-1.2661e-03	2.1489e-03	-1.8492e-04	1.0756e-05	3.9895e-06	-2.8558e-07
2024	-1.2824e-03	2.0277e-03	1.9569e-04	3.1656e-06	3.2902e-06	6.4883e-06
2025	2.3556e-03	2.0549e-03	-1.1060e-03	1.4363e-05	-2.1618e-06	4.4893e-06
2026	-1.3317e-03	8.5397e-04	4.8224e-04	6.7647e-06	2.4700e-06	1.7986e-05
2027	-1.3811e-03	-1.0567e-03	6.6853e-04	1.7114e-05	1.9140e-06	2.8070e-05
2028	-1.4513e-03	-2.6671e-03	8.9454e-04	3.4513e-05	1.3938e-06	2.0657e-05
2029	-1.4920e-03	-2.3830e-03	9.7175e-04	3.0367e-05	-2.6404e-07	2.0461e-05
2030	-1.4198e-03	-2.7554e-03	8.8343e-04	2.6453e-05	-2.4508e-06	2.4585e-05
2031	1.5184e-03	-2.3925e-03	-9.9249e-04	3.0567e-05	2.0780e-07	2.0400e-05
2032	-1.1767e-03	-2.6953e-03	6.1352e-04	2.9619e-05	-4.6636e-06	1.8442e-05
2033	-6.0731e-04	9.7606e-03	-1.5488e-04	8.9464e-06	-5.7794e-06	5.5480e-06
2034	-9.1356e-04	9.1598e-03	-6.8549e-04	-5.3512e-06	-4.7066e-06	5.1225e-06
2035	-1.1125e-03	6.1180e-03	-1.1136e-03	5.8121e-06	3.0097e-07	2.6622e-05
2036	-1.0931e-03	8.7234e-03	-1.0561e-03	-1.2871e-05	-2.2683e-06	2.3045e-05
2037	-1.0751e-03	3.6999e-03	-9.5323e-04	1.5564e-05	2.1939e-06	1.7928e-05
2038	-1.0371e-03	2.1844e-03	-6.4239e-04	1.9979e-05	3.3627e-06	6.1947e-06
2039	-2.2549e-03	9.7272e-03	1.1051e-03	8.5797e-06	7.9842e-06	8.6629e-06
2040	-1.0218e-03	2.1376e-03	-2.1783e-04	9.6946e-06	3.6740e-06	-1.5896e-06
2041	-1.0441e-03	2.1137e-03	1.5195e-04	3.0707e-07	3.2470e-06	6.0707e-06
2042	2.3452e-03	1.5499e-03	-1.1339e-03	1.3183e-05	-2.6495e-07	7.8006e-06

2043	-1.0985e-03	8.5090e-04	4.5021e-04	4.1930e-06	2.5194e-06	1.8490e-05
2044	-1.1556e-03	-1.1351e-03	6.5216e-04	1.4896e-05	1.7296e-06	2.7308e-05
2045	-1.2064e-03	-2.6799e-03	8.1302e-04	3.1836e-05	8.0534e-07	1.9043e-05
2046	-1.2129e-03	-2.4190e-03	8.3176e-04	2.8439e-05	-6.4114e-07	1.9139e-05
2047	-1.1282e-03	-2.7560e-03	7.1911e-04	2.5267e-05	-2.2777e-06	2.3189e-05
2048	1.4468e-03	-2.7515e-03	-9.0541e-04	2.6441e-05	2.4843e-06	2.4576e-05
2049	-9.2037e-04	-2.6715e-03	4.8468e-04	2.8850e-05	-3.7972e-06	1.7506e-05
2050	-2.3699e-04	9.7676e-03	-4.8765e-05	8.8581e-06	-1.8640e-06	5.1442e-06
2051	-3.3563e-04	9.2095e-03	-2.1968e-04	-5.4532e-06	-1.5166e-06	5.2535e-06
2052	-3.9964e-04	6.1430e-03	-3.5743e-04	5.5537e-06	9.7133e-08	2.6763e-05
2053	-3.9341e-04	8.7285e-03	-3.3895e-04	-1.2422e-05	-7.3060e-07	2.3027e-05
2054	-3.8759e-04	3.6727e-03	-3.0577e-04	1.5666e-05	7.0662e-07	1.8605e-05
2055	-3.7537e-04	2.1083e-03	-2.0569e-04	2.0213e-05	1.0819e-06	6.1623e-06
2056	-1.8480e-03	8.8535e-03	1.8098e-03	-6.2070e-06	8.1370e-06	5.3586e-06
2057	-3.6838e-04	2.1227e-03	-6.7002e-05	8.7919e-06	1.1408e-06	-2.4835e-06
2058	-3.7268e-04	2.1701e-03	4.1729e-05	-2.0124e-06	9.6126e-07	5.7002e-06
2059	2.3283e-03	7.5248e-04	-1.0617e-03	1.3879e-05	2.0355e-09	1.5640e-05
2060	-3.8799e-04	8.4310e-04	1.2806e-04	1.9048e-06	7.4017e-07	1.8839e-05
2061	-4.0386e-04	-1.2104e-03	1.8600e-04	1.2910e-05	5.4862e-07	2.6649e-05
2062	-4.2226e-04	-2.6959e-03	2.4472e-04	2.9459e-05	3.4188e-07	1.7577e-05
2063	-4.3028e-04	-2.4524e-03	2.6053e-04	2.6694e-05	-1.1500e-07	1.7918e-05
2064	-4.0824e-04	-2.7567e-03	2.3250e-04	2.4155e-05	-6.8076e-07	2.1881e-05
2065	1.1982e-03	-2.7023e-03	-6.2945e-04	2.9694e-05	4.7788e-06	1.8625e-05
2066	-3.4271e-04	-2.6497e-03	1.5929e-04	2.8026e-05	-1.2346e-06	1.6605e-05
2067	-1.1763e-05	9.7693e-03	-1.2715e-07	8.8676e-06	-8.7862e-10	5.0146e-06
2068	2.0891e-04	9.7667e-03	4.8474e-05	8.9671e-06	1.8616e-06	5.0612e-06
2069	-1.1853e-05	9.2225e-03	-2.9133e-07	-5.4308e-06	3.4117e-09	5.2887e-06
2070	3.0732e-04	9.2099e-03	2.1897e-04	-5.3103e-06	1.5247e-06	5.2565e-06
2071	-1.1017e-05	6.1455e-03	2.0240e-06	5.5547e-06	2.5024e-08	2.6832e-05
2072	3.7336e-04	6.1316e-03	3.6233e-04	5.7170e-06	-3.6030e-08	2.6819e-05
2073	-1.1621e-05	8.7260e-03	2.0196e-07	-1.2218e-05	1.3166e-08	2.3000e-05
2074	3.6566e-04	8.7162e-03	3.3943e-04	-1.2158e-05	7.6253e-07	2.2977e-05
2075	-1.0304e-05	3.6585e-03	5.0611e-06	1.5807e-05	3.6784e-08	1.8609e-05
2076	3.6304e-04	3.6504e-03	3.1808e-04	1.5960e-05	-6.1617e-07	1.8340e-05
2077	-9.7935e-06	2.1049e-03	9.2315e-06	1.9997e-05	4.8149e-08	6.1710e-06
2078	3.5209e-04	2.1242e-03	2.2828e-04	1.9815e-05	-9.6264e-07	6.2024e-06
2079	-1.1958e-03	5.6861e-03	3.3779e-03	7.6846e-06	6.0174e-06	2.6798e-05
2080	-1.0478e-03	3.6474e-03	3.8829e-03	1.3664e-05	1.2426e-06	1.1920e-05
2081	-6.3469e-06	2.1125e-03	1.8393e-05	8.6482e-06	-2.8793e-09	-2.6389e-06
2082	3.5371e-04	2.1023e-03	1.1239e-04	9.0211e-06	-1.1482e-06	-2.4889e-06
2083	-2.3210e-06	2.1902e-03	9.0988e-06	-2.7612e-06	-5.2763e-08	5.5559e-06
2084	3.6806e-04	2.1875e-03	-1.9548e-05	-2.4699e-06	-1.0921e-06	5.5924e-06
2085	2.3179e-03	-9.3341e-04	-1.0357e-03	2.2896e-05	-1.3973e-06	2.9892e-05
2086	2.4420e-03	-2.6793e-03	-1.4617e-03	4.1230e-05	-3.1553e-06	2.4410e-05
2087	-1.3754e-06	8.3446e-04	4.3803e-06	1.3655e-06	-4.0660e-08	1.9028e-05
2088	3.8567e-04	8.2274e-04	-1.1745e-04	2.0606e-06	-8.4015e-07	1.9124e-05
2089	-3.2740e-07	-1.2346e-03	9.8830e-07	1.2464e-05	-2.6078e-08	2.6454e-05
2090	4.0408e-04	-1.2238e-03	-1.8364e-04	1.3069e-05	-6.1388e-07	2.6567e-05
2091	2.2149e-07	-2.7028e-03	-5.4037e-07	2.8890e-05	-1.0456e-08	1.7208e-05
2092	4.2394e-04	-2.7034e-03	-2.4651e-04	2.9543e-05	-3.7114e-07	1.7578e-05
2093	4.2269e-07	-2.4621e-03	-8.0400e-07	2.6277e-05	-1.8413e-09	1.7603e-05
2094	4.3266e-04	-2.4554e-03	-2.6332e-04	2.6750e-05	1.0818e-07	1.7894e-05
2095	2.8514e-07	-2.7566e-03	-5.6510e-07	2.3878e-05	2.2276e-09	2.1551e-05
2096	4.1036e-04	-2.7556e-03	-2.3484e-04	2.4149e-05	6.8723e-07	2.1876e-05
2097	2.1861e-03	9.7365e-03	2.1286e-04	9.7727e-06	9.1671e-06	6.5940e-06
2098	2.6860e-03	8.9848e-03	1.0817e-03	-4.1190e-06	6.1196e-06	4.6207e-06
2099	5.0192e-08	-2.6446e-03	-2.5524e-07	2.7835e-05	2.6504e-09	1.6395e-05
2100	3.4405e-04	-2.6518e-03	-1.6067e-04	2.8047e-05	1.2463e-06	1.6657e-05
2101	5.6432e-04	9.7580e-03	1.5437e-04	9.2173e-06	5.7760e-06	5.3366e-06
2102	8.7022e-04	9.1614e-03	6.8434e-04	-4.9985e-06	4.7198e-06	5.1199e-06
2103	1.0724e-03	6.0939e-03	1.1214e-03	6.1971e-06	-2.0198e-07	2.6697e-05
2104	1.0507e-03	8.6947e-03	1.0569e-03	-1.2220e-05	2.3196e-06	2.2912e-05
2105	1.0378e-03	3.6465e-03	9.7308e-04	1.6278e-05	-2.0453e-06	1.7632e-05
2106	1.0019e-03	2.1792e-03	6.7916e-04	1.9725e-05	-3.1640e-06	6.2095e-06
2107	-1.0393e-03	2.6584e-03	3.7185e-03	1.3982e-05	-5.0892e-06	6.1289e-06
2108	1.0013e-03	2.0872e-03	2.9301e-04	1.0213e-05	-3.6879e-06	-1.6011e-06
2109	1.0406e-03	2.1129e-03	-1.1624e-04	-7.8749e-08	-3.4663e-06	5.9610e-06
2110	2.8778e-03	8.6462e-03	1.4660e-03	-1.2915e-05	-7.1771e-07	2.2722e-05
2111	1.0988e-03	8.0244e-04	-4.3342e-04	4.6265e-06	-2.6838e-06	1.8855e-05
2112	1.1598e-03	-1.1644e-03	-6.4858e-04	1.5255e-05	-1.8412e-06	2.7165e-05
2113	1.2135e-03	-2.6970e-03	-8.1773e-04	3.2028e-05	-8.6691e-07	1.9046e-05
2114	1.2219e-03	-2.4258e-03	-8.3945e-04	2.8568e-05	6.2144e-07	1.9085e-05

2115	1.1371e-03	-2.7534e-03	-7.2662e-04	2.5251e-05	2.2926e-06	2.3176e-05
2116	-1.4714e-03	8.6227e-03	2.5738e-03	-1.6933e-05	8.0299e-06	2.5516e-05
2117	9.2711e-04	-2.6764e-03	-4.8975e-04	2.8897e-05	3.8367e-06	1.7629e-05
2118	7.5409e-04	9.7503e-03	1.6898e-04	9.4196e-06	6.4323e-06	5.6928e-06
2119	1.0947e-03	9.1080e-03	7.5907e-04	-4.7184e-06	5.2370e-06	4.9737e-06
2120	1.3158e-03	6.0560e-03	1.2349e-03	6.6959e-06	-2.9428e-07	2.6611e-05
2121	1.2943e-03	8.6770e-03	1.1710e-03	-1.2402e-05	2.5287e-06	2.2857e-05
2122	1.2755e-03	3.6471e-03	1.0622e-03	1.6621e-05	-2.3169e-06	1.6712e-05
2123	1.2353e-03	2.2638e-03	7.3239e-04	1.9365e-05	-3.4881e-06	6.1891e-06
2124	-7.5805e-08	-7.9187e-04	0.0000e+00	0.0000e+00	0.0000e+00	4.3592e-05
2125	1.2384e-03	2.0758e-03	3.1391e-04	1.1498e-05	-4.0160e-06	-3.0093e-07

SPOSTAMENTI NODALI "V-y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.4324e-02	-4.0770e-05	5.2158e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.4872e-03	-3.9835e-06	4.3603e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.1098e-02	5.9105e-06	5.0010e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.0771e-02	-1.1458e-05	4.9920e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.0753e-02	2.0242e-06	5.0116e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	1.1141e-02	-3.4324e-06	5.1486e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	1.0478e-02	-7.4930e-06	4.9218e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	1.1369e-02	4.4355e-06	5.0755e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	1.0756e-02	-1.2359e-05	4.8510e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	9.3258e-03	-4.1665e-06	4.2410e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	9.2338e-03	7.6445e-06	3.8331e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	2.2048e-03	-3.1039e-05	-8.1626e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-8.0287e-04	-1.2752e-05	-5.9877e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-1.4965e-04	-1.2357e-05	-7.5784e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-7.1440e-04	-1.4915e-05	-7.4501e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-4.1405e-04	-1.2291e-05	-7.7166e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.8802e-04	-1.3271e-05	-8.1767e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-6.7147e-04	-1.3781e-05	-7.9119e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-2.4072e-04	-1.2100e-05	-8.7532e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-7.1512e-04	-1.4566e-05	-8.5226e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-4.2490e-04	-1.2949e-05	-7.9990e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-9.2485e-05	-7.0535e-06	-7.3493e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	1.0735e-02	-2.9594e-05	-3.6311e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	8.0635e-03	-1.7519e-06	-4.1623e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	1.0526e-02	4.6855e-06	-5.0363e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	1.0077e-02	-1.1129e-05	-5.0673e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	9.9763e-03	6.9758e-08	-4.9195e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	9.5820e-03	-3.4973e-06	-4.1816e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	9.7152e-03	-5.7185e-06	-4.9352e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	1.0751e-02	3.8190e-06	-5.3117e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0190e-02	-1.1549e-05	-5.2018e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	9.0521e-03	-5.1313e-06	-4.5410e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	7.5433e-03	1.8421e-06	-3.3739e-05	0.0000e+00
34	2.8295e-03	7.3985e-02	1.7607e-02	-1.7959e-04	1.7860e-05	2.6948e-06
35	2.8295e-03	7.5160e-02	2.4657e-03	-1.7876e-04	-1.6835e-06	2.6948e-06
36	2.8295e-03	7.5979e-02	1.3366e-02	-1.8599e-04	-1.8884e-05	2.6948e-06
37	1.7516e-03	7.3985e-02	1.2262e-02	-1.4132e-04	1.5866e-05	2.6948e-06
38	5.6592e-04	7.3985e-02	1.5147e-02	-1.2950e-04	1.5906e-05	2.6948e-06
39	-1.8863e-04	7.3985e-02	1.4648e-02	-1.2582e-04	1.5134e-05	2.6948e-06
40	-1.3743e-03	7.3985e-02	1.5092e-02	-1.4026e-04	1.3092e-05	2.6948e-06
41	-2.3175e-03	7.3985e-02	1.5135e-02	-1.2843e-04	1.1146e-05	2.6948e-06
42	-3.2607e-03	7.3985e-02	1.4727e-02	-1.3740e-04	1.0148e-05	2.6948e-06
43	-4.4464e-03	7.3985e-02	1.5508e-02	-1.3087e-04	8.2520e-06	2.6948e-06
44	-5.2010e-03	7.3985e-02	1.4633e-02	-1.2675e-04	7.1681e-06	2.6948e-06
45	-6.3867e-03	7.3985e-02	1.3522e-02	-1.3984e-04	4.0101e-06	2.6948e-06
46	-7.4646e-03	7.3985e-02	1.1750e-02	-1.9384e-04	-6.1310e-07	2.6948e-06
47	1.7516e-03	7.5160e-02	-6.7585e-04	-1.3711e-04	-7.0555e-06	2.6948e-06
48	5.6592e-04	7.5160e-02	1.2373e-04	-1.2523e-04	-8.7423e-06	2.6948e-06
49	-1.8863e-04	7.5160e-02	-6.3426e-04	-1.2395e-04	-9.1656e-06	2.6948e-06
50	-1.3743e-03	7.5160e-02	-1.9621e-04	-1.3567e-04	-9.5951e-06	2.6948e-06
51	-2.3175e-03	7.5160e-02	-3.2217e-04	-1.2486e-04	-8.4983e-06	2.6948e-06
52	-3.2607e-03	7.5160e-02	-5.4143e-04	-1.3445e-04	-1.0657e-05	2.6948e-06
53	-4.4464e-03	7.5160e-02	3.1424e-05	-1.2570e-04	-1.1585e-05	2.6948e-06
54	-5.2010e-03	7.5160e-02	-6.4283e-04	-1.2412e-04	-1.2074e-05	2.6948e-06
55	-6.3867e-03	7.5160e-02	-2.3489e-04	-1.3482e-04	-1.2168e-05	2.6948e-06
56	-7.4646e-03	7.5160e-02	-8.9647e-05	-1.8705e-04	-8.9164e-06	2.6948e-06
57	1.7516e-03	7.5979e-02	1.1646e-02	-1.4388e-04	-2.1812e-05	2.6948e-06

58	5.6592e-04	7.5979e-02	1.4189e-02	-1.3346e-04	-2.6107e-05	2.6948e-06
59	-1.8863e-04	7.5979e-02	1.3541e-02	-1.3003e-04	-2.7431e-05	2.6948e-06
60	-1.3743e-03	7.5979e-02	1.3946e-02	-1.4458e-04	-2.9277e-05	2.6948e-06
61	-2.3175e-03	7.5979e-02	1.3078e-02	-1.3229e-04	-3.0439e-05	2.6948e-06
62	-3.2607e-03	7.5979e-02	1.3603e-02	-1.4129e-04	-3.1758e-05	2.6948e-06
63	-4.4464e-03	7.5979e-02	1.4441e-02	-1.3438e-04	-3.3229e-05	2.6948e-06
64	-5.2010e-03	7.5979e-02	1.3671e-02	-1.3052e-04	-3.4113e-05	2.6948e-06
65	-6.3867e-03	7.5979e-02	1.2970e-02	-1.4439e-04	-3.3956e-05	2.6948e-06
66	-7.4646e-03	7.5979e-02	9.7599e-03	-1.9812e-04	-2.9716e-05	2.6948e-06
67	0.0000e+00	0.0000e+00	1.6404e-02	-3.8933e-05	4.0952e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.0304e-02	-3.3670e-06	3.7263e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.3154e-02	7.7432e-06	4.1249e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.2832e-02	-1.1476e-05	4.1441e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2818e-02	3.3331e-06	4.1620e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3272e-02	-2.6738e-06	4.3016e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2512e-02	-7.1824e-06	4.1097e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3466e-02	5.9523e-06	4.2166e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2763e-02	-1.2601e-05	4.0326e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	1.1078e-02	-3.7402e-06	3.5524e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.0781e-02	6.9897e-06	3.0565e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	-4.4218e-03	-3.5903e-05	-6.6506e-05	0.0000e+00
1895	0.0000e+00	0.0000e+00	4.0947e-03	-3.6555e-06	-3.9136e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	1.9377e-03	-3.1716e-06	-1.7555e-05	0.0000e+00
1897	0.0000e+00	0.0000e+00	1.9249e-03	-1.2649e-07	-2.2966e-05	0.0000e+00
1898	0.0000e+00	0.0000e+00	2.1420e-03	-3.4680e-06	-1.9165e-05	0.0000e+00
1899	0.0000e+00	0.0000e+00	1.6488e-03	-2.2767e-06	-2.6943e-05	0.0000e+00
1900	0.0000e+00	0.0000e+00	2.2520e-03	-1.7754e-06	-1.7435e-05	0.0000e+00
1901	0.0000e+00	0.0000e+00	1.9959e-03	-5.2030e-06	-1.7580e-05	0.0000e+00
1902	0.0000e+00	0.0000e+00	2.3423e-03	-1.0986e-06	-1.6134e-05	0.0000e+00
1903	0.0000e+00	0.0000e+00	3.6449e-03	-1.2113e-06	-1.5360e-05	0.0000e+00
1904	0.0000e+00	0.0000e+00	-2.9538e-03	1.5569e-05	-8.8180e-05	0.0000e+00
1905	0.0000e+00	0.0000e+00	3.9192e-03	1.7249e-05	2.3042e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	1.7109e-03	1.3700e-07	1.4758e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	1.7558e-03	-2.1975e-06	1.1524e-05	0.0000e+00
1908	0.0000e+00	0.0000e+00	1.7180e-03	2.5045e-06	1.2007e-05	0.0000e+00
1909	0.0000e+00	0.0000e+00	1.7616e-03	-2.6794e-06	1.6991e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	2.6811e-03	-8.2236e-08	2.5901e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	1.7672e-03	2.7052e-06	1.8022e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	1.7098e-03	-2.4281e-06	1.4761e-05	0.0000e+00
1913	0.0000e+00	0.0000e+00	1.7640e-03	1.7720e-06	1.5920e-05	0.0000e+00
1914	0.0000e+00	0.0000e+00	2.3456e-03	1.2964e-07	2.3375e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	3.1301e-03	-1.3234e-05	3.8591e-05	0.0000e+00
1916	-5.6291e-02	8.4851e-01	4.3121e-02	-2.5003e-03	1.3303e-04	-2.5880e-03
1917	-2.3222e-01	8.5885e-01	6.7722e-01	-6.4849e-04	-4.7861e-04	-6.0341e-05
1918	-2.2122e-01	8.5662e-01	5.5525e-01	-7.8915e-04	-1.5456e-03	-9.3097e-05
1919	-4.2495e-01	7.6237e-01	4.7318e-01	3.3242e-04	3.6511e-03	-1.3109e-03
1920	-1.7728e-01	8.5608e-01	3.3581e-01	-1.1398e-03	-2.0449e-03	-2.1352e-04
1921	-1.0459e-01	8.3428e-01	9.8364e-02	-1.5272e-03	-1.5742e-03	-7.5818e-05
1922	-7.8046e-02	8.1649e-01	2.2865e-02	-1.5381e-03	-2.6751e-04	-8.5618e-04
1923	-9.6413e-02	8.4431e-01	5.2953e-02	-2.6546e-03	1.5558e-04	-2.6992e-03
1924	-1.1399e-01	9.3177e-01	8.0626e-02	-4.6999e-03	-5.4162e-06	-3.7361e-03
1925	-2.9067e-01	8.5592e-01	8.7837e-01	-5.6610e-04	-2.4560e-03	-7.5765e-05
1926	-1.0214e-01	8.0639e-01	6.8560e-02	-6.7720e-03	-4.1843e-04	-2.3881e-03
1927	-4.7951e-01	6.9793e-01	2.4911e-02	-1.2421e-04	-2.6315e-04	-3.4261e-04
1928	-4.8376e-01	6.9735e-01	4.5938e-02	3.8988e-05	-4.7744e-04	-4.7797e-04
1929	-5.4006e-01	6.9450e-01	3.9427e-02	-9.6371e-05	-4.2552e-04	-4.1914e-04
1930	-5.4285e-01	6.9215e-01	3.9574e-02	-1.5645e-04	-4.2909e-04	-4.0397e-04
1931	-5.8539e-01	6.8757e-01	4.3524e-02	-2.3011e-04	-4.7426e-04	-4.0285e-04
1932	-5.4452e-01	6.8315e-01	3.9911e-02	-3.2018e-04	-4.2477e-04	-3.7848e-04
1933	-5.8494e-01	6.7795e-01	4.3624e-02	-3.8264e-04	-4.7609e-04	-3.9320e-04
1934	-5.5337e-01	6.7037e-01	3.9328e-02	-5.0878e-04	-4.2483e-04	-3.8080e-04
1935	-5.4434e-01	6.6488e-01	3.9601e-02	-5.8813e-04	-4.2879e-04	-3.8519e-04
1936	-5.5170e-01	6.5520e-01	4.6808e-02	-6.9929e-04	-5.1296e-04	-4.2247e-04
1937	-3.8976e-01	6.4538e-01	2.3016e-02	-1.0154e-03	-2.1569e-04	-3.1464e-04
1938	-9.5619e-02	8.1186e-01	3.1261e-02	-1.3459e-03	-1.3041e-03	-2.0700e-04
1939	-4.8735e-01	6.3450e-01	2.1883e-02	1.8970e-03	1.5943e-03	-8.2953e-04
1940	-4.5722e-02	8.0845e-01	2.8504e-02	-1.2812e-03	-1.7215e-03	-2.4067e-04
1941	-6.4076e-02	8.0456e-01	3.2100e-02	-1.2377e-03	-1.7633e-03	-2.6177e-04
1942	-6.6391e-02	8.0299e-01	3.1717e-02	-1.1940e-03	-1.7587e-03	-2.6273e-04
1943	-6.5631e-02	8.0184e-01	3.3504e-02	-1.1207e-03	-1.9395e-03	-2.5092e-04
1944	-7.7954e-02	8.0149e-01	3.2299e-02	-1.1650e-03	-1.6880e-03	-2.6356e-04
1945	-6.5736e-02	8.0239e-01	3.3142e-02	-1.1346e-03	-1.9383e-03	-2.4366e-04

1946	-7.3658e-02	8.0433e-01	3.2878e-02	-1.2235e-03	-1.7488e-03	-2.4579e-04
1947	-6.7439e-02	8.0649e-01	3.1755e-02	-1.2761e-03	-1.7568e-03	-2.3798e-04
1948	-4.1381e-02	8.1163e-01	3.1385e-02	-1.3271e-03	-1.9934e-03	-2.0315e-04
1949	-7.8901e-02	8.1461e-01	2.3128e-02	-1.5632e-03	-1.0583e-03	-2.3235e-04
1950	-5.0654e-01	6.3451e-01	2.3721e-02	2.3103e-03	1.9602e-03	-1.0357e-03
1951	-5.5650e-01	6.3331e-01	2.6142e-02	2.0862e-03	2.0599e-03	-1.0052e-03
1952	-5.5977e-01	6.3257e-01	2.5505e-02	2.0107e-03	2.0605e-03	-1.0021e-03
1953	-6.0456e-01	6.3167e-01	2.7054e-02	1.9620e-03	2.2509e-03	-1.0126e-03
1954	-5.6191e-01	6.3119e-01	2.4752e-02	1.8669e-03	2.0110e-03	-9.9037e-04
1955	-6.0437e-01	6.3112e-01	2.6712e-02	1.8751e-03	2.2494e-03	-1.0044e-03
1956	-5.6961e-01	6.3135e-01	2.6421e-02	1.8087e-03	2.0695e-03	-9.8346e-04
1957	-5.6120e-01	6.3169e-01	2.5638e-02	1.8017e-03	2.0616e-03	-9.7987e-04
1958	-5.7457e-01	6.3235e-01	2.5849e-02	1.8785e-03	2.2338e-03	-1.0016e-03
1959	-3.9532e-01	6.3134e-01	1.7504e-02	1.5181e-03	1.3019e-03	-9.2192e-04
1960	-4.0272e-01	7.0164e-01	4.4107e-03	-8.1535e-04	-1.4965e-04	-4.4238e-05
1961	-5.8336e-01	7.0409e-01	3.3850e-03	-5.1122e-04	-3.5824e-04	-1.6880e-04
1962	-5.7101e-01	7.0713e-01	3.0199e-03	-4.0802e-04	-2.9594e-04	-1.4224e-04
1963	-5.7986e-01	7.0903e-01	2.9763e-03	-3.3168e-04	-2.9200e-04	-1.4193e-04
1964	-6.1444e-01	7.1193e-01	3.1582e-03	-2.0875e-04	-3.3043e-04	-1.5864e-04
1965	-5.7078e-01	7.1392e-01	3.8889e-03	-1.5582e-04	-2.9558e-04	-1.5679e-04
1966	-6.1482e-01	7.1591e-01	3.1644e-03	-6.9377e-05	-3.2860e-04	-1.8605e-04
1967	-5.6953e-01	7.1783e-01	2.9750e-03	-1.0382e-05	-2.9627e-04	-2.0695e-04
1968	-5.6658e-01	7.1875e-01	3.0354e-03	3.9340e-05	-2.9268e-04	-2.3609e-04
1969	-5.1400e-01	7.1957e-01	4.5272e-03	1.5684e-04	-3.2171e-04	-3.1860e-04
1970	-4.9539e-01	7.1990e-01	3.1452e-03	-1.4642e-05	-1.8924e-04	-1.9482e-04
1971	-1.2680e-02	-1.9761e-04	-3.0046e-03	-5.5872e-06	-1.0775e-04	-2.9189e-06
1972	-3.7674e-04	2.0002e-03	3.8044e-03	-2.3897e-05	7.8119e-07	-2.7739e-06
1973	-1.8498e-03	1.8838e-03	2.4202e-03	-2.2557e-05	-1.4696e-05	-2.7114e-06
1974	-2.1220e-03	2.3652e-03	2.0695e-03	-2.6372e-05	-1.7150e-05	-2.6686e-06
1975	-1.8445e-03	1.9547e-03	2.3445e-03	-2.3058e-05	-1.4234e-05	-2.6157e-06
1976	-3.7377e-03	1.9633e-03	1.6990e-03	-2.2935e-05	-3.1464e-05	-2.6179e-06
1977	-2.0605e-03	2.1504e-03	2.2343e-03	-2.4598e-05	-1.5998e-05	-2.5993e-06
1978	-3.0270e-03	1.7148e-03	1.9873e-03	-2.0979e-05	-2.5123e-05	-2.6364e-06
1979	-2.1613e-03	2.0989e-03	2.0093e-03	-2.4144e-05	-1.7577e-05	-2.6608e-06
1980	1.2254e-03	2.2401e-03	4.2612e-03	-2.5602e-05	1.4300e-05	-2.6982e-06
1981	-9.7096e-03	5.9725e-03	-4.4563e-03	-5.5113e-05	-8.2826e-05	-2.7578e-06
1982	-1.1347e-01	8.2861e-01	7.6312e-02	-6.9676e-03	-4.6964e-04	-2.6464e-03
1983	-2.2233e-01	8.5456e-01	5.2978e-01	-9.8577e-04	-3.2554e-03	-9.9328e-05
1984	-1.2873e-01	9.3890e-01	9.0995e-02	-4.6132e-03	-2.9103e-05	-3.7451e-03
1985	-1.1128e-01	8.5614e-01	6.1933e-02	-2.5703e-03	1.3543e-04	-2.6510e-03
1986	-9.4013e-02	8.1777e-01	3.1237e-02	-1.3037e-03	-3.6151e-04	-8.5688e-04
1987	-4.9976e-01	7.2307e-01	-3.3863e-03	1.4471e-04	-1.2461e-04	-1.4891e-04
1988	-5.0779e-01	6.9426e-01	-1.8178e-02	1.1736e-03	4.7423e-04	1.3503e-04
1989	-3.8144e-01	7.4145e-01	3.3690e-01	4.1357e-04	2.5951e-03	-1.3007e-03
1990	-4.7489e-01	6.3853e-01	5.3319e-02	1.7643e-03	1.8094e-03	-1.0666e-03
1991	-3.1324e-01	8.2324e-01	6.2515e-01	-2.4070e-04	2.1793e-03	-1.9225e-04
1992	-2.8955e-01	8.0922e-01	8.1268e-01	1.7476e-04	9.8995e-04	-5.9498e-05
1993	-8.0342e-02	9.3256e-01	7.7343e-02	-4.5384e-03	5.0506e-05	-3.5893e-03
1994	-2.8723e-01	8.4228e-01	8.3625e-01	-4.4892e-04	-5.8296e-04	-1.5451e-04
1995	-2.7262e-01	8.3250e-01	6.8584e-01	-3.8989e-04	-1.9095e-03	-4.7134e-05
1996	-3.3104e-01	8.3681e-01	8.7877e-01	-5.9162e-05	3.0375e-03	-3.5767e-04
1997	-2.1733e-01	8.4725e-01	4.1406e-01	-9.2549e-04	-2.5252e-03	-2.8949e-04
1998	-1.2682e-01	8.3004e-01	1.2145e-01	-1.3201e-03	-1.9347e-03	-3.7547e-05
1999	-5.1790e-01	7.2287e-01	-1.1457e-03	3.3771e-04	-2.0722e-04	-3.1023e-04
2000	-5.2664e-01	6.9797e-01	-1.7058e-02	1.4656e-03	5.5050e-04	-3.3084e-06
2001	-3.7375e-01	7.5560e-01	4.2206e-01	6.7873e-04	3.2013e-03	-1.3708e-03
2002	-4.9045e-01	6.3900e-01	6.4746e-02	2.1630e-03	2.2370e-03	-1.3087e-03
2003	-2.9356e-01	8.2522e-01	7.7403e-01	2.2795e-04	2.6336e-03	-2.8112e-04
2004	-2.6843e-01	8.2451e-01	9.9576e-01	3.5156e-04	1.1712e-03	-9.8489e-05
2005	-1.0824e-01	8.2337e-01	1.5218e-01	-1.2659e-03	-2.5460e-03	9.3314e-06
2006	-2.7003e-01	8.4412e-01	1.0226e+00	-1.2845e-04	-7.2285e-04	-2.0483e-05
2007	-2.5652e-01	8.3063e-01	8.3897e-01	-1.1922e-04	-2.3289e-03	-2.5578e-05
2008	-3.0040e-01	8.5053e-01	1.1364e+00	-8.3446e-05	1.3595e-03	-6.9988e-05
2009	-1.9315e-01	8.4754e-01	5.0879e-01	-8.0683e-04	-3.1063e-03	-2.3126e-04
2010	-8.5177e-02	8.2479e-01	1.4664e-01	-1.2318e-03	-2.4658e-03	-5.9943e-06
2011	-4.0473e-02	8.1781e-01	1.2278e-02	-1.3191e-03	-5.3156e-04	-8.8847e-04
2012	-6.5370e-02	8.5448e-01	4.9036e-02	-2.5225e-03	1.7369e-04	-2.6234e-03
2013	-9.0352e-02	9.3866e-01	8.4093e-02	-4.5538e-03	5.0996e-05	-3.6436e-03
2014	-6.3013e-02	8.1716e-01	2.0831e-02	-1.2518e-03	-5.2906e-04	-9.0130e-04
2015	-8.2302e-02	8.1998e-01	7.3197e-02	-6.7601e-03	-3.6311e-04	-2.4181e-03
2016	-5.7132e-01	7.2170e-01	-3.9787e-03	2.2647e-04	-1.8906e-04	-1.8713e-04
2017	-5.8091e-01	6.8985e-01	-2.1651e-02	1.3590e-03	5.9880e-04	4.3547e-05

2018	-4.1818e-01	7.5226e-01	4.3781e-01	5.4407e-04	3.3522e-03	-1.3231e-03
2019	-5.3990e-01	6.3861e-01	6.8106e-02	1.9441e-03	2.3429e-03	-1.2562e-03
2020	-3.3146e-01	8.2761e-01	8.0909e-01	3.7979e-05	2.7750e-03	-3.6981e-04
2021	-3.0293e-01	8.3840e-01	1.0430e+00	2.8892e-05	1.2317e-03	-7.1539e-05
2022	-7.2933e-02	8.0819e-01	6.7623e-02	-6.6510e-03	-3.2872e-04	-2.2931e-03
2023	-3.0272e-01	8.4712e-01	1.0702e+00	-2.5679e-04	-7.6559e-04	1.9455e-05
2024	-2.8658e-01	8.3754e-01	8.7657e-01	-3.1290e-04	-2.4506e-03	-6.0008e-05
2025	-3.0059e-01	8.5893e-01	1.1677e+00	-3.0608e-04	-8.2737e-04	-4.6418e-05
2026	-2.1851e-01	8.4817e-01	5.2900e-01	-9.0478e-04	-3.2477e-03	-1.7624e-04
2027	-1.0481e-01	8.2025e-01	1.5240e-01	-1.2215e-03	-2.5461e-03	9.5772e-07
2028	-5.9191e-02	8.1789e-01	1.9685e-02	-1.2293e-03	-5.4242e-04	-9.3743e-04
2029	-8.1971e-02	8.6194e-01	5.5889e-02	-2.4898e-03	1.6209e-04	-2.6022e-03
2030	-1.0605e-01	9.3827e-01	9.1250e-02	-4.5434e-03	3.1830e-05	-3.5114e-03
2031	-8.6657e-02	8.5786e-01	5.8516e-02	-2.4791e-03	1.7220e-04	-2.5777e-03
2032	-9.6128e-02	8.1227e-01	7.9671e-02	-6.6833e-03	-4.1756e-04	-2.3020e-03
2033	-5.7433e-01	7.2073e-01	-4.1362e-03	1.8209e-04	-1.9258e-04	-1.4137e-04
2034	-5.8412e-01	6.8609e-01	-2.2148e-02	1.3273e-03	5.9670e-04	5.5315e-05
2035	-4.2134e-01	7.5102e-01	4.3750e-01	5.1029e-04	3.3561e-03	-1.3148e-03
2036	-5.4317e-01	6.3823e-01	6.7487e-02	1.8714e-03	2.3440e-03	-1.2446e-03
2037	-3.3451e-01	8.2911e-01	8.0929e-01	-1.7441e-05	2.7800e-03	-4.0721e-04
2038	-3.0591e-01	8.4396e-01	1.0437e+00	-6.6059e-05	1.2363e-03	-6.3936e-05
2039	-4.0540e-01	7.1219e-01	1.1481e-04	-5.8448e-04	-9.6074e-05	1.2377e-04
2040	-3.0561e-01	8.4918e-01	1.0714e+00	-2.8371e-04	-7.6456e-04	2.8436e-05
2041	-2.8939e-01	8.4143e-01	8.7764e-01	-3.7071e-04	-2.4543e-03	-6.7472e-05
2042	-2.8341e-01	8.5850e-01	9.5642e-01	-5.1296e-04	-2.6734e-03	-6.0206e-05
2043	-2.2113e-01	8.4877e-01	5.2937e-01	-9.1867e-04	-3.2530e-03	-1.4016e-04
2044	-1.0717e-01	8.1834e-01	1.5210e-01	-1.1904e-03	-2.5459e-03	1.3431e-05
2045	-6.1827e-02	8.1794e-01	2.0341e-02	-1.1702e-03	-5.3303e-04	-9.4766e-04
2046	-8.5213e-02	8.6509e-01	5.7583e-02	-2.4545e-03	1.6926e-04	-2.5776e-03
2047	-1.0959e-01	9.3794e-01	9.3482e-02	-4.5182e-03	3.0293e-05	-3.4352e-03
2048	-1.1115e-01	9.3369e-01	9.4633e-02	-4.5314e-03	2.9309e-05	-3.4722e-03
2049	-9.9170e-02	8.0854e-01	8.1427e-02	-6.6249e-03	-4.3084e-04	-2.2312e-03
2050	-6.2012e-01	7.1901e-01	-4.6895e-03	1.3267e-04	-2.1495e-04	-1.0435e-04
2051	-6.3103e-01	6.8212e-01	-2.4739e-02	1.3093e-03	6.4880e-04	5.8051e-05
2052	-4.5318e-01	7.5033e-01	4.7762e-01	5.0813e-04	3.6684e-03	-1.3213e-03
2053	-5.8640e-01	6.3771e-01	7.2971e-02	1.8264e-03	2.5612e-03	-1.2484e-03
2054	-3.5825e-01	8.3132e-01	8.8405e-01	-3.2694e-05	3.0370e-03	-4.4963e-04
2055	-3.2703e-01	8.4993e-01	1.1400e+00	-1.1065e-04	1.3477e-03	-6.0769e-05
2056	-4.1125e-01	6.7932e-01	-1.2012e-02	8.1270e-04	3.7931e-04	3.2521e-04
2057	-3.2668e-01	8.5235e-01	1.1698e+00	-2.6621e-04	-8.3986e-04	2.8487e-05
2058	-3.0886e-01	8.4726e-01	9.5735e-01	-3.9968e-04	-2.6832e-03	-6.7411e-05
2059	-2.0995e-01	8.5569e-01	5.7737e-01	-9.0325e-04	-3.5560e-03	-1.0395e-04
2060	-2.3449e-01	8.5000e-01	5.7717e-01	-8.9246e-04	-3.5537e-03	-8.3977e-05
2061	-1.1022e-01	8.1685e-01	1.6528e-01	-1.1257e-03	-2.7914e-03	3.7826e-05
2062	-5.9819e-02	8.1797e-01	1.8394e-02	-1.0891e-03	-6.0717e-04	-9.3999e-04
2063	-8.4021e-02	8.6768e-01	5.6724e-02	-2.3950e-03	1.6983e-04	-2.5344e-03
2064	-1.1019e-01	9.3725e-01	9.4965e-02	-4.4699e-03	4.1205e-05	-3.3433e-03
2065	-1.0049e-01	8.0412e-01	8.2341e-02	-6.6082e-03	-4.3709e-04	-2.2207e-03
2066	-1.0035e-01	8.0445e-01	8.3326e-02	-6.5463e-03	-4.3279e-04	-2.1420e-03
2067	-5.7561e-01	7.1761e-01	-3.2565e-03	4.7213e-05	-1.9453e-04	-6.1309e-05
2068	-6.1977e-01	7.1633e-01	-4.7377e-03	2.3731e-06	-2.1678e-04	-5.7986e-05
2069	-5.8555e-01	6.8020e-01	-2.1512e-02	1.2332e-03	5.7809e-04	9.4199e-05
2070	-6.3077e-01	6.7951e-01	-2.4952e-02	1.2265e-03	6.4709e-04	9.4127e-05
2071	-4.2670e-01	7.5064e-01	4.2718e-01	4.1420e-04	3.2826e-03	-1.3024e-03
2072	-4.5303e-01	7.5186e-01	4.7715e-01	4.3449e-04	3.6673e-03	-1.3138e-03
2073	-5.4570e-01	6.3746e-01	6.5713e-02	1.7310e-03	2.2885e-03	-1.2240e-03
2074	-5.8622e-01	6.3751e-01	7.2611e-02	1.7406e-03	2.5598e-03	-1.2404e-03
2075	-3.4170e-01	8.3284e-01	7.9109e-01	-1.3574e-04	2.7259e-03	-4.4459e-04
2076	-3.5813e-01	8.3420e-01	8.8347e-01	-9.7653e-05	3.0360e-03	-4.5956e-04
2077	-3.1360e-01	8.5242e-01	1.0215e+00	-2.1951e-04	1.2214e-03	-5.5247e-05
2078	-3.2692e-01	8.5497e-01	1.1394e+00	-1.9087e-04	1.3468e-03	-5.8579e-05
2079	-3.0690e-01	7.6465e-01	2.7776e-01	-4.7344e-05	2.1176e-03	-1.1999e-03
2080	-2.5174e-01	8.3691e-01	5.1156e-01	-4.1301e-04	1.7513e-03	-2.6517e-04
2081	-3.1310e-01	8.5449e-01	1.0504e+00	-3.6270e-04	-7.3807e-04	2.5201e-05
2082	-3.2664e-01	8.5626e-01	1.1690e+00	-3.1369e-04	-8.3961e-04	2.3649e-05
2083	-2.9710e-01	8.4962e-01	8.6152e-01	-4.9629e-04	-2.4014e-03	-7.6362e-05
2084	-3.0890e-01	8.5260e-01	9.5673e-01	-4.7126e-04	-2.6818e-03	-7.0505e-05
2085	-8.6157e-02	8.2953e-01	1.6473e-01	-1.2821e-03	-2.8270e-03	-5.8959e-07
2086	-3.3565e-02	8.1679e-01	8.7413e-03	-1.3449e-03	-6.6739e-04	-8.2754e-04
2087	-2.2987e-01	8.5105e-01	5.1979e-01	-9.6758e-04	-3.1863e-03	-8.8321e-05
2088	-2.3455e-01	8.5223e-01	5.7667e-01	-9.2170e-04	-3.5526e-03	-6.4251e-05
2089	-1.1783e-01	8.1675e-01	1.4973e-01	-1.1783e-03	-2.4743e-03	2.7141e-05

2090	-1.1031e-01	8.1782e-01	1.6488e-01	-1.1423e-03	-2.7903e-03	4.2077e-05
2091	-7.5049e-02	8.1788e-01	2.6216e-02	-1.1189e-03	-4.7446e-04	-9.5924e-04
2092	-5.9956e-02	8.1773e-01	1.8127e-02	-1.0973e-03	-6.0594e-04	-9.2985e-04
2093	-1.0057e-01	8.6790e-01	6.7224e-02	-2.4240e-03	1.9556e-04	-2.5516e-03
2094	-8.4221e-02	8.6638e-01	5.6556e-02	-2.3924e-03	1.7080e-04	-2.5263e-03
2095	-1.2542e-01	9.3653e-01	1.0434e-01	-4.4976e-03	1.6439e-05	-3.3475e-03
2096	-1.1043e-01	9.3569e-01	9.4866e-02	-4.4652e-03	4.1720e-05	-3.3299e-03
2097	-5.8877e-01	7.1306e-01	-4.6026e-03	-2.8298e-04	-2.3938e-04	-5.8740e-05
2098	-6.0046e-01	6.8509e-01	-2.6000e-02	1.0822e-03	6.3482e-04	1.7595e-04
2099	-1.1246e-01	8.0247e-01	8.9822e-02	-6.5552e-03	-4.9027e-04	-2.1412e-03
2100	-1.0061e-01	8.0184e-01	8.3247e-02	-6.5215e-03	-4.3277e-04	-2.1169e-03
2101	-5.8461e-01	7.1485e-01	-4.0614e-03	-1.1792e-04	-1.8823e-04	-3.1550e-05
2102	-5.9420e-01	6.8006e-01	-2.1723e-02	1.1375e-03	6.0268e-04	1.3914e-04
2103	-4.3073e-01	7.5449e-01	4.3975e-01	3.4102e-04	3.3685e-03	-1.2965e-03
2104	-5.5295e-01	6.3785e-01	6.8536e-02	1.6722e-03	2.3536e-03	-1.2259e-03
2105	-3.4358e-01	8.3553e-01	8.1290e-01	-1.6553e-04	2.7923e-03	-4.2588e-04
2106	-3.1483e-01	8.5477e-01	1.0486e+00	-2.4140e-04	1.2456e-03	-5.6860e-05
2107	-2.3322e-01	8.4853e-01	6.5900e-01	-4.1005e-04	7.8131e-04	-5.0252e-05
2108	-3.1440e-01	8.5781e-01	1.0772e+00	-3.8714e-04	-7.6360e-04	5.3390e-06
2109	-2.9802e-01	8.5468e-01	8.8289e-01	-5.4820e-04	-2.4646e-03	-7.6351e-05
2110	-5.5659e-01	6.3871e-01	7.1502e-02	1.7373e-03	2.5423e-03	-1.2712e-03
2111	-2.2926e-01	8.5369e-01	5.3273e-01	-9.8063e-04	-3.2675e-03	-8.6294e-05
2112	-1.1458e-01	8.2058e-01	1.5353e-01	-1.2249e-03	-2.5472e-03	2.1275e-05
2113	-6.9867e-02	8.1739e-01	2.4025e-02	-1.1880e-03	-5.1136e-04	-9.2311e-04
2114	-9.4656e-02	8.6212e-01	6.3698e-02	-2.4492e-03	1.8458e-04	-2.5602e-03
2115	-1.1959e-01	9.3447e-01	1.0070e-01	-4.5107e-03	2.2794e-05	-3.4079e-03
2116	-3.8473e-01	6.3867e-01	4.3983e-02	1.3716e-03	1.4812e-03	-1.1844e-03
2117	-1.0765e-01	8.0259e-01	8.7133e-02	-6.5753e-03	-4.6878e-04	-2.1756e-03
2118	-5.7580e-01	7.1406e-01	-4.0873e-03	-1.9062e-04	-1.9223e-04	-2.9014e-05
2119	-5.8557e-01	6.8138e-01	-2.2072e-02	1.0969e-03	5.9736e-04	1.6158e-04
2120	-4.2271e-01	7.5698e-01	4.3782e-01	3.0833e-04	3.3579e-03	-1.2927e-03
2121	-5.4459e-01	6.3818e-01	6.7638e-02	1.6634e-03	2.3453e-03	-1.2302e-03
2122	-3.3583e-01	8.3617e-01	8.0981e-01	-1.6596e-04	2.7818e-03	-4.0242e-04
2123	-3.0721e-01	8.5405e-01	1.0444e+00	-2.3106e-04	1.2375e-03	-5.8738e-05
2124	-2.3175e-03	7.4989e-02	0.0000e+00	0.0000e+00	0.0000e+00	2.6948e-06
2125	-3.0690e-01	8.5845e-01	1.0722e+00	-3.9576e-04	-7.6455e-04	-8.2131e-06

SPOSTAMENTI NODALI "V+y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	7.4830e-04	-1.2805e-05	3.4752e-08	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.7407e-03	-4.0483e-06	-5.8139e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-1.4300e-03	-4.4833e-06	-6.4507e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.8918e-03	-2.3259e-06	-7.6679e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	-1.4148e-03	-3.4506e-06	-6.7660e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-1.6179e-03	-3.3863e-06	-7.4405e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.6644e-03	-2.0524e-06	-7.5712e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.3000e-03	-4.5731e-06	-6.8170e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.7168e-03	-1.9492e-06	-7.7846e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-9.4994e-04	-4.1570e-06	-7.1796e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.3119e-03	-2.0087e-05	-1.3757e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	9.8754e-04	-1.7227e-05	7.3625e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-9.5658e-05	-1.2885e-05	2.0334e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	3.4566e-04	-1.3636e-05	1.6599e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6726e-04	-1.3313e-05	1.8465e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	2.0755e-04	-1.3157e-05	1.2418e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	7.0821e-05	-1.3283e-05	1.1956e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-5.0075e-05	-1.2940e-05	1.0419e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.0530e-04	-1.3723e-05	5.2586e-07	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.1930e-04	-1.3305e-05	7.0413e-07	0.0000e+00
21	0.0000e+00	0.0000e+00	2.8105e-04	-1.2840e-05	1.0173e-08	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.3142e-03	-2.0897e-05	1.6357e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	2.3291e-04	-1.1452e-05	3.9167e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.7317e-03	-3.6782e-06	8.2302e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.3508e-03	-4.6448e-06	8.3309e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.8647e-03	-2.5609e-06	8.8381e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-1.3149e-03	-3.2529e-06	7.3133e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-1.4059e-03	-3.4964e-06	6.1368e-06	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.5738e-03	-2.4026e-06	7.1432e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-1.1895e-03	-4.7471e-06	6.3780e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-1.6832e-03	-2.2417e-06	6.6627e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-7.6583e-04	-3.2454e-06	4.5244e-06	0.0000e+00

33 0.0000e+00 0.0000e+00 -2.9991e-03 -1.6396e-05 6.5831e-06 0.0000e+00
34 5.5497e-03 7.4037e-02 6.8952e-04 -1.8789e-04 8.0136e-06 2.7255e-06
35 5.5497e-03 7.5226e-02 1.0969e-03 -1.8369e-04 4.3921e-06 2.7255e-06
36 5.5497e-03 7.6054e-02 7.7105e-05 -1.9316e-04 9.1225e-06 2.7255e-06
37 4.4595e-03 7.4037e-02 -2.5403e-03 -1.4052e-04 4.5534e-06 2.7255e-06
38 3.2603e-03 7.4037e-02 -1.9307e-03 -1.2796e-04 2.7301e-06 2.7255e-06
39 2.4971e-03 7.4037e-02 -2.5933e-03 -1.2877e-04 1.8068e-06 2.7255e-06
40 1.2979e-03 7.4037e-02 -2.0019e-03 -1.3872e-04 -2.1986e-07 2.7255e-06
41 3.4398e-04 7.4037e-02 -2.1997e-03 -1.2849e-04 -1.6260e-06 2.7255e-06
42 -6.0995e-04 7.4037e-02 -2.3260e-03 -1.3913e-04 -3.1653e-06 2.7255e-06
43 -1.8092e-03 7.4037e-02 -1.7602e-03 -1.2801e-04 -5.1888e-06 2.7255e-06
44 -2.5723e-03 7.4037e-02 -2.3507e-03 -1.2840e-04 -6.0333e-06 2.7255e-06
45 -3.7715e-03 7.4037e-02 -1.3560e-03 -1.4083e-04 -7.5246e-06 2.7255e-06
46 -4.8617e-03 7.4037e-02 -5.1258e-03 -1.8573e-04 -1.0613e-05 2.7255e-06
47 4.4595e-03 7.5226e-02 -1.5030e-04 -1.3590e-04 3.9322e-06 2.7255e-06
48 3.2603e-03 7.5226e-02 4.2100e-04 -1.2470e-04 3.2094e-06 2.7255e-06
49 2.4971e-03 7.5226e-02 -2.8893e-04 -1.2506e-04 2.7880e-06 2.7255e-06
50 1.2979e-03 7.5226e-02 2.2601e-04 -1.3509e-04 2.0333e-06 2.7255e-06
51 3.4398e-04 7.5226e-02 4.6601e-05 -1.2497e-04 1.2712e-06 2.7255e-06
52 -6.0995e-04 7.5226e-02 -1.1932e-04 -1.3527e-04 9.9027e-07 2.7255e-06
53 -1.8092e-03 7.5226e-02 3.7566e-04 -1.2480e-04 3.2607e-07 2.7255e-06
54 -2.5723e-03 7.5226e-02 -3.4490e-04 -1.2486e-04 -8.6468e-08 2.7255e-06
55 -3.7715e-03 7.5226e-02 2.8875e-04 -1.3627e-04 -1.2379e-06 2.7255e-06
56 -4.8617e-03 7.5226e-02 -1.4634e-03 -1.8244e-04 -2.8006e-06 2.7255e-06
57 4.4595e-03 7.6054e-02 -2.4395e-03 -1.4429e-04 1.0193e-05 2.7255e-06
58 3.2603e-03 7.6054e-02 -1.7845e-03 -1.3192e-04 8.4679e-06 2.7255e-06
59 2.4971e-03 7.6054e-02 -2.5014e-03 -1.3265e-04 7.3717e-06 2.7255e-06
60 1.2979e-03 7.6054e-02 -1.8508e-03 -1.4284e-04 5.7349e-06 2.7255e-06
61 3.4398e-04 7.6054e-02 -1.9188e-03 -1.3242e-04 4.4626e-06 2.7255e-06
62 -6.0995e-04 7.6054e-02 -2.1905e-03 -1.4332e-04 3.2111e-06 2.7255e-06
63 -1.8092e-03 7.6054e-02 -1.6022e-03 -1.3202e-04 1.5125e-06 2.7255e-06
64 -2.5723e-03 7.6054e-02 -2.2963e-03 -1.3234e-04 3.4746e-07 2.7255e-06
65 -3.7715e-03 7.6054e-02 -1.1502e-03 -1.4430e-04 -2.0012e-06 2.7255e-06
66 -4.8617e-03 7.6054e-02 -3.5825e-03 -1.9137e-04 -1.7768e-06 2.7255e-06
67 0.0000e+00 0.0000e+00 7.3839e-04 -1.2411e-05 -2.6408e-07 0.0000e+00
68 0.0000e+00 0.0000e+00 -1.9754e-03 -3.5307e-06 -4.6077e-06 0.0000e+00
69 0.0000e+00 0.0000e+00 -1.7023e-03 -3.8278e-06 -5.5002e-06 0.0000e+00
70 0.0000e+00 0.0000e+00 -2.2085e-03 -1.4600e-06 -6.3614e-06 0.0000e+00
71 0.0000e+00 0.0000e+00 -1.6962e-03 -2.7144e-06 -5.7031e-06 0.0000e+00
72 0.0000e+00 0.0000e+00 -1.9249e-03 -2.6214e-06 -6.1667e-06 0.0000e+00
73 0.0000e+00 0.0000e+00 -1.9726e-03 -1.1688e-06 -6.1358e-06 0.0000e+00
74 0.0000e+00 0.0000e+00 -1.5802e-03 -3.9294e-06 -5.5960e-06 0.0000e+00
75 0.0000e+00 0.0000e+00 -2.0317e-03 -1.0152e-06 -6.2760e-06 0.0000e+00
76 0.0000e+00 0.0000e+00 -1.2565e-03 -3.6385e-06 -6.5035e-06 0.0000e+00
77 0.0000e+00 0.0000e+00 -4.8549e-03 -1.9300e-05 -1.0709e-05 0.0000e+00
1894 0.0000e+00 0.0000e+00 -4.4567e-05 -5.6328e-06 2.5511e-05 0.0000e+00
1895 0.0000e+00 0.0000e+00 -2.3616e-04 -2.1763e-06 1.0159e-05 0.0000e+00
1896 0.0000e+00 0.0000e+00 -6.3225e-04 -1.9406e-06 2.1809e-08 0.0000e+00
1897 0.0000e+00 0.0000e+00 -3.4415e-04 -3.2959e-06 -9.8490e-07 0.0000e+00
1898 0.0000e+00 0.0000e+00 -4.2542e-04 -2.4408e-06 -6.2491e-08 0.0000e+00
1899 0.0000e+00 0.0000e+00 -2.6279e-04 -2.3568e-06 2.5877e-06 0.0000e+00
1900 0.0000e+00 0.0000e+00 -2.6368e-04 -2.7109e-06 2.6551e-06 0.0000e+00
1901 0.0000e+00 0.0000e+00 -3.1011e-04 -2.3178e-06 4.3848e-06 0.0000e+00
1902 0.0000e+00 0.0000e+00 -1.0810e-04 -2.4252e-06 3.2450e-06 0.0000e+00
1903 0.0000e+00 0.0000e+00 -7.8103e-04 -2.5934e-06 -3.0004e-06 0.0000e+00
1904 0.0000e+00 0.0000e+00 1.4539e-03 -1.4928e-05 2.8486e-06 0.0000e+00
1905 0.0000e+00 0.0000e+00 -2.3230e-05 2.4769e-07 -1.2942e-05 0.0000e+00
1906 0.0000e+00 0.0000e+00 -6.0210e-04 1.5643e-07 -7.4664e-06 0.0000e+00
1907 0.0000e+00 0.0000e+00 -2.6638e-04 8.1290e-08 -4.4006e-06 0.0000e+00
1908 0.0000e+00 0.0000e+00 -2.4749e-04 -3.3387e-07 -3.4656e-06 0.0000e+00
1909 0.0000e+00 0.0000e+00 -2.6373e-04 4.0968e-07 -3.1470e-06 0.0000e+00
1910 0.0000e+00 0.0000e+00 -3.9369e-04 -8.6546e-08 -3.8335e-06 0.0000e+00
1911 0.0000e+00 0.0000e+00 -2.5550e-04 -3.8017e-07 -2.0824e-06 0.0000e+00
1912 0.0000e+00 0.0000e+00 -2.5758e-04 3.9555e-07 -6.2248e-07 0.0000e+00
1913 0.0000e+00 0.0000e+00 -2.5356e-04 -5.0056e-07 1.3733e-07 0.0000e+00
1914 0.0000e+00 0.0000e+00 4.9528e-06 1.3365e-07 1.4278e-06 0.0000e+00
1915 0.0000e+00 0.0000e+00 -8.9953e-04 4.1588e-06 3.1077e-06 0.0000e+00
1916 1.6955e-02 8.4270e-01 -1.2735e-02 -2.4333e-03 -4.7971e-05 -2.5117e-03
1917 6.5210e-02 8.4912e-01 -1.9220e-01 -5.1391e-04 1.3725e-04 -3.6623e-05
1918 6.1449e-02 8.4038e-01 -1.5715e-01 -5.7861e-04 4.4377e-04 -8.9516e-05
1919 3.6246e-02 7.5201e-01 -3.8212e-02 5.7837e-04 -2.7508e-04 -1.3331e-03
1920 4.8518e-02 8.5182e-01 -9.3704e-02 -1.1505e-03 5.7881e-04 -2.9179e-04

1921 2.8023e-02 8.2929e-01 -2.7603e-02 -1.5813e-03 4.3511e-04 -7.5698e-05
1922 2.0681e-02 8.1155e-01 -8.5931e-03 -1.6264e-03 9.1129e-05 -8.8215e-04
1923 2.2740e-02 8.3604e-01 -1.3412e-02 -2.7127e-03 -9.3206e-06 -2.7083e-03
1924 2.5073e-02 9.2383e-01 -1.7386e-02 -4.6949e-03 1.4190e-05 -3.7905e-03
1925 3.6479e-02 8.4432e-01 -1.2642e-01 -3.8650e-04 3.5662e-04 -7.1669e-05
1926 2.2220e-02 8.0529e-01 -1.4550e-02 -6.8141e-03 8.8865e-05 -2.4902e-03
1927 1.9227e-02 6.7996e-01 -3.7307e-03 -5.2278e-04 2.7705e-05 -3.4181e-04
1928 1.0697e-01 6.7924e-01 -8.4643e-03 -4.6313e-04 1.0693e-04 -4.2906e-04
1929 8.2592e-02 6.8381e-01 -5.8911e-03 -4.3996e-04 6.4438e-05 -3.8612e-04
1930 8.3464e-02 6.8608e-01 -5.6646e-03 -4.1255e-04 6.0415e-05 -3.7853e-04
1931 8.5976e-02 6.8863e-01 -6.4470e-03 -3.6434e-04 7.0698e-05 -3.8620e-04
1932 7.9310e-02 6.8982e-01 -5.8577e-03 -3.6397e-04 6.2329e-05 -3.6751e-04
1933 8.4263e-02 6.9020e-01 -6.3446e-03 -3.3917e-04 6.8745e-05 -3.8687e-04
1934 7.5738e-02 6.8965e-01 -5.9178e-03 -3.5486e-04 6.4885e-05 -3.7993e-04
1935 7.3718e-02 6.8867e-01 -5.7114e-03 -3.6039e-04 6.0908e-05 -3.8771e-04
1936 4.5623e-02 6.8617e-01 -6.4256e-03 -3.4675e-04 5.6842e-05 -4.3026e-04
1937 1.1147e-01 6.8301e-01 -4.4401e-03 -4.3628e-04 6.1256e-05 -3.7891e-04
1938 5.4634e-03 8.1053e-01 -8.0575e-05 -1.5289e-03 4.6182e-05 -2.0817e-04
1939 2.0930e-02 6.3505e-01 -7.5444e-04 1.8353e-03 -7.2164e-05 -8.1285e-04
1940 5.0047e-03 8.0930e-01 -5.8691e-03 -1.3120e-03 3.9269e-04 -1.6457e-04
1941 1.1783e-02 8.0457e-01 -4.5397e-03 -1.2630e-03 2.5461e-04 -1.9562e-04
1942 1.2142e-02 8.0261e-01 -5.1939e-03 -1.2138e-03 2.5567e-04 -2.0127e-04
1943 9.7182e-03 8.0096e-01 -4.7147e-03 -1.1301e-03 2.8411e-04 -1.9485e-04
1944 1.0859e-02 8.0031e-01 -4.7005e-03 -1.1627e-03 2.4869e-04 -2.1027e-04
1945 8.1251e-03 8.0091e-01 -4.9686e-03 -1.1207e-03 2.8756e-04 -1.9207e-04
1946 6.6734e-03 8.0250e-01 -4.1514e-03 -1.1913e-03 2.6259e-04 -1.9458e-04
1947 4.6051e-03 8.0441e-01 -4.6191e-03 -1.2304e-03 2.6877e-04 -1.8580e-04
1948 1.0942e-02 8.0908e-01 -3.1860e-03 -1.2542e-03 1.2234e-04 -1.4690e-04
1949 2.1128e-02 8.0946e-01 -8.1219e-03 -1.6257e-03 2.9321e-04 -2.5349e-04
1950 1.1235e-01 6.3429e-01 -4.6382e-03 2.0539e-03 -4.3846e-04 -9.6038e-04
1951 8.5252e-02 6.3328e-01 -3.5484e-03 1.9295e-03 -3.0401e-04 -9.3910e-04
1952 8.5555e-02 6.3277e-01 -4.2620e-03 1.9074e-03 -3.0627e-04 -9.4141e-04
1953 8.8943e-02 6.3230e-01 -3.7763e-03 1.9289e-03 -3.2991e-04 -9.5856e-04
1954 8.1863e-02 6.3225e-01 -3.6314e-03 1.8837e-03 -2.9493e-04 -9.4049e-04
1955 8.6963e-02 6.3266e-01 -4.1107e-03 1.9372e-03 -3.2995e-04 -9.5664e-04
1956 7.8518e-02 6.3361e-01 -3.3530e-03 1.9254e-03 -2.9919e-04 -9.3639e-04
1957 7.5953e-02 6.3449e-01 -4.0373e-03 1.9522e-03 -2.9950e-04 -9.3080e-04
1958 4.8471e-02 6.3618e-01 -2.5851e-03 2.0804e-03 -1.6842e-04 -9.4417e-04
1959 1.1302e-01 6.3651e-01 -5.2307e-03 1.9823e-03 -3.6849e-04 -9.2398e-04
1960 1.1509e-01 7.1981e-01 2.1304e-04 -3.0088e-04 4.7604e-05 -1.9613e-04
1961 4.9477e-02 7.2118e-01 -1.1231e-03 -1.8999e-04 3.4094e-05 -2.1883e-04
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2071	6.2032e-02	7.4571e-01	-6.2653e-02	4.7131e-04	-4.8140e-04	-1.2895e-03
2072	6.4789e-02	7.4595e-01	-7.0106e-02	5.3354e-04	-5.3701e-04	-1.3074e-03
2073	7.9486e-02	6.3780e-01	-9.6393e-03	1.7530e-03	-3.3563e-04	-1.1735e-03
2074	8.4301e-02	6.3813e-01	-1.0840e-02	1.8078e-03	-3.7534e-04	-1.1910e-03
2075	4.9568e-02	8.2787e-01	-1.1602e-01	-9.5976e-05	-3.9972e-04	-4.6263e-04
2076	5.0900e-02	8.2795e-01	-1.2957e-01	-2.7226e-05	-4.4413e-04	-4.6855e-04
2077	4.5448e-02	8.4874e-01	-1.4979e-01	-1.8759e-04	-1.7913e-04	-7.4492e-05
2078	4.6338e-02	8.4805e-01	-1.6697e-01	-1.0456e-04	-1.9660e-04	-7.9212e-05
2079	8.9276e-02	7.6262e-01	-7.5261e-02	2.7342e-04	-5.9875e-04	-1.2476e-03
2080	7.2338e-02	8.2763e-01	-1.4361e-01	-1.0834e-04	-5.1032e-04	-2.3527e-04
2081	4.5349e-02	8.5290e-01	-1.5407e-01	-3.4656e-04	1.0851e-04	6.4553e-06
2082	4.6264e-02	8.5254e-01	-1.7126e-01	-2.7211e-04	1.2379e-04	1.4330e-05
2083	4.2970e-02	8.4974e-01	-1.2627e-01	-4.8982e-04	3.5246e-04	-9.0678e-05
2084	4.3620e-02	8.4826e-01	-1.4001e-01	-4.0030e-04	3.9297e-04	-7.7532e-05
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2086	1.1786e-02	8.1196e-01	-5.2355e-03	-1.2607e-03	5.3605e-06	-7.6283e-04
2087	3.3122e-02	8.5237e-01	-7.6175e-02	-9.6751e-04	4.6729e-04	-9.4032e-05
2088	3.2781e-02	8.5215e-01	-8.4467e-02	-8.9928e-04	5.1981e-04	-9.0750e-05
2089	1.6708e-02	8.1723e-01	-2.1933e-02	-1.1799e-03	3.6348e-04	5.9842e-05
2090	1.4653e-02	8.1781e-01	-2.4290e-02	-1.1312e-03	4.1043e-04	7.4830e-05
2091	1.0379e-02	8.1286e-01	-3.6341e-03	-1.1023e-03	7.1217e-05	-8.8948e-04
2092	7.0991e-03	8.1281e-01	-2.1933e-03	-1.0715e-03	9.4245e-05	-8.6369e-04
2093	1.4030e-02	8.5858e-01	-9.4898e-03	-2.3814e-03	-2.7650e-05	-2.4842e-03
2094	1.0334e-02	8.5781e-01	-7.2766e-03	-2.3484e-03	-2.1252e-05	-2.4607e-03
2095	1.7641e-02	9.2569e-01	-1.4867e-02	-4.4238e-03	-2.8837e-06	-3.2998e-03
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2099	1.5837e-02	7.9432e-01	-1.2833e-02	-6.4801e-03	6.9520e-05	-2.1255e-03
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2101	8.0466e-02	7.2609e-01	6.4484e-04	1.5120e-05	3.0193e-05	-5.9600e-05
2102	8.1996e-02	6.8854e-01	3.4496e-03	1.2307e-03	-8.5201e-05	1.3971e-04
2103	5.8353e-02	7.4717e-01	-6.3371e-02	4.9398e-04	-4.8862e-04	-1.2967e-03
2104	7.6099e-02	6.3889e-01	-9.4673e-03	1.7940e-03	-3.4065e-04	-1.1756e-03
2105	4.5707e-02	8.2786e-01	-1.1752e-01	-5.8959e-05	-4.0458e-04	-4.3778e-04
2106	4.1549e-02	8.4562e-01	-1.5160e-01	-1.1356e-04	-1.7958e-04	-7.6526e-05
2107	6.6106e-02	8.3367e-01	-1.8714e-01	-1.1672e-04	-2.2929e-04	-8.2572e-05
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2109	3.8958e-02	8.4596e-01	-1.2705e-01	-4.1476e-04	3.5821e-04	-7.8430e-05
2110	4.6881e-02	6.4072e-01	-6.5402e-03	1.9461e-03	-1.9391e-04	-1.2060e-03
2111	2.9100e-02	8.5198e-01	-7.6495e-02	-9.3028e-04	4.7329e-04	-1.3014e-04
2112	1.2614e-02	8.1998e-01	-2.1744e-02	-1.1944e-03	3.7406e-04	5.4436e-05
2113	5.6981e-03	8.1256e-01	-1.4891e-03	-1.1457e-03	8.6883e-05	-8.5891e-04
2114	8.5893e-03	8.5452e-01	-6.0182e-03	-2.3990e-03	-1.9024e-05	-2.4937e-03
2115	1.1968e-02	9.2532e-01	-1.0888e-02	-4.4311e-03	-7.6640e-06	-3.3691e-03
2116	1.1027e-01	6.4142e-01	-1.2110e-02	1.8269e-03	-4.1519e-04	-1.2104e-03
2117	1.1051e-02	7.9804e-01	-9.7330e-03	-6.5269e-03	4.8185e-05	-2.1950e-03
2118	7.8205e-02	7.2641e-01	5.1681e-04	3.7790e-06	2.6268e-05	-7.9922e-05
2119	7.9521e-02	6.9123e-01	2.9502e-03	1.2233e-03	-8.7866e-05	1.4455e-04
2120	5.5859e-02	7.4861e-01	-6.3842e-02	4.9699e-04	-4.8602e-04	-1.3000e-03
2121	7.3537e-02	6.3956e-01	-1.0144e-02	1.8196e-03	-3.4050e-04	-1.1763e-03
2122	4.3300e-02	8.2775e-01	-1.1761e-01	-4.0065e-05	-4.0114e-04	-4.0837e-04
2123	3.9189e-02	8.4238e-01	-1.5132e-01	-5.8187e-05	-1.7692e-04	-7.8993e-05
2124	3.4398e-04	7.5053e-02	0.0000e+00	0.0000e+00	0.0000e+00	2.7255e-06
2125	3.9016e-02	8.5095e-01	-1.5518e-01	-3.0278e-04	1.1397e-04	1.1898e-06

SPOSTAMENTI NODALI "V-x" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.1838e-02	-2.4385e-05	4.5451e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.9187e-03	5.6513e-08	4.3092e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.0924e-02	9.0634e-06	4.9234e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.1042e-02	-7.9630e-06	5.0216e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.0610e-02	4.7740e-06	4.9601e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	1.1126e-02	-4.0145e-08	5.1384e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	1.0588e-02	-4.7442e-06	4.9520e-05	0.0000e+00

8	0.0000e+00	0.0000e+00	1.1048e-02	7.8555e-06	5.0203e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	1.0877e-02	-9.0775e-06	4.9089e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	8.9604e-03	-8.2655e-09	4.3242e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	1.1812e-02	2.4182e-05	4.5421e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.0615e-03	-1.2043e-05	-7.7598e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-6.1669e-04	1.1571e-07	-6.9944e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-4.3191e-04	1.1158e-06	-8.0558e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-4.7711e-04	-1.3976e-06	-8.1066e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-5.4203e-04	7.5473e-07	-7.8117e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.8731e-04	1.0432e-08	-8.1726e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-5.4186e-04	-7.3328e-07	-7.8077e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.7613e-04	1.4152e-06	-8.0913e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-4.3236e-04	-1.0991e-06	-8.0457e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-6.1558e-04	-9.5280e-08	-6.9840e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	1.0653e-03	1.2072e-05	-7.8349e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	9.1580e-03	-1.5820e-05	-3.5078e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	8.5415e-03	1.6797e-06	-4.3472e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	1.0356e-02	8.1360e-06	-5.1182e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	1.0413e-02	-7.4717e-06	-5.1894e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	9.8459e-03	2.8973e-06	-4.9276e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	9.5814e-03	-7.7618e-10	-4.1815e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	9.8440e-03	-2.8914e-06	-4.9264e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	1.0412e-02	7.4697e-06	-5.1880e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0354e-02	-8.1164e-06	-5.1169e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	8.5612e-03	-1.6445e-06	-4.3542e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	9.1930e-03	1.5904e-05	-3.5161e-05	0.0000e+00
34	-2.3720e-03	-4.5837e-05	1.4752e-02	7.2363e-06	8.5862e-06	-2.6774e-08
35	-2.3720e-03	-5.7511e-05	1.1936e-03	4.3000e-06	-5.2979e-06	-2.6774e-08
36	-2.3720e-03	-6.5650e-05	1.1588e-02	6.2549e-06	-2.4421e-05	-2.6774e-08
37	-2.3613e-03	-4.5837e-05	1.2908e-02	-6.9698e-07	9.8645e-06	-2.6774e-08
38	-2.3495e-03	-4.5837e-05	1.4892e-02	-1.3434e-06	1.1489e-05	-2.6774e-08
39	-2.3420e-03	-4.5837e-05	1.5034e-02	2.5679e-06	1.1621e-05	-2.6774e-08
40	-2.3302e-03	-4.5837e-05	1.4906e-02	-1.3417e-06	1.1608e-05	-2.6774e-08
41	-2.3208e-03	-4.5837e-05	1.5116e-02	5.3216e-08	1.1137e-05	-2.6774e-08
42	-2.3115e-03	-4.5837e-05	1.4870e-02	1.5008e-06	1.1610e-05	-2.6774e-08
43	-2.2997e-03	-4.5837e-05	1.5058e-02	-2.4920e-06	1.1720e-05	-2.6774e-08
44	-2.2922e-03	-4.5837e-05	1.4810e-02	1.4433e-06	1.1512e-05	-2.6774e-08
45	-2.2804e-03	-4.5837e-05	1.2974e-02	8.6601e-07	1.0058e-05	-2.6774e-08
46	-2.2697e-03	-4.5837e-05	1.4716e-02	-7.0703e-06	8.7202e-06	-2.6774e-08
47	-2.3613e-03	-5.7511e-05	-4.5828e-04	-1.0545e-06	-9.5812e-06	-2.6774e-08
48	-2.3495e-03	-5.7511e-05	-2.5922e-04	-4.5810e-07	-1.0422e-05	-2.6774e-08
49	-2.3420e-03	-5.7511e-05	-3.0113e-04	9.6556e-07	-1.0424e-05	-2.6774e-08
50	-2.3302e-03	-5.7511e-05	-3.6817e-04	-5.0130e-07	-1.0140e-05	-2.6774e-08
51	-2.3208e-03	-5.7511e-05	-3.2157e-04	9.2746e-08	-8.5191e-06	-2.6774e-08
52	-2.3115e-03	-5.7511e-05	-3.6808e-04	7.0873e-07	-1.0156e-05	-2.6774e-08
53	-2.2997e-03	-5.7511e-05	-3.0017e-04	-7.8343e-07	-1.0386e-05	-2.6774e-08
54	-2.2922e-03	-5.7511e-05	-2.5980e-04	6.4514e-07	-1.0453e-05	-2.6774e-08
55	-2.2804e-03	-5.7511e-05	-4.5662e-04	1.2694e-06	-9.5313e-06	-2.6774e-08
56	-2.2697e-03	-5.7511e-05	1.1979e-03	-4.0216e-06	-5.3330e-06	-2.6774e-08
57	-2.3613e-03	-6.5650e-05	1.2283e-02	3.6306e-07	-2.7908e-05	-2.6774e-08
58	-2.3495e-03	-6.5650e-05	1.3929e-02	-1.3444e-06	-3.0149e-05	-2.6774e-08
59	-2.3420e-03	-6.5650e-05	1.3989e-02	2.2884e-06	-3.0348e-05	-2.6774e-08
60	-2.3302e-03	-6.5650e-05	1.3775e-02	-1.5179e-06	-3.0531e-05	-2.6774e-08
61	-2.3208e-03	-6.5650e-05	1.3077e-02	1.1433e-07	-3.0434e-05	-2.6774e-08
62	-2.3115e-03	-6.5650e-05	1.3772e-02	1.7699e-06	-3.0493e-05	-2.6774e-08
63	-2.2997e-03	-6.5650e-05	1.3990e-02	-2.0584e-06	-3.0295e-05	-2.6774e-08
64	-2.2922e-03	-6.5650e-05	1.3924e-02	1.5873e-06	-3.0050e-05	-2.6774e-08
65	-2.2804e-03	-6.5650e-05	1.2313e-02	-7.7088e-08	-2.7865e-05	-2.6774e-08
66	-2.2697e-03	-6.5650e-05	1.1635e-02	-5.8856e-06	-2.4363e-05	-2.6774e-08
67	0.0000e+00	0.0000e+00	1.3661e-02	-2.3127e-05	3.5940e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.0708e-02	1.4276e-07	3.6511e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.2955e-02	1.0090e-05	4.0766e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.3116e-02	-8.7339e-06	4.1683e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2656e-02	5.2734e-06	4.1266e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3252e-02	-4.5643e-08	4.2888e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2630e-02	-5.2439e-06	4.1187e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3120e-02	8.6168e-06	4.1648e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2901e-02	-1.0103e-05	4.0637e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	1.0756e-02	-8.8732e-08	3.6648e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.3635e-02	2.2925e-05	3.5991e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	-3.8169e-03	-2.6396e-05	-8.0239e-05	0.0000e+00
1895	0.0000e+00	0.0000e+00	3.7765e-03	-1.2898e-06	-1.2271e-05	0.0000e+00

1896	0.0000e+00	0.0000e+00	2.2410e-03	-1.0734e-06	-1.5327e-05	0.0000e+00
1897	0.0000e+00	0.0000e+00	1.9786e-03	2.7637e-06	-1.9167e-05	0.0000e+00
1898	0.0000e+00	0.0000e+00	2.2388e-03	-8.9568e-07	-1.6657e-05	0.0000e+00
1899	0.0000e+00	0.0000e+00	1.6669e-03	6.9821e-08	-2.5750e-05	0.0000e+00
1900	0.0000e+00	0.0000e+00	2.1937e-03	8.1574e-07	-1.7519e-05	0.0000e+00
1901	0.0000e+00	0.0000e+00	2.0109e-03	-2.5159e-06	-1.9153e-05	0.0000e+00
1902	0.0000e+00	0.0000e+00	2.1368e-03	1.1568e-06	-1.6899e-05	0.0000e+00
1903	0.0000e+00	0.0000e+00	3.8594e-03	1.2052e-06	-1.0778e-05	0.0000e+00
1904	0.0000e+00	0.0000e+00	-3.8435e-03	2.6593e-05	-7.9377e-05	0.0000e+00
1905	0.0000e+00	0.0000e+00	3.4378e-03	1.4825e-05	3.1378e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	2.0169e-03	-1.6949e-08	1.9380e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	1.7634e-03	-1.9871e-06	1.3886e-05	0.0000e+00
1908	0.0000e+00	0.0000e+00	1.7139e-03	2.4750e-06	1.3492e-05	0.0000e+00
1909	0.0000e+00	0.0000e+00	1.7661e-03	-2.6936e-06	1.7560e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	2.6812e-03	3.7578e-09	2.5928e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	1.7638e-03	2.6905e-06	1.7531e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	1.7156e-03	-2.4623e-06	1.3415e-05	0.0000e+00
1913	0.0000e+00	0.0000e+00	1.7593e-03	1.9817e-06	1.3763e-05	0.0000e+00
1914	0.0000e+00	0.0000e+00	2.0410e-03	-3.5008e-09	1.9138e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	3.5138e-03	-1.5166e-05	3.0942e-05	0.0000e+00
1916	-6.3871e-02	5.0640e-03	4.8707e-02	-5.8464e-05	1.5783e-04	-6.6536e-05
1917	-2.5936e-01	8.4882e-03	7.5813e-01	-1.1735e-04	-5.3703e-04	-2.0683e-05
1918	-2.4648e-01	1.4165e-02	6.2121e-01	-1.8359e-04	-1.7347e-03	-3.1226e-06
1919	-4.0216e-01	9.0388e-03	4.4593e-01	-2.1446e-04	3.4236e-03	1.9379e-05
1920	-1.9690e-01	3.7179e-03	3.7454e-01	9.3497e-06	-2.2879e-03	6.8252e-05
1921	-1.1564e-01	4.3505e-03	1.0984e-01	4.7167e-05	-1.7521e-03	-1.0453e-07
1922	-8.6089e-02	4.3125e-03	2.7432e-02	7.6980e-05	-3.1274e-04	2.2651e-05
1923	-1.0390e-01	7.2166e-03	5.7870e-02	5.0657e-05	1.4379e-04	7.9432e-06
1924	-1.2126e-01	6.9212e-03	8.5467e-02	-4.3988e-06	-1.7097e-05	4.7389e-05
1925	-2.8527e-01	1.0116e-02	8.7617e-01	-1.5661e-04	-2.4526e-03	-3.5713e-06
1926	-1.0844e-01	9.5280e-04	7.2471e-02	3.6698e-05	-4.4236e-04	8.9020e-05
1927	-4.3490e-01	1.5669e-02	2.4976e-02	3.4755e-04	-2.5363e-04	-6.9906e-07
1928	-5.1512e-01	1.5791e-02	4.7439e-02	4.3785e-04	-5.0957e-04	-4.2646e-05
1929	-5.4295e-01	9.3168e-03	3.9518e-02	2.9961e-04	-4.2724e-04	-2.8800e-05
1930	-5.4614e-01	5.2913e-03	3.9448e-02	2.2332e-04	-4.2685e-04	-2.2181e-05
1931	-5.8543e-01	-9.2337e-04	4.3575e-02	1.1705e-04	-4.7520e-04	-1.4516e-05
1932	-5.4398e-01	-5.8171e-03	3.9910e-02	3.8189e-05	-4.2475e-04	-9.5659e-06
1933	-5.8354e-01	-1.0689e-02	4.3573e-02	-3.7910e-05	-4.7509e-04	-5.5177e-06
1934	-5.4858e-01	-1.6817e-02	3.9455e-02	-1.3422e-04	-4.2703e-04	-7.6394e-07
1935	-5.3894e-01	-2.0748e-02	3.9512e-02	-1.9859e-04	-4.2701e-04	2.2014e-06
1936	-5.2086e-01	-2.7003e-02	4.6420e-02	-3.0741e-04	-4.9686e-04	6.7952e-06
1937	-4.3708e-01	-3.2811e-02	2.3942e-02	-5.0503e-04	-2.4150e-04	5.6042e-05
1938	-8.8144e-02	1.1578e-03	2.7330e-02	1.5951e-04	-1.1774e-03	1.0188e-06
1939	-4.4322e-01	-4.8271e-04	1.9739e-02	5.3798e-05	1.4531e-03	-1.4544e-05
1940	-4.4234e-02	-7.3823e-04	2.9973e-02	2.6866e-05	-1.8435e-03	-6.6366e-05
1941	-6.6149e-02	-1.1053e-05	3.1950e-02	2.2081e-05	-1.7596e-03	-5.7685e-05
1942	-6.8481e-02	3.3678e-04	3.2186e-02	1.7293e-05	-1.7565e-03	-5.3591e-05
1943	-6.5704e-02	7.6783e-04	3.3327e-02	8.1874e-06	-1.9390e-03	-4.8897e-05
1944	-7.7445e-02	1.0273e-03	3.2263e-02	-1.9961e-06	-1.6888e-03	-4.6469e-05
1945	-6.4407e-02	1.2877e-03	3.3233e-02	-1.2129e-05	-1.9409e-03	-4.4983e-05
1946	-7.0049e-02	1.5927e-03	3.2289e-02	-2.8076e-05	-1.7539e-03	-4.4654e-05
1947	-6.2822e-02	1.8192e-03	3.1718e-02	-3.9815e-05	-1.7663e-03	-4.5501e-05
1948	-4.5626e-02	2.2196e-03	3.0146e-02	-6.3573e-05	-1.8449e-03	-4.9052e-05
1949	-8.7226e-02	4.4851e-03	2.7250e-02	5.4514e-05	-1.1785e-03	1.8433e-05
1950	-5.3968e-01	1.9075e-04	2.4730e-02	2.2358e-04	2.0916e-03	-6.5643e-05
1951	-5.5961e-01	1.8961e-05	2.5890e-02	1.3661e-04	2.0613e-03	-5.7624e-05
1952	-5.6272e-01	-1.6720e-04	2.5957e-02	9.0102e-05	2.0638e-03	-5.2917e-05
1953	-6.0474e-01	-5.5372e-04	2.6884e-02	2.8912e-05	2.2504e-03	-4.7139e-05
1954	-5.6137e-01	-9.2046e-04	2.4750e-02	-1.4643e-05	2.0108e-03	-4.3488e-05
1955	-6.0284e-01	-1.3485e-03	2.6877e-02	-5.4130e-05	2.2492e-03	-4.1678e-05
1956	-5.6517e-01	-1.9709e-03	2.5963e-02	-1.0175e-04	2.0655e-03	-4.1052e-05
1957	-5.5560e-01	-2.4445e-03	2.5877e-02	-1.3128e-04	2.0589e-03	-4.2787e-05
1958	-5.4329e-01	-3.3416e-03	2.4794e-02	-1.7606e-04	2.0947e-03	-5.0034e-05
1959	-4.4327e-01	-4.5078e-03	1.9825e-02	-4.0479e-04	1.4566e-03	1.7962e-06
1960	-4.5153e-01	-1.5848e-02	3.6604e-03	-4.4862e-04	-1.7201e-04	1.3245e-04
1961	-5.5184e-01	-1.4904e-02	3.9311e-03	-2.8011e-04	-3.4212e-04	4.3621e-05
1962	-5.6554e-01	-1.2759e-02	3.0341e-03	-1.8270e-04	-2.9417e-04	2.3640e-05
1963	-5.7517e-01	-1.1259e-02	2.9748e-03	-1.2454e-04	-2.9420e-04	1.2295e-05
1964	-6.1300e-01	-8.7645e-03	3.1645e-03	-3.6925e-05	-3.2944e-04	-4.1883e-06
1965	-5.7024e-01	-6.7524e-03	3.8894e-03	3.2468e-05	-2.9556e-04	-1.7282e-05
1966	-6.1490e-01	-4.7767e-03	3.1602e-03	1.0434e-04	-3.2955e-04	-3.1658e-05
1967	-5.7273e-01	-2.4256e-03	2.9793e-03	2.0077e-04	-2.9402e-04	-5.2601e-05

1968 -5.6955e-01 -1.0951e-03 3.0262e-03 2.6947e-04 -2.9439e-04 -6.9446e-05
1969 -5.4714e-01 6.3220e-04 3.9791e-03 3.9274e-04 -3.5028e-04 -1.0323e-04
1970 -4.5037e-01 1.4906e-03 3.7628e-03 3.2023e-04 -1.7969e-04 -3.7551e-05
1971 -1.1477e-02 -3.2047e-03 -3.8879e-03 2.5791e-05 -9.7668e-05 -7.0047e-08
1972 2.6673e-04 -1.0837e-04 4.0216e-03 7.1542e-07 6.2155e-06 -6.3582e-08
1973 -2.0287e-03 -1.1394e-04 2.2108e-03 8.0694e-07 -1.6366e-05 -5.0308e-08
1974 -2.3822e-03 3.3015e-04 2.0814e-03 -2.7726e-06 -1.9434e-05 -4.0576e-08
1975 -1.8619e-03 -8.7453e-05 2.2858e-03 6.5382e-07 -1.4393e-05 -3.1931e-08
1976 -3.5777e-03 -2.9148e-06 1.7177e-03 -4.5013e-09 -3.0130e-05 -2.3493e-08
1977 -1.7090e-03 1.0836e-04 2.3331e-03 -8.7917e-07 -1.3030e-05 -1.4820e-08
1978 -2.4478e-03 -3.5026e-04 2.0461e-03 2.8831e-06 -2.0130e-05 -6.8514e-09
1979 -1.7136e-03 1.1308e-04 2.3205e-03 -8.4943e-07 -1.3495e-05 2.5324e-09
1980 -4.9768e-06 1.2587e-04 3.9348e-03 -8.9918e-07 3.7829e-06 1.4434e-08
1981 -1.1579e-02 3.2115e-03 -3.8608e-03 -2.5966e-05 -9.8488e-05 4.9319e-08
1982 -1.0826e-01 1.5084e-02 7.2370e-02 -1.1825e-04 -4.4323e-04 -8.2070e-05
1983 -2.1722e-01 2.2688e-03 5.2857e-01 -6.0077e-05 -3.2483e-03 4.8852e-05
1984 -1.2135e-01 1.2614e-02 8.5484e-02 5.2931e-06 -1.8534e-05 2.7860e-06
1985 -1.0403e-01 1.4521e-02 5.7715e-02 5.6827e-05 1.3955e-04 -1.4852e-06
1986 -8.7111e-02 5.0981e-03 2.8236e-02 1.6764e-04 -3.1444e-04 -1.8343e-05
1987 -4.5415e-01 -2.0936e-03 -1.8650e-03 2.9683e-04 -1.1742e-04 -7.2525e-05
1988 -4.6122e-01 -3.4781e-03 -1.4918e-02 1.3885e-04 4.2702e-04 -1.1177e-04
1989 -3.4571e-01 -6.7030e-03 3.0882e-01 1.1291e-04 2.3667e-03 -4.0654e-05
1990 -4.3167e-01 -6.3119e-04 4.8799e-02 5.8407e-05 1.6516e-03 8.5324e-06
1991 -2.8361e-01 -1.5846e-03 5.7104e-01 5.0461e-06 1.9708e-03 5.4397e-05
1992 -2.6237e-01 -1.5125e-02 7.3854e-01 2.3614e-04 8.8352e-04 1.5593e-05
1993 -8.8425e-02 7.0843e-03 8.2942e-02 -8.4695e-05 4.8365e-05 -3.4149e-05
1994 -2.6078e-01 -6.8259e-03 7.5873e-01 8.8835e-05 -5.3706e-04 -6.9454e-06
1995 -2.4798e-01 -1.4580e-02 6.2182e-01 2.5157e-04 -1.7355e-03 4.6905e-05
1996 -3.1436e-01 8.0224e-03 8.2560e-01 -1.2631e-04 2.8342e-03 -7.1478e-06
1997 -1.9821e-01 -5.8709e-03 3.7509e-01 1.6630e-04 -2.2910e-03 -4.8820e-05
1998 -1.1656e-01 -6.1560e-04 1.0967e-01 1.5614e-04 -1.7530e-03 6.9316e-06
1999 -5.5202e-01 -2.3110e-03 -3.0230e-03 3.6395e-04 -2.3051e-04 -1.7014e-04
2000 -5.6235e-01 2.6669e-03 -2.1186e-02 2.1039e-04 5.8956e-04 -1.4103e-04
2001 -3.9883e-01 1.4716e-03 4.4699e-01 1.3102e-04 3.4193e-03 -4.8911e-05
2002 -5.2270e-01 -1.7505e-04 6.7979e-02 2.1489e-04 2.3841e-03 -6.9808e-05
2003 -3.1187e-01 -6.0358e-04 8.2497e-01 1.1292e-04 2.8266e-03 4.9044e-05
2004 -2.8404e-01 -8.6041e-03 1.0634e+00 1.8488e-04 1.2582e-03 7.1389e-06
2005 -1.0356e-01 8.4730e-04 1.5204e-01 -3.8492e-05 -2.5478e-03 -3.0946e-05
2006 -2.8501e-01 -5.8867e-03 1.0920e+00 8.1676e-05 -7.7559e-04 3.5303e-05
2007 -2.6977e-01 -1.3873e-02 8.9499e-01 1.9221e-04 -2.4964e-03 3.1037e-05
2008 -2.8610e-01 1.4239e-02 1.0639e+00 -2.1828e-04 1.2648e-03 1.6803e-05
2009 -2.0153e-01 -5.5073e-03 5.4090e-01 5.3831e-05 -3.3216e-03 -5.3825e-05
2010 -8.6130e-02 -3.0706e-03 1.5480e-01 3.3117e-05 -2.6322e-03 -3.1293e-05
2011 -3.8027e-02 4.9164e-03 1.1920e-02 2.8701e-06 -5.9366e-04 -9.2836e-05
2012 -6.1106e-02 1.1301e-02 4.6786e-02 -4.6795e-05 1.4897e-04 -7.2008e-05
2013 -8.5388e-02 1.2193e-02 8.0751e-02 -6.6050e-05 4.8802e-05 -6.4343e-05
2014 -5.7797e-02 4.1902e-03 1.8856e-02 -4.8150e-05 -5.4657e-04 -5.5207e-05
2015 -7.8019e-02 1.3227e-02 7.0573e-02 -1.2040e-04 -3.4613e-04 -8.2257e-05
2016 -5.7432e-01 -3.1557e-03 -4.0389e-03 2.5029e-04 -1.9071e-04 -1.1436e-04
2017 -5.8401e-01 2.2674e-04 -2.1877e-02 1.4170e-04 5.9823e-04 -1.0567e-04
2018 -4.2117e-01 2.1787e-03 4.3792e-01 7.2511e-05 3.3561e-03 -3.1075e-05
2019 -5.4300e-01 1.7653e-05 6.7881e-02 1.2985e-04 2.3447e-03 -5.9069e-05
2020 -3.3434e-01 7.6572e-04 8.0968e-01 6.6161e-05 2.7798e-03 2.6558e-05
2021 -3.0575e-01 -3.5433e-03 1.0441e+00 9.5341e-05 1.2361e-03 1.3517e-05
2022 -8.0888e-02 7.9117e-04 7.2466e-02 -1.7041e-05 -3.5734e-04 5.3847e-05
2023 -3.0541e-01 -4.1518e-03 1.0718e+00 5.8834e-05 -7.6502e-04 4.0769e-05
2024 -2.8914e-01 -9.9066e-03 8.7789e-01 1.3240e-04 -2.4548e-03 2.3187e-05
2025 -2.8686e-01 7.8964e-03 1.0939e+00 -1.0088e-04 -7.7008e-04 3.6928e-06
2026 -2.2089e-01 -4.5935e-03 5.2961e-01 4.6622e-05 -3.2531e-03 -3.5442e-05
2027 -1.0693e-01 -2.0823e-03 1.5234e-01 2.8679e-05 -2.5465e-03 -3.1846e-05
2028 -6.1544e-02 4.7383e-03 2.0444e-02 1.4512e-06 -5.3436e-04 -7.8337e-05
2029 -8.4852e-02 1.0260e-02 5.7554e-02 -4.0223e-05 1.6826e-04 -6.7302e-05
2030 -1.0919e-01 1.1521e-02 9.3381e-02 -6.5618e-05 3.0265e-05 -5.7982e-05
2031 -8.0346e-02 6.0607e-03 5.4662e-02 -4.7165e-05 1.5969e-04 -5.9245e-05
2032 -9.8807e-02 1.1340e-02 8.1364e-02 -1.0323e-04 -4.2961e-04 -5.8471e-05
2033 -5.7750e-01 -3.9400e-03 -4.0871e-03 1.8656e-04 -1.9031e-04 -8.6358e-05
2034 -5.8717e-01 -1.0988e-03 -2.1907e-02 1.0230e-04 5.9934e-04 -8.6389e-05
2035 -4.2415e-01 2.6761e-03 4.3840e-01 3.7620e-05 3.3601e-03 -2.3464e-05
2036 -5.4610e-01 2.0044e-05 6.7985e-02 8.4169e-05 2.3475e-03 -5.3490e-05
2037 -3.3721e-01 1.6965e-03 8.1061e-01 3.6844e-05 2.7839e-03 1.9953e-05
2038 -3.0857e-01 -1.2813e-03 1.0454e+00 5.3194e-05 1.2392e-03 1.5703e-05
2039 -4.5514e-01 -1.2886e-02 -1.9038e-03 -4.1317e-04 -1.1297e-04 2.1729e-04

2040 -3.0820e-01 -2.8153e-03 1.0735e+00 4.0027e-05 -7.6454e-04 3.7574e-05
2041 -2.9190e-01 -7.3458e-03 8.7940e-01 9.4433e-05 -2.4579e-03 1.9586e-05
2042 -2.7145e-01 1.2416e-02 8.9705e-01 -1.9829e-04 -2.4981e-03 -1.1137e-05
2043 -2.2349e-01 -3.8100e-03 5.3054e-01 3.6919e-05 -3.2577e-03 -2.4544e-05
2044 -1.0931e-01 -1.5667e-03 1.5266e-01 2.3324e-05 -2.5469e-03 -3.1362e-05
2045 -6.4119e-02 4.6340e-03 2.1475e-02 -9.4950e-07 -5.2753e-04 -7.1684e-05
2046 -8.7870e-02 9.6612e-03 5.9354e-02 -3.7173e-05 1.7313e-04 -6.4163e-05
2047 -1.1239e-01 1.1017e-02 9.5532e-02 -6.4010e-05 2.7975e-05 -5.2584e-05
2048 -1.0436e-01 7.5586e-03 8.9884e-02 -7.2503e-05 3.3458e-05 -3.1602e-05
2049 -1.0153e-01 1.0201e-02 8.3046e-02 -9.0167e-05 -4.4148e-04 -4.4350e-05
2050 -6.2022e-01 -5.4523e-03 -4.7168e-03 9.6808e-05 -2.1589e-04 -5.1138e-05
2051 -6.3118e-01 -2.9373e-03 -2.4853e-02 4.6561e-05 6.4803e-04 -6.0335e-05
2052 -4.5336e-01 3.5393e-03 4.7744e-01 -1.1815e-05 3.6685e-03 -1.5515e-05
2053 -5.8658e-01 -1.1460e-04 7.2796e-02 2.3884e-05 2.5608e-03 -4.7418e-05
2054 -3.5842e-01 3.1876e-03 8.8389e-01 -3.9640e-06 3.0374e-03 1.3940e-05
2055 -3.2720e-01 1.6695e-03 1.1399e+00 7.7793e-07 1.3482e-03 1.7913e-05
2056 -4.6232e-01 -1.8913e-02 -1.5867e-02 -2.7325e-04 4.3053e-04 9.5777e-05
2057 -3.2682e-01 -4.8737e-04 1.1698e+00 1.1676e-05 -8.3976e-04 2.3643e-05
2058 -3.0897e-01 -2.5807e-03 9.5728e-01 2.8137e-05 -2.6836e-03 1.3692e-05
2059 -2.0315e-01 3.2019e-03 5.4222e-01 -8.3688e-05 -3.3266e-03 5.4883e-05
2060 -2.3458e-01 -2.3576e-03 5.7704e-01 1.7982e-05 -3.5541e-03 -2.5053e-06
2061 -1.1029e-01 -8.9168e-04 1.6510e-01 1.3223e-05 -2.7913e-03 -3.0399e-05
2062 -5.9921e-02 4.4843e-03 1.8308e-02 -6.9496e-06 -6.0625e-04 -6.4217e-05
2063 -8.4182e-02 8.7911e-03 5.6736e-02 -3.6222e-05 1.7065e-04 -6.0727e-05
2064 -1.1039e-01 1.0153e-02 9.5043e-02 -6.4163e-05 4.1403e-05 -4.6645e-05
2065 -9.4718e-02 2.7828e-03 7.8593e-02 -3.0390e-05 -4.1096e-04 3.0975e-05
2066 -1.0053e-01 8.4689e-03 8.3393e-02 -7.7519e-05 -4.3345e-04 -2.7326e-05
2067 -5.7507e-01 -6.7702e-03 -3.2544e-03 2.9796e-05 -1.9452e-04 -2.6736e-05
2068 -6.1832e-01 -8.1287e-03 -4.7042e-03 -3.4771e-05 -2.1580e-04 -4.1811e-06
2069 -5.8500e-01 -4.3097e-03 -2.1507e-02 4.9872e-06 5.7802e-04 -4.1293e-05
2070 -6.2926e-01 -5.6593e-03 -2.4823e-02 -3.3942e-05 6.4766e-04 -2.3297e-05
2071 -4.2617e-01 4.3040e-03 4.2713e-01 -4.9798e-05 3.2822e-03 -1.1235e-05
2072 -4.5154e-01 5.1540e-03 4.7720e-01 -8.6369e-05 3.6661e-03 -5.5951e-06
2073 -5.4517e-01 -2.9623e-04 6.5707e-02 -1.9216e-05 2.2883e-03 -4.4070e-05
2074 -5.8469e-01 -5.3644e-04 7.2769e-02 -5.8558e-05 2.5594e-03 -4.3082e-05
2075 -3.4118e-01 4.3402e-03 7.9100e-01 -3.4677e-05 2.7255e-03 1.5734e-05
2076 -3.5667e-01 5.4503e-03 8.8337e-01 -6.1412e-05 3.0347e-03 7.8450e-06
2077 -3.1309e-01 3.2057e-03 1.0213e+00 -2.7831e-05 1.2213e-03 1.6782e-05
2078 -3.2548e-01 6.0361e-03 1.1391e+00 -7.5265e-05 1.3458e-03 1.7992e-05
2079 -3.4547e-01 1.7692e-03 3.0784e-01 -2.7970e-04 2.3687e-03 4.1602e-05
2080 -2.8259e-01 8.0899e-03 5.7131e-01 -2.6567e-04 1.9721e-03 -2.6066e-05
2081 -3.1257e-01 1.3849e-03 1.0503e+00 -1.4075e-05 -7.3822e-04 1.6346e-05
2082 -3.2517e-01 3.2483e-03 1.1687e+00 -3.6261e-05 -8.4008e-04 8.1260e-06
2083 -2.9654e-01 -1.1047e-04 8.6136e-01 -5.6405e-06 -2.4013e-03 1.2484e-05
2084 -3.0740e-01 3.7883e-03 9.5636e-01 -6.1874e-05 -2.6812e-03 6.1276e-06
2085 -8.7675e-02 1.3866e-03 1.5560e-01 -6.1278e-05 -2.6362e-03 -3.5850e-05
2086 -3.9546e-02 4.2139e-03 1.2188e-02 -7.3434e-05 -5.8664e-04 -5.6427e-05
2087 -2.2933e-01 -1.1544e-03 5.1968e-01 -6.0109e-08 -3.1860e-03 4.9800e-06
2088 -2.3312e-01 6.4230e-05 5.7651e-01 -1.9548e-05 -3.5511e-03 2.3108e-05
2089 -1.1732e-01 -4.1473e-04 1.4969e-01 1.4468e-06 -2.4746e-03 -2.8515e-05
2090 -1.0897e-01 1.1526e-05 1.6495e-01 -9.7026e-06 -2.7910e-03 -2.8561e-05
2091 -7.4493e-02 4.3777e-03 2.6029e-02 -1.4463e-05 -4.7583e-04 -6.0834e-05
2092 -5.8472e-02 4.2904e-03 1.7719e-02 -2.2484e-05 -6.1056e-04 -5.7692e-05
2093 -9.9930e-02 8.1283e-03 6.6895e-02 -3.7148e-05 1.9464e-04 -5.8831e-05
2094 -8.2452e-02 7.4738e-03 5.5662e-02 -3.8381e-05 1.6747e-04 -5.7178e-05
2095 -1.2475e-01 9.4511e-03 1.0395e-01 -6.4289e-05 1.6849e-05 -4.1590e-05
2096 -1.0853e-01 8.7681e-03 9.3734e-02 -6.4745e-05 4.2570e-05 -3.6658e-05
2097 -5.5654e-01 -1.2059e-02 -2.9900e-03 -2.5818e-04 -2.2568e-04 7.9949e-05
2098 -5.6694e-01 -1.0675e-02 -2.2046e-02 -1.5343e-04 5.9272e-04 4.0824e-05
2099 -1.1188e-01 7.1079e-03 8.9516e-02 -6.5461e-05 -4.8814e-04 -1.3704e-05
2100 -9.8954e-02 5.7370e-03 8.2352e-02 -5.3235e-05 -4.2644e-04 2.7408e-07
2101 -5.7995e-01 -9.7999e-03 -4.1038e-03 -1.1601e-04 -1.9047e-04 2.4459e-05
2102 -5.8964e-01 -7.4010e-03 -2.1950e-02 -8.1265e-05 5.9983e-04 -4.9767e-07
2103 -4.2648e-01 6.3824e-03 4.3872e-01 -1.3338e-04 3.3634e-03 1.7575e-07
2104 -5.4853e-01 -9.1120e-04 6.8019e-02 -1.0628e-04 2.3494e-03 -4.3890e-05
2105 -3.3945e-01 6.6880e-03 8.1132e-01 -9.2932e-05 2.7877e-03 1.0381e-05
2106 -3.1076e-01 7.9751e-03 1.0465e+00 -1.1147e-04 1.2428e-03 1.7149e-05
2107 -2.6102e-01 1.2951e-02 7.3783e-01 -2.5578e-04 8.8124e-04 2.8183e-05
2108 -3.1029e-01 5.3861e-03 1.0750e+00 -6.4657e-05 -7.6415e-04 -5.6050e-06
2109 -2.9384e-01 7.6050e-03 8.8067e-01 -1.1635e-04 -2.4615e-03 1.8130e-06
2110 -5.2623e-01 -1.7569e-03 6.8053e-02 -1.8210e-04 2.3860e-03 -5.6872e-05
2111 -2.2529e-01 1.4908e-03 5.3125e-01 -4.3904e-05 -3.2620e-03 3.8237e-05

2112	-1.1092e-01	5.2178e-04	1.5284e-01	-2.6594e-05	-2.5474e-03	-2.8916e-05
2113	-6.5893e-02	4.2115e-03	2.2249e-02	-3.6889e-05	-5.2167e-04	-5.5982e-05
2114	-9.0030e-02	6.6333e-03	6.0792e-02	-4.3724e-05	1.7754e-04	-5.7991e-05
2115	-1.1472e-01	7.9786e-03	9.7302e-02	-6.9433e-05	2.6560e-05	-3.3818e-05
2116	-4.3163e-01	-2.3964e-03	4.8913e-02	-3.9705e-04	1.6537e-03	2.2696e-05
2117	-1.0351e-01	3.9666e-03	8.4467e-02	-4.2185e-05	-4.5079e-04	1.6943e-05
2118	-5.7030e-01	-1.0768e-02	-4.0148e-03	-1.6951e-04	-1.9053e-04	4.4392e-05
2119	-5.7996e-01	-8.5963e-03	-2.1819e-02	-1.1023e-04	5.9751e-04	1.4845e-05
2120	-4.1731e-01	7.3012e-03	4.3745e-01	-1.6452e-04	3.3519e-03	6.3949e-06
2121	-5.3901e-01	-1.2014e-03	6.7826e-02	-1.3620e-04	2.3420e-03	-4.6919e-05
2122	-3.3060e-01	7.3378e-03	8.0871e-01	-1.0978e-04	2.7755e-03	5.1849e-06
2123	-3.0206e-01	1.0178e-02	1.0427e+00	-1.5075e-04	1.2334e-03	1.7662e-05
2124	-2.3208e-03	-5.5814e-05	0.0000e+00	0.0000e+00	0.0000e+00	-2.6774e-08
2125	-3.0164e-01	6.5449e-03	1.0703e+00	-8.1081e-05	-7.6607e-04	-8.1993e-06

SPOSTAMENTI NODALI "V+x" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-7.6026e-03	1.5660e-05	-2.9189e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-5.7276e-03	-3.6292e-08	-2.7674e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-7.0156e-03	-5.8205e-06	-3.1618e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-7.0911e-03	5.1139e-06	-3.2249e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-6.8141e-03	-3.0659e-06	-3.1854e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-7.1451e-03	2.5781e-08	-3.2999e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-6.7997e-03	3.0467e-06	-3.1802e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-7.0948e-03	-5.0448e-06	-3.2240e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-6.9850e-03	5.8296e-06	-3.1525e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-5.7544e-03	5.3081e-09	-2.7770e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-7.5856e-03	-1.5530e-05	-2.9169e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-6.8167e-04	7.7343e-06	4.9833e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	3.9604e-04	-7.4307e-08	4.4918e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	2.7738e-04	-7.1657e-07	5.1734e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	3.0640e-04	8.9757e-07	5.2061e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	3.4809e-04	-4.8469e-07	5.0167e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	3.1295e-04	-6.6992e-09	5.2485e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	3.4798e-04	4.7091e-07	5.0141e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.0577e-04	-9.0883e-07	5.1962e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	2.7766e-04	7.0586e-07	5.1670e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	3.9533e-04	6.1189e-08	4.4852e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-6.8416e-04	-7.7525e-06	5.0316e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.8813e-03	1.0160e-05	2.2527e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-5.4854e-03	-1.0787e-06	2.7918e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-6.6508e-03	-5.2249e-06	3.2869e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-6.6872e-03	4.7984e-06	3.3326e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-6.3231e-03	-1.8607e-06	3.1645e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-6.1532e-03	4.9847e-10	2.6853e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-6.3218e-03	1.8569e-06	3.1637e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	-6.6866e-03	-4.7971e-06	3.3317e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-6.6492e-03	5.2123e-06	3.2861e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-5.4980e-03	1.0561e-06	2.7963e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-5.9038e-03	-1.0213e-05	2.2580e-05	0.0000e+00
34	1.5233e-03	2.9437e-05	-9.4740e-03	-4.6472e-06	-5.5141e-06	1.7195e-08
35	1.5233e-03	3.6934e-05	-7.6651e-04	-2.7615e-06	3.4023e-06	1.7195e-08
36	1.5233e-03	4.2161e-05	-7.4419e-03	-4.0169e-06	1.5683e-05	1.7195e-08
37	1.5164e-03	2.9437e-05	-8.2892e-03	4.4760e-07	-6.3350e-06	1.7195e-08
38	1.5088e-03	2.9437e-05	-9.5636e-03	8.6276e-07	-7.3783e-06	1.7195e-08
39	1.5040e-03	2.9437e-05	-9.6549e-03	-1.6491e-06	-7.4632e-06	1.7195e-08
40	1.4965e-03	2.9437e-05	-9.5724e-03	8.6164e-07	-7.4547e-06	1.7195e-08
41	1.4904e-03	2.9437e-05	-9.7075e-03	-3.4175e-08	-7.1525e-06	1.7195e-08
42	1.4844e-03	2.9437e-05	-9.5494e-03	-9.6383e-07	-7.4557e-06	1.7195e-08
43	1.4769e-03	2.9437e-05	-9.6702e-03	1.6004e-06	-7.5269e-06	1.7195e-08
44	1.4720e-03	2.9437e-05	-9.5109e-03	-9.2691e-07	-7.3928e-06	1.7195e-08
45	1.4645e-03	2.9437e-05	-8.3319e-03	-5.5615e-07	-6.4594e-06	1.7195e-08
46	1.4576e-03	2.9437e-05	-9.4507e-03	4.5405e-06	-5.6002e-06	1.7195e-08
47	1.5164e-03	3.6934e-05	2.9431e-04	6.7723e-07	6.1531e-06	1.7195e-08
48	1.5088e-03	3.6934e-05	1.6647e-04	2.9419e-07	6.6929e-06	1.7195e-08
49	1.5040e-03	3.6934e-05	1.9339e-04	-6.2009e-07	6.6940e-06	1.7195e-08
50	1.4965e-03	3.6934e-05	2.3644e-04	3.2194e-07	6.5119e-06	1.7195e-08
51	1.4904e-03	3.6934e-05	2.0651e-04	-5.9562e-08	5.4710e-06	1.7195e-08
52	1.4844e-03	3.6934e-05	2.3638e-04	-4.5515e-07	6.5222e-06	1.7195e-08
53	1.4769e-03	3.6934e-05	1.9277e-04	5.0312e-07	6.6702e-06	1.7195e-08
54	1.4720e-03	3.6934e-05	1.6684e-04	-4.1431e-07	6.7130e-06	1.7195e-08

55	1.4645e-03	3.6934e-05	2.9324e-04	-8.1520e-07	6.1210e-06	1.7195e-08
56	1.4576e-03	3.6934e-05	-7.6932e-04	2.5827e-06	3.4249e-06	1.7195e-08
57	1.5164e-03	4.2161e-05	-7.8880e-03	-2.3315e-07	1.7923e-05	1.7195e-08
58	1.5088e-03	4.2161e-05	-8.9451e-03	8.6339e-07	1.9362e-05	1.7195e-08
59	1.5040e-03	4.2161e-05	-8.9838e-03	-1.4696e-06	1.9489e-05	1.7195e-08
60	1.4965e-03	4.2161e-05	-8.8462e-03	9.7478e-07	1.9607e-05	1.7195e-08
61	1.4904e-03	4.2161e-05	-8.3983e-03	-7.3426e-08	1.9545e-05	1.7195e-08
62	1.4844e-03	4.2161e-05	-8.8443e-03	-1.1366e-06	1.9583e-05	1.7195e-08
63	1.4769e-03	4.2161e-05	-8.9841e-03	1.3219e-06	1.9455e-05	1.7195e-08
64	1.4720e-03	4.2161e-05	-8.9419e-03	-1.0194e-06	1.9298e-05	1.7195e-08
65	1.4645e-03	4.2161e-05	-7.9072e-03	4.9506e-08	1.7895e-05	1.7195e-08
66	1.4576e-03	4.2161e-05	-7.4717e-03	3.7797e-06	1.5646e-05	1.7195e-08
67	0.0000e+00	0.0000e+00	-8.7730e-03	1.4852e-05	-2.3081e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-6.8767e-03	-9.1678e-08	-2.3447e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	-8.3195e-03	-6.4798e-06	-2.6180e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	-8.4229e-03	5.6089e-06	-2.6769e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	-8.1278e-03	-3.3866e-06	-2.6501e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-8.5105e-03	2.9312e-08	-2.7542e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.1111e-03	3.3676e-06	-2.6450e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-8.4258e-03	-5.5337e-06	-2.6747e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-8.2852e-03	6.4881e-06	-2.6097e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-6.9074e-03	5.6984e-08	-2.3535e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-8.7563e-03	-1.4722e-05	-2.3114e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	2.4512e-03	1.6951e-05	5.1530e-05	0.0000e+00
1895	0.0000e+00	0.0000e+00	-2.4253e-03	8.2834e-07	7.8807e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	-1.4392e-03	6.8935e-07	9.8433e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-1.2707e-03	-1.7748e-06	1.2309e-05	0.0000e+00
1898	0.0000e+00	0.0000e+00	-1.4377e-03	5.7521e-07	1.0697e-05	0.0000e+00
1899	0.0000e+00	0.0000e+00	-1.0705e-03	-4.4839e-08	1.6537e-05	0.0000e+00
1900	0.0000e+00	0.0000e+00	-1.4088e-03	-5.2387e-07	1.1250e-05	0.0000e+00
1901	0.0000e+00	0.0000e+00	-1.2914e-03	1.6157e-06	1.2300e-05	0.0000e+00
1902	0.0000e+00	0.0000e+00	-1.3722e-03	-7.4290e-07	1.0852e-05	0.0000e+00
1903	0.0000e+00	0.0000e+00	-2.4785e-03	-7.7397e-07	6.9214e-06	0.0000e+00
1904	0.0000e+00	0.0000e+00	2.4683e-03	-1.7078e-05	5.0976e-05	0.0000e+00
1905	0.0000e+00	0.0000e+00	-2.2078e-03	-9.5207e-06	-2.0151e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-1.2953e-03	1.0885e-08	-1.2446e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	-1.1324e-03	1.2761e-06	-8.9176e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	-1.1007e-03	-1.5895e-06	-8.6646e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	-1.1342e-03	1.7299e-06	-1.1277e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	-1.7219e-03	-2.4133e-09	-1.6651e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	-1.1327e-03	-1.7278e-06	-1.1258e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	-1.1018e-03	1.5813e-06	-8.6150e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-1.1298e-03	-1.2726e-06	-8.8384e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	-1.3107e-03	2.2482e-09	-1.2291e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	-2.2566e-03	9.7398e-06	-1.9871e-05	0.0000e+00
1916	4.1018e-02	-3.2521e-03	-3.1280e-02	3.7546e-05	-1.0136e-04	4.2730e-05
1917	1.6656e-01	-5.4511e-03	-4.8687e-01	7.5362e-05	3.4488e-04	1.3282e-05
1918	1.5829e-01	-9.0967e-03	-3.9894e-01	1.1790e-04	1.1140e-03	2.0053e-06
1919	2.5827e-01	-5.8047e-03	-2.8638e-01	1.3773e-04	-2.1986e-03	-1.2446e-05
1920	1.2645e-01	-2.3876e-03	-2.4053e-01	-6.0044e-06	1.4693e-03	-4.3831e-05
1921	7.4263e-02	-2.7939e-03	-7.0542e-02	-3.0291e-05	1.1252e-03	6.7132e-08
1922	5.5287e-02	-2.7695e-03	-1.7617e-02	-4.9437e-05	2.0084e-04	-1.4547e-05
1923	6.6726e-02	-4.6345e-03	-3.7164e-02	-3.2532e-05	-9.2342e-05	-5.1011e-06
1924	7.7874e-02	-4.4448e-03	-5.4887e-02	2.8249e-06	1.0979e-05	-3.0433e-05
1925	1.8320e-01	-6.4966e-03	-5.6268e-01	1.0057e-04	1.5751e-03	2.2935e-06
1926	6.9642e-02	-6.1189e-04	-4.6541e-02	-2.3568e-05	2.8408e-04	-5.7169e-05
1927	2.7929e-01	-1.0062e-02	-1.6039e-02	-2.2320e-04	1.6288e-04	4.4894e-07
1928	3.3081e-01	-1.0141e-02	-3.0465e-02	-2.8119e-04	3.2725e-04	2.7387e-05
1929	3.4868e-01	-5.9832e-03	-2.5378e-02	-1.9241e-04	2.7438e-04	1.8495e-05
1930	3.5073e-01	-3.3981e-03	-2.5334e-02	-1.4342e-04	2.7412e-04	1.4245e-05
1931	3.7597e-01	5.9299e-04	-2.7984e-02	-7.5167e-05	3.0518e-04	9.3219e-06
1932	3.4934e-01	3.7358e-03	-2.5630e-02	-2.4525e-05	2.7278e-04	6.1433e-06
1933	3.7475e-01	6.8642e-03	-2.7983e-02	2.4346e-05	3.0510e-04	3.5435e-06
1934	3.5230e-01	1.0800e-02	-2.5338e-02	8.6196e-05	2.7424e-04	4.9061e-07
1935	3.4611e-01	1.3324e-02	-2.5375e-02	1.2754e-04	2.7423e-04	-1.4138e-06
1936	3.3450e-01	1.7341e-02	-2.9811e-02	1.9742e-04	3.1909e-04	-4.3639e-06
1937	2.8069e-01	2.1071e-02	-1.5375e-02	3.2433e-04	1.5509e-04	-3.5990e-05
1938	5.6606e-02	-7.4354e-04	-1.7551e-02	-1.0244e-04	7.5613e-04	-6.5425e-07
1939	2.8464e-01	3.1000e-04	-1.2677e-02	-3.4549e-05	-9.3321e-04	9.3405e-06
1940	2.8407e-02	4.7409e-04	-1.9249e-02	-1.7254e-05	1.1839e-03	4.2620e-05
1941	4.2481e-02	7.0984e-06	-2.0518e-02	-1.4181e-05	1.1300e-03	3.7046e-05
1942	4.3978e-02	-2.1628e-04	-2.0670e-02	-1.1106e-05	1.1280e-03	3.4416e-05

1943	4.2195e-02	-4.9310e-04	-2.1402e-02	-5.2580e-06	1.2452e-03	3.1401e-05
1944	4.9736e-02	-6.5973e-04	-2.0720e-02	1.2819e-06	1.0845e-03	2.9842e-05
1945	4.1362e-02	-8.2694e-04	-2.1342e-02	7.7893e-06	1.2465e-03	2.8888e-05
1946	4.4986e-02	-1.0228e-03	-2.0736e-02	1.8031e-05	1.1264e-03	2.8677e-05
1947	4.0345e-02	-1.1683e-03	-2.0369e-02	2.5570e-05	1.1343e-03	2.9221e-05
1948	2.9301e-02	-1.4254e-03	-1.9360e-02	4.0827e-05	1.1848e-03	3.1501e-05
1949	5.6016e-02	-2.8804e-03	-1.7500e-02	-3.5009e-05	7.5687e-04	-1.1838e-05
1950	3.4658e-01	-1.2250e-04	-1.5881e-02	-1.4359e-04	-1.3432e-03	4.2156e-05
1951	3.5938e-01	-1.2177e-05	-1.6627e-02	-8.7733e-05	-1.3238e-03	3.7006e-05
1952	3.6138e-01	1.0738e-04	-1.6670e-02	-5.7864e-05	-1.3254e-03	3.3983e-05
1953	3.8836e-01	3.5560e-04	-1.7265e-02	-1.8567e-05	-1.4452e-03	3.0272e-05
1954	3.6051e-01	5.9112e-04	-1.5895e-02	9.4038e-06	-1.2913e-03	2.7928e-05
1955	3.8715e-01	8.6601e-04	-1.7261e-02	3.4762e-05	-1.4444e-03	2.6766e-05
1956	3.6295e-01	1.2657e-03	-1.6673e-02	6.5345e-05	-1.3265e-03	2.6364e-05
1957	3.5681e-01	1.5698e-03	-1.6618e-02	8.4308e-05	-1.3222e-03	2.7478e-05
1958	3.4890e-01	2.1460e-03	-1.5923e-02	1.1307e-04	-1.3452e-03	3.2132e-05
1959	2.8467e-01	2.8949e-03	-1.2731e-02	2.5996e-04	-9.3544e-04	-1.1535e-06
1960	2.8998e-01	1.0178e-02	-2.3507e-03	2.8810e-04	1.1046e-04	-8.5062e-05
1961	3.5439e-01	9.5711e-03	-2.5245e-03	1.7989e-04	2.1971e-04	-2.8014e-05
1962	3.6319e-01	8.1935e-03	-1.9485e-03	1.1733e-04	1.8892e-04	-1.5182e-05
1963	3.6938e-01	7.2305e-03	-1.9104e-03	7.9979e-05	1.8894e-04	-7.8958e-06
1964	3.9367e-01	5.6286e-03	-2.0322e-03	2.3713e-05	2.1156e-04	2.6897e-06
1965	3.6621e-01	4.3364e-03	-2.4978e-03	-2.0851e-05	1.8981e-04	1.1098e-05
1966	3.9489e-01	3.0676e-03	-2.0295e-03	-6.7006e-05	2.1164e-04	2.0331e-05
1967	3.6781e-01	1.5577e-03	-1.9133e-03	-1.2893e-04	1.8882e-04	3.3780e-05
1968	3.6577e-01	7.0328e-04	-1.9434e-03	-1.7306e-04	1.8906e-04	4.4598e-05
1969	3.5138e-01	-4.0600e-04	-2.5554e-03	-2.5222e-04	2.2495e-04	6.6292e-05
1970	2.8923e-01	-9.5727e-04	-2.4165e-03	-2.0565e-04	1.1540e-04	2.4116e-05
1971	7.3708e-03	2.0581e-03	2.4968e-03	-1.6563e-05	6.2723e-05	4.4985e-08
1972	-1.7130e-04	6.9597e-05	-2.5827e-03	-4.5944e-07	-3.9916e-06	4.0832e-08
1973	1.3028e-03	7.3174e-05	-1.4197e-03	-5.1822e-07	1.0510e-05	3.2308e-08
1974	1.5298e-03	-2.1203e-04	-1.3366e-03	1.7806e-06	1.2481e-05	2.6058e-08
1975	1.1957e-03	5.6163e-05	-1.4680e-03	-4.1989e-07	9.2434e-06	2.0506e-08
1976	2.2976e-03	1.8719e-06	-1.1031e-03	2.8908e-09	1.9349e-05	1.5087e-08
1977	1.0975e-03	-6.9591e-05	-1.4983e-03	5.6460e-07	8.3681e-06	9.5172e-09
1978	1.5720e-03	2.2494e-04	-1.3140e-03	-1.8515e-06	1.2928e-05	4.4000e-09
1979	1.1005e-03	-7.2618e-05	-1.4903e-03	5.4551e-07	8.6667e-06	-1.6263e-09
1980	3.1961e-06	-8.0831e-05	-2.5269e-03	5.7745e-07	-2.4294e-06	-9.2697e-09
1981	7.4364e-03	-2.0624e-03	2.4794e-03	1.6675e-05	6.3249e-05	-3.1673e-08
1982	6.9526e-02	-9.6869e-03	-4.6476e-02	7.5941e-05	2.8464e-04	5.2706e-05
1983	1.3950e-01	-1.4570e-03	-3.3945e-01	3.8581e-05	2.0861e-03	-3.1373e-05
1984	7.7933e-02	-8.1008e-03	-5.4898e-02	-3.3993e-06	1.1902e-05	-1.7892e-06
1985	6.6811e-02	-9.3257e-03	-3.7065e-02	-3.6495e-05	-8.9617e-05	9.5379e-07
1986	5.5943e-02	-3.2740e-03	-1.8133e-02	-1.0766e-04	2.0193e-04	1.1780e-05
1987	2.9165e-01	1.3445e-03	1.1977e-03	-1.9063e-04	7.5409e-05	4.6576e-05
1988	2.9620e-01	2.2337e-03	9.5807e-03	-8.9167e-05	-2.7424e-04	7.1776e-05
1989	2.2202e-01	4.3047e-03	-1.9832e-01	-7.2512e-05	-1.5199e-03	2.6108e-05
1990	2.7722e-01	4.0535e-04	-3.1339e-02	-3.7509e-05	-1.0607e-03	-5.4795e-06
1991	1.8213e-01	1.0176e-03	-3.6672e-01	-3.2406e-06	-1.2656e-03	-3.4934e-05
1992	1.6850e-01	9.7132e-03	-4.7429e-01	-1.5165e-04	-5.6740e-04	-1.0014e-05
1993	5.6786e-02	-4.5496e-03	-5.3265e-02	5.4391e-05	-3.1060e-05	2.1931e-05
1994	1.6748e-01	4.3836e-03	-4.8726e-01	-5.7050e-05	3.4490e-04	4.4603e-06
1995	1.5925e-01	9.3634e-03	-3.9934e-01	-1.6156e-04	1.1145e-03	-3.0122e-05
1996	2.0188e-01	-5.1520e-03	-5.3020e-01	8.1114e-05	-1.8201e-03	4.5904e-06
1997	1.2729e-01	3.7703e-03	-2.4089e-01	-1.0680e-04	1.4713e-03	3.1352e-05
1998	7.4853e-02	3.9534e-04	-7.0432e-02	-1.0027e-04	1.1257e-03	-4.4515e-06
1999	3.5451e-01	1.4841e-03	1.9414e-03	-2.3373e-04	1.4803e-04	1.0927e-04
2000	3.6114e-01	-1.7127e-03	1.3606e-02	-1.3511e-04	-3.7861e-04	9.0570e-05
2001	2.5613e-01	-9.4507e-04	-2.8706e-01	-8.4140e-05	-2.1959e-03	3.1411e-05
2002	3.3568e-01	1.1242e-04	-4.3656e-02	-1.3800e-04	-1.5311e-03	4.4831e-05
2003	2.0028e-01	3.8762e-04	-5.2980e-01	-7.2518e-05	-1.8152e-03	-3.1496e-05
2004	1.8241e-01	5.5255e-03	-6.8293e-01	-1.1873e-04	-8.0804e-04	-4.5846e-06
2005	6.6504e-02	-5.4414e-04	-9.7641e-02	2.4720e-05	1.6362e-03	1.9873e-05
2006	1.8303e-01	3.7804e-03	-7.0130e-01	-5.2453e-05	4.9808e-04	-2.2672e-05
2007	1.7325e-01	8.9092e-03	-5.7476e-01	-1.2344e-04	1.6032e-03	-1.9932e-05
2008	1.8374e-01	-9.1441e-03	-6.8327e-01	1.4018e-04	-8.1223e-04	-1.0791e-05
2009	1.2943e-01	3.5368e-03	-3.4737e-01	-3.4570e-05	2.1332e-03	3.4567e-05
2010	5.5313e-02	1.9720e-03	-9.9412e-02	-2.1268e-05	1.6904e-03	2.0096e-05
2011	2.4421e-02	-3.1573e-03	-7.6549e-03	-1.8432e-06	3.8125e-04	5.9620e-05
2012	3.9242e-02	-7.2575e-03	-3.0046e-02	3.0052e-05	-9.5670e-05	4.6244e-05
2013	5.4836e-02	-7.8301e-03	-5.1858e-02	4.2418e-05	-3.1341e-05	4.1321e-05
2014	3.7118e-02	-2.6910e-03	-1.2109e-02	3.0922e-05	3.5101e-04	3.5454e-05

2015	5.0104e-02	-8.4945e-03	-4.5322e-02	7.7321e-05	2.2229e-04	5.2826e-05
2016	3.6883e-01	2.0266e-03	2.5938e-03	-1.6074e-04	1.2248e-04	7.3445e-05
2017	3.7505e-01	-1.4561e-04	1.4050e-02	-9.0999e-05	-3.8418e-04	6.7865e-05
2018	2.7047e-01	-1.3992e-03	-2.8123e-01	-4.6567e-05	-2.1553e-03	1.9957e-05
2019	3.4871e-01	-1.1337e-05	-4.3593e-02	-8.3391e-05	-1.5058e-03	3.7934e-05
2020	2.1471e-01	-4.9175e-04	-5.1998e-01	-4.2489e-05	-1.7852e-03	-1.7056e-05
2021	1.9635e-01	2.2755e-03	-6.7051e-01	-6.1228e-05	-7.9383e-04	-8.6808e-06
2022	5.1946e-02	-5.0809e-04	-4.6538e-02	1.0944e-05	2.2948e-04	-3.4581e-05
2023	1.9614e-01	2.6663e-03	-6.8833e-01	-3.7783e-05	4.9129e-04	-2.6182e-05
2024	1.8569e-01	6.3621e-03	-5.6378e-01	-8.5025e-05	1.5765e-03	-1.4890e-05
2025	1.8422e-01	-5.0711e-03	-7.0252e-01	6.4787e-05	4.9455e-04	-2.3715e-06
2026	1.4185e-01	2.9499e-03	-3.4012e-01	-2.9941e-05	2.0892e-03	2.2761e-05
2027	6.8672e-02	1.3373e-03	-9.7835e-02	-1.8418e-05	1.6353e-03	2.0451e-05
2028	3.9523e-02	-3.0430e-03	-1.3129e-02	-9.3198e-07	3.4317e-04	5.0308e-05
2029	5.4492e-02	-6.5890e-03	-3.6961e-02	2.5831e-05	-1.0806e-04	4.3221e-05
2030	7.0120e-02	-7.3988e-03	-5.9970e-02	4.2140e-05	-1.9436e-05	3.7236e-05
2031	5.1598e-02	-3.8922e-03	-3.5104e-02	3.0289e-05	-1.0255e-04	3.8047e-05
2032	6.3454e-02	-7.2829e-03	-5.2252e-02	6.6294e-05	2.7590e-04	3.7550e-05
2033	3.7087e-01	2.5303e-03	2.6247e-03	-1.1981e-04	1.2222e-04	5.5460e-05
2034	3.7708e-01	7.0566e-04	1.4068e-02	-6.5700e-05	-3.8490e-04	5.5479e-05
2035	2.7239e-01	-1.7186e-03	-2.8154e-01	-2.4159e-05	-2.1579e-03	1.5069e-05
2036	3.5071e-01	-1.2872e-05	-4.3660e-02	-5.4054e-05	-1.5075e-03	3.4352e-05
2037	2.1656e-01	-1.0895e-03	-5.2057e-01	-2.3661e-05	-1.7878e-03	-1.2814e-05
2038	1.9816e-01	8.2286e-04	-6.7137e-01	-3.4162e-05	-7.9584e-04	-1.0085e-05
2039	2.9229e-01	8.2755e-03	1.2226e-03	2.6534e-04	7.2549e-05	-1.3954e-04
2040	1.9793e-01	1.8080e-03	-6.8938e-01	-2.5706e-05	4.9099e-04	-2.4130e-05
2041	1.8746e-01	4.7175e-03	-5.6475e-01	-6.0645e-05	1.5785e-03	-1.2578e-05
2042	1.7433e-01	-7.9735e-03	-5.7609e-01	1.2734e-04	1.6043e-03	7.1523e-06
2043	1.4352e-01	2.4468e-03	-3.4071e-01	-2.3710e-05	2.0921e-03	1.5762e-05
2044	7.0199e-02	1.0062e-03	-9.8041e-02	-1.4979e-05	1.6356e-03	2.0141e-05
2045	4.1177e-02	-2.9760e-03	-1.3791e-02	6.0977e-07	3.3878e-04	4.6036e-05
2046	5.6430e-02	-6.2044e-03	-3.8117e-02	2.3872e-05	-1.1119e-04	4.1206e-05
2047	7.2174e-02	-7.0753e-03	-6.1351e-02	4.1107e-05	-1.7966e-05	3.3769e-05
2048	6.7022e-02	-4.8541e-03	-5.7723e-02	4.6562e-05	-2.1487e-05	2.0295e-05
2049	6.5205e-02	-6.5509e-03	-5.3332e-02	5.7906e-05	2.8352e-04	2.8482e-05
2050	3.9831e-01	3.5015e-03	3.0291e-03	-6.2171e-05	1.3865e-04	3.2841e-05
2051	4.0534e-01	1.8863e-03	1.5961e-02	-2.9901e-05	-4.1617e-04	3.8747e-05
2052	2.9115e-01	-2.2729e-03	-3.0661e-01	7.5876e-06	-2.3559e-03	9.9636e-06
2053	3.7670e-01	7.3597e-05	-4.6750e-02	-1.5338e-05	-1.6446e-03	3.0452e-05
2054	2.3018e-01	-2.0471e-03	-5.6764e-01	2.5457e-06	-1.9506e-03	-8.9523e-06
2055	2.1013e-01	-1.0722e-03	-7.3205e-01	-4.9959e-07	-8.6584e-04	-1.1504e-05
2056	2.9690e-01	1.2146e-02	1.0190e-02	1.7548e-04	-2.7649e-04	-6.1508e-05
2057	2.0988e-01	3.1299e-04	-7.5124e-01	-7.4982e-06	5.3929e-04	-1.5184e-05
2058	1.9842e-01	1.6573e-03	-6.1476e-01	-1.8070e-05	1.7234e-03	-8.7929e-06
2059	1.3046e-01	-2.0562e-03	-3.4821e-01	5.3745e-05	2.1363e-03	-3.5246e-05
2060	1.5065e-01	1.5141e-03	-3.7058e-01	-1.1548e-05	2.2825e-03	1.6089e-06
2061	7.0830e-02	5.7264e-04	-1.0603e-01	-8.4919e-06	1.7926e-03	1.9522e-05
2062	3.8481e-02	-2.8798e-03	-1.1757e-02	4.4630e-06	3.8934e-04	4.1241e-05
2063	5.4062e-02	-5.6457e-03	-3.6436e-02	2.3262e-05	-1.0959e-04	3.8999e-05
2064	7.0891e-02	-6.5204e-03	-6.1037e-02	4.1206e-05	-2.6589e-05	2.9956e-05
2065	6.0828e-02	-1.7871e-03	-5.0472e-02	1.9517e-05	2.6392e-04	-1.9892e-05
2066	6.4563e-02	-5.4387e-03	-5.3555e-02	4.9783e-05	2.7837e-04	1.7549e-05
2067	3.6931e-01	4.3478e-03	2.0900e-03	-1.9135e-05	1.2492e-04	1.7170e-05
2068	3.9708e-01	5.2203e-03	3.0211e-03	2.2330e-05	1.3859e-04	2.6851e-06
2069	3.7569e-01	2.7677e-03	1.3812e-02	-3.2028e-06	-3.7120e-04	2.6518e-05
2070	4.0411e-01	3.6344e-03	1.5942e-02	2.1798e-05	-4.1593e-04	1.4961e-05
2071	2.7369e-01	-2.7640e-03	-2.7431e-01	3.1981e-05	-2.1079e-03	7.2154e-06
2072	2.8998e-01	-3.3099e-03	-3.0646e-01	5.5466e-05	-2.3544e-03	3.5932e-06
2073	3.5011e-01	1.9024e-04	-4.2197e-02	1.2341e-05	-1.4695e-03	2.8302e-05
2074	3.7549e-01	3.4450e-04	-4.6733e-02	3.7606e-05	-1.6437e-03	2.7667e-05
2075	2.1911e-01	-2.7873e-03	-5.0798e-01	2.2269e-05	-1.7503e-03	-1.0104e-05
2076	2.2906e-01	-3.5002e-03	-5.6730e-01	3.9439e-05	-1.9489e-03	-5.0381e-06
2077	2.0107e-01	-2.0587e-03	-6.5590e-01	1.7873e-05	-7.8431e-04	-1.0778e-05
2078	2.0902e-01	-3.8764e-03	-7.3154e-01	4.8336e-05	-8.6428e-04	-1.1555e-05
2079	2.2186e-01	-1.1362e-03	-1.9769e-01	1.7963e-04	-1.5212e-03	-2.6717e-05
2080	1.8148e-01	-5.1953e-03	-3.6689e-01	1.7061e-04	-1.2665e-03	1.6740e-05
2081	2.0073e-01	-8.8936e-04	-6.7452e-01	9.0392e-06	4.7408e-04	-1.0497e-05
2082	2.0882e-01	-2.0861e-03	-7.5052e-01	2.3287e-05	5.3950e-04	-5.2185e-06
2083	1.9044e-01	7.0947e-05	-5.5317e-01	3.6223e-06	1.5421e-03	-8.0170e-06
2084	1.9741e-01	-2.4329e-03	-6.1417e-01	3.9735e-05	1.7219e-03	-3.9351e-06
2085	5.6305e-02	-8.9046e-04	-9.9925e-02	3.9353e-05	1.6930e-03	2.3023e-05
2086	2.5397e-02	-2.7062e-03	-7.8270e-03	4.7160e-05	3.7674e-04	3.6238e-05

2087	1.4728e-01	7.4135e-04	-3.3374e-01	3.8602e-08	2.0460e-03	-3.1982e-06
2088	1.4971e-01	-4.1248e-05	-3.7024e-01	1.2554e-05	2.2805e-03	-1.4840e-05
2089	7.5344e-02	2.6634e-04	-9.6131e-02	-9.2911e-07	1.5892e-03	1.8312e-05
2090	6.9979e-02	-7.4020e-06	-1.0593e-01	6.2310e-06	1.7924e-03	1.8342e-05
2091	4.7840e-02	-2.8114e-03	-1.6716e-02	9.2880e-06	3.0558e-04	3.9067e-05
2092	3.7551e-02	-2.7553e-03	-1.1379e-02	1.4439e-05	3.9211e-04	3.7050e-05
2093	6.4175e-02	-5.2200e-03	-4.2960e-02	2.3856e-05	-1.2500e-04	3.7782e-05
2094	5.2951e-02	-4.7997e-03	-3.5746e-02	2.4648e-05	-1.0755e-04	3.6720e-05
2095	8.0113e-02	-6.0695e-03	-6.6757e-02	4.1287e-05	-1.0821e-05	2.6709e-05
2096	6.9701e-02	-5.6309e-03	-6.0196e-02	4.1579e-05	-2.7339e-05	2.3542e-05
2097	3.5741e-01	7.7441e-03	1.9202e-03	1.6580e-04	1.4493e-04	-5.1344e-05
2098	3.6409e-01	6.8553e-03	1.4158e-02	9.8535e-05	-3.8065e-04	-2.6217e-05
2099	7.1846e-02	-4.5647e-03	-5.7487e-02	4.2039e-05	3.1348e-04	8.8008e-06
2100	6.3548e-02	-3.6843e-03	-5.2886e-02	3.4187e-05	2.7386e-04	-1.7601e-07
2101	3.7245e-01	6.2935e-03	2.6355e-03	7.4502e-05	1.2232e-04	-1.5708e-05
2102	3.7867e-01	4.7529e-03	1.4096e-02	5.2189e-05	-3.8521e-04	3.1960e-07
2103	2.7389e-01	-4.0988e-03	-2.8175e-01	8.5659e-05	-2.1600e-03	-1.1287e-07
2104	3.5227e-01	5.8517e-04	-4.3682e-02	6.8251e-05	-1.5088e-03	2.8186e-05
2105	2.1800e-01	-4.2951e-03	-5.2103e-01	5.9681e-05	-1.7903e-03	-6.6666e-06
2106	1.9957e-01	-5.1216e-03	-6.7209e-01	7.1589e-05	-7.9812e-04	-1.1013e-05
2107	1.6763e-01	-8.3173e-03	-4.7383e-01	1.6426e-04	-5.6594e-04	-1.8099e-05
2108	1.9927e-01	-3.4590e-03	-6.9040e-01	4.1523e-05	4.9074e-04	3.5996e-06
2109	1.8871e-01	-4.8839e-03	-5.6557e-01	7.4723e-05	1.5808e-03	-1.1643e-06
2110	3.3795e-01	1.1283e-03	-4.3704e-02	1.1694e-04	-1.5323e-03	3.6524e-05
2111	1.4468e-01	-9.5737e-04	-3.4117e-01	2.8195e-05	2.0948e-03	-2.4556e-05
2112	7.1231e-02	-3.3509e-04	-9.8156e-02	1.7079e-05	1.6359e-03	1.8570e-05
2113	4.2317e-02	-2.7047e-03	-1.4288e-02	2.3690e-05	3.3502e-04	3.5952e-05
2114	5.7817e-02	-4.2599e-03	-3.9041e-02	2.8080e-05	-1.1402e-04	3.7242e-05
2115	7.3674e-02	-5.1239e-03	-6.2487e-02	4.4590e-05	-1.7057e-05	2.1718e-05
2116	2.7720e-01	1.5390e-03	-3.1412e-02	2.5499e-04	-1.0620e-03	-1.4575e-05
2117	6.6475e-02	-2.5474e-03	-5.4245e-02	2.7092e-05	2.8950e-04	-1.0881e-05
2118	3.6624e-01	6.9153e-03	2.5783e-03	1.0886e-04	1.2236e-04	-2.8508e-05
2119	3.7245e-01	5.5206e-03	1.4013e-02	7.0793e-05	-3.8372e-04	-9.5336e-06
2120	2.6800e-01	-4.6889e-03	-2.8093e-01	1.0565e-04	-2.1526e-03	-4.1068e-06
2121	3.4615e-01	7.7156e-04	-4.3558e-02	8.7469e-05	-1.5040e-03	3.0132e-05
2122	2.1231e-01	-4.7124e-03	-5.1936e-01	7.0501e-05	-1.7824e-03	-3.3297e-06
2123	1.9398e-01	-6.5366e-03	-6.6961e-01	9.6809e-05	-7.9208e-04	-1.1342e-05
2124	1.4904e-03	3.5844e-05	0.0000e+00	0.0000e+00	0.0000e+00	1.7195e-08
2125	1.9372e-01	-4.2032e-03	-6.8735e-01	5.2070e-05	4.9197e-04	5.2656e-06

SPOSTAMENTI NODALI "Q3" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-4.3444e-03	8.9488e-06	-1.6679e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-3.2729e-03	-2.0739e-08	-1.5813e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-4.0089e-03	-3.3260e-06	-1.8068e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-4.0521e-03	2.9222e-06	-1.8428e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-3.8938e-03	-1.7519e-06	-1.8202e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-4.0829e-03	1.4732e-08	-1.8857e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-3.8855e-03	1.7410e-06	-1.8172e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-4.0542e-03	-2.8827e-06	-1.8423e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-3.9914e-03	3.3312e-06	-1.8014e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-3.2882e-03	3.0332e-09	-1.5869e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.3346e-03	-8.8740e-06	-1.6668e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-3.8952e-04	4.4196e-06	2.8476e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	2.2631e-04	-4.2461e-08	2.5667e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	1.5850e-04	-4.0947e-07	2.9562e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	1.7508e-04	5.1290e-07	2.9749e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	1.9891e-04	-2.7696e-07	2.8667e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	1.7883e-04	-3.8281e-09	2.9991e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	1.9885e-04	2.6909e-07	2.8652e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	1.7473e-04	-5.1933e-07	2.9693e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	1.5867e-04	4.0335e-07	2.9526e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	2.2590e-04	3.4965e-08	2.5630e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.9095e-04	-4.4300e-06	2.8752e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-3.3607e-03	5.8055e-06	1.2873e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.1345e-03	-6.1642e-07	1.5953e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-3.8005e-03	-2.9857e-06	1.8782e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.8212e-03	2.7419e-06	1.9044e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.6132e-03	-1.0632e-06	1.8083e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-3.5161e-03	2.8484e-10	1.5345e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-3.6125e-03	1.0611e-06	1.8078e-05	0.0000e+00

30	0.0000e+00	0.0000e+00	-3.8209e-03	-2.7412e-06	1.9038e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-3.7995e-03	2.9785e-06	1.8778e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-3.1417e-03	6.0350e-07	1.5979e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-3.3736e-03	-5.8362e-06	1.2903e-05	0.0000e+00
34	8.7045e-04	1.6821e-05	-5.4137e-03	-2.6555e-06	-3.1509e-06	9.8255e-09
35	8.7045e-04	2.1105e-05	-4.3801e-04	-1.5780e-06	1.9442e-06	9.8255e-09
36	8.7045e-04	2.4092e-05	-4.2525e-03	-2.2954e-06	8.9619e-06	9.8255e-09
37	8.6652e-04	1.6821e-05	-4.7367e-03	2.5577e-07	-3.6200e-06	9.8255e-09
38	8.6219e-04	1.6821e-05	-5.4649e-03	4.9300e-07	-4.2162e-06	9.8255e-09
39	8.5944e-04	1.6821e-05	-5.5171e-03	-9.4234e-07	-4.2647e-06	9.8255e-09
40	8.5512e-04	1.6821e-05	-5.4700e-03	4.9237e-07	-4.2598e-06	9.8255e-09
41	8.5168e-04	1.6821e-05	-5.5471e-03	-1.9529e-08	-4.0871e-06	9.8255e-09
42	8.4824e-04	1.6821e-05	-5.4568e-03	-5.5076e-07	-4.2604e-06	9.8255e-09
43	8.4392e-04	1.6821e-05	-5.5258e-03	9.1450e-07	-4.3011e-06	9.8255e-09
44	8.4117e-04	1.6821e-05	-5.4348e-03	-5.2966e-07	-4.2244e-06	9.8255e-09
45	8.3684e-04	1.6821e-05	-4.7611e-03	-3.1780e-07	-3.6911e-06	9.8255e-09
46	8.3291e-04	1.6821e-05	-5.4004e-03	2.5946e-06	-3.2001e-06	9.8255e-09
47	8.6652e-04	2.1105e-05	1.6818e-04	3.8699e-07	3.5161e-06	9.8255e-09
48	8.6219e-04	2.1105e-05	9.5127e-05	1.6811e-07	3.8245e-06	9.8255e-09
49	8.5944e-04	2.1105e-05	1.1051e-04	-3.5434e-07	3.8251e-06	9.8255e-09
50	8.5512e-04	2.1105e-05	1.3511e-04	1.8396e-07	3.7211e-06	9.8255e-09
51	8.5168e-04	2.1105e-05	1.1801e-04	-3.4035e-08	3.1263e-06	9.8255e-09
52	8.4824e-04	2.1105e-05	1.3507e-04	-2.6009e-07	3.7270e-06	9.8255e-09
53	8.4392e-04	2.1105e-05	1.1016e-04	2.8750e-07	3.8116e-06	9.8255e-09
54	8.4117e-04	2.1105e-05	9.5338e-05	-2.3675e-07	3.8360e-06	9.8255e-09
55	8.3684e-04	2.1105e-05	1.6757e-04	-4.6583e-07	3.4977e-06	9.8255e-09
56	8.3291e-04	2.1105e-05	-4.3961e-04	1.4758e-06	1.9571e-06	9.8255e-09
57	8.6652e-04	2.4092e-05	-4.5075e-03	-1.3323e-07	1.0242e-05	9.8255e-09
58	8.6219e-04	2.4092e-05	-5.1115e-03	4.9336e-07	1.1064e-05	9.8255e-09
59	8.5944e-04	2.4092e-05	-5.1336e-03	-8.3980e-07	1.1137e-05	9.8255e-09
60	8.5512e-04	2.4092e-05	-5.0550e-03	5.5702e-07	1.1204e-05	9.8255e-09
61	8.5168e-04	2.4092e-05	-4.7990e-03	-4.1958e-08	1.1168e-05	9.8255e-09
62	8.4824e-04	2.4092e-05	-5.0539e-03	-6.4949e-07	1.1190e-05	9.8255e-09
63	8.4392e-04	2.4092e-05	-5.1338e-03	7.5538e-07	1.1117e-05	9.8255e-09
64	8.4117e-04	2.4092e-05	-5.1097e-03	-5.8250e-07	1.1028e-05	9.8255e-09
65	8.3684e-04	2.4092e-05	-4.5184e-03	2.8289e-08	1.0226e-05	9.8255e-09
66	8.3291e-04	2.4092e-05	-4.2696e-03	2.1599e-06	8.9405e-06	9.8255e-09
67	0.0000e+00	0.0000e+00	-5.0132e-03	8.4870e-06	-1.3189e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-3.9295e-03	-5.2387e-08	-1.3399e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	-4.7540e-03	-3.7027e-06	-1.4960e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	-4.8131e-03	3.2051e-06	-1.5297e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	-4.6444e-03	-1.9352e-06	-1.5143e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-4.8631e-03	1.6750e-08	-1.5739e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	-4.6349e-03	1.9244e-06	-1.5114e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-4.8147e-03	-3.1621e-06	-1.5284e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-4.7344e-03	3.7075e-06	-1.4913e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-3.9471e-03	3.2562e-08	-1.3449e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-5.0036e-03	-8.4127e-06	-1.3208e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	1.4007e-03	9.6864e-06	2.9446e-05	0.0000e+00
1895	0.0000e+00	0.0000e+00	-1.3859e-03	4.7334e-07	4.5032e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	-8.2238e-04	3.9391e-07	5.6247e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-7.2610e-04	-1.0142e-06	7.0338e-06	0.0000e+00
1898	0.0000e+00	0.0000e+00	-8.2157e-04	3.2869e-07	6.1127e-06	0.0000e+00
1899	0.0000e+00	0.0000e+00	-6.1170e-04	-2.5622e-08	9.4497e-06	0.0000e+00
1900	0.0000e+00	0.0000e+00	-8.0502e-04	-2.9935e-07	6.4288e-06	0.0000e+00
1901	0.0000e+00	0.0000e+00	-7.3794e-04	9.2327e-07	7.0287e-06	0.0000e+00
1902	0.0000e+00	0.0000e+00	-7.8414e-04	-4.2451e-07	6.2014e-06	0.0000e+00
1903	0.0000e+00	0.0000e+00	-1.4163e-03	-4.4227e-07	3.9551e-06	0.0000e+00
1904	0.0000e+00	0.0000e+00	1.4104e-03	-9.7591e-06	2.9129e-05	0.0000e+00
1905	0.0000e+00	0.0000e+00	-1.2616e-03	-5.4404e-06	-1.1515e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-7.4016e-04	6.2198e-09	-7.1119e-06	0.0000e+00
1907	0.0000e+00	0.0000e+00	-6.4711e-04	7.2920e-07	-5.0958e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	-6.2895e-04	-9.0827e-07	-4.9512e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	-6.4810e-04	9.8849e-07	-6.4440e-06	0.0000e+00
1910	0.0000e+00	0.0000e+00	-9.8392e-04	-1.3790e-09	-9.5150e-06	0.0000e+00
1911	0.0000e+00	0.0000e+00	-6.4726e-04	-9.8733e-07	-6.4334e-06	0.0000e+00
1912	0.0000e+00	0.0000e+00	-6.2957e-04	9.0358e-07	-4.9229e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-6.4561e-04	-7.2723e-07	-5.0505e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	-7.4900e-04	1.2847e-09	-7.0232e-06	0.0000e+00
1915	0.0000e+00	0.0000e+00	-1.2895e-03	5.5656e-06	-1.1355e-05	0.0000e+00
1916	2.3439e-02	-1.8583e-03	-1.7874e-02	2.1455e-05	-5.7920e-05	2.4417e-05
1917	9.5177e-02	-3.1149e-03	-2.7821e-01	4.3064e-05	1.9707e-04	7.5899e-06

1918 9.0453e-02 -5.1981e-03 -2.2797e-01 6.7373e-05 6.3659e-04 1.1459e-06
1919 1.4758e-01 -3.3170e-03 -1.6365e-01 7.8703e-05 -1.2564e-03 -7.1117e-06
1920 7.2256e-02 -1.3644e-03 -1.3745e-01 -3.4311e-06 8.3958e-04 -2.5046e-05
1921 4.2436e-02 -1.5965e-03 -4.0310e-02 -1.7309e-05 6.4296e-04 3.8361e-08
1922 3.1592e-02 -1.5826e-03 -1.0067e-02 -2.8250e-05 1.1477e-04 -8.3123e-06
1923 3.8129e-02 -2.6483e-03 -2.1237e-02 -1.8590e-05 -5.2767e-05 -2.9149e-06
1924 4.4499e-02 -2.5399e-03 -3.1364e-02 1.6143e-06 6.2740e-06 -1.7390e-05
1925 1.0469e-01 -3.7124e-03 -3.2153e-01 5.7470e-05 9.0004e-04 1.3106e-06
1926 3.9795e-02 -3.4965e-04 -2.6595e-02 -1.3467e-05 1.6233e-04 -3.2668e-05
1927 1.5960e-01 -5.7499e-03 -9.1654e-03 -1.2754e-04 9.3074e-05 2.5653e-07
1928 1.8903e-01 -5.7948e-03 -1.7409e-02 -1.6068e-04 1.8700e-04 1.5650e-05
1929 1.9925e-01 -3.4190e-03 -1.4502e-02 -1.0995e-04 1.5679e-04 1.0569e-05
1930 2.0042e-01 -1.9418e-03 -1.4476e-02 -8.1953e-05 1.5664e-04 8.1400e-06
1931 2.1484e-01 3.3885e-04 -1.5991e-02 -4.2953e-05 1.7439e-04 5.3268e-06
1932 1.9962e-01 2.1347e-03 -1.4646e-02 -1.4014e-05 1.5587e-04 3.5104e-06
1933 2.1414e-01 3.9224e-03 -1.5990e-02 1.3912e-05 1.7435e-04 2.0249e-06
1934 2.0131e-01 6.1715e-03 -1.4479e-02 4.9255e-05 1.5671e-04 2.8035e-07
1935 1.9778e-01 7.6139e-03 -1.4500e-02 7.2878e-05 1.5670e-04 -8.0787e-07
1936 1.9114e-01 9.9092e-03 -1.7035e-02 1.1281e-04 1.8234e-04 -2.4937e-06
1937 1.6039e-01 1.2041e-02 -8.7860e-03 1.8533e-04 8.8623e-05 -2.0566e-05
1938 3.2346e-02 -4.2488e-04 -1.0029e-02 -5.8537e-05 4.3208e-04 -3.7386e-07
1939 1.6265e-01 1.7714e-04 -7.2439e-03 -1.9742e-05 -5.3326e-04 5.3374e-06
1940 1.6233e-02 2.7091e-04 -1.0999e-02 -9.8592e-06 6.7653e-04 2.4354e-05
1941 2.4275e-02 4.0562e-06 -1.1725e-02 -8.1033e-06 6.4574e-04 2.1169e-05
1942 2.5131e-02 -1.2359e-04 -1.1811e-02 -6.3462e-06 6.4460e-04 1.9666e-05
1943 2.4112e-02 -2.8177e-04 -1.2230e-02 -3.0046e-06 7.1155e-04 1.7944e-05
1944 2.8420e-02 -3.7699e-04 -1.1840e-02 7.3250e-07 6.1973e-04 1.7053e-05
1945 2.3636e-02 -4.7254e-04 -1.2195e-02 4.4510e-06 7.1227e-04 1.6508e-05
1946 2.5706e-02 -5.8447e-04 -1.1849e-02 1.0303e-05 6.4365e-04 1.6387e-05
1947 2.3054e-02 -6.6760e-04 -1.1640e-02 1.4611e-05 6.4819e-04 1.6698e-05
1948 1.6743e-02 -8.1452e-04 -1.1063e-02 2.3330e-05 6.7704e-04 1.8001e-05
1949 3.2009e-02 -1.6459e-03 -9.9999e-03 -2.0005e-05 4.3249e-04 -6.7644e-06
1950 1.9805e-01 -7.0000e-05 -9.0751e-03 -8.2049e-05 -7.6756e-04 2.4089e-05
1951 2.0536e-01 -6.9582e-06 -9.5011e-03 -5.0133e-05 -7.5645e-04 2.1146e-05
1952 2.0650e-01 6.1359e-05 -9.5255e-03 -3.3065e-05 -7.5735e-04 1.9419e-05
1953 2.2192e-01 2.0320e-04 -9.8658e-03 -1.0610e-05 -8.2585e-04 1.7299e-05
1954 2.0601e-01 3.3778e-04 -9.0826e-03 5.3736e-06 -7.3790e-04 1.5959e-05
1955 2.2123e-01 4.9487e-04 -9.8633e-03 1.9864e-05 -8.2539e-04 1.5295e-05
1956 2.0740e-01 7.2328e-04 -9.5275e-03 3.7340e-05 -7.5799e-04 1.5065e-05
1957 2.0389e-01 8.9705e-04 -9.4961e-03 4.8176e-05 -7.5557e-04 1.5702e-05
1958 1.9937e-01 1.2263e-03 -9.0989e-03 6.4611e-05 -7.6871e-04 1.8361e-05
1959 1.6267e-01 1.6542e-03 -7.2751e-03 1.4855e-04 -5.3454e-04 -6.5915e-07
1960 1.6570e-01 5.8159e-03 -1.3432e-03 1.6463e-04 6.3122e-05 -4.8607e-05
1961 2.0251e-01 5.4692e-03 -1.4426e-03 1.0279e-04 1.2555e-04 -1.6008e-05
1962 2.0754e-01 4.6820e-03 -1.1134e-03 6.7045e-05 1.0795e-04 -8.6752e-06
1963 2.1107e-01 4.1317e-03 -1.0917e-03 4.5702e-05 1.0796e-04 -4.5119e-06
1964 2.2496e-01 3.2163e-03 -1.1613e-03 1.3550e-05 1.2089e-04 1.5370e-06
1965 2.0926e-01 2.4779e-03 -1.4273e-03 -1.1915e-05 1.0846e-04 6.3419e-06
1966 2.2565e-01 1.7529e-03 -1.1597e-03 -3.8289e-05 1.2093e-04 1.1618e-05
1967 2.1018e-01 8.9014e-04 -1.0933e-03 -7.3677e-05 1.0790e-04 1.9303e-05
1968 2.0901e-01 4.0187e-04 -1.1105e-03 -9.8889e-05 1.0803e-04 2.5485e-05
1969 2.0079e-01 -2.3200e-04 -1.4602e-03 -1.4412e-04 1.2854e-04 3.7881e-05
1970 1.6527e-01 -5.4701e-04 -1.3809e-03 -1.1751e-04 6.5941e-05 1.3780e-05
1971 4.2119e-03 1.1760e-03 1.4267e-03 -9.4645e-06 3.5842e-05 2.5705e-08
1972 -9.7883e-05 3.9770e-05 -1.4758e-03 -2.6254e-07 -2.2809e-06 2.3333e-08
1973 7.4446e-04 4.1814e-05 -8.1129e-04 -2.9613e-07 6.0060e-06 1.8462e-08
1974 8.7419e-04 -1.2116e-04 -7.6380e-04 1.0175e-06 7.1318e-06 1.4890e-08
1975 6.8328e-04 3.2093e-05 -8.3883e-04 -2.3993e-07 5.2820e-06 1.1718e-08
1976 1.3129e-03 1.0697e-06 -6.3036e-04 1.6519e-09 1.1057e-05 8.6213e-09
1977 6.2714e-04 -3.9766e-05 -8.5617e-04 3.2263e-07 4.7817e-06 5.4384e-09
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1979 6.2884e-04 -4.1496e-05 -8.5157e-04 3.1172e-07 4.9524e-06 -9.2932e-10
1980 1.8263e-06 -4.6189e-05 -1.4440e-03 3.2997e-07 -1.3882e-06 -5.2970e-09
1981 4.2494e-03 -1.1785e-03 1.4168e-03 9.5287e-06 3.6142e-05 -1.8099e-08
1982 3.9729e-02 -5.5354e-03 -2.6558e-02 4.3395e-05 1.6265e-04 3.0117e-05
1983 7.9713e-02 -8.3259e-04 -1.9397e-01 2.2047e-05 1.1920e-03 -1.7927e-05
1984 4.4533e-02 -4.6290e-03 -3.1370e-02 -1.9424e-06 6.8013e-06 -1.0224e-06
1985 3.8178e-02 -5.3290e-03 -2.1180e-02 -2.0854e-05 -5.1210e-05 5.4502e-07
1986 3.1967e-02 -1.8709e-03 -1.0362e-02 -6.1520e-05 1.1539e-04 6.7314e-06
1987 1.6666e-01 7.6829e-04 6.8441e-04 -1.0893e-04 4.3091e-05 2.6615e-05
1988 1.6926e-01 1.2764e-03 5.4747e-03 -5.0952e-05 -1.5671e-04 4.1015e-05
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1990	1.5841e-01	2.3163e-04	-1.7908e-02	-2.1434e-05	-6.0609e-04	-3.1312e-06
1991	1.0408e-01	5.8149e-04	-2.0956e-01	-1.8518e-06	-7.2323e-04	-1.9962e-05
1992	9.6283e-02	5.5504e-03	-2.7102e-01	-8.6659e-05	-3.2423e-04	-5.7220e-06
1993	3.2449e-02	-2.5998e-03	-3.0437e-02	3.1081e-05	-1.7749e-05	1.2532e-05
1994	9.5701e-02	2.5049e-03	-2.7843e-01	-3.2600e-05	1.9709e-04	2.5488e-06
1995	9.1002e-02	5.3505e-03	-2.2819e-01	-9.2321e-05	6.3688e-04	-1.7213e-05
1996	1.1536e-01	-2.9440e-03	-3.0297e-01	4.6351e-05	-1.0401e-03	2.6231e-06
1997	7.2738e-02	2.1545e-03	-1.3765e-01	-6.1026e-05	8.4072e-04	1.7916e-05
1998	4.2773e-02	2.2591e-04	-4.0247e-02	-5.7300e-05	6.4329e-04	-2.5437e-06
1999	2.0258e-01	8.4807e-04	1.1093e-03	-1.3356e-04	8.4591e-05	6.2438e-05
2000	2.0637e-01	-9.7869e-04	7.7746e-03	-7.7206e-05	-2.1635e-04	5.1755e-05
2001	1.4636e-01	-5.4004e-04	-1.6403e-01	-4.8080e-05	-1.2548e-03	1.7949e-05
2002	1.9182e-01	6.4238e-05	-2.4947e-02	-7.8859e-05	-8.7491e-04	2.5618e-05
2003	1.1445e-01	2.2150e-04	-3.0274e-01	-4.1439e-05	-1.0373e-03	-1.7998e-05
2004	1.0423e-01	3.1575e-03	-3.9024e-01	-6.7847e-05	-4.6174e-04	-2.6198e-06
2005	3.8002e-02	-3.1094e-04	-5.5795e-02	1.4125e-05	9.3495e-04	1.1356e-05
2006	1.0459e-01	2.1603e-03	-4.0074e-01	-2.9973e-05	2.8462e-04	-1.2955e-05
2007	9.8998e-02	5.0910e-03	-3.2844e-01	-7.0537e-05	9.1610e-04	-1.1390e-05
2008	1.0499e-01	-5.2252e-03	-3.9044e-01	8.0102e-05	-4.6413e-04	-6.1661e-06
2009	7.3958e-02	2.0210e-03	-1.9850e-01	-1.9755e-05	1.2189e-03	1.9752e-05
2010	3.1607e-02	1.1268e-03	-5.6807e-02	-1.2153e-05	9.6593e-04	1.1484e-05
2011	1.3955e-02	-1.8042e-03	-4.3742e-03	-1.0532e-06	2.1786e-04	3.4068e-05
2012	2.2424e-02	-4.1471e-03	-1.7169e-02	1.7172e-05	-5.4668e-05	2.6425e-05
2013	3.1335e-02	-4.4744e-03	-2.9633e-02	2.4239e-05	-1.7909e-05	2.3612e-05
2014	2.1210e-02	-1.5377e-03	-6.9197e-03	1.7670e-05	2.0058e-04	2.0259e-05
2015	2.8631e-02	-4.8540e-03	-2.5898e-02	4.4183e-05	1.2702e-04	3.0186e-05
2016	2.1076e-01	1.1581e-03	1.4822e-03	-9.1851e-05	6.9987e-05	4.1968e-05
2017	2.1431e-01	-8.3208e-05	8.0283e-03	-5.1999e-05	-2.1953e-04	3.8780e-05
2018	1.5456e-01	-7.9952e-04	-1.6071e-01	-2.6609e-05	-1.2316e-03	1.1404e-05
2019	1.9926e-01	-6.4782e-06	-2.4910e-02	-4.7652e-05	-8.6046e-04	2.1677e-05
2020	1.2269e-01	-2.8100e-04	-2.9713e-01	-2.4279e-05	-1.0201e-03	-9.7462e-06
2021	1.1220e-01	1.3003e-03	-3.8315e-01	-3.4988e-05	-4.5362e-04	-4.9604e-06
2022	2.9684e-02	-2.9034e-04	-2.6593e-02	6.2537e-06	1.3113e-04	-1.9761e-05
2023	1.1208e-01	1.5236e-03	-3.9333e-01	-2.1590e-05	2.8074e-04	-1.4961e-05
2024	1.0611e-01	3.6355e-03	-3.2216e-01	-4.8586e-05	9.0086e-04	-8.5088e-06
2025	1.0527e-01	-2.8978e-03	-4.0144e-01	3.7021e-05	2.8260e-04	-1.3551e-06
2026	8.1059e-02	1.6857e-03	-1.9435e-01	-1.7109e-05	1.1938e-03	1.3006e-05
2027	3.9241e-02	7.6416e-04	-5.5906e-02	-1.0524e-05	9.3448e-04	1.1686e-05
2028	2.2585e-02	-1.7388e-03	-7.5022e-03	-5.3256e-07	1.9610e-04	2.8747e-05
2029	3.1138e-02	-3.7651e-03	-2.1121e-02	1.4761e-05	-6.1746e-05	2.4698e-05
2030	4.0069e-02	-4.2279e-03	-3.4268e-02	2.4080e-05	-1.1106e-05	2.1278e-05
2031	2.9485e-02	-2.2241e-03	-2.0060e-02	1.7308e-05	-5.8601e-05	2.1741e-05
2032	3.6260e-02	-4.1616e-03	-2.9858e-02	3.7882e-05	1.5766e-04	2.1457e-05
2033	2.1193e-01	1.4459e-03	1.4998e-03	-6.8464e-05	6.9840e-05	3.1691e-05
2034	2.1548e-01	4.0324e-04	8.0391e-03	-3.7543e-05	-2.1994e-04	3.1703e-05
2035	1.5565e-01	-9.8205e-04	-1.6088e-01	-1.3805e-05	-1.2331e-03	8.6107e-06
2036	2.0040e-01	-7.3555e-06	-2.4949e-02	-3.0888e-05	-8.6145e-04	1.9629e-05
2037	1.2375e-01	-6.2256e-04	-2.9747e-01	-1.3521e-05	-1.0216e-03	-7.3224e-06
2038	1.1324e-01	4.7021e-04	-3.8364e-01	-1.9521e-05	-4.5477e-04	-5.7626e-06
2039	1.6703e-01	4.7289e-03	6.9863e-04	1.5162e-04	4.1457e-05	-7.9738e-05
2040	1.1310e-01	1.0331e-03	-3.9393e-01	-1.4689e-05	2.8056e-04	-1.3789e-05
2041	1.0712e-01	2.6957e-03	-3.2271e-01	-3.4654e-05	9.0199e-04	-7.1874e-06
2042	9.9615e-02	-4.5563e-03	-3.2919e-01	7.2767e-05	9.1674e-04	4.0870e-06
2043	8.2013e-02	1.3982e-03	-1.9469e-01	-1.3548e-05	1.1955e-03	9.0069e-06
2044	4.0114e-02	5.7494e-04	-5.6024e-02	-8.5594e-06	9.3463e-04	1.1509e-05
2045	2.3530e-02	-1.7006e-03	-7.8806e-03	3.4844e-07	1.9359e-04	2.6306e-05
2046	3.2246e-02	-3.5454e-03	-2.1781e-02	1.3641e-05	-6.3535e-05	2.3546e-05
2047	4.1242e-02	-4.0430e-03	-3.5058e-02	2.3490e-05	-1.0266e-05	1.9297e-05
2048	3.8298e-02	-2.7738e-03	-3.2985e-02	2.6607e-05	-1.2278e-05	1.1597e-05
2049	3.7260e-02	-3.7434e-03	-3.0476e-02	3.3089e-05	1.6201e-04	1.6275e-05
2050	2.2760e-01	2.0008e-03	1.7309e-03	-3.5526e-05	7.9227e-05	1.8766e-05
2051	2.3162e-01	1.0779e-03	9.1205e-03	-1.7086e-05	-2.3781e-04	2.2141e-05
2052	1.6637e-01	-1.2988e-03	-1.7521e-01	4.3358e-06	-1.3462e-03	5.6935e-06
2053	2.1526e-01	4.2055e-05	-2.6714e-02	-8.7648e-06	-9.3976e-04	1.7401e-05
2054	1.3153e-01	-1.1698e-03	-3.2436e-01	1.4547e-06	-1.1146e-03	-5.1156e-06
2055	1.2007e-01	-6.1268e-04	-4.1832e-01	-2.8548e-07	-4.9477e-04	-6.5737e-06
2056	1.6966e-01	6.9405e-03	5.8229e-03	1.0027e-04	-1.5799e-04	-3.5147e-05
2057	1.1993e-01	1.7885e-04	-4.2928e-01	-4.2847e-06	3.0817e-04	-8.6763e-06
2058	1.1338e-01	9.4703e-04	-3.5129e-01	-1.0325e-05	9.8481e-04	-5.0245e-06
2059	7.4551e-02	-1.1750e-03	-1.9898e-01	3.0711e-05	1.2208e-03	-2.0141e-05
2060	8.6085e-02	8.6517e-04	-2.1176e-01	-6.5989e-06	1.3043e-03	9.1939e-07
2061	4.0474e-02	3.2722e-04	-6.0587e-02	-4.8525e-06	1.0243e-03	1.1156e-05

2062	2.1989e-02	-1.6456e-03	-6.7184e-03	2.5503e-06	2.2248e-04	2.3566e-05
2063	3.0892e-02	-3.2261e-03	-2.0821e-02	1.3293e-05	-6.2623e-05	2.2285e-05
2064	4.0509e-02	-3.7260e-03	-3.4878e-02	2.3546e-05	-1.5194e-05	1.7118e-05
2065	3.4759e-02	-1.0212e-03	-2.8841e-02	1.1152e-05	1.5081e-04	-1.1367e-05
2066	3.6893e-02	-3.1078e-03	-3.0603e-02	2.8447e-05	1.5907e-04	1.0028e-05
2067	2.1103e-01	2.4845e-03	1.1943e-03	-1.0934e-05	7.1383e-05	9.8114e-06
2068	2.2691e-01	2.9830e-03	1.7263e-03	1.2760e-05	7.9194e-05	1.5343e-06
2069	2.1468e-01	1.5815e-03	7.8923e-03	-1.8302e-06	-2.1212e-04	1.5153e-05
2070	2.3092e-01	2.0768e-03	9.1095e-03	1.2456e-05	-2.3767e-04	8.5492e-06
2071	1.5639e-01	-1.5794e-03	-1.5675e-01	1.8275e-05	-1.2045e-03	4.1231e-06
2072	1.6570e-01	-1.8914e-03	-1.7512e-01	3.1695e-05	-1.3454e-03	2.0533e-06
2073	2.0006e-01	1.0871e-04	-2.4113e-02	7.0517e-06	-8.3974e-04	1.6173e-05
2074	2.1457e-01	1.9686e-04	-2.6704e-02	2.1489e-05	-9.3924e-04	1.5810e-05
2075	1.2521e-01	-1.5927e-03	-2.9027e-01	1.2725e-05	-1.0002e-03	-5.7740e-06
2076	1.3089e-01	-2.0001e-03	-3.2417e-01	2.2537e-05	-1.1137e-03	-2.8789e-06
2077	1.1490e-01	-1.1764e-03	-3.7480e-01	1.0213e-05	-4.4818e-04	-6.1586e-06
2078	1.1944e-01	-2.2151e-03	-4.1802e-01	2.7620e-05	-4.9387e-04	-6.6026e-06
2079	1.2678e-01	-6.4924e-04	-1.1297e-01	1.0264e-04	-8.6923e-04	-1.5267e-05
2080	1.0370e-01	-2.9688e-03	-2.0965e-01	9.7493e-05	-7.2371e-04	9.5656e-06
2081	1.1470e-01	-5.0821e-04	-3.8544e-01	5.1653e-06	2.7091e-04	-5.9985e-06
2082	1.1933e-01	-1.1920e-03	-4.2887e-01	1.3307e-05	3.0829e-04	-2.9820e-06
2083	1.0882e-01	4.0541e-05	-3.1609e-01	2.0699e-06	8.8122e-04	-4.5812e-06
2084	1.1281e-01	-1.3902e-03	-3.5096e-01	2.2706e-05	9.8394e-04	-2.2486e-06
2085	3.2174e-02	-5.0883e-04	-5.7100e-02	2.2487e-05	9.6742e-04	1.3156e-05
2086	1.4512e-02	-1.5464e-03	-4.4725e-03	2.6948e-05	2.1528e-04	2.0707e-05
2087	8.4159e-02	4.2363e-04	-1.9071e-01	2.2058e-08	1.1692e-03	-1.8275e-06
2088	8.5547e-02	-2.3570e-05	-2.1156e-01	7.1737e-06	1.3032e-03	-8.4799e-06
2089	4.3054e-02	1.5219e-04	-5.4932e-02	-5.3092e-07	9.0810e-04	1.0464e-05
2090	3.9988e-02	-4.2297e-06	-6.0533e-02	3.5606e-06	1.0242e-03	1.0481e-05
2091	2.7337e-02	-1.6065e-03	-9.5520e-03	5.3074e-06	1.7462e-04	2.2324e-05
2092	2.1458e-02	-1.5745e-03	-6.5023e-03	8.2510e-06	2.2406e-04	2.1172e-05
2093	3.6672e-02	-2.9829e-03	-2.4548e-02	1.3632e-05	-7.1429e-05	2.1589e-05
2094	3.0258e-02	-2.7427e-03	-2.0426e-02	1.4085e-05	-6.1456e-05	2.0983e-05
2095	4.5779e-02	-3.4683e-03	-3.8147e-02	2.3592e-05	-6.1832e-06	1.5263e-05
2096	3.9829e-02	-3.2177e-03	-3.4398e-02	2.3759e-05	-1.5622e-05	1.3452e-05
2097	2.0423e-01	4.4252e-03	1.0973e-03	9.4744e-05	8.2818e-05	-2.9339e-05
2098	2.0805e-01	3.9173e-03	8.0903e-03	5.6306e-05	-2.1751e-04	-1.4981e-05
2099	4.1055e-02	-2.6084e-03	-3.2850e-02	2.4022e-05	1.7913e-04	5.0290e-06
2100	3.6313e-02	-2.1053e-03	-3.0221e-02	1.9536e-05	1.5649e-04	-1.0058e-07
2101	2.1283e-01	3.5963e-03	1.5060e-03	4.2572e-05	6.9897e-05	-8.9758e-06
2102	2.1638e-01	2.7160e-03	8.0551e-03	2.9822e-05	-2.2012e-04	1.8263e-07
2103	1.5651e-01	-2.3422e-03	-1.6100e-01	4.8948e-05	-1.2343e-03	-6.4495e-08
2104	2.0130e-01	3.3439e-04	-2.4961e-02	3.9001e-05	-8.6217e-04	1.6106e-05
2105	1.2457e-01	-2.4543e-03	-2.9773e-01	3.4104e-05	-1.0230e-03	-3.8095e-06
2106	1.1404e-01	-2.9266e-03	-3.8405e-01	4.0908e-05	-4.5607e-04	-6.2933e-06
2107	9.5786e-02	-4.7528e-03	-2.7076e-01	9.3865e-05	-3.2339e-04	-1.0342e-05
2108	1.1387e-01	-1.9765e-03	-3.9451e-01	2.3727e-05	2.8042e-04	2.0569e-06
2109	1.0783e-01	-2.7908e-03	-3.2318e-01	4.2699e-05	9.0329e-04	-6.6531e-07
2110	1.9311e-01	6.4472e-04	-2.4973e-02	6.6825e-05	-8.7560e-04	2.0871e-05
2111	8.2675e-02	-5.4707e-04	-1.9495e-01	1.6112e-05	1.1971e-03	-1.4032e-05
2112	4.0703e-02	-1.9148e-04	-5.6089e-02	9.7592e-06	9.3481e-04	1.0611e-05
2113	2.4181e-02	-1.5455e-03	-8.1647e-03	1.3537e-05	1.9144e-04	2.0544e-05
2114	3.3038e-02	-2.4342e-03	-2.2309e-02	1.6045e-05	-6.5154e-05	2.1281e-05
2115	4.2099e-02	-2.9279e-03	-3.5707e-02	2.5480e-05	-9.7466e-06	1.2410e-05
2116	1.5840e-01	8.7943e-04	-1.7950e-02	1.4571e-04	-6.0686e-04	-8.3288e-06
2117	3.7986e-02	-1.4556e-03	-3.0997e-02	1.5481e-05	1.6543e-04	-6.2177e-06
2118	2.0928e-01	3.9516e-03	1.4733e-03	6.2207e-05	6.9920e-05	-1.6291e-05
2119	2.1283e-01	3.1546e-03	8.0072e-03	4.0453e-05	-2.1927e-04	-5.4478e-06
2120	1.5314e-01	-2.6793e-03	-1.6053e-01	6.0373e-05	-1.2300e-03	-2.3467e-06
2121	1.9780e-01	4.4089e-04	-2.4890e-02	4.9982e-05	-8.5945e-04	1.7218e-05
2122	1.2132e-01	-2.6928e-03	-2.9677e-01	4.0286e-05	-1.0185e-03	-1.9027e-06
2123	1.1085e-01	-3.7352e-03	-3.8264e-01	5.5320e-05	-4.5262e-04	-6.4813e-06
2124	8.5168e-04	2.0482e-05	0.0000e+00	0.0000e+00	0.0000e+00	9.8255e-09
2125	1.1069e-01	-2.4018e-03	-3.9277e-01	2.9754e-05	2.8113e-04	3.0089e-06

SPOSTAMENTI NODALI "Q2" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-1.8064e-03	-4.6792e-06	5.1182e-06	0.0000e+00
2	0.0000e+00	0.0000e+00	-2.6738e-03	-5.1690e-08	9.3032e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-2.5877e-03	8.2346e-08	9.5445e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-2.5751e-03	3.6864e-08	9.6183e-06	0.0000e+00

5	0.0000e+00	0.0000e+00	-2.5727e-03	-2.4155e-08	9.6896e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-2.5772e-03	5.7294e-11	9.6430e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-2.5727e-03	2.4138e-08	9.6897e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-2.5751e-03	-3.6655e-08	9.6184e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-2.5876e-03	-8.2432e-08	9.5448e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-2.6740e-03	5.1704e-08	9.3029e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.8062e-03	4.6801e-06	5.1187e-06	0.0000e+00
12	0.0000e+00	0.0000e+00	-2.7495e-03	-8.6012e-06	-9.5032e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-4.2105e-03	4.0762e-08	-9.5720e-07	0.0000e+00
14	0.0000e+00	0.0000e+00	-4.1386e-03	9.1241e-08	-9.1731e-07	0.0000e+00
15	0.0000e+00	0.0000e+00	-4.1408e-03	-9.5044e-08	-9.2711e-07	0.0000e+00
16	0.0000e+00	0.0000e+00	-4.1492e-03	2.1310e-08	-9.2901e-07	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.1472e-03	3.0692e-12	-9.3478e-07	0.0000e+00
18	0.0000e+00	0.0000e+00	-4.1492e-03	-2.1306e-08	-9.2901e-07	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.1408e-03	9.5061e-08	-9.2711e-07	0.0000e+00
20	0.0000e+00	0.0000e+00	-4.1386e-03	-9.1224e-08	-9.1729e-07	0.0000e+00
21	0.0000e+00	0.0000e+00	-4.2105e-03	-4.0767e-08	-9.5715e-07	0.0000e+00
22	0.0000e+00	0.0000e+00	-2.7495e-03	8.6013e-06	-9.5005e-07	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.7160e-03	-4.8959e-06	-5.6706e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-2.6671e-03	-1.3737e-07	-9.4247e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-2.5877e-03	9.0366e-08	-9.6308e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-2.5733e-03	4.3392e-08	-9.7245e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-2.5493e-03	1.0513e-07	-9.9579e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-2.4979e-03	5.6183e-12	-1.0592e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-2.5493e-03	-1.0513e-07	-9.9579e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-2.5733e-03	-4.3384e-08	-9.7245e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-2.5877e-03	-9.0440e-08	-9.6307e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-2.6672e-03	1.3730e-07	-9.4243e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-1.7161e-03	4.8958e-06	-5.6703e-06	0.0000e+00
34	-3.5288e-04	-7.5270e-09	-1.8167e-03	1.1872e-06	-1.2719e-07	-3.0142e-11
35	-3.5288e-04	-2.0669e-08	-2.7395e-03	1.8271e-06	-9.5328e-07	-3.0142e-11
36	-3.5288e-04	-2.9832e-08	-1.7259e-03	1.2335e-06	-1.9761e-06	-3.0142e-11
37	-3.5286e-04	-7.5270e-09	-2.6775e-03	-7.4405e-07	-1.1642e-07	-3.0142e-11
38	-3.5285e-04	-7.5270e-09	-2.5962e-03	1.0101e-07	-1.4856e-07	-3.0142e-11
39	-3.5284e-04	-7.5270e-09	-2.5837e-03	-4.0240e-09	-1.4181e-07	-3.0142e-11
40	-3.5283e-04	-7.5270e-09	-2.5815e-03	3.7641e-09	-1.2919e-07	-3.0142e-11
41	-3.5282e-04	-7.5270e-09	-2.5860e-03	3.4757e-11	-1.0752e-07	-3.0142e-11
42	-3.5281e-04	-7.5270e-09	-2.5815e-03	-3.7361e-09	-1.2912e-07	-3.0142e-11
43	-3.5279e-04	-7.5270e-09	-2.5837e-03	4.1524e-09	-1.4175e-07	-3.0142e-11
44	-3.5279e-04	-7.5270e-09	-2.5961e-03	-1.0097e-07	-1.4834e-07	-3.0142e-11
45	-3.5277e-04	-7.5270e-09	-2.6777e-03	7.4415e-07	-1.1647e-07	-3.0142e-11
46	-3.5276e-04	-7.5270e-09	-1.8164e-03	-1.1871e-06	-1.2684e-07	-3.0142e-11
47	-3.5286e-04	-2.0669e-08	-4.1866e-03	-1.1118e-06	-1.2596e-06	-3.0142e-11
48	-3.5285e-04	-2.0669e-08	-4.1182e-03	1.0113e-07	-1.2715e-06	-3.0142e-11
49	-3.5284e-04	-2.0669e-08	-4.1196e-03	6.5812e-09	-1.2859e-06	-3.0142e-11
50	-3.5283e-04	-2.0669e-08	-4.1277e-03	-3.2916e-09	-1.3376e-06	-3.0142e-11
51	-3.5282e-04	-2.0669e-08	-4.1252e-03	3.9130e-11	-1.4389e-06	-3.0142e-11
52	-3.5281e-04	-2.0669e-08	-4.1277e-03	3.3692e-09	-1.3375e-06	-3.0142e-11
53	-3.5279e-04	-2.0669e-08	-4.1196e-03	-6.4952e-09	-1.2859e-06	-3.0142e-11
54	-3.5279e-04	-2.0669e-08	-4.1182e-03	-1.0107e-07	-1.2713e-06	-3.0142e-11
55	-3.5277e-04	-2.0669e-08	-4.1866e-03	1.1119e-06	-1.2595e-06	-3.0142e-11
56	-3.5276e-04	-2.0669e-08	-2.7395e-03	-1.8270e-06	-9.5284e-07	-3.0142e-11
57	-3.5286e-04	-2.9832e-08	-2.6734e-03	-8.0026e-07	-2.4859e-06	-3.0142e-11
58	-3.5285e-04	-2.9832e-08	-2.5984e-03	1.0152e-07	-2.4812e-06	-3.0142e-11
59	-3.5284e-04	-2.9832e-08	-2.5838e-03	6.2396e-09	-2.5016e-06	-3.0142e-11
60	-3.5283e-04	-2.9832e-08	-2.5600e-03	2.3800e-08	-2.5270e-06	-3.0142e-11
61	-3.5282e-04	-2.9832e-08	-2.5096e-03	7.1499e-11	-2.5063e-06	-3.0142e-11
62	-3.5281e-04	-2.9832e-08	-2.5600e-03	-2.3653e-08	-2.5269e-06	-3.0142e-11
63	-3.5279e-04	-2.9832e-08	-2.5838e-03	-6.1072e-09	-2.5015e-06	-3.0142e-11
64	-3.5279e-04	-2.9832e-08	-2.5984e-03	-1.0144e-07	-2.4811e-06	-3.0142e-11
65	-3.5277e-04	-2.9832e-08	-2.6736e-03	8.0032e-07	-2.4856e-06	-3.0142e-11
66	-3.5276e-04	-2.9832e-08	-1.7261e-03	-1.2334e-06	-1.9758e-06	-3.0142e-11
67	0.0000e+00	0.0000e+00	-1.5534e-03	-4.1992e-06	5.8241e-06	0.0000e+00
68	0.0000e+00	0.0000e+00	-2.2420e-03	5.1607e-08	9.6873e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	-2.1454e-03	6.9258e-08	9.8917e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-2.1296e-03	6.9965e-08	9.9554e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	-2.1241e-03	-3.8008e-08	1.0027e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-2.1306e-03	6.4609e-11	9.9833e-06	0.0000e+00
73	0.0000e+00	0.0000e+00	-2.1240e-03	3.7993e-08	1.0027e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-2.1296e-03	-6.9741e-08	9.9556e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-2.1453e-03	-6.9362e-08	9.8920e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-2.2421e-03	-5.1593e-08	9.6870e-06	0.0000e+00

77	0.0000e+00	0.0000e+00	-1.5532e-03	4.2001e-06	5.8243e-06	0.0000e+00
1894	0.0000e+00	0.0000e+00	3.6329e-05	2.9976e-07	1.9853e-06	0.0000e+00
1895	0.0000e+00	0.0000e+00	-1.5654e-05	-6.5828e-09	1.5704e-06	0.0000e+00
1896	0.0000e+00	0.0000e+00	-4.5871e-06	-4.5317e-09	1.5039e-06	0.0000e+00
1897	0.0000e+00	0.0000e+00	-2.9919e-06	-7.1498e-09	1.4939e-06	0.0000e+00
1898	0.0000e+00	0.0000e+00	-2.1645e-06	2.4829e-09	1.4717e-06	0.0000e+00
1899	0.0000e+00	0.0000e+00	-2.6132e-06	-1.0734e-10	1.4878e-06	0.0000e+00
1900	0.0000e+00	0.0000e+00	-2.1057e-06	-2.4218e-09	1.4731e-06	0.0000e+00
1901	0.0000e+00	0.0000e+00	-2.9987e-06	6.6224e-09	1.4947e-06	0.0000e+00
1902	0.0000e+00	0.0000e+00	-4.3881e-06	4.5651e-09	1.5068e-06	0.0000e+00
1903	0.0000e+00	0.0000e+00	-1.5963e-05	6.5686e-09	1.5666e-06	0.0000e+00
1904	0.0000e+00	0.0000e+00	3.6861e-05	-3.0284e-07	1.9875e-06	0.0000e+00
1905	0.0000e+00	0.0000e+00	-2.1473e-04	-8.9082e-07	-4.6457e-06	0.0000e+00
1906	0.0000e+00	0.0000e+00	6.9294e-07	-6.8744e-08	-2.9320e-06	0.0000e+00
1907	0.0000e+00	0.0000e+00	-7.5763e-06	2.2909e-08	-2.2137e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	-6.3911e-06	-2.8145e-08	-2.2473e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	-1.6682e-05	1.7814e-07	-3.0870e-06	0.0000e+00
1910	0.0000e+00	0.0000e+00	-1.2215e-04	-5.2044e-12	-4.6549e-06	0.0000e+00
1911	0.0000e+00	0.0000e+00	-1.6678e-05	-1.7814e-07	-3.0869e-06	0.0000e+00
1912	0.0000e+00	0.0000e+00	-6.3894e-06	2.8119e-08	-2.2471e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-7.5705e-06	-2.2853e-08	-2.2134e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	5.8800e-07	6.8797e-08	-2.9313e-06	0.0000e+00
1915	0.0000e+00	0.0000e+00	-2.1494e-04	8.9168e-07	-4.6445e-06	0.0000e+00
1916	1.6760e-03	-3.1355e-06	-1.6569e-03	-4.8636e-07	6.9652e-06	-3.7838e-07
1917	2.2797e-03	-1.4286e-05	-3.2217e-03	-5.6615e-08	1.1787e-06	1.5870e-07
1918	2.2530e-03	-2.9203e-05	-2.9685e-03	-1.5860e-07	3.2351e-06	-1.4260e-08
1919	2.4679e-03	-2.8561e-05	-3.3443e-03	5.3380e-07	-4.8085e-06	-1.3136e-07
1920	2.1615e-03	-2.1272e-05	-2.5319e-03	-7.1383e-07	4.5061e-06	-9.5660e-08
1921	1.9998e-03	-3.9828e-05	-2.0180e-03	-7.6346e-07	4.5747e-06	-2.9835e-07
1922	1.8638e-03	-8.9709e-06	-1.6427e-03	-1.0486e-06	3.7998e-06	-6.8970e-07
1923	1.6655e-03	-1.3241e-05	-1.3533e-03	-8.6255e-07	4.0721e-06	-6.4209e-07
1924	1.4181e-03	7.7665e-06	-1.0087e-03	-6.0679e-07	4.9233e-06	-8.4519e-07
1925	2.5496e-03	-3.3378e-05	-3.7209e-03	1.6836e-07	3.2717e-06	3.8390e-08
1926	1.0650e-03	3.1872e-05	-6.0677e-04	-8.1109e-07	6.0228e-06	-7.7161e-07
1927	3.9028e-03	-1.0882e-04	2.6203e-04	-1.5535e-06	-8.2512e-06	-7.6770e-08
1928	4.7967e-03	-1.0921e-04	8.4638e-04	-1.9308e-06	-1.4732e-05	9.9976e-08
1929	5.0520e-03	-7.8223e-05	8.1497e-04	-1.3119e-06	-1.4282e-05	6.8083e-08
1930	5.0631e-03	-5.8841e-05	8.1172e-04	-9.5137e-07	-1.4204e-05	4.9583e-08
1931	5.0382e-03	-2.8766e-05	7.9043e-04	-4.2903e-07	-1.4012e-05	2.7341e-08
1932	4.8933e-03	-4.9870e-06	6.3545e-04	-3.3241e-08	-1.3152e-05	1.3504e-08
1933	5.0354e-03	1.8760e-05	7.9044e-04	3.5301e-07	-1.4012e-05	2.7362e-09
1934	5.0648e-03	4.8710e-05	8.1171e-04	8.3744e-07	-1.4204e-05	-7.2957e-09
1935	5.0464e-03	6.7939e-05	8.1498e-04	1.1523e-06	-1.4282e-05	-1.0931e-08
1936	4.8210e-03	9.8540e-05	8.5135e-04	1.6619e-06	-1.4795e-05	-9.5122e-09
1937	3.9091e-03	1.2689e-04	2.6726e-04	2.5419e-06	-8.3173e-06	-1.9806e-07
1938	1.9416e-03	3.0335e-05	-1.8307e-03	4.2932e-07	4.1933e-06	3.9582e-07
1939	2.7034e-03	6.4145e-06	-1.7280e-03	-2.3689e-07	-7.2647e-06	-7.3971e-08
1940	2.1947e-03	2.8139e-05	-2.6665e-03	5.7373e-07	5.4299e-06	4.3184e-07
1941	2.2513e-03	1.9136e-05	-2.5958e-03	3.3260e-07	5.8155e-06	2.6484e-07
1942	2.2660e-03	1.4029e-05	-2.5846e-03	2.2640e-07	5.7388e-06	1.8308e-07
1943	2.2727e-03	6.5541e-06	-2.5828e-03	1.0654e-07	5.6763e-06	8.0202e-08
1944	2.2850e-03	7.8528e-07	-2.5870e-03	2.7727e-08	5.5216e-06	7.6362e-09
1945	2.2710e-03	-5.0010e-06	-2.5827e-03	-4.8459e-08	5.6783e-06	-6.3036e-08
1946	2.2675e-03	-1.2559e-05	-2.5847e-03	-1.5838e-07	5.7347e-06	-1.5881e-07
1947	2.2451e-03	-1.7759e-05	-2.5954e-03	-2.5290e-07	5.8306e-06	-2.3317e-07
1948	2.1985e-03	-2.6694e-05	-2.6669e-03	-4.5022e-07	5.4358e-06	-3.8093e-07
1949	1.9336e-03	-3.1811e-05	-1.8303e-03	-8.2062e-07	4.2150e-06	-5.7094e-07
1950	2.6864e-03	2.5616e-06	-2.6601e-03	-9.7021e-07	-9.5711e-06	1.1338e-07
1951	2.9966e-03	1.1339e-06	-2.5911e-03	-6.8024e-07	-1.0304e-05	8.1653e-08
1952	3.0184e-03	2.5581e-07	-2.5766e-03	-5.0828e-07	-1.0278e-05	5.6127e-08
1953	3.0207e-03	-1.1167e-06	-2.5531e-03	-2.6578e-07	-1.0168e-05	1.5445e-08
1954	2.9995e-03	-2.1126e-06	-2.5033e-03	-8.9293e-08	-9.6091e-06	-1.5130e-08
1955	3.0179e-03	-2.9216e-06	-2.5531e-03	7.3018e-08	-1.0166e-05	-4.2505e-08
1956	3.0201e-03	-3.5381e-06	-2.5766e-03	2.5905e-07	-1.0279e-05	-7.0229e-08
1957	2.9909e-03	-3.4765e-06	-2.5911e-03	3.6208e-07	-1.0301e-05	-7.9718e-08
1958	2.7009e-03	-2.4953e-06	-2.6604e-03	4.8479e-07	-9.5868e-06	-7.5491e-08
1959	2.6998e-03	1.5451e-06	-1.7283e-03	1.3890e-06	-7.2670e-06	-2.6163e-07
1960	3.5492e-03	3.5468e-05	-2.1614e-04	2.3021e-06	-8.2918e-06	-5.2322e-07
1961	4.1847e-03	3.0781e-05	-6.8700e-06	1.5433e-06	-1.4799e-05	-1.6954e-07
1962	4.4323e-03	2.1094e-05	-1.3384e-05	1.0744e-06	-1.4282e-05	-1.1592e-07
1963	4.4540e-03	1.4567e-05	-1.2120e-05	7.8314e-07	-1.4204e-05	-8.0536e-08
1964	4.4329e-03	3.9422e-06	-2.2301e-05	3.3344e-07	-1.4013e-05	-2.3654e-08

1965	4.3278e-03	-4.5541e-06	-1.2731e-04	-2.5221e-08	-1.3150e-05	2.4322e-08
1966	4.4357e-03	-1.2888e-05	-2.2294e-05	-3.9196e-07	-1.4013e-05	7.7341e-08
1967	4.4523e-03	-2.2871e-05	-1.2120e-05	-8.7376e-07	-1.4204e-05	1.5426e-07
1968	4.4379e-03	-2.8633e-05	-1.3374e-05	-1.2038e-06	-1.4282e-05	2.1384e-07
1969	4.1656e-03	-3.6408e-05	-7.0731e-06	-1.7656e-06	-1.4757e-05	3.2514e-07
1970	3.5481e-03	-3.9891e-05	-2.1642e-04	-1.4661e-06	-8.2472e-06	4.1212e-08
1971	2.5312e-04	3.6899e-05	3.7258e-05	-2.9853e-07	2.0799e-06	5.7299e-10
1972	1.8528e-04	-9.7260e-07	-1.6338e-05	8.6159e-09	1.4875e-06	3.3862e-10
1973	1.8408e-04	-6.7221e-07	-4.4629e-06	5.9400e-09	1.4934e-06	2.2284e-10
1974	1.8364e-04	-8.9216e-07	-3.0253e-06	7.5864e-09	1.4925e-06	1.5679e-10
1975	1.8134e-04	2.6538e-07	-2.1167e-06	-2.0165e-09	1.4747e-06	7.0637e-11
1976	1.8317e-04	1.9401e-08	-2.6267e-06	-1.8047e-10	1.4896e-06	-4.5575e-13
1977	1.8111e-04	-2.5965e-07	-2.1783e-06	1.9213e-09	1.4727e-06	-7.1660e-11
1978	1.8361e-04	9.7299e-07	-3.0154e-06	-8.3019e-09	1.4924e-06	-1.5729e-10
1979	1.8351e-04	6.8772e-07	-4.6718e-06	-6.1378e-09	1.4882e-06	-2.2351e-10
1980	1.8605e-04	1.0025e-06	-1.6016e-05	-8.9616e-09	1.4945e-06	-3.3731e-10
1981	2.5272e-04	-3.6596e-05	3.6719e-05	2.9634e-07	2.0763e-06	-5.8825e-10
1982	1.0705e-03	-3.9666e-05	-6.1011e-04	7.5187e-07	6.0553e-06	7.7441e-07
1983	2.4702e-03	-1.6063e-05	-3.3132e-03	-2.3433e-07	4.5637e-06	-1.3673e-07
1984	1.4261e-03	-9.2964e-06	-1.0140e-03	3.4491e-07	4.9344e-06	5.7461e-07
1985	1.6733e-03	-1.4471e-06	-1.3569e-03	5.3414e-07	4.0696e-06	4.1687e-07
1986	1.8727e-03	8.9359e-06	-1.6469e-03	5.1080e-07	3.7832e-06	5.2425e-07
1987	3.4215e-03	-2.0008e-05	-4.0223e-04	-1.3725e-06	-8.2308e-06	1.3530e-07
1988	2.9984e-03	1.0598e-05	-1.1330e-03	-7.1534e-07	-7.8752e-06	3.4927e-07
1989	2.4461e-03	5.2978e-05	-2.4800e-03	-5.6960e-07	-5.7666e-06	1.2362e-07
1990	2.6651e-03	8.8330e-06	-1.8233e-03	-2.6503e-07	-7.1433e-06	-1.9670e-07
1991	2.3274e-03	1.7426e-05	-2.9715e-03	1.8223e-07	-3.7083e-06	9.8223e-08
1992	2.2923e-03	3.4307e-05	-3.2306e-03	-1.7409e-07	-1.3216e-06	8.2396e-09
1993	1.2628e-03	7.2877e-06	-1.0538e-03	-2.7673e-07	6.8253e-06	-4.8852e-07
1994	2.2874e-03	1.4022e-05	-3.2253e-03	3.0988e-07	1.1919e-06	-2.8159e-08
1995	2.2612e-03	4.0312e-05	-2.9710e-03	-2.3554e-08	3.2511e-06	-4.7273e-08
1996	2.4077e-03	-7.8198e-06	-3.6147e-03	1.2280e-08	-1.9540e-06	-1.1691e-07
1997	2.1693e-03	2.0323e-05	-2.5317e-03	5.2847e-07	4.5169e-06	1.6227e-07
1998	2.0076e-03	3.6698e-05	-2.0172e-03	4.4430e-07	4.5619e-06	1.6042e-07
1999	3.9299e-03	-1.9539e-05	-3.5459e-04	-1.6464e-06	-1.4698e-05	5.6018e-07
2000	3.1599e-03	-1.7751e-05	-1.6904e-03	-1.0009e-06	-1.2960e-05	4.6870e-07
2001	2.4547e-03	2.2314e-05	-3.3476e-03	-7.3760e-07	-4.7922e-06	1.8363e-07
2002	2.6441e-03	6.2746e-06	-2.7670e-03	-9.5043e-07	-8.9130e-06	1.0153e-07
2003	2.3972e-03	1.4262e-05	-3.6123e-03	-3.4704e-07	-1.9265e-06	1.2012e-07
2004	2.3951e-03	1.3096e-05	-3.6677e-03	-1.7681e-07	-1.0677e-07	4.3657e-08
2005	2.3174e-03	-2.1731e-05	-2.8076e-03	-2.4482e-07	5.5356e-06	-1.0520e-07
2006	2.4017e-03	1.1547e-05	-3.5876e-03	1.1391e-07	1.1373e-06	-1.4456e-07
2007	2.3931e-03	3.4038e-05	-3.4220e-03	-1.7906e-08	2.0756e-06	-2.3347e-08
2008	2.4041e-03	-1.2903e-05	-3.6700e-03	4.6313e-08	-1.3224e-07	3.6476e-08
2009	2.3504e-03	1.8119e-05	-3.1794e-03	5.4865e-07	3.1240e-06	1.3587e-07
2010	2.2512e-03	3.4169e-05	-2.8363e-03	5.5256e-07	4.6570e-06	1.9699e-07
2011	2.0500e-03	8.4106e-06	-2.2415e-03	7.2145e-07	6.4432e-06	5.4240e-07
2012	1.6682e-03	7.1656e-06	-1.6510e-03	5.8611e-07	6.9897e-06	4.5884e-07
2013	1.2542e-03	-7.8484e-06	-1.0476e-03	3.6668e-07	6.8248e-06	5.7440e-07
2014	2.1118e-03	-5.8167e-06	-2.2120e-03	-3.2649e-07	6.2079e-06	-2.9625e-07
2015	8.3198e-04	-3.0367e-05	-5.4793e-04	4.7836e-07	6.2205e-06	5.7938e-07
2016	4.2125e-03	-1.6881e-05	-3.4478e-04	-1.1267e-06	-1.4223e-05	3.6694e-07
2017	3.4728e-03	-1.3251e-05	-1.6237e-03	-7.0570e-07	-1.2871e-05	3.1337e-07
2018	2.7010e-03	1.5352e-05	-3.4565e-03	-5.3189e-07	-6.3055e-06	1.1461e-07
2019	2.9473e-03	3.7205e-06	-2.7142e-03	-6.6740e-07	-9.8012e-06	7.3422e-08
2020	2.5968e-03	1.0148e-05	-3.8995e-03	-2.7699e-07	-3.2295e-06	1.5485e-07
2021	2.5765e-03	2.3304e-08	-4.0652e-03	-2.0115e-08	-6.5043e-07	2.8262e-08
2022	8.4065e-04	3.2747e-05	-5.5360e-04	-4.5941e-07	6.2519e-06	-5.9121e-07
2023	2.5783e-03	7.4986e-06	-3.9898e-03	3.6721e-08	1.5693e-06	-1.4289e-07
2024	2.5564e-03	2.0802e-05	-3.7227e-03	-3.4254e-09	3.2680e-06	-1.4340e-08
2025	2.4093e-03	-1.3900e-05	-3.5954e-03	-1.6221e-07	1.1227e-06	1.3190e-07
2026	2.4768e-03	1.3628e-05	-3.3145e-03	3.1134e-07	4.5665e-06	5.9304e-08
2027	2.3236e-03	2.3184e-05	-2.8080e-03	3.1556e-07	5.5294e-06	1.2295e-07
2028	2.1187e-03	6.8496e-06	-2.2150e-03	4.2889e-07	6.1840e-06	3.3090e-07
2029	1.7704e-03	5.2288e-06	-1.6843e-03	3.5302e-07	6.5232e-06	2.9357e-07
2030	1.3857e-03	-5.7766e-06	-1.1307e-03	2.2949e-07	6.6786e-06	3.7797e-07
2031	1.7620e-03	-1.8752e-06	-1.6788e-03	-2.9136e-07	6.5392e-06	-2.4203e-07
2032	9.5489e-04	-2.0791e-05	-6.2767e-04	3.1650e-07	6.6881e-06	3.8013e-07
2033	4.2281e-03	-1.4309e-05	-3.4160e-04	-8.1856e-07	-1.4146e-05	2.6437e-07
2034	3.4926e-03	-1.1132e-05	-1.6135e-03	-5.1986e-07	-1.2812e-05	2.2106e-07
2035	2.7226e-03	1.1048e-05	-3.4425e-03	-3.9812e-07	-6.3236e-06	8.2776e-08
2036	2.9692e-03	2.2391e-06	-2.6996e-03	-4.9890e-07	-9.7814e-06	5.1415e-08

2037	2.6177e-03	7.6045e-06	-3.8893e-03	-2.1429e-07	-3.2688e-06	1.1585e-07
2038	2.5967e-03	-2.2415e-07	-4.0598e-03	-1.8582e-08	-6.9381e-07	2.4289e-08
2039	3.4216e-03	1.6047e-05	-4.0258e-04	2.1419e-06	-8.2591e-06	-8.7502e-07
2040	2.5977e-03	4.7625e-06	-3.9900e-03	2.2503e-08	1.5518e-06	-9.0647e-08
2041	2.5751e-03	1.2949e-05	-3.7221e-03	1.7975e-08	3.2920e-06	-1.3080e-08
2042	2.3993e-03	-3.4412e-05	-3.4282e-03	2.5331e-09	2.0851e-06	1.8643e-08
2043	2.4938e-03	1.0056e-05	-3.3084e-03	2.1129e-07	4.6014e-06	2.4924e-08
2044	2.3385e-03	1.6880e-05	-2.7967e-03	2.1328e-07	5.5022e-06	8.5277e-08
2045	2.1375e-03	5.4802e-06	-2.2168e-03	2.9492e-07	6.0548e-06	2.2907e-07
2046	1.7972e-03	4.1277e-06	-1.6996e-03	2.4280e-07	6.4194e-06	2.0879e-07
2047	1.4172e-03	-4.2695e-06	-1.1539e-03	1.6119e-07	6.6718e-06	2.7124e-07
2048	1.3768e-03	5.9133e-06	-1.1242e-03	-1.7303e-07	6.6724e-06	-3.2185e-07
2049	9.8241e-04	-1.4967e-05	-6.4739e-04	2.2392e-07	6.8118e-06	2.6921e-07
2050	4.2146e-03	-9.2627e-06	-3.4723e-04	-3.6646e-07	-1.3956e-05	1.3077e-07
2051	3.4890e-03	-8.6700e-06	-1.6019e-03	-2.4047e-07	-1.2650e-05	8.9286e-08
2052	2.7273e-03	4.4072e-06	-3.4123e-03	-2.0181e-07	-6.2893e-06	3.8335e-08
2053	2.9720e-03	8.9737e-08	-2.6748e-03	-2.6114e-07	-9.6812e-06	1.8477e-08
2054	2.6223e-03	3.7225e-06	-3.8590e-03	-1.2517e-07	-3.2843e-06	5.7690e-08
2055	2.6008e-03	-8.9812e-07	-4.0336e-03	-1.5435e-08	-7.4172e-07	2.3264e-08
2056	2.9984e-03	2.8719e-05	-1.1298e-03	1.3092e-06	-7.8863e-06	-6.8081e-07
2057	2.6016e-03	3.7401e-07	-3.9706e-03	1.4468e-08	1.4900e-06	-3.0275e-08
2058	2.5795e-03	3.2845e-06	-3.7095e-03	3.0962e-08	3.2343e-06	-8.5326e-09
2059	2.3560e-03	-1.9669e-05	-3.1847e-03	-4.6735e-07	3.1425e-06	-1.2644e-07
2060	2.4990e-03	3.7571e-06	-3.3008e-03	1.0293e-07	4.5517e-06	-3.1557e-09
2061	2.3447e-03	7.6878e-06	-2.7932e-03	1.0053e-07	5.4474e-06	3.5083e-08
2062	2.1462e-03	2.9150e-06	-2.2210e-03	1.3802e-07	5.9901e-06	1.0155e-07
2063	1.8091e-03	2.5584e-06	-1.7090e-03	1.1130e-07	6.3824e-06	9.7915e-08
2064	1.4302e-03	-1.7111e-06	-1.1654e-03	7.7924e-08	6.6821e-06	1.2722e-07
2065	9.4736e-04	2.2800e-05	-6.2256e-04	-3.0749e-07	6.6535e-06	-3.8944e-07
2066	9.9272e-04	-6.1092e-06	-6.5618e-04	1.0148e-07	6.8752e-06	1.1642e-07
2067	4.1206e-03	-4.8358e-06	-4.3190e-04	-2.1495e-08	-1.3098e-05	3.7599e-08
2068	4.2118e-03	-2.5983e-07	-3.4725e-04	3.1593e-07	-1.3956e-05	-4.7967e-08
2069	3.4400e-03	-7.1324e-06	-1.6087e-03	-2.6082e-08	-1.1894e-05	-9.7237e-09
2070	3.4862e-03	-5.8577e-06	-1.6019e-03	1.8130e-07	-1.2649e-05	-1.0606e-07
2071	2.7201e-03	-9.0403e-07	-3.3216e-03	-5.3045e-08	-6.0275e-06	3.5394e-09
2072	2.7246e-03	-6.3980e-06	-3.4119e-03	9.0795e-08	-6.2855e-06	-3.0226e-08
2073	2.9534e-03	-1.4591e-06	-2.6186e-03	-8.7720e-08	-9.1613e-06	-4.2976e-09
2074	2.9692e-03	-2.7877e-06	-2.6748e-03	7.2285e-08	-9.6790e-06	-2.2092e-08
2075	2.6181e-03	7.3141e-07	-3.7556e-03	-6.2577e-08	-3.2297e-06	2.5593e-08
2076	2.6197e-03	-2.0597e-06	-3.8582e-03	-9.9535e-09	-3.2798e-06	-1.9016e-09
2077	2.5961e-03	-3.3033e-06	-3.9352e-03	1.3067e-08	-8.3870e-07	2.2932e-08
2078	2.5983e-03	-6.2826e-06	-4.0323e-03	4.7765e-08	-7.3723e-07	2.2192e-08
2079	2.4421e-03	-5.1819e-06	-2.4741e-03	8.4860e-07	-5.7587e-06	-2.4110e-07
2080	2.3212e-03	-7.5137e-06	-2.9685e-03	5.3995e-07	-3.7091e-06	-9.3472e-08
2081	2.5967e-03	-3.1124e-06	-3.8907e-03	1.0738e-08	1.2878e-06	8.8396e-10
2082	2.5993e-03	-6.4760e-06	-3.9687e-03	2.1779e-09	1.4903e-06	3.3310e-08
2083	2.5768e-03	-3.8944e-06	-3.6555e-03	4.3277e-08	2.9838e-06	-3.3714e-10
2084	2.5773e-03	-1.1882e-05	-3.7081e-03	6.8467e-08	3.2298e-06	1.1212e-08
2085	2.2554e-03	-3.2632e-05	-2.8385e-03	-4.4250e-07	4.6739e-06	-1.7435e-07
2086	2.0542e-03	-7.8209e-06	-2.2425e-03	-5.6057e-07	6.4228e-06	-4.8272e-07
2087	2.5017e-03	-1.4564e-06	-3.2741e-03	3.4562e-08	4.3067e-06	-1.9795e-08
2088	2.4970e-03	-6.6430e-06	-3.3000e-03	-3.2360e-08	4.5467e-06	-4.2510e-08
2089	2.3546e-03	6.2567e-07	-2.7902e-03	2.7613e-08	5.2584e-06	-6.9789e-10
2090	2.3430e-03	-6.4053e-06	-2.7930e-03	-4.3645e-08	5.4463e-06	-3.4183e-08
2091	2.1609e-03	7.1583e-07	-2.2322e-03	3.2053e-08	5.8950e-06	1.1107e-08
2092	2.1443e-03	-1.5267e-06	-2.2202e-03	-6.9778e-08	5.9954e-06	-7.7949e-08
2093	1.8264e-03	1.3939e-06	-1.7241e-03	1.8771e-08	6.3609e-06	1.6228e-08
2094	1.8068e-03	2.8825e-07	-1.7077e-03	-7.1181e-08	6.3864e-06	-6.3440e-08
2095	1.4465e-03	3.6127e-07	-1.1791e-03	1.6477e-08	6.7160e-06	1.7370e-08
2096	1.4277e-03	2.3725e-06	-1.1637e-03	-4.2531e-08	6.6806e-06	-9.0272e-08
2097	3.9481e-03	1.3074e-05	-3.5489e-04	1.4432e-06	-1.4724e-05	-3.2288e-07
2098	3.1782e-03	-2.1240e-06	-1.6868e-03	7.9995e-07	-1.2975e-05	-4.3365e-07
2099	1.0050e-03	8.4828e-07	-6.6518e-04	1.4072e-09	6.9443e-06	-2.5691e-09
2100	9.9064e-04	7.8385e-06	-6.5484e-04	-9.8188e-08	6.8662e-06	-1.2204e-07
2101	4.2298e-03	5.3768e-06	-3.4159e-04	7.3804e-07	-1.4146e-05	-1.5138e-07
2102	3.4943e-03	-4.4353e-06	-1.6134e-03	4.3275e-07	-1.2812e-05	-2.2728e-07
2103	2.7243e-03	-1.3788e-05	-3.4427e-03	2.6822e-07	-6.3254e-06	-7.1305e-08
2104	2.9709e-03	-4.0503e-06	-2.6996e-03	2.5672e-07	-9.7826e-06	-3.4895e-08
2105	2.6192e-03	-5.1138e-06	-3.8897e-03	3.9661e-08	-3.2703e-06	-4.0085e-08
2106	2.5983e-03	-9.4992e-06	-4.0604e-03	8.1056e-08	-6.9431e-07	1.9509e-08
2107	2.2851e-03	-5.3370e-06	-3.2248e-03	1.7834e-07	-1.3227e-06	5.9931e-09
2108	2.5994e-03	-1.0307e-05	-3.9904e-03	-2.5068e-08	1.5512e-06	9.4687e-08

2109	2.5769e-03	-2.4435e-05	-3.7228e-03	1.2808e-07	3.2922e-06	2.8955e-08
2110	2.6582e-03	-4.1618e-06	-2.7674e-03	4.8469e-07	-8.9239e-06	-2.8194e-09
2111	2.4955e-03	-1.2789e-05	-3.3088e-03	-1.3616e-07	4.6033e-06	-9.2692e-08
2112	2.3401e-03	-1.5495e-05	-2.7968e-03	-1.5026e-07	5.5010e-06	-7.5525e-08
2113	2.1393e-03	-4.2597e-06	-2.2176e-03	-2.1085e-07	6.0478e-06	-2.0039e-07
2114	1.7994e-03	-1.0483e-06	-1.7012e-03	-1.9261e-07	6.4145e-06	-1.6638e-07
2115	1.4196e-03	4.6896e-06	-1.1559e-03	-1.1591e-07	6.6733e-06	-2.2528e-07
2116	2.6613e-03	-2.5680e-06	-1.8234e-03	1.3412e-06	-7.1391e-06	-2.8630e-07
2117	9.8442e-04	1.6826e-05	-6.4893e-04	-2.1753e-07	6.8217e-06	-2.7634e-07
2118	4.2068e-03	8.6543e-06	-3.4480e-04	1.0099e-06	-1.4223e-05	-2.1757e-07
2119	3.4671e-03	-3.5514e-06	-1.6238e-03	5.8425e-07	-1.2870e-05	-3.0678e-07
2120	2.6955e-03	-1.9056e-05	-3.4559e-03	3.7910e-07	-6.3014e-06	-9.6414e-08
2121	2.9416e-03	-4.4356e-06	-2.7142e-03	3.6006e-07	-9.7981e-06	-3.2161e-08
2122	2.5915e-03	-6.5644e-06	-3.8985e-03	5.3702e-08	-3.2271e-06	-7.1210e-08
2123	2.5712e-03	-1.0644e-05	-4.0639e-03	8.4718e-08	-6.5253e-07	1.7774e-08
2124	-3.5282e-04	-1.8758e-08	0.0000e+00	0.0000e+00	0.0000e+00	-3.0142e-11
2125	2.5723e-03	-1.2190e-05	-3.9897e-03	-6.0880e-08	1.5717e-06	1.4628e-07

SPOSTAMENTI NODALI "Q1" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-1.2580e-03	2.3126e-06	-3.9003e-06	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.2942e-03	-3.0536e-07	-8.2476e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-1.4503e-03	-1.0952e-06	-8.9027e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.4428e-03	1.1384e-06	-8.9271e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	-1.3964e-03	-6.3185e-07	-8.9780e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-1.4308e-03	2.0111e-11	-8.9354e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.3964e-03	6.3184e-07	-8.9780e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.4428e-03	-1.1384e-06	-8.9271e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.4503e-03	1.0952e-06	-8.9026e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-1.2943e-03	3.0539e-07	-8.2477e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.2579e-03	-2.3122e-06	-3.9000e-06	0.0000e+00
12	0.0000e+00	0.0000e+00	-1.2066e-03	4.2711e-06	9.1192e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-1.6899e-03	-5.4848e-08	2.4198e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-1.6651e-03	-1.9531e-06	2.4305e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6587e-03	2.0185e-06	2.4290e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-1.6629e-03	-8.6964e-07	2.4589e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.5811e-03	1.6086e-11	2.4093e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.6629e-03	8.6967e-07	2.4589e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.6587e-03	-2.0185e-06	2.4290e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-1.6651e-03	1.9532e-06	2.4306e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-1.6899e-03	5.4872e-08	2.4199e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.2066e-03	-4.2710e-06	9.1201e-07	0.0000e+00
23	0.0000e+00	0.0000e+00	-9.6736e-04	2.4115e-06	-1.6570e-07	0.0000e+00
24	0.0000e+00	0.0000e+00	-8.3358e-04	-9.9274e-08	1.5359e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-9.4649e-04	-9.0975e-07	1.7049e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.3892e-04	9.6353e-07	1.7076e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-8.7478e-04	-4.3004e-07	1.5974e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-8.6571e-04	6.1705e-12	9.7494e-07	0.0000e+00
29	0.0000e+00	0.0000e+00	-8.7478e-04	4.3004e-07	1.5974e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-9.3892e-04	-9.6352e-07	1.7076e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-9.4649e-04	9.0973e-07	1.7050e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-8.3361e-04	9.9264e-08	1.5361e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-9.6738e-04	-2.4114e-06	-1.6561e-07	0.0000e+00
34	2.0177e-03	-6.7980e-08	-1.5461e-03	-1.3236e-06	5.1059e-05	-4.9213e-11
35	2.0177e-03	-8.9437e-08	-1.8289e-03	-2.2015e-06	-1.6758e-05	-4.9213e-11
36	2.0177e-03	-1.0440e-07	-1.1436e-03	-1.1990e-06	-1.0706e-05	-4.9213e-11
37	2.0177e-03	-6.7980e-08	-1.9072e-03	-1.5533e-07	9.6305e-05	-4.9213e-11
38	2.0177e-03	-6.7980e-08	-1.9727e-03	3.9169e-07	8.6344e-05	-4.9213e-11
39	2.0177e-03	-6.7980e-08	-1.9658e-03	-4.2251e-07	8.6210e-05	-4.9213e-11
40	2.0178e-03	-6.7980e-08	-1.9717e-03	2.7270e-07	9.2871e-05	-4.9213e-11
41	2.0178e-03	-6.7980e-08	-1.9385e-03	1.1524e-10	8.4600e-05	-4.9213e-11
42	2.0178e-03	-6.7980e-08	-1.9717e-03	-2.7247e-07	9.2871e-05	-4.9213e-11
43	2.0178e-03	-6.7980e-08	-1.9658e-03	4.2277e-07	8.6210e-05	-4.9213e-11
44	2.0178e-03	-6.7980e-08	-1.9727e-03	-3.9145e-07	8.6344e-05	-4.9213e-11
45	2.0178e-03	-6.7980e-08	-1.9073e-03	1.5561e-07	9.6305e-05	-4.9213e-11
46	2.0179e-03	-6.7980e-08	-1.5460e-03	1.3239e-06	5.1059e-05	-4.9213e-11
47	2.0177e-03	-8.9437e-08	-2.9804e-03	-4.3726e-07	-3.3972e-05	-4.9213e-11
48	2.0177e-03	-8.9437e-08	-2.7782e-03	6.9999e-07	-3.0114e-05	-4.9213e-11
49	2.0177e-03	-8.9437e-08	-2.7714e-03	-6.6663e-07	-3.0071e-05	-4.9213e-11
50	2.0178e-03	-8.9437e-08	-2.8811e-03	4.0935e-07	-3.2635e-05	-4.9213e-11
51	2.0178e-03	-8.9437e-08	-2.6645e-03	1.5041e-10	-2.9543e-05	-4.9213e-11

52 2.0178e-03 -8.9437e-08 -2.8811e-03 -4.0903e-07 -3.2635e-05 -4.9213e-11
53 2.0178e-03 -8.9437e-08 -2.7714e-03 6.6694e-07 -3.0071e-05 -4.9213e-11
54 2.0178e-03 -8.9437e-08 -2.7782e-03 -6.9970e-07 -3.0114e-05 -4.9213e-11
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56 2.0179e-03 -8.9437e-08 -1.8289e-03 2.2020e-06 -1.6758e-05 -4.9213e-11
57 2.0177e-03 -1.0440e-07 -1.2047e-03 -4.0980e-08 -2.5452e-05 -4.9213e-11
58 2.0177e-03 -1.0440e-07 -1.2619e-03 3.5175e-07 -2.1936e-05 -4.9213e-11
59 2.0177e-03 -1.0440e-07 -1.2547e-03 -3.6736e-07 -2.1902e-05 -4.9213e-11
60 2.0178e-03 -1.0440e-07 -1.2221e-03 2.5633e-07 -2.4048e-05 -4.9213e-11
61 2.0178e-03 -1.0440e-07 -1.1728e-03 1.9511e-10 -2.1217e-05 -4.9213e-11
62 2.0178e-03 -1.0440e-07 -1.2221e-03 -2.5591e-07 -2.4048e-05 -4.9213e-11
63 2.0178e-03 -1.0440e-07 -1.2547e-03 3.6775e-07 -2.1902e-05 -4.9213e-11
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65 2.0178e-03 -1.0440e-07 -1.2048e-03 4.1382e-08 -2.5452e-05 -4.9213e-11
66 2.0179e-03 -1.0440e-07 -1.1436e-03 1.1995e-06 -1.0706e-05 -4.9213e-11
67 0.0000e+00 0.0000e+00 -1.4140e-03 2.0875e-06 -3.0520e-06 0.0000e+00
68 0.0000e+00 0.0000e+00 -1.6131e-03 -4.2339e-07 -6.3230e-06 0.0000e+00
69 0.0000e+00 0.0000e+00 -1.8020e-03 -1.2400e-06 -6.9973e-06 0.0000e+00
70 0.0000e+00 0.0000e+00 -1.7958e-03 1.2711e-06 -7.0299e-06 0.0000e+00
71 0.0000e+00 0.0000e+00 -1.7489e-03 -6.9952e-07 -7.0162e-06 0.0000e+00
72 0.0000e+00 0.0000e+00 -1.7848e-03 2.1052e-11 -7.0576e-06 0.0000e+00
73 0.0000e+00 0.0000e+00 -1.7488e-03 6.9950e-07 -7.0162e-06 0.0000e+00
74 0.0000e+00 0.0000e+00 -1.7958e-03 -1.2710e-06 -7.0299e-06 0.0000e+00
75 0.0000e+00 0.0000e+00 -1.8019e-03 1.2400e-06 -6.9972e-06 0.0000e+00
76 0.0000e+00 0.0000e+00 -1.6132e-03 4.2342e-07 -6.3230e-06 0.0000e+00
77 0.0000e+00 0.0000e+00 -1.4139e-03 -2.0872e-06 -3.0519e-06 0.0000e+00
1894 0.0000e+00 0.0000e+00 -6.1525e-05 -3.0714e-07 3.7347e-06 0.0000e+00
1895 0.0000e+00 0.0000e+00 -3.0991e-05 1.4704e-08 3.5562e-06 0.0000e+00
1896 0.0000e+00 0.0000e+00 -4.6416e-05 7.5991e-08 3.7526e-06 0.0000e+00
1897 0.0000e+00 0.0000e+00 -4.5036e-05 -8.1973e-08 3.8098e-06 0.0000e+00
1898 0.0000e+00 0.0000e+00 -3.7832e-05 3.9582e-08 3.7962e-06 0.0000e+00
1899 0.0000e+00 0.0000e+00 -4.2639e-05 -4.4335e-11 3.8540e-06 0.0000e+00
1900 0.0000e+00 0.0000e+00 -3.7814e-05 -3.9568e-08 3.7965e-06 0.0000e+00
1901 0.0000e+00 0.0000e+00 -4.5061e-05 8.1790e-08 3.8095e-06 0.0000e+00
1902 0.0000e+00 0.0000e+00 -4.6360e-05 -7.6034e-08 3.7533e-06 0.0000e+00
1903 0.0000e+00 0.0000e+00 -3.1111e-05 -1.4729e-08 3.5554e-06 0.0000e+00
1904 0.0000e+00 0.0000e+00 -6.1210e-05 3.0524e-07 3.7370e-06 0.0000e+00
1905 0.0000e+00 0.0000e+00 -2.3183e-04 -1.3212e-06 -2.8776e-06 0.0000e+00
1906 0.0000e+00 0.0000e+00 1.3199e-05 -2.2231e-08 -1.7730e-06 0.0000e+00
1907 0.0000e+00 0.0000e+00 -2.8084e-06 1.5653e-08 -1.2627e-06 0.0000e+00
1908 0.0000e+00 0.0000e+00 -1.8839e-06 -1.7096e-08 -1.2203e-06 0.0000e+00
1909 0.0000e+00 0.0000e+00 -9.0417e-06 1.2125e-07 -1.5771e-06 0.0000e+00
1910 0.0000e+00 0.0000e+00 -8.1783e-05 -3.2074e-12 -2.3221e-06 0.0000e+00
1911 0.0000e+00 0.0000e+00 -9.0395e-06 -1.2125e-07 -1.5771e-06 0.0000e+00
1912 0.0000e+00 0.0000e+00 -1.8847e-06 1.7094e-08 -1.2202e-06 0.0000e+00
1913 0.0000e+00 0.0000e+00 -2.8093e-06 -1.5635e-08 -1.2626e-06 0.0000e+00
1914 0.0000e+00 0.0000e+00 1.3162e-05 2.2245e-08 -1.7728e-06 0.0000e+00
1915 0.0000e+00 0.0000e+00 -2.3189e-04 1.3214e-06 -2.8773e-06 0.0000e+00
1916 1.6053e-03 -3.5514e-07 -1.2839e-03 -2.9815e-07 4.6517e-06 -2.2916e-07
1917 1.9345e-03 -6.2284e-06 -2.1174e-03 1.7779e-08 -2.4762e-08 1.2507e-07
1918 1.9274e-03 -1.1817e-05 -2.0554e-03 -3.5437e-08 1.0819e-06 -3.0791e-09
1919 2.1100e-03 -1.0314e-06 -1.6406e-03 6.5480e-08 -3.4857e-06 -1.1292e-08
1920 1.8924e-03 -1.0560e-05 -1.8891e-03 -1.9255e-07 1.9600e-06 -1.5340e-08
1921 1.8176e-03 -1.5435e-05 -1.6506e-03 -2.0626e-07 2.4597e-06 -1.0744e-07
1922 1.7321e-03 -2.0669e-06 -1.4117e-03 -3.0925e-07 2.7089e-06 -2.4113e-07
1923 1.5731e-03 -1.7810e-06 -1.1752e-03 -1.9818e-07 3.2848e-06 -1.6781e-07
1924 1.3646e-03 4.8265e-06 -8.8078e-04 -8.4424e-08 4.0123e-06 -1.4479e-07
1925 2.1634e-03 -2.0774e-05 -2.4131e-03 1.0251e-07 6.3020e-07 1.5341e-08
1926 1.0795e-03 1.0956e-05 -5.5291e-04 5.3069e-08 4.7308e-06 -9.9744e-08
1927 2.9012e-03 -2.4305e-05 5.5030e-05 -2.9423e-07 -4.9644e-06 -8.9071e-09
1928 3.2134e-03 -2.4422e-05 3.9700e-04 -3.9963e-07 -6.6627e-06 4.3042e-08
1929 3.4413e-03 -1.7959e-05 3.9438e-04 -2.5797e-07 -6.8828e-06 2.7041e-08
1930 3.4635e-03 -1.3931e-05 3.9323e-04 -1.8079e-07 -6.8462e-06 1.9319e-08
1931 3.4388e-03 -7.6953e-06 3.7325e-04 -7.3021e-08 -6.6226e-06 9.4613e-09
1932 3.3148e-03 -2.7674e-06 2.6175e-04 4.7000e-09 -5.9491e-06 4.4887e-09
1933 3.4374e-03 2.1570e-06 3.7325e-04 7.9639e-08 -6.6227e-06 6.5297e-10
1934 3.4648e-03 8.3777e-06 3.9323e-04 1.7694e-07 -6.8462e-06 -5.1651e-09
1935 3.4408e-03 1.2384e-05 3.9438e-04 2.4133e-07 -6.8827e-06 -7.9608e-09
1936 3.2234e-03 1.8786e-05 3.9797e-04 3.5301e-07 -6.6742e-06 -1.3425e-08
1937 2.9032e-03 2.4757e-05 5.6086e-05 5.7391e-07 -4.9772e-06 -7.7262e-08
1938 1.7855e-03 1.9168e-05 -1.5510e-03 3.2378e-07 2.5154e-06 2.3686e-07
1939 2.1795e-03 -4.3713e-06 -1.1437e-03 -6.4391e-08 -4.2921e-06 -3.6464e-08

1940	1.9308e-03	1.4517e-05	-1.9021e-03	2.3793e-07	3.1113e-06	1.6326e-07
1941	2.0402e-03	1.0208e-05	-1.9706e-03	1.3716e-07	3.2751e-06	9.1858e-08
1942	2.0612e-03	7.8221e-06	-1.9646e-03	7.4036e-08	3.2253e-06	5.0047e-08
1943	2.0751e-03	4.1085e-06	-1.9706e-03	2.9586e-08	3.1813e-06	7.7107e-09
1944	2.0714e-03	1.3422e-06	-1.9381e-03	-1.0257e-08	2.9861e-06	-2.7138e-08
1945	2.0747e-03	-1.4831e-06	-1.9706e-03	-5.3476e-08	3.1808e-06	-6.2770e-08
1946	2.0623e-03	-5.3314e-06	-1.9647e-03	-1.0612e-07	3.2229e-06	-1.0807e-07
1947	2.0382e-03	-7.8731e-06	-1.9705e-03	-1.7882e-07	3.2822e-06	-1.5406e-07
1948	1.9328e-03	-1.2348e-05	-1.9023e-03	-2.9209e-07	3.1112e-06	-2.3487e-07
1949	1.7826e-03	-1.1807e-05	-1.5508e-03	-2.2611e-07	2.5230e-06	-2.0484e-07
1950	2.2517e-03	-4.9990e-06	-1.2011e-03	-2.7973e-07	-5.0451e-06	3.7236e-08
1951	2.4447e-03	-4.5729e-06	-1.2597e-03	-1.8244e-07	-5.5009e-06	2.2372e-08
1952	2.4719e-03	-4.0543e-06	-1.2526e-03	-1.3388e-07	-5.4949e-06	1.5730e-08
1953	2.4790e-03	-3.2186e-06	-1.2202e-03	-6.7772e-08	-5.3688e-06	2.3279e-09
1954	2.4519e-03	-2.3987e-06	-1.1713e-03	-2.7841e-08	-4.9238e-06	-3.0838e-09
1955	2.4776e-03	-1.5213e-06	-1.2202e-03	6.9765e-09	-5.3677e-06	-6.8212e-09
1956	2.4733e-03	-4.5648e-07	-1.2526e-03	5.4568e-08	-5.4957e-06	-1.5109e-08
1957	2.4442e-03	3.5418e-07	-1.2597e-03	8.0437e-08	-5.5014e-06	-1.5496e-08
1958	2.2596e-03	1.5287e-06	-1.2012e-03	1.2494e-07	-5.0521e-06	-1.8107e-08
1959	2.1793e-03	2.6798e-06	-1.1437e-03	4.1174e-07	-4.2917e-06	-1.0721e-07
1960	2.6887e-03	6.2555e-06	-2.3280e-04	5.1030e-07	-4.9716e-06	-1.6347e-07
1961	2.9364e-03	5.2806e-06	1.0840e-05	3.1932e-07	-6.6751e-06	-5.8863e-08
1962	3.1448e-03	3.0438e-06	-4.8262e-06	2.1968e-07	-6.8829e-06	-3.7158e-08
1963	3.1704e-03	1.4722e-06	-3.8558e-06	1.6176e-07	-6.8463e-06	-2.5646e-08
1964	3.1526e-03	-1.1426e-06	-1.0877e-05	7.3515e-08	-6.6231e-06	-7.6082e-09
1965	3.0590e-03	-3.2539e-06	-8.3269e-05	5.6078e-09	-5.9482e-06	5.7132e-09
1966	3.1540e-03	-5.3252e-06	-1.0873e-05	-6.4702e-08	-6.6229e-06	2.0683e-08
1967	3.1691e-03	-7.7802e-06	-3.8579e-06	-1.6189e-07	-6.8463e-06	4.4822e-08
1968	3.1453e-03	-9.1579e-06	-4.8277e-06	-2.3075e-07	-6.8829e-06	6.3749e-08
1969	2.9273e-03	-1.0903e-05	1.0768e-05	-3.5597e-07	-6.6682e-06	1.0261e-07
1970	2.6878e-03	-1.1830e-05	-2.3288e-04	-2.6815e-07	-4.9634e-06	2.6272e-08
1971	4.6376e-04	-3.7474e-05	-6.1043e-05	3.0439e-07	3.7809e-06	-8.2938e-11
1972	4.3426e-04	1.7806e-06	-3.1288e-05	-1.4335e-08	3.5228e-06	8.6642e-11
1973	4.6068e-04	9.3100e-06	-4.6440e-05	-7.5509e-08	3.7428e-06	9.0639e-11
1974	4.6836e-04	-1.0040e-05	-4.5105e-05	8.1547e-08	3.8073e-06	-2.7185e-11
1975	4.6683e-04	4.8540e-06	-3.7856e-05	-3.9409e-08	3.7950e-06	2.3317e-11
1976	4.7460e-04	1.4438e-08	-4.2650e-05	-1.5678e-10	3.8600e-06	-2.0787e-11
1977	4.6678e-04	-4.8376e-06	-3.7875e-05	3.9196e-08	3.7946e-06	-6.5511e-11
1978	4.6844e-04	1.0081e-05	-4.5078e-05	-8.1962e-08	3.8080e-06	-1.6449e-11
1979	4.6052e-04	-9.2856e-06	-4.6499e-05	7.5225e-08	3.7414e-06	-1.3617e-10
1980	4.3446e-04	-1.7568e-06	-3.1164e-05	1.4052e-08	3.5247e-06	-1.3543e-10
1981	4.6341e-04	3.7717e-05	-6.1361e-05	-3.0640e-07	3.7778e-06	6.7159e-11
1982	1.0826e-03	-2.6887e-06	-5.5475e-04	-1.0960e-07	4.7460e-06	9.9043e-08
1983	2.1413e-03	-8.6607e-06	-2.2982e-03	-1.5046e-07	1.7100e-06	-1.0403e-07
1984	1.3686e-03	5.4250e-06	-8.8336e-04	6.2269e-08	4.0157e-06	1.1733e-07
1985	1.5769e-03	9.0348e-06	-1.1772e-03	2.4228e-07	3.2782e-06	1.6484e-07
1986	1.7353e-03	8.0526e-06	-1.4128e-03	3.8919e-07	2.6992e-06	2.9180e-07
1987	2.6114e-03	-8.7538e-06	-3.4499e-04	-2.4356e-07	-4.9530e-06	5.7490e-08
1988	2.3565e-03	-7.0189e-06	-7.8539e-04	-1.0801e-07	-4.7202e-06	4.7665e-08
1989	2.0326e-03	3.5302e-06	-1.5747e-03	-6.0143e-08	-3.4190e-06	2.8124e-08
1990	2.1576e-03	-3.6067e-06	-1.1984e-03	-6.4424e-08	-4.2067e-06	-4.9822e-08
1991	1.9625e-03	-3.8254e-06	-1.8696e-03	1.2040e-07	-2.4006e-06	-1.0406e-08
1992	1.9389e-03	1.6920e-06	-2.0549e-03	6.4035e-08	-1.2568e-06	-1.7584e-08
1993	1.3176e-03	5.0647e-06	-8.6695e-04	-2.0164e-07	4.9604e-06	-2.4357e-07
1994	1.9364e-03	5.3677e-07	-2.1187e-03	2.2265e-07	-2.0311e-08	-1.0345e-07
1995	1.9297e-03	1.9363e-05	-2.0567e-03	3.6454e-08	1.0887e-06	-3.8103e-08
1996	2.0462e-03	3.4921e-07	-1.9162e-03	-1.8295e-08	-2.3865e-06	-3.0503e-08
1997	1.8947e-03	9.8790e-06	-1.8886e-03	3.6974e-07	1.9634e-06	8.4010e-08
1998	1.8205e-03	2.2094e-05	-1.6506e-03	3.2866e-07	2.4542e-06	9.2813e-08
1999	2.8228e-03	-8.4838e-06	-1.4306e-04	-3.2839e-07	-6.6478e-06	1.6853e-07
2000	2.4775e-03	-1.3344e-05	-7.4067e-04	-2.0924e-07	-6.1003e-06	9.1772e-08
2001	2.1026e-03	-5.9769e-06	-1.6411e-03	-1.2250e-07	-3.4753e-06	4.2361e-08
2002	2.2279e-03	-4.0203e-06	-1.2610e-03	-2.6667e-07	-4.8396e-06	5.4823e-08
2003	2.0401e-03	-4.5083e-06	-1.9141e-03	-7.8428e-08	-2.3752e-06	3.0288e-08
2004	2.0193e-03	-8.6912e-06	-2.0963e-03	7.3354e-08	-1.4880e-06	-4.0637e-09
2005	2.0758e-03	-1.0515e-05	-2.0809e-03	-1.6986e-07	2.8361e-06	-8.0700e-08
2006	2.0196e-03	-5.0729e-07	-2.2051e-03	8.7970e-08	-6.3797e-07	-1.5486e-07
2007	2.0237e-03	1.5554e-05	-2.2315e-03	-3.0134e-08	2.3592e-07	-3.8433e-08
2008	2.0248e-03	3.1249e-06	-2.0979e-03	-1.2700e-07	-1.4969e-06	3.3849e-08
2009	2.0128e-03	8.5855e-06	-2.1673e-03	2.2946e-07	1.2600e-06	5.8295e-08
2010	1.9634e-03	1.6496e-05	-1.9992e-03	2.3050e-07	2.5389e-06	6.6167e-08
2011	1.8466e-03	7.4690e-06	-1.6569e-03	2.9871e-07	3.9314e-06	2.0271e-07

2012 1.6027e-03 9.0818e-06 -1.2822e-03 2.2122e-07 4.6565e-06 1.4994e-07
2013 1.3148e-03 5.2873e-06 -8.6496e-04 1.1702e-07 4.9594e-06 1.6856e-07
2014 1.9560e-03 -6.1548e-07 -1.7337e-03 -2.2844e-07 3.9484e-06 -1.8931e-07
2015 9.9146e-04 -9.6257e-07 -4.8502e-04 1.0247e-07 4.9365e-06 1.5097e-07
2016 3.0381e-03 -7.5095e-06 -1.6224e-04 -2.1368e-07 -6.8625e-06 1.0455e-07
2017 2.6832e-03 -1.0032e-05 -7.7567e-04 -1.3945e-07 -6.3930e-06 5.7810e-08
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2020 2.1928e-03 -4.8749e-06 -2.1028e-03 -5.1063e-08 -2.8034e-06 7.8766e-08
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2025 2.0241e-03 -6.5945e-06 -2.2092e-03 -1.0553e-07 -6.3860e-07 1.3624e-07
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2029 1.7180e-03 7.5924e-06 -1.3684e-03 1.3685e-07 4.6592e-06 9.0768e-08
2030 1.4290e-03 5.2072e-06 -9.5210e-04 7.8416e-08 5.1144e-06 1.1709e-07
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2073 2.4276e-03 -2.2274e-06 -1.2322e-03 -2.7018e-08 -4.7933e-06 1.3400e-09
2074 2.4512e-03 -1.4969e-06 -1.2862e-03 6.3911e-09 -5.2077e-06 -2.6052e-09
2075 2.2154e-03 -3.3460e-06 -1.9670e-03 -4.8469e-09 -2.7958e-06 1.8145e-08
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2078 2.1996e-03 -5.3948e-06 -2.2846e-03 2.3006e-08 -1.7303e-06 1.3391e-08
2079 2.0323e-03 9.1635e-06 -1.5727e-03 1.6368e-07 -3.4168e-06 -4.3918e-08
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2081 2.1858e-03 -4.9530e-06 -2.3215e-03 1.9192e-08 -6.8207e-07 -9.4850e-09
2082 2.1981e-03 -5.7490e-06 -2.4022e-03 1.6668e-09 -5.6752e-07 1.9351e-08
2083 2.1869e-03 -3.9018e-06 -2.3362e-03 1.9447e-08 4.1047e-07 -1.4371e-08

2084	2.1982e-03	-8.3986e-06	-2.4025e-03	3.7589e-08	5.4754e-07	-3.3713e-09
2085	1.9654e-03	-1.6058e-05	-1.9996e-03	-2.8153e-07	2.5442e-06	-1.2173e-07
2086	1.8488e-03	-1.5965e-06	-1.6578e-03	-3.6454e-07	3.9257e-06	-2.8592e-07
2087	2.1678e-03	-1.5391e-06	-2.2407e-03	3.3128e-09	1.5071e-06	-2.2696e-08
2088	2.1768e-03	-4.1264e-06	-2.2931e-03	-3.2826e-08	1.6533e-06	-3.9777e-08
2089	2.1066e-03	5.1526e-07	-2.0405e-03	-6.7222e-09	2.5855e-06	-2.3929e-08
2090	2.1117e-03	-2.9146e-06	-2.0790e-03	-4.6995e-08	2.7598e-06	-4.1571e-08
2091	1.9985e-03	2.8677e-06	-1.7300e-03	-1.7027e-08	3.6247e-06	-3.0768e-08
2092	1.9963e-03	1.6476e-06	-1.7459e-03	-7.3779e-08	3.8308e-06	-7.4401e-08
2093	1.7747e-03	4.3509e-06	-1.3905e-03	-2.6201e-08	4.4445e-06	-3.2785e-08
2094	1.7616e-03	3.3209e-06	-1.3890e-03	-7.7697e-08	4.6042e-06	-7.2402e-08
2095	1.4941e-03	5.2419e-06	-9.8823e-04	-3.6307e-08	5.0893e-06	-3.1775e-08
2096	1.4736e-03	5.2624e-06	-9.7529e-04	-7.5606e-08	5.1616e-06	-8.2430e-08
2097	2.8317e-03	2.2794e-06	-1.4301e-04	2.9345e-07	-6.6515e-06	-1.0483e-07
2098	2.4866e-03	3.4398e-06	-7.3959e-04	1.5078e-07	-6.1047e-06	-9.0738e-08
2099	1.1470e-03	4.7552e-06	-5.8444e-04	-4.5737e-08	5.5209e-06	-2.2071e-08
2100	1.1256e-03	6.0419e-06	-5.6965e-04	-1.0449e-07	5.4915e-06	-6.9523e-08
2101	3.0639e-03	-1.6808e-07	-1.6032e-04	1.4989e-07	-6.8263e-06	-4.6164e-08
2102	2.7109e-03	-3.2326e-07	-7.7035e-04	7.9017e-08	-6.3674e-06	-4.9208e-08
2103	2.2990e-03	-1.6928e-06	-1.7642e-03	3.5589e-08	-4.0660e-06	-5.3261e-09
2104	2.4463e-03	-5.4626e-07	-1.3200e-03	5.1911e-08	-5.3239e-06	-1.0910e-08
2105	2.2201e-03	-1.5039e-06	-2.1005e-03	9.3789e-10	-2.8358e-06	4.6221e-09
2106	2.1933e-03	-2.8942e-06	-2.3190e-03	-7.3400e-09	-1.6641e-06	1.7720e-08
2107	1.9373e-03	7.4294e-06	-2.0525e-03	-5.2181e-08	-1.2556e-06	2.6543e-08
2108	2.1918e-03	-6.5323e-06	-2.4274e-03	-1.9981e-08	-4.7458e-07	8.3317e-08
2109	2.1910e-03	-1.5770e-05	-2.4169e-03	8.6195e-08	6.4747e-07	1.0771e-08
2110	2.2356e-03	1.0857e-06	-1.2612e-03	1.1872e-07	-4.8456e-06	-1.4159e-08
2111	2.1675e-03	-7.1395e-06	-2.2973e-03	-8.2618e-08	1.7406e-06	-7.3457e-08
2112	2.1001e-03	-7.4009e-06	-2.0752e-03	-9.9364e-08	2.8176e-06	-5.8481e-08
2113	1.9834e-03	1.8223e-07	-1.7385e-03	-1.4139e-07	3.8463e-06	-1.3092e-07
2114	1.7491e-03	2.0105e-06	-1.3822e-03	-1.1107e-07	4.5860e-06	-1.0172e-07
2115	1.4632e-03	5.2233e-06	-9.7140e-04	-7.3050e-08	5.1171e-06	-9.5460e-08
2116	2.1573e-03	1.9512e-06	-1.1984e-03	3.8843e-07	-4.2043e-06	-1.3664e-07
2117	1.1189e-03	7.7568e-06	-5.7008e-04	-4.5477e-08	5.4298e-06	-7.5944e-08
2118	3.0377e-03	8.8280e-07	-1.6223e-04	2.0290e-07	-6.8624e-06	-6.6543e-08
2119	2.6827e-03	1.0724e-06	-7.7566e-04	1.0612e-07	-6.3931e-06	-6.4847e-08
2120	2.2704e-03	-1.4157e-06	-1.7698e-03	4.8165e-08	-4.0462e-06	-8.0686e-09
2121	2.4173e-03	9.7781e-08	-1.3271e-03	7.6907e-08	-5.3257e-06	-1.1304e-08
2122	2.1922e-03	-7.7716e-07	-2.1030e-03	-2.7882e-09	-2.8069e-06	-9.5062e-09
2123	2.1659e-03	-4.5883e-07	-2.3182e-03	-4.7493e-08	-1.6386e-06	1.9579e-08
2124	2.0178e-03	-8.6317e-08	0.0000e+00	0.0000e+00	0.0000e+00	-4.9213e-11
2125	2.1643e-03	-6.7672e-06	-2.4242e-03	-5.1326e-08	-4.6426e-07	1.3208e-07

SPOSTAMENTI NODALI "G2" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-7.3806e-03	8.2899e-06	-1.7251e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-7.3074e-03	-7.2612e-07	-2.3027e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-8.1381e-03	-4.8421e-06	-2.5978e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-8.1445e-03	4.7238e-06	-2.6247e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-7.9220e-03	-2.7221e-06	-2.6136e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-8.1428e-03	1.1136e-08	-2.6568e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-7.9157e-03	2.7139e-06	-2.6114e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-8.1461e-03	-4.6939e-06	-2.6243e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-8.1249e-03	4.8460e-06	-2.5938e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-7.3190e-03	7.1291e-07	-2.3069e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-7.3730e-03	-8.2323e-06	-1.7242e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-5.0088e-03	6.2602e-06	3.4292e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-6.7059e-03	-1.2194e-07	6.5307e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-6.6484e-03	-4.5356e-06	6.8764e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-6.6234e-03	4.7541e-06	6.8796e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-6.6210e-03	-2.1049e-06	6.8629e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-6.4547e-03	-2.8334e-09	6.8488e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-6.6211e-03	2.0991e-06	6.8618e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-6.6237e-03	-4.7589e-06	6.8754e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-6.6482e-03	4.5311e-06	6.8737e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-6.7062e-03	1.1637e-07	6.5280e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-5.0098e-03	-6.2678e-06	3.4503e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.9357e-03	5.9874e-06	5.0372e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-6.1851e-03	-7.8374e-07	8.2752e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-6.8734e-03	-4.1729e-06	1.0614e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-6.8615e-03	4.2088e-06	1.0746e-05	0.0000e+00

27	0.0000e+00	0.0000e+00	-6.5464e-03	-1.6647e-06	9.6079e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-6.4151e-03	2.3142e-10	5.7094e-06	0.0000e+00
29	0.0000e+00	0.0000e+00	-6.5459e-03	1.6630e-06	9.6046e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-6.8613e-03	-4.2082e-06	1.0742e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-6.8727e-03	4.1674e-06	1.0611e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-6.1907e-03	7.7398e-07	8.2954e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-5.9455e-03	-6.0104e-06	5.0602e-06	0.0000e+00
34	4.8271e-03	1.2461e-05	-8.8242e-03	-4.0133e-06	1.0987e-04	7.2382e-09
35	4.8271e-03	1.5616e-05	-6.4066e-03	-4.6566e-06	-3.6125e-05	7.2382e-09
36	4.8271e-03	1.7817e-05	-6.9998e-03	-3.4342e-06	-1.8313e-05	7.2382e-09
37	4.8242e-03	1.2461e-05	-9.7565e-03	-7.0794e-07	2.0907e-04	7.2382e-09
38	4.8210e-03	1.2461e-05	-1.0386e-02	1.3072e-06	1.8668e-04	7.2382e-09
39	4.8190e-03	1.2461e-05	-1.0400e-02	-1.6393e-06	1.8636e-04	7.2382e-09
40	4.8158e-03	1.2461e-05	-1.0376e-02	9.7204e-07	2.0102e-04	7.2382e-09
41	4.8133e-03	1.2461e-05	-1.0365e-02	-1.4367e-08	1.8297e-04	7.2382e-09
42	4.8107e-03	1.2461e-05	-1.0367e-02	-1.0153e-06	2.0102e-04	7.2382e-09
43	4.8075e-03	1.2461e-05	-1.0407e-02	1.6191e-06	1.8633e-04	7.2382e-09
44	4.8055e-03	1.2461e-05	-1.0363e-02	-1.3342e-06	1.8668e-04	7.2382e-09
45	4.8023e-03	1.2461e-05	-9.7750e-03	6.6211e-07	2.0902e-04	7.2382e-09
46	4.7994e-03	1.2461e-05	-8.8138e-03	3.9682e-06	1.0984e-04	7.2382e-09
47	4.8242e-03	1.5616e-05	-9.5706e-03	-1.5056e-06	-7.3046e-05	7.2382e-09
48	4.8210e-03	1.5616e-05	-9.1292e-03	1.7419e-06	-6.4336e-05	7.2382e-09
49	4.8190e-03	1.5616e-05	-9.1038e-03	-1.7274e-06	-6.4251e-05	7.2382e-09
50	4.8158e-03	1.5616e-05	-9.3329e-03	1.0361e-06	-7.0010e-05	7.2382e-09
51	4.8133e-03	1.5616e-05	-8.8674e-03	-2.5166e-08	-6.3729e-05	7.2382e-09
52	4.8107e-03	1.5616e-05	-9.3329e-03	-1.0924e-06	-7.0005e-05	7.2382e-09
53	4.8075e-03	1.5616e-05	-9.1041e-03	1.6780e-06	-6.4261e-05	7.2382e-09
54	4.8055e-03	1.5616e-05	-9.1290e-03	-1.7927e-06	-6.4327e-05	7.2382e-09
55	4.8023e-03	1.5616e-05	-9.5711e-03	1.4472e-06	-7.3059e-05	7.2382e-09
56	4.7994e-03	1.5616e-05	-6.4078e-03	4.5809e-06	-3.6115e-05	7.2382e-09
57	4.8242e-03	1.7817e-05	-8.0360e-03	-7.9027e-07	-5.0179e-05	7.2382e-09
58	4.8210e-03	1.7817e-05	-8.5586e-03	1.2200e-06	-4.1822e-05	7.2382e-09
59	4.8190e-03	1.7817e-05	-8.5484e-03	-1.4334e-06	-4.1709e-05	7.2382e-09
60	4.8158e-03	1.7817e-05	-8.4000e-03	9.9954e-07	-4.6398e-05	7.2382e-09
61	4.8133e-03	1.7817e-05	-8.0615e-03	-3.0985e-08	-4.0181e-05	7.2382e-09
62	4.8107e-03	1.7817e-05	-8.3991e-03	-1.0679e-06	-4.6408e-05	7.2382e-09
63	4.8075e-03	1.7817e-05	-8.5485e-03	1.3710e-06	-4.1723e-05	7.2382e-09
64	4.8055e-03	1.7817e-05	-8.5573e-03	-1.2860e-06	-4.1849e-05	7.2382e-09
65	4.8023e-03	1.7817e-05	-8.0444e-03	7.1250e-07	-5.0190e-05	7.2382e-09
66	4.7994e-03	1.7817e-05	-7.0128e-03	3.3337e-06	-1.8329e-05	7.2382e-09
67	0.0000e+00	0.0000e+00	-8.0357e-03	7.8084e-06	-1.2238e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-8.1775e-03	-9.3205e-07	-1.6694e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	-9.1389e-03	-5.4531e-06	-1.9195e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	-9.1578e-03	5.2527e-06	-1.9472e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	-8.9239e-03	-3.0189e-06	-1.9273e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-9.1720e-03	1.2657e-08	-1.9843e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.9167e-03	3.0107e-06	-1.9251e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-9.1590e-03	-5.2201e-06	-1.9462e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-9.1240e-03	5.4566e-06	-1.9159e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-8.1909e-03	9.1724e-07	-1.6732e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-8.0282e-03	-7.7513e-06	-1.2252e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	9.4243e-04	6.8139e-06	3.1789e-05	0.0000e+00
1895	0.0000e+00	0.0000e+00	-1.1193e-03	3.8241e-07	1.2379e-05	0.0000e+00
1896	0.0000e+00	0.0000e+00	-7.2234e-04	4.5922e-07	1.3602e-05	0.0000e+00
1897	0.0000e+00	0.0000e+00	-6.4590e-04	-9.4635e-07	1.4777e-05	0.0000e+00
1898	0.0000e+00	0.0000e+00	-7.0103e-04	3.3546e-07	1.4040e-05	0.0000e+00
1899	0.0000e+00	0.0000e+00	-5.5454e-04	-1.9395e-08	1.6682e-05	0.0000e+00
1900	0.0000e+00	0.0000e+00	-6.8854e-04	-3.1338e-07	1.4279e-05	0.0000e+00
1901	0.0000e+00	0.0000e+00	-6.5484e-04	8.7736e-07	1.4774e-05	0.0000e+00
1902	0.0000e+00	0.0000e+00	-6.9339e-04	-4.8224e-07	1.4038e-05	0.0000e+00
1903	0.0000e+00	0.0000e+00	-1.1426e-03	-3.5918e-07	1.1963e-05	0.0000e+00
1904	0.0000e+00	0.0000e+00	9.5082e-04	-6.8749e-06	3.1559e-05	0.0000e+00
1905	0.0000e+00	0.0000e+00	-1.6173e-03	-7.6551e-06	-1.8451e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-5.2556e-04	-9.5801e-08	-1.1433e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	-4.9720e-04	5.9852e-07	-8.2600e-06	0.0000e+00
1908	0.0000e+00	0.0000e+00	-4.8065e-04	-7.3992e-07	-8.0835e-06	0.0000e+00
1909	0.0000e+00	0.0000e+00	-5.1848e-04	1.1417e-06	-1.0618e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	-1.0095e-03	-1.0452e-09	-1.5736e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	-5.1784e-04	-1.1408e-06	-1.0610e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	-4.8112e-04	7.3638e-07	-8.0620e-06	0.0000e+00
1913	0.0000e+00	0.0000e+00	-4.9607e-04	-5.9696e-07	-8.2256e-06	0.0000e+00
1914	0.0000e+00	0.0000e+00	-5.3235e-04	1.0150e-07	-1.1366e-05	0.0000e+00

1915 0.0000e+00 0.0000e+00 -1.6385e-03 7.7501e-06 -1.8329e-05 0.0000e+00
1916 2.2368e-02 -1.3969e-03 -1.7473e-02 1.5070e-05 -2.7983e-05 1.7525e-05
1917 7.7349e-02 -2.3606e-03 -2.1573e-01 3.2295e-05 1.4864e-04 6.0866e-06
1918 7.3770e-02 -3.9465e-03 -1.7772e-01 5.0333e-05 4.8225e-04 8.4196e-07
1919 1.1718e-01 -2.5114e-03 -1.2885e-01 5.9571e-05 -9.5355e-04 -5.4572e-06
1920 5.9976e-02 -1.0625e-03 -1.0914e-01 -3.5323e-06 6.3738e-04 -1.8890e-05
1921 3.7326e-02 -1.2612e-03 -3.5377e-02 -1.4008e-05 4.9107e-04 -4.3136e-07
1922 2.8903e-02 -1.1982e-03 -1.1888e-02 -2.2654e-05 9.4883e-05 -7.2820e-06
1923 3.3307e-02 -2.0001e-03 -1.9528e-02 -1.5025e-05 -2.9295e-05 -3.0369e-06
1924 3.7440e-02 -1.8885e-03 -2.6217e-02 5.6987e-07 1.7225e-05 -1.3995e-05
1925 8.5187e-02 -2.8550e-03 -2.4925e-01 4.3454e-05 6.7887e-04 1.0455e-06
1926 3.3020e-02 -2.1423e-04 -2.1618e-02 -1.0592e-05 1.3667e-04 -2.5299e-05
1927 1.2901e-01 -4.4475e-03 -6.5564e-03 -9.7468e-05 5.2695e-05 1.1523e-07
1928 1.5244e-01 -4.4817e-03 -1.1548e-02 -1.2284e-04 1.1454e-04 1.1907e-05
1929 1.6080e-01 -2.6624e-03 -9.3976e-03 -8.4012e-05 9.1737e-05 8.0370e-06
1930 1.6173e-01 -1.5311e-03 -9.3835e-03 -6.2576e-05 9.1767e-05 6.1847e-06
1931 1.7247e-01 2.1564e-04 -1.0579e-02 -3.2697e-05 1.0571e-04 4.0364e-06
1932 1.6068e-01 1.5912e-03 -9.9320e-03 -1.0525e-05 9.3952e-05 2.6528e-06
1933 1.7195e-01 2.9606e-03 -1.0579e-02 1.0874e-05 1.0568e-04 1.5221e-06
1934 1.6241e-01 4.6836e-03 -9.3852e-03 3.7959e-05 9.1817e-05 1.9342e-07
1935 1.5969e-01 5.7886e-03 -9.3961e-03 5.6054e-05 9.1673e-05 -6.3161e-07
1936 1.5406e-01 7.5471e-03 -1.1262e-02 8.6632e-05 1.1097e-04 -1.9069e-06
1937 1.2962e-01 9.1801e-03 -6.2656e-03 1.4217e-04 4.9280e-05 -1.5743e-05
1938 2.9644e-02 -2.5374e-04 -1.2307e-02 -4.2868e-05 3.3274e-04 5.3758e-07
1939 1.2881e-01 1.2805e-04 -9.2450e-03 -1.5126e-05 -4.1484e-04 3.8674e-06
1940 1.8068e-02 2.5622e-04 -1.4434e-02 -6.4406e-06 5.1831e-04 1.8949e-05
1941 2.4383e-02 3.9852e-05 -1.5076e-02 -5.5262e-06 4.9587e-04 1.6277e-05
1942 2.5082e-02 -6.4961e-05 -1.5119e-02 -4.4270e-06 4.9485e-04 1.4997e-05
1943 2.4354e-02 -1.9738e-04 -1.5445e-02 -2.1084e-06 5.4492e-04 1.3535e-05
1944 2.7586e-02 -2.7920e-04 -1.5084e-02 5.4760e-07 4.7551e-04 1.2736e-05
1945 2.3994e-02 -3.6142e-04 -1.5419e-02 3.1843e-06 5.4546e-04 1.2195e-05
1946 2.5517e-02 -4.5950e-04 -1.5148e-02 7.3752e-06 4.9413e-04 1.1933e-05
1947 2.3458e-02 -5.3134e-04 -1.5011e-02 1.0375e-05 4.9773e-04 1.2009e-05
1948 1.8458e-02 -6.5808e-04 -1.4482e-02 1.6517e-05 5.1870e-04 1.2698e-05
1949 2.9379e-02 -1.2843e-03 -1.2284e-02 -1.6117e-05 3.3308e-04 -5.9521e-06
1950 1.5550e-01 -6.1576e-05 -1.1444e-02 -6.2880e-05 -5.9395e-04 1.8234e-05
1951 1.6165e-01 -1.4429e-05 -1.1841e-02 -3.8511e-05 -5.8717e-04 1.5970e-05
1952 1.6258e-01 3.7292e-05 -1.1832e-02 -2.5475e-05 -5.8781e-04 1.4641e-05
1953 1.7416e-01 1.4448e-04 -1.1999e-02 -8.3058e-06 -6.3882e-04 1.2991e-05
1954 1.6215e-01 2.4648e-04 -1.1266e-02 3.9020e-06 -5.7146e-04 1.1951e-05
1955 1.7363e-01 3.6561e-04 -1.1997e-02 1.4968e-05 -6.3848e-04 1.1424e-05
1956 1.6326e-01 5.3880e-04 -1.1834e-02 2.8319e-05 -5.8829e-04 1.1213e-05
1957 1.6054e-01 6.7096e-04 -1.1837e-02 3.6581e-05 -5.8650e-04 1.1682e-05
1958 1.5653e-01 9.2121e-04 -1.1462e-02 4.9097e-05 -5.9484e-04 1.3674e-05
1959 1.2882e-01 1.2477e-03 -9.2687e-03 1.1336e-04 -4.1580e-04 -9.2645e-07
1960 1.3285e-01 4.4023e-03 -1.6817e-03 1.2632e-04 3.0185e-05 -3.7207e-05
1961 1.6148e-01 4.1366e-03 -1.0632e-03 7.8955e-05 6.8377e-05 -1.2262e-05
1962 1.6589e-01 3.5340e-03 -8.5572e-04 5.1573e-05 5.5110e-05 -6.6751e-06
1963 1.6862e-01 3.1130e-03 -8.3632e-04 3.5220e-05 5.5258e-05 -3.5007e-06
1964 1.7898e-01 2.4127e-03 -9.1162e-04 1.0575e-05 6.5590e-05 1.1183e-06
1965 1.6692e-01 1.8479e-03 -1.3492e-03 -8.9428e-06 5.8399e-05 4.7872e-06
1966 1.7950e-01 1.2933e-03 -9.1043e-04 -2.9153e-05 6.5621e-05 8.8167e-06
1967 1.6794e-01 6.3334e-04 -8.3755e-04 -5.6269e-05 5.5208e-05 1.4692e-05
1968 1.6701e-01 2.5978e-04 -8.5354e-04 -7.5577e-05 5.5172e-05 1.9414e-05
1969 1.6015e-01 -2.2529e-04 -1.0768e-03 -1.1020e-04 7.0671e-05 2.8881e-05
1970 1.3253e-01 -4.6620e-04 -1.7103e-03 -8.9825e-05 3.2351e-05 1.0424e-05
1971 4.3690e-03 8.2727e-04 9.6370e-04 -6.6526e-06 3.6759e-05 1.9526e-08
1972 1.0209e-03 3.3015e-05 -1.1879e-03 -2.2198e-07 7.1552e-06 1.7944e-08
1973 1.7099e-03 5.1338e-05 -7.1398e-04 -3.8376e-07 1.3859e-05 1.4213e-08
1974 1.8238e-03 -1.1363e-04 -6.7435e-04 9.4820e-07 1.4844e-05 1.1225e-08
1975 1.6755e-03 3.4948e-05 -7.1399e-04 -2.6816e-07 1.3417e-05 8.8925e-09
1976 2.1662e-03 8.4856e-07 -5.6857e-04 7.5863e-10 1.7902e-05 6.4199e-09
1977 1.6331e-03 -4.0662e-05 -7.2709e-04 3.2964e-07 1.3039e-05 3.8809e-09
1978 1.8420e-03 1.1931e-04 -6.6459e-04 -9.8004e-07 1.5037e-05 1.7316e-09
1979 1.6224e-03 -5.1034e-05 -7.4448e-04 3.9468e-07 1.3061e-05 -1.1642e-09
1980 1.0967e-03 -3.7755e-05 -1.1635e-03 2.7167e-07 7.8340e-06 -4.5237e-09
1981 4.3960e-03 -8.2836e-04 9.5515e-04 6.6947e-06 3.6975e-05 -1.3867e-08
1982 3.2981e-02 -4.1872e-03 -2.1597e-02 3.2869e-05 1.3697e-04 2.3387e-05
1983 6.6348e-02 -6.5554e-04 -1.5302e-01 1.6028e-05 9.0122e-04 -1.3777e-05
1984 3.7480e-02 -3.4668e-03 -2.6232e-02 -1.0612e-06 1.7636e-05 -7.7705e-08
1985 3.3357e-02 -3.9779e-03 -1.9492e-02 -1.4707e-05 -2.8143e-05 1.0841e-06
1986 2.9198e-02 -1.3787e-03 -1.2115e-02 -4.4901e-05 9.5318e-05 6.0837e-06

1987	1.3331e-01	5.4195e-04	-5.4735e-04	-8.3263e-05	1.5249e-05	2.0189e-05
1988	1.3438e-01	9.4979e-04	1.5284e-03	-3.8988e-05	-1.3382e-04	3.1128e-05
1989	1.0146e-01	1.8924e-03	-9.0320e-02	-3.1636e-05	-6.6324e-04	1.1344e-05
1990	1.2555e-01	1.7241e-04	-1.7435e-02	-1.6416e-05	-4.6918e-04	-2.6055e-06
1991	8.4120e-02	4.4077e-04	-1.6351e-01	-9.8727e-07	-5.5048e-04	-1.4921e-05
1992	7.8197e-02	4.1922e-03	-2.1021e-01	-6.4984e-05	-2.4693e-04	-4.3240e-06
1993	2.8183e-02	-1.9332e-03	-2.5526e-02	2.2659e-05	2.7204e-06	8.4966e-06
1994	7.7751e-02	1.8904e-03	-2.1591e-01	-2.3728e-05	1.4866e-04	1.6629e-06
1995	7.4193e-02	4.0857e-03	-1.7790e-01	-6.9178e-05	4.8250e-04	-1.3029e-05
1996	9.2827e-02	-2.2131e-03	-2.3416e-01	3.4732e-05	-7.8676e-04	1.8125e-06
1997	6.0349e-02	1.6528e-03	-1.0929e-01	-4.4560e-05	6.3824e-04	1.3743e-05
1998	3.7591e-02	2.4556e-04	-3.5329e-02	-4.1919e-05	4.9128e-04	-1.5833e-06
1999	1.6109e-01	6.0273e-04	2.5133e-04	-1.0213e-04	3.7795e-05	4.7620e-05
2000	1.6260e-01	-7.7669e-04	2.9337e-03	-5.9116e-05	-1.8540e-04	3.9369e-05
2001	1.1624e-01	-4.0144e-04	-1.2915e-01	-3.6883e-05	-9.5232e-04	1.3693e-05
2002	1.5075e-01	4.4040e-05	-2.3559e-02	-6.0443e-05	-6.7352e-04	1.9410e-05
2003	9.2122e-02	1.6690e-04	-2.3398e-01	-3.1512e-05	-7.8463e-04	-1.3342e-05
2004	8.4415e-02	2.3588e-03	-3.0005e-01	-5.0856e-05	-3.4966e-04	-1.9410e-06
2005	3.4807e-02	-2.7263e-04	-4.8530e-02	1.0037e-05	7.1161e-04	8.2608e-06
2006	8.4688e-02	1.6277e-03	-3.0810e-01	-2.2201e-05	2.1291e-04	-1.0166e-05
2007	8.0496e-02	3.8780e-03	-2.5380e-01	-5.2982e-05	6.8915e-04	-8.6444e-06
2008	8.5002e-02	-3.9217e-03	-3.0020e-01	5.9832e-05	-3.5149e-04	-4.5227e-06
2009	6.1659e-02	1.5483e-03	-1.5603e-01	-1.3900e-05	9.1932e-04	1.5044e-05
2010	2.9713e-02	9.0704e-04	-4.9130e-02	-8.1932e-06	7.3353e-04	8.9060e-06
2011	1.6066e-02	-1.3304e-03	-8.6070e-03	4.0831e-07	1.7688e-04	2.6404e-05
2012	2.1595e-02	-3.0850e-03	-1.6936e-02	1.3806e-05	-2.5515e-05	2.0493e-05
2013	2.7334e-02	-3.3500e-03	-2.4914e-02	1.8711e-05	2.5973e-06	1.8511e-05
2014	2.1795e-02	-1.1590e-03	-1.0663e-02	1.2505e-05	1.6378e-04	1.4556e-05
2015	2.4278e-02	-3.6654e-03	-2.0902e-02	3.3722e-05	1.1079e-04	2.3406e-05
2016	1.6791e-01	8.3937e-04	4.9612e-04	-7.0203e-05	2.6726e-05	3.1981e-05
2017	1.6924e-01	-9.4414e-05	3.0970e-03	-3.9836e-05	-1.8837e-04	2.9447e-05
2018	1.2294e-01	-5.9828e-04	-1.2701e-01	-2.0551e-05	-9.3734e-04	8.6916e-06
2019	1.5698e-01	-1.0649e-05	-2.3638e-02	-3.6624e-05	-6.6441e-04	1.6385e-05
2020	9.8791e-02	-2.1386e-04	-2.3040e-01	-1.8530e-05	-7.7367e-04	-7.0202e-06
2021	9.0849e-02	9.4293e-04	-2.9551e-01	-2.5923e-05	-3.4429e-04	-3.7206e-06
2022	2.5080e-02	-1.6952e-04	-2.1431e-02	3.8987e-06	1.1392e-04	-1.5721e-05
2023	9.0756e-02	1.1438e-03	-3.0332e-01	-1.6052e-05	2.1071e-04	-1.1656e-05
2024	8.6260e-02	2.7611e-03	-2.4972e-01	-3.6455e-05	6.7947e-04	-6.4520e-06
2025	8.5214e-02	-2.1983e-03	-3.0864e-01	2.7412e-05	2.1139e-04	-6.1771e-07
2026	6.7367e-02	1.2881e-03	-1.5331e-01	-1.2309e-05	9.0253e-04	9.8425e-06
2027	3.5745e-02	6.1543e-04	-4.8613e-02	-7.3679e-06	7.1123e-04	8.9361e-06
2028	2.2836e-02	-1.2849e-03	-1.1104e-02	3.0701e-07	1.6038e-04	2.2059e-05
2029	2.8461e-02	-2.8032e-03	-2.0114e-02	1.1636e-05	-3.1167e-05	1.8943e-05
2030	3.4235e-02	-3.1638e-03	-2.8644e-02	1.8405e-05	7.9308e-06	1.6499e-05
2031	2.7209e-02	-1.6670e-03	-1.9310e-02	1.2313e-05	-2.8784e-05	1.5761e-05
2032	3.0305e-02	-3.1351e-03	-2.4084e-02	2.8875e-05	1.3497e-04	1.6626e-05
2033	1.6885e-01	1.0591e-03	5.1596e-04	-5.2292e-05	2.6753e-05	2.4128e-05
2034	1.7019e-01	2.7592e-04	3.1244e-03	-2.8769e-05	-1.8857e-04	2.4027e-05
2035	1.2384e-01	-7.3700e-04	-1.2712e-01	-1.0801e-05	-9.3849e-04	6.5655e-06
2036	1.5791e-01	-1.1727e-05	-2.3640e-02	-2.3822e-05	-6.6514e-04	1.4812e-05
2037	9.9655e-02	-4.7159e-04	-2.3064e-01	-1.0375e-05	-7.7490e-04	-5.2712e-06
2038	9.1698e-02	3.2620e-04	-2.9588e-01	-1.4409e-05	-3.4525e-04	-4.3204e-06
2039	1.3358e-01	3.5657e-03	-5.3698e-04	1.1636e-04	1.3991e-05	-6.1037e-05
2040	9.1595e-02	7.7199e-04	-3.0378e-01	-1.0920e-05	2.1054e-04	-1.0632e-05
2041	8.7087e-02	2.0405e-03	-2.5014e-01	-2.5962e-05	6.8038e-04	-5.4564e-06
2042	8.0970e-02	-3.4835e-03	-2.5438e-01	5.4517e-05	6.8966e-04	3.0735e-06
2043	6.8146e-02	1.0656e-03	-1.5355e-01	-9.8321e-06	9.0389e-04	6.7658e-06
2044	3.6457e-02	4.6223e-04	-4.8681e-02	-6.1016e-06	7.1130e-04	8.7260e-06
2045	2.3611e-02	-1.2590e-03	-1.1397e-02	6.9550e-07	1.5820e-04	2.0037e-05
2046	2.9377e-02	-2.6412e-03	-2.0649e-02	1.0524e-05	-3.2741e-05	1.7885e-05
2047	3.5210e-02	-3.0240e-03	-2.9293e-02	1.7730e-05	8.5596e-06	1.4738e-05
2048	3.2894e-02	-2.0644e-03	-2.7672e-02	1.9476e-05	7.0424e-06	8.0437e-06
2049	3.1140e-02	-2.8147e-03	-2.4594e-02	2.4877e-05	1.3855e-04	1.2470e-05
2050	1.8058e-01	1.4828e-03	6.8135e-04	-2.7051e-05	3.4424e-05	1.4246e-05
2051	1.8230e-01	7.8907e-04	3.9847e-03	-1.3090e-05	-2.0144e-04	1.6697e-05
2052	1.3190e-01	-9.7785e-04	-1.3776e-01	3.0320e-06	-1.0233e-03	4.3299e-06
2053	1.6907e-01	2.5239e-05	-2.4872e-02	-6.9130e-06	-7.2354e-04	1.3082e-05
2054	1.0552e-01	-8.8341e-04	-2.5070e-01	9.7392e-07	-8.4474e-04	-3.7251e-06
2055	9.6846e-02	-4.7706e-04	-3.2179e-01	-9.6640e-08	-3.7545e-04	-4.9135e-06
2056	1.3468e-01	5.2537e-03	1.7939e-03	7.6873e-05	-1.3480e-04	-2.7231e-05
2057	9.6739e-02	1.2538e-04	-3.3022e-01	-3.1366e-06	2.3099e-04	-6.6130e-06
2058	9.1810e-02	7.0977e-04	-2.7154e-01	-7.6547e-06	7.4225e-04	-3.8158e-06

2059 6.2115e-02 -9.1824e-04 -1.5640e-01 2.2062e-05 9.2072e-04 -1.5379e-05
2060 7.1228e-02 6.5406e-04 -1.6634e-01 -4.7896e-06 9.8525e-04 6.4187e-07
2061 3.6761e-02 2.5984e-04 -5.2109e-02 -3.4995e-06 7.7840e-04 8.3831e-06
2062 2.2495e-02 -1.2230e-03 -1.0546e-02 2.0969e-06 1.7978e-04 1.7774e-05
2063 2.8403e-02 -2.4058e-03 -1.9954e-02 1.0103e-05 -3.2053e-05 1.6799e-05
2064 3.4698e-02 -2.7843e-03 -2.9179e-02 1.7722e-05 4.9724e-06 1.2973e-05
2065 2.9169e-02 -7.2935e-04 -2.3313e-02 7.6949e-06 1.2979e-04 -9.1778e-06
2066 3.0892e-02 -2.3278e-03 -2.4698e-02 2.1438e-05 1.3654e-04 7.6618e-06
2067 1.6789e-01 1.8521e-03 9.1022e-05 -8.2051e-06 3.0662e-05 7.4041e-06
2068 1.8005e-01 2.2327e-03 6.7784e-04 9.9568e-06 3.4398e-05 1.0812e-06
2069 1.6944e-01 1.1718e-03 3.0682e-03 -1.4028e-06 -1.8029e-04 1.1341e-05
2070 1.8176e-01 1.5479e-03 3.9764e-03 9.5458e-06 -2.0133e-04 6.2765e-06
2071 1.2438e-01 -1.1911e-03 -1.2366e-01 1.3642e-05 -9.1627e-04 3.1153e-06
2072 1.3139e-01 -1.4282e-03 -1.3769e-01 2.3854e-05 -1.0226e-03 1.5225e-06
2073 1.5760e-01 7.5537e-05 -2.2759e-02 5.1636e-06 -6.4722e-04 1.2129e-05
2074 1.6854e-01 1.4226e-04 -2.4864e-02 1.6185e-05 -7.2314e-04 1.1835e-05
2075 1.0074e-01 -1.2014e-03 -2.2485e-01 9.4864e-06 -7.5871e-04 -4.2714e-06
2076 1.0503e-01 -1.5073e-03 -2.5056e-01 1.6885e-05 -8.4399e-04 -2.1173e-06
2077 9.2932e-02 -8.9711e-04 -2.8887e-01 7.7302e-06 -3.4067e-04 -4.5836e-06
2078 9.6370e-02 -1.6779e-03 -3.2157e-01 2.0802e-05 -3.7476e-04 -4.9058e-06
2079 1.0139e-01 -4.7066e-04 -9.0042e-02 7.7979e-05 -6.6376e-04 -1.1727e-05
2080 8.3833e-02 -2.2295e-03 -1.6358e-01 7.3953e-05 -5.5084e-04 7.0449e-06
2081 9.2783e-02 -3.9438e-04 -2.9711e-01 3.9242e-06 2.0264e-04 -4.5191e-06
2082 9.6282e-02 -9.1154e-04 -3.2991e-01 9.9853e-06 2.3108e-04 -2.1690e-06
2083 8.8361e-02 1.8901e-05 -2.4495e-01 1.6277e-06 6.6406e-04 -3.4677e-06
2084 9.1375e-02 -1.0700e-03 -2.7128e-01 1.7164e-05 7.4158e-04 -1.6855e-06
2085 3.0146e-02 -4.4143e-04 -4.9353e-02 1.5914e-05 7.3467e-04 9.4685e-06
2086 1.6492e-02 -1.1692e-03 -8.6835e-03 1.8989e-05 1.7491e-04 1.4539e-05
2087 6.9764e-02 3.1324e-04 -1.5042e-01 4.9754e-08 8.8341e-04 -1.4354e-06
2088 7.0822e-02 -3.1738e-05 -1.6619e-01 5.2838e-06 9.8442e-04 -6.4793e-06
2089 3.8691e-02 1.1575e-04 -4.7781e-02 -3.9227e-07 6.9071e-04 7.7949e-06
2090 3.6394e-02 -1.4388e-05 -5.2069e-02 2.5343e-06 7.7832e-04 7.7438e-06
2091 2.6520e-02 -1.1980e-03 -1.2644e-02 3.9671e-06 1.4336e-04 1.6684e-05
2092 2.2093e-02 -1.1784e-03 -1.0383e-02 5.9736e-06 1.8097e-04 1.5656e-05
2093 3.2778e-02 -2.2265e-03 -2.2764e-02 1.0181e-05 -3.9023e-05 1.6132e-05
2094 2.7924e-02 -2.0495e-03 -1.9656e-02 1.0339e-05 -3.1173e-05 1.5530e-05
2095 3.8706e-02 -2.5894e-03 -3.1669e-02 1.7627e-05 1.1596e-05 1.1390e-05
2096 3.4185e-02 -2.3999e-03 -2.8817e-02 1.7621e-05 4.6495e-06 9.8402e-06
2097 1.6237e-01 3.3337e-03 2.4215e-04 7.2786e-05 3.6438e-05 -2.2477e-05
2098 1.6389e-01 2.9440e-03 3.1755e-03 4.3161e-05 -1.8630e-04 -1.1761e-05
2099 3.4069e-02 -1.9452e-03 -2.6422e-02 1.7917e-05 1.5170e-04 3.7213e-06
2100 3.0454e-02 -1.5598e-03 -2.4410e-02 1.4348e-05 1.3460e-04 -3.1992e-07
2101 1.6953e-01 2.7009e-03 5.2059e-04 3.2813e-05 2.6795e-05 -6.9470e-06
2102 1.7087e-01 2.0329e-03 3.1365e-03 2.2865e-05 -1.8871e-04 -1.4175e-07
2103 1.2448e-01 -1.7707e-03 -1.2721e-01 3.6991e-05 -9.3940e-04 -1.1357e-07
2104 1.5858e-01 2.4655e-04 -2.3649e-02 2.9557e-05 -6.6568e-04 1.2030e-05
2105 1.0028e-01 -1.8479e-03 -2.3084e-01 2.5609e-05 -7.7595e-04 -2.8770e-06
2106 9.2306e-02 -2.2085e-03 -2.9619e-01 3.0726e-05 -3.4623e-04 -4.6664e-06
2107 7.7815e-02 -3.5522e-03 -2.1001e-01 7.0418e-05 -2.4630e-04 -7.6939e-06
2108 9.2171e-02 -1.5045e-03 -3.0422e-01 1.7733e-05 2.1044e-04 1.7970e-06
2109 8.7627e-02 -2.1461e-03 -2.5049e-01 3.2310e-05 6.8136e-04 -4.5357e-07
2110 1.5175e-01 4.8280e-04 -2.3580e-02 5.0743e-05 -6.7405e-04 1.5620e-05
2111 6.8647e-02 -4.3560e-04 -1.5375e-01 1.1800e-05 9.0507e-04 -1.0755e-05
2112 3.6903e-02 -1.7151e-04 -4.8730e-02 6.9881e-06 7.1143e-04 7.7733e-06
2113 2.4104e-02 -1.1619e-03 -1.1611e-02 9.6836e-06 1.5658e-04 1.4970e-05
2114 2.9976e-02 -1.8220e-03 -2.1048e-02 1.1645e-05 -3.3965e-05 1.5612e-05
2115 3.5858e-02 -2.1809e-03 -2.9784e-02 1.8862e-05 8.9527e-06 8.9288e-06
2116 1.2554e-01 6.6194e-04 -1.7466e-02 1.1114e-04 -4.6975e-04 -6.7619e-06
2117 3.1689e-02 -1.0620e-03 -2.4989e-02 1.1347e-05 1.4113e-04 -5.0376e-06
2118 1.6680e-01 2.9721e-03 4.8947e-04 4.7859e-05 2.6675e-05 -1.2527e-05
2119 1.6813e-01 2.3657e-03 3.0811e-03 3.1012e-05 -1.8817e-04 -4.4586e-06
2120 1.2187e-01 -2.0269e-03 -1.2689e-01 4.5670e-05 -9.3616e-04 -1.8501e-06
2121 1.5587e-01 3.2756e-04 -2.3623e-02 3.7926e-05 -6.6365e-04 1.2865e-05
2122 9.7757e-02 -2.0262e-03 -2.3013e-01 3.0249e-05 -7.7250e-04 -1.5013e-06
2123 8.9829e-02 -2.8104e-03 -2.9512e-01 4.1449e-05 -3.4356e-04 -4.8046e-06
2124 4.8133e-03 1.5158e-05 0.0000e+00 0.0000e+00 0.0000e+00 7.2382e-09
2125 8.9712e-02 -1.8254e-03 -3.0290e-01 2.2157e-05 2.1100e-04 2.6570e-06

SPOSTAMENTI NODALI "G1" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-4.9894e-02	7.2749e-05	-1.0044e-04	0.0000e+00

2	0.0000e+00	0.0000e+00	-4.0241e-02	2.5831e-07	-1.4788e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	-4.3532e-02	-1.7509e-05	-1.5970e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	-4.3541e-02	1.6799e-05	-1.6033e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	-4.2295e-02	-7.9917e-06	-1.5745e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	-4.2537e-02	4.9224e-09	-1.5617e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	-4.2293e-02	7.9848e-06	-1.5744e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	-4.3544e-02	-1.6784e-05	-1.6034e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	-4.3525e-02	1.7522e-05	-1.5967e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	-4.0239e-02	-2.6181e-07	-1.4787e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.9884e-02	-7.2712e-05	-1.0040e-04	0.0000e+00
12	0.0000e+00	0.0000e+00	-3.6999e-02	9.9770e-05	1.9501e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	-2.8693e-02	3.1057e-07	3.0176e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	-2.9569e-02	-2.0735e-05	3.1007e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	-2.9357e-02	2.1604e-05	3.0976e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	-2.9080e-02	-8.8985e-06	3.0590e-05	0.0000e+00
17	0.0000e+00	0.0000e+00	-2.7544e-02	-2.6411e-09	3.0127e-05	0.0000e+00
18	0.0000e+00	0.0000e+00	-2.9080e-02	8.8925e-06	3.0588e-05	0.0000e+00
19	0.0000e+00	0.0000e+00	-2.9357e-02	-2.1608e-05	3.0975e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.9568e-02	2.0731e-05	3.1004e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-2.8694e-02	-3.1570e-07	3.0186e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.6998e-02	-9.9775e-05	1.9520e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-4.4185e-02	6.5368e-05	4.0150e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.5185e-02	5.3050e-07	7.7597e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-3.7906e-02	-1.4848e-05	8.4471e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.7909e-02	1.4380e-05	8.5204e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.6608e-02	-5.3484e-06	8.1758e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-3.6168e-02	2.9983e-09	6.8371e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-3.6606e-02	5.3439e-06	8.1752e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	-3.7911e-02	-1.4377e-05	8.5211e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-3.7906e-02	1.4835e-05	8.4480e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-3.5204e-02	-5.4605e-07	7.7680e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-4.4202e-02	-6.5397e-05	4.0263e-05	0.0000e+00
34	1.5522e-02	1.5660e-05	-5.4114e-02	-9.6986e-05	4.0853e-04	1.7715e-09
35	1.5522e-02	1.6433e-05	-4.3352e-02	-1.0507e-04	-1.3526e-04	1.7715e-09
36	1.5522e-02	1.6971e-05	-4.7337e-02	-9.5154e-05	-7.0618e-05	1.7715e-09
37	1.5521e-02	1.5660e-05	-4.7140e-02	-4.6055e-06	6.8183e-04	1.7715e-09
38	1.5520e-02	1.5660e-05	-4.9640e-02	5.2236e-05	6.2135e-04	1.7715e-09
39	1.5520e-02	1.5660e-05	-4.9607e-02	-5.5060e-05	6.1279e-04	1.7715e-09
40	1.5519e-02	1.5660e-05	-4.8884e-02	3.5150e-05	6.5712e-04	1.7715e-09
41	1.5518e-02	1.5660e-05	-4.8063e-02	-2.2705e-08	5.4739e-04	1.7715e-09
42	1.5518e-02	1.5660e-05	-4.8879e-02	-3.5206e-05	6.5713e-04	1.7715e-09
43	1.5517e-02	1.5660e-05	-4.9613e-02	5.5021e-05	6.1278e-04	1.7715e-09
44	1.5516e-02	1.5660e-05	-4.9628e-02	-5.2274e-05	6.2135e-04	1.7715e-09
45	1.5516e-02	1.5660e-05	-4.7137e-02	4.5516e-06	6.8182e-04	1.7715e-09
46	1.5515e-02	1.5660e-05	-5.4101e-02	9.6909e-05	4.0852e-04	1.7715e-09
47	1.5521e-02	1.6433e-05	-3.9698e-02	-4.6653e-06	-2.3477e-04	1.7715e-09
48	1.5520e-02	1.6433e-05	-3.9307e-02	5.4353e-05	-2.1108e-04	1.7715e-09
49	1.5520e-02	1.6433e-05	-3.8990e-02	-5.6434e-05	-2.0782e-04	1.7715e-09
50	1.5519e-02	1.6433e-05	-3.9549e-02	3.6533e-05	-2.2528e-04	1.7715e-09
51	1.5518e-02	1.6433e-05	-3.6115e-02	-2.6611e-08	-1.8474e-04	1.7715e-09
52	1.5518e-02	1.6433e-05	-3.9549e-02	-3.6592e-05	-2.2528e-04	1.7715e-09
53	1.5517e-02	1.6433e-05	-3.8990e-02	5.6382e-05	-2.0782e-04	1.7715e-09
54	1.5516e-02	1.6433e-05	-3.9307e-02	-5.4407e-05	-2.1107e-04	1.7715e-09
55	1.5516e-02	1.6433e-05	-3.9699e-02	4.6050e-06	-2.3472e-04	1.7715e-09
56	1.5515e-02	1.6433e-05	-4.3352e-02	1.0499e-04	-1.3523e-04	1.7715e-09
57	1.5521e-02	1.6971e-05	-4.0262e-02	-4.5409e-06	-1.5708e-04	1.7715e-09
58	1.5520e-02	1.6971e-05	-4.2380e-02	5.1779e-05	-1.3452e-04	1.7715e-09
59	1.5520e-02	1.6971e-05	-4.2359e-02	-5.4395e-05	-1.3163e-04	1.7715e-09
60	1.5519e-02	1.6971e-05	-4.1444e-02	3.4862e-05	-1.4694e-04	1.7715e-09
61	1.5518e-02	1.6971e-05	-4.0277e-02	-2.8754e-08	-1.0861e-04	1.7715e-09
62	1.5518e-02	1.6971e-05	-4.1441e-02	-3.4929e-05	-1.4695e-04	1.7715e-09
63	1.5517e-02	1.6971e-05	-4.2363e-02	5.4338e-05	-1.3163e-04	1.7715e-09
64	1.5516e-02	1.6971e-05	-4.2377e-02	-5.1845e-05	-1.3453e-04	1.7715e-09
65	1.5516e-02	1.6971e-05	-4.0292e-02	4.4673e-06	-1.5704e-04	1.7715e-09
66	1.5515e-02	1.6971e-05	-4.7353e-02	9.5077e-05	-7.0613e-05	1.7715e-09
67	0.0000e+00	0.0000e+00	-5.4404e-02	7.0660e-05	-1.0055e-04	0.0000e+00
68	0.0000e+00	0.0000e+00	-4.6549e-02	-1.0301e-06	-1.3605e-04	0.0000e+00
69	0.0000e+00	0.0000e+00	-5.0376e-02	-1.9702e-05	-1.4698e-04	0.0000e+00
70	0.0000e+00	0.0000e+00	-5.0418e-02	1.8705e-05	-1.4769e-04	0.0000e+00
71	0.0000e+00	0.0000e+00	-4.9027e-02	-8.7515e-06	-1.4470e-04	0.0000e+00
72	0.0000e+00	0.0000e+00	-4.9266e-02	5.6744e-09	-1.4492e-04	0.0000e+00
73	0.0000e+00	0.0000e+00	-4.9024e-02	8.7446e-06	-1.4469e-04	0.0000e+00

74	0.0000e+00	0.0000e+00	-5.0421e-02	-1.8688e-05	-1.4769e-04	0.0000e+00
75	0.0000e+00	0.0000e+00	-5.0368e-02	1.9716e-05	-1.4695e-04	0.0000e+00
76	0.0000e+00	0.0000e+00	-4.6547e-02	1.0276e-06	-1.3606e-04	0.0000e+00
77	0.0000e+00	0.0000e+00	-5.4392e-02	-7.0602e-05	-1.0049e-04	0.0000e+00
1894	0.0000e+00	0.0000e+00	-3.2395e-02	-7.5754e-05	1.3235e-04	0.0000e+00
1895	0.0000e+00	0.0000e+00	-2.0886e-02	-4.9181e-07	1.1220e-04	0.0000e+00
1896	0.0000e+00	0.0000e+00	-2.2629e-02	8.5529e-06	1.1418e-04	0.0000e+00
1897	0.0000e+00	0.0000e+00	-2.2570e-02	-8.5954e-06	1.1480e-04	0.0000e+00
1898	0.0000e+00	0.0000e+00	-2.1862e-02	4.1949e-06	1.1272e-04	0.0000e+00
1899	0.0000e+00	0.0000e+00	-2.2319e-02	-1.2512e-08	1.1513e-04	0.0000e+00
1900	0.0000e+00	0.0000e+00	-2.1854e-02	-4.1745e-06	1.1285e-04	0.0000e+00
1901	0.0000e+00	0.0000e+00	-2.2583e-02	8.5637e-06	1.1470e-04	0.0000e+00
1902	0.0000e+00	0.0000e+00	-2.2613e-02	-8.6151e-06	1.1447e-04	0.0000e+00
1903	0.0000e+00	0.0000e+00	-2.0847e-02	5.3448e-07	1.1216e-04	0.0000e+00
1904	0.0000e+00	0.0000e+00	-3.2544e-02	7.6618e-05	1.3185e-04	0.0000e+00
1905	0.0000e+00	0.0000e+00	-2.7876e-02	-6.3950e-05	-8.4744e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	-1.6008e-02	-1.3266e-06	-5.1908e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	-1.6833e-02	1.7021e-06	-3.6415e-05	0.0000e+00
1908	0.0000e+00	0.0000e+00	-1.6799e-02	-1.6887e-06	-3.4718e-05	0.0000e+00
1909	0.0000e+00	0.0000e+00	-1.6998e-02	5.0805e-06	-4.4067e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	-1.9781e-02	-2.6504e-09	-6.4401e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	-1.6996e-02	-5.0778e-06	-4.4103e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	-1.6799e-02	1.6709e-06	-3.4813e-05	0.0000e+00
1913	0.0000e+00	0.0000e+00	-1.6830e-02	-1.6565e-06	-3.6567e-05	0.0000e+00
1914	0.0000e+00	0.0000e+00	-1.6086e-02	1.3079e-06	-5.2206e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	-2.7709e-02	6.2946e-05	-8.5281e-05	0.0000e+00
1916	4.3237e-02	-1.4254e-03	-4.6566e-02	1.9220e-05	2.2843e-05	2.3075e-05
1917	9.8159e-02	-1.0222e-03	-2.6276e-01	3.2612e-05	1.4777e-04	5.8151e-07
1918	9.4757e-02	-1.4760e-03	-2.2477e-01	4.2802e-05	4.8500e-04	8.1786e-07
1919	1.3227e-01	-1.5123e-03	-1.5043e-01	3.7710e-05	-8.7018e-04	-2.3024e-06
1920	8.1010e-02	4.4535e-05	-1.5565e-01	2.3088e-05	6.4496e-04	-4.8935e-06
1921	5.8267e-02	5.0419e-05	-8.1059e-02	2.1999e-05	5.0692e-04	1.3773e-05
1922	4.9089e-02	-8.7967e-04	-5.5028e-02	2.7144e-05	1.1889e-04	2.1382e-05
1923	5.2363e-02	-1.4017e-03	-6.0729e-02	3.6809e-05	-2.4553e-06	3.4595e-05
1924	5.4791e-02	-2.3862e-03	-6.4795e-02	4.9782e-05	4.6707e-05	4.6607e-05
1925	1.0133e-01	-1.0255e-03	-2.5745e-01	2.3200e-05	5.8571e-04	-1.2930e-06
1926	4.8559e-02	-1.7614e-03	-5.7931e-02	8.1206e-05	1.6534e-04	3.2092e-05
1927	1.6371e-01	-1.2117e-03	-2.6255e-02	-4.6527e-05	-5.1710e-05	1.4402e-06
1928	1.8047e-01	-1.2306e-03	-1.7553e-02	-5.9094e-05	-2.8237e-05	7.2843e-06
1929	1.8468e-01	-3.8700e-04	-1.6111e-02	-4.0374e-05	-5.4281e-05	4.9112e-06
1930	1.8478e-01	1.3575e-04	-1.6071e-02	-3.0451e-05	-5.4459e-05	3.9195e-06
1931	1.8945e-01	9.4027e-04	-1.7196e-02	-1.6620e-05	-4.1449e-05	2.5975e-06
1932	1.7934e-01	1.5721e-03	-2.0508e-02	-6.6261e-06	-2.8229e-05	1.8342e-06
1933	1.8901e-01	2.1995e-03	-1.7195e-02	2.9464e-06	-4.1520e-05	1.2090e-06
1934	1.8553e-01	2.9873e-03	-1.6077e-02	1.5287e-05	-5.4316e-05	3.1533e-07
1935	1.8385e-01	3.4919e-03	-1.6107e-02	2.3449e-05	-5.4436e-05	-1.4162e-07
1936	1.8267e-01	4.2942e-03	-1.6458e-02	3.7872e-05	-4.0182e-05	-1.1644e-06
1937	1.6327e-01	5.0397e-03	-2.7232e-02	6.5329e-05	-4.2063e-05	-8.8990e-06
1938	5.0650e-02	-2.9185e-04	-5.7549e-02	-4.0281e-05	3.4878e-04	-2.3141e-07
1939	1.5075e-01	6.2091e-05	-4.9581e-02	-5.3849e-06	-4.6427e-04	5.8973e-06
1940	4.2890e-02	-1.2044e-04	-5.1131e-02	-2.1003e-05	4.9137e-04	7.9959e-06
1941	4.8125e-02	-1.7016e-04	-5.3533e-02	-1.3869e-05	4.5684e-04	9.5996e-06
1942	4.8245e-02	-1.6965e-04	-5.3513e-02	-1.1905e-05	4.5749e-04	9.6635e-06
1943	4.7700e-02	-1.8270e-04	-5.2967e-02	-6.4196e-06	4.8321e-04	1.0778e-05
1944	4.9142e-02	-1.6581e-04	-5.1989e-02	-3.0394e-06	4.3976e-04	1.1245e-05
1945	4.7441e-02	-1.4851e-04	-5.2954e-02	8.8656e-08	4.8407e-04	1.1776e-05
1946	4.8713e-02	-1.3764e-04	-5.3535e-02	5.7808e-06	4.5585e-04	1.3241e-05
1947	4.7513e-02	-1.1362e-04	-5.3501e-02	7.8398e-06	4.5887e-04	1.3677e-05
1948	4.3803e-02	-1.0369e-04	-5.1125e-02	1.5359e-05	4.8355e-04	1.6146e-05
1949	5.0214e-02	-2.3834e-04	-5.7527e-02	2.3700e-05	3.5293e-04	1.7026e-05
1950	1.6711e-01	-2.6112e-05	-4.3123e-02	-2.8892e-05	-5.8072e-04	1.3356e-05
1951	1.6883e-01	1.4228e-05	-4.5084e-02	-1.5296e-05	-5.6820e-04	1.1684e-05
1952	1.6891e-01	6.9143e-05	-4.5057e-02	-8.7769e-06	-5.6720e-04	1.1320e-05
1953	1.7483e-01	1.5095e-04	-4.4316e-02	4.2767e-07	-5.9154e-04	1.0235e-05
1954	1.6739e-01	2.3685e-04	-4.2954e-02	6.4645e-06	-5.4231e-04	9.9825e-06
1955	1.7439e-01	3.3236e-04	-4.4309e-02	1.1884e-05	-5.9061e-04	1.0066e-05
1956	1.6967e-01	4.5092e-04	-4.5068e-02	1.9106e-05	-5.6880e-04	9.9333e-06
1957	1.6799e-01	5.5032e-04	-4.5074e-02	2.3152e-05	-5.6659e-04	1.0726e-05
1958	1.6828e-01	7.0214e-04	-4.3185e-02	3.0675e-05	-5.8389e-04	1.1745e-05
1959	1.5084e-01	8.6445e-04	-4.9595e-02	6.6067e-05	-4.6566e-04	2.6723e-06
1960	1.6248e-01	2.9489e-03	-2.8164e-02	5.7757e-05	-5.7184e-05	-1.9187e-05
1961	1.8257e-01	2.8288e-03	-1.6480e-02	3.4279e-05	-6.4613e-05	-6.0106e-06

1962	1.8294e-01	2.5428e-03	-1.7231e-02	2.1531e-05	-7.5765e-05	-2.7298e-06
1963	1.8463e-01	2.3391e-03	-1.7194e-02	1.4256e-05	-7.5644e-05	-1.0746e-06
1964	1.8877e-01	1.9976e-03	-1.7410e-02	3.1388e-06	-6.4662e-05	1.4686e-06
1965	1.7952e-01	1.7208e-03	-2.0157e-02	-5.5055e-06	-4.9012e-05	3.3457e-06
1966	1.8921e-01	1.4489e-03	-1.7406e-02	-1.4538e-05	-6.4591e-05	5.4056e-06
1967	1.8387e-01	1.1264e-03	-1.7197e-02	-2.7010e-05	-7.5788e-05	8.5607e-06
1968	1.8378e-01	9.4484e-04	-1.7226e-02	-3.5882e-05	-7.5616e-05	1.0971e-05
1969	1.8111e-01	7.1316e-04	-1.6614e-02	-5.2491e-05	-5.5934e-05	1.6139e-05
1970	1.6240e-01	5.9345e-04	-2.7955e-02	-4.2315e-05	-6.4728e-05	7.1214e-06
1971	1.6544e-02	-9.4004e-03	-3.2606e-02	7.6325e-05	1.3533e-04	-4.6906e-08
1972	1.3491e-02	-6.8377e-05	-2.0944e-02	5.6646e-07	1.0891e-04	2.9452e-09
1973	1.4072e-02	1.0543e-03	-2.2694e-02	-8.5490e-06	1.1439e-04	9.5738e-09
1974	1.4105e-02	-1.0525e-03	-2.2664e-02	8.5532e-06	1.1467e-04	-6.6981e-10
1975	1.3833e-02	5.0999e-04	-2.1938e-02	-4.1310e-06	1.1234e-04	8.1009e-09
1976	1.4238e-02	-4.0907e-07	-2.2396e-02	1.2391e-08	1.1595e-04	6.1386e-09
1977	1.3808e-02	-5.1637e-04	-2.1947e-02	4.2009e-06	1.1211e-04	4.1091e-09
1978	1.4134e-02	1.0525e-03	-2.2650e-02	-8.5354e-06	1.1495e-04	1.2908e-08
1979	1.4015e-02	-1.0505e-03	-2.2711e-02	8.5362e-06	1.1387e-04	2.6666e-09
1980	1.3494e-02	5.9331e-05	-2.0984e-02	-4.7518e-07	1.0893e-04	9.2409e-09
1981	1.6617e-02	9.2905e-03	-3.2455e-02	-7.5416e-05	1.3596e-04	5.5966e-08
1982	4.9580e-02	-1.9619e-03	-5.8997e-02	-5.2550e-05	1.6942e-04	-2.8825e-05
1983	8.4986e-02	2.0682e-04	-1.7400e-01	8.9672e-06	7.8643e-04	-6.8764e-06
1984	5.5795e-02	-2.5037e-03	-6.5853e-02	-2.6593e-05	4.5642e-05	-3.5659e-05
1985	5.3148e-02	-3.1294e-03	-6.1485e-02	-3.2171e-05	-6.0446e-06	-1.3008e-05
1986	4.9643e-02	-1.2309e-03	-5.5411e-02	-4.1516e-05	1.1443e-04	1.2179e-06
1987	1.6179e-01	1.0099e-03	-2.8820e-02	-3.9023e-05	-7.7527e-05	1.2814e-05
1988	1.5853e-01	7.6899e-04	-3.4230e-02	-1.6639e-05	-2.0392e-04	1.8378e-05
1989	1.2216e-01	3.6066e-04	-1.3445e-01	-1.0650e-05	-6.8995e-04	6.8865e-06
1990	1.4731e-01	1.8558e-05	-5.8242e-02	-5.6413e-06	-5.1601e-04	3.0697e-06
1991	1.0460e-01	-2.6881e-04	-2.0911e-01	6.1651e-07	-5.6301e-04	-1.0966e-05
1992	9.8709e-02	2.0064e-03	-2.5649e-01	-3.6997e-05	-2.5171e-04	-5.1036e-06
1993	4.5508e-02	-2.3530e-03	-4.9697e-02	2.4440e-05	4.7105e-05	2.2329e-05
1994	9.8440e-02	1.0991e-03	-2.6217e-01	-1.9528e-05	1.4796e-04	-2.0105e-06
1995	9.5061e-02	2.4798e-03	-2.2423e-01	-4.7626e-05	4.8397e-04	-9.9012e-06
1996	1.1034e-01	-1.5006e-03	-2.4482e-01	2.6165e-05	-7.0915e-04	-9.6843e-07
1997	8.1336e-02	1.2325e-03	-1.5527e-01	-3.8529e-05	6.4285e-04	4.8633e-06
1998	5.8653e-02	1.6570e-04	-8.0924e-02	-3.9228e-05	5.0339e-04	-1.7180e-06
1999	1.8040e-01	1.0457e-03	-1.7664e-02	-4.8526e-05	-7.8715e-05	2.6159e-05
2000	1.7652e-01	-4.6188e-05	-2.4217e-02	-2.6928e-05	-2.4980e-04	2.2683e-05
2001	1.3133e-01	-8.1324e-04	-1.4995e-01	-1.2789e-05	-8.6568e-04	7.7906e-06
2002	1.6276e-01	-4.0512e-05	-5.4145e-02	-2.7287e-05	-6.4613e-04	1.4328e-05
2003	1.0962e-01	-4.0635e-04	-2.4364e-01	-1.4769e-05	-7.0724e-04	-9.5927e-06
2004	1.0254e-01	9.8603e-04	-3.0319e-01	-2.8356e-05	-3.2036e-04	-4.0044e-06
2005	5.7441e-02	2.3150e-04	-8.2795e-02	6.7984e-06	6.3591e-04	9.2937e-06
2006	1.0263e-01	9.6060e-04	-3.1132e-01	-1.9060e-05	1.7871e-04	-8.0868e-06
2007	9.8892e-02	2.3003e-03	-2.6460e-01	-3.8638e-05	6.0656e-04	-7.6547e-06
2008	1.0320e-01	-2.1675e-03	-3.0430e-01	3.7278e-05	-3.1526e-04	-5.7805e-06
2009	8.2043e-02	1.1793e-03	-1.7773e-01	-2.4302e-05	8.2131e-04	5.5816e-06
2010	5.3393e-02	3.7479e-04	-8.2299e-02	-2.1791e-05	6.7263e-04	3.6964e-06
2011	3.9884e-02	-1.2105e-03	-4.2572e-02	-1.8366e-05	2.0264e-04	1.2310e-05
2012	4.1654e-02	-2.8790e-03	-4.5342e-02	-3.1672e-06	2.8396e-05	5.9573e-06
2013	4.3681e-02	-2.5282e-03	-4.8117e-02	6.3333e-06	4.7324e-05	-3.1554e-06
2014	4.5017e-02	-9.1058e-04	-4.6708e-02	1.1353e-05	1.8214e-04	1.6815e-05
2015	3.8501e-02	-1.9311e-03	-4.1795e-02	1.1494e-05	1.3640e-04	-4.7592e-07
2016	1.8289e-01	1.1736e-03	-1.8505e-02	-3.3168e-05	-9.4185e-05	1.7807e-05
2017	1.7860e-01	3.5883e-04	-2.5650e-02	-1.7039e-05	-2.5345e-04	1.7760e-05
2018	1.3419e-01	-8.3587e-04	-1.4807e-01	-3.7638e-06	-8.3873e-04	5.0341e-06
2019	1.6461e-01	-4.8673e-05	-5.5719e-02	-1.4027e-05	-6.3011e-04	1.2048e-05
2020	1.1294e-01	-5.9011e-04	-2.3903e-01	-6.0566e-06	-6.8440e-04	-6.1211e-06
2021	1.0593e-01	2.5021e-04	-2.9647e-01	-1.3030e-05	-3.0604e-04	-5.0812e-06
2022	4.0179e-02	-1.8302e-03	-4.3206e-02	2.1937e-05	1.4373e-04	8.0789e-06
2023	1.0584e-01	7.1320e-04	-3.0353e-01	-1.2711e-05	1.7876e-04	-9.0037e-06
2024	1.0198e-01	1.7541e-03	-2.5754e-01	-2.6428e-05	5.8763e-04	-5.9896e-06
2025	1.0327e-01	-9.5013e-04	-3.1123e-01	1.8863e-05	1.8796e-04	-3.1287e-06
2026	8.5599e-02	1.0591e-03	-1.7398e-01	-1.7857e-05	7.8690e-04	3.9156e-06
2027	5.8043e-02	3.0915e-04	-8.2783e-02	-1.5118e-05	6.3470e-04	5.8429e-06
2028	4.5717e-02	-1.1718e-03	-4.7017e-02	-1.0666e-05	1.7945e-04	1.3414e-05
2029	4.7888e-02	-2.6121e-03	-5.0707e-02	2.8150e-06	1.9291e-05	1.0373e-05
2030	5.0166e-02	-2.5226e-03	-5.4190e-02	1.2741e-05	5.1466e-05	4.5020e-06
2031	4.7039e-02	-1.6389e-03	-5.0145e-02	1.2363e-05	2.0964e-05	1.8165e-05
2032	4.4110e-02	-1.9080e-03	-4.7167e-02	2.0467e-05	1.5991e-04	3.6975e-06
2033	1.8298e-01	1.2909e-03	-1.8485e-02	-2.4970e-05	-9.4337e-05	1.3832e-05

2034 1.7868e-01 5.8388e-04 -2.5650e-02 -1.1998e-05 -2.5320e-04 1.5208e-05
2035 1.3435e-01 -8.6461e-04 -1.4783e-01 9.2172e-07 -8.3724e-04 4.0212e-06
2036 1.6471e-01 -2.8890e-05 -5.5672e-02 -7.5795e-06 -6.2897e-04 1.1453e-05
2037 1.1313e-01 -7.1154e-04 -2.3862e-01 -1.4377e-06 -6.8378e-04 -5.0835e-06
2038 1.0613e-01 -5.5765e-05 -2.9603e-01 -6.5969e-06 -3.0749e-04 -5.4321e-06
2039 1.6194e-01 2.6204e-03 -2.8899e-02 5.3319e-05 -7.1454e-05 -3.0912e-05
2040 1.0603e-01 5.2541e-04 -3.0348e-01 -9.2189e-06 1.7602e-04 -8.3714e-06
2041 1.0219e-01 1.3837e-03 -2.5783e-01 -1.9850e-05 5.8641e-04 -5.3472e-06
2042 9.9396e-02 -1.3564e-03 -2.6328e-01 3.2067e-05 6.1079e-04 1.4362e-07
2043 8.5799e-02 9.5860e-04 -1.7420e-01 -1.5122e-05 7.8765e-04 2.3952e-06
2044 5.8186e-02 2.8097e-04 -8.2825e-02 -1.3016e-05 6.3573e-04 6.0099e-06
2045 4.5841e-02 -1.1392e-03 -4.7014e-02 -8.8456e-06 1.7950e-04 1.3130e-05
2046 4.8029e-02 -2.4645e-03 -5.0737e-02 6.5741e-07 1.9067e-05 9.3002e-06
2047 5.0324e-02 -2.5017e-03 -5.4252e-02 8.6420e-06 5.1452e-05 1.3881e-06
2048 4.9262e-02 -2.3491e-03 -5.3524e-02 1.7657e-05 5.0808e-05 1.4856e-05
2049 4.4256e-02 -1.9037e-03 -4.7221e-02 7.7511e-06 1.6039e-04 -1.2485e-06
2050 1.8850e-01 1.5163e-03 -1.8426e-02 -1.3357e-05 -8.4608e-05 8.6464e-06
2051 1.8471e-01 9.0253e-04 -2.4698e-02 -4.4505e-06 -2.5538e-04 1.1798e-05
2052 1.3843e-01 -9.2995e-04 -1.5255e-01 8.3798e-06 -8.8195e-04 2.8676e-06
2053 1.7041e-01 2.2235e-05 -5.5469e-02 1.4582e-06 -6.5760e-04 1.0189e-05
2054 1.1603e-01 -9.0247e-04 -2.4844e-01 5.5808e-06 -7.2138e-04 -4.3869e-06
2055 1.0863e-01 -4.3112e-04 -3.0907e-01 1.8250e-06 -3.2325e-04 -5.7859e-06
2056 1.5882e-01 3.5050e-03 -3.3981e-02 3.9330e-05 -2.0317e-04 -9.2935e-06
2057 1.0853e-01 2.0198e-04 -3.1662e-01 -3.1688e-06 1.8799e-04 -6.1394e-06
2058 1.0445e-01 7.2283e-04 -2.6814e-01 -7.9906e-06 6.1945e-04 -4.2654e-06
2059 8.2594e-02 9.8721e-05 -1.7661e-01 1.6051e-05 8.1750e-04 -7.4237e-06
2060 8.7204e-02 7.7594e-04 -1.8004e-01 -8.9942e-06 8.2981e-04 -2.1493e-07
2061 5.8167e-02 2.5031e-04 -8.3863e-02 -7.7364e-06 6.7019e-04 7.2527e-06
2062 4.5094e-02 -1.0833e-03 -4.5859e-02 -3.0793e-06 1.9063e-04 1.4087e-05
2063 4.7350e-02 -2.2546e-03 -4.9654e-02 6.2145e-06 1.9507e-05 1.3168e-05
2064 4.9877e-02 -2.4653e-03 -5.3459e-02 1.4894e-05 4.9697e-05 8.7156e-06
2065 4.3350e-02 -1.8568e-03 -4.6647e-02 1.3016e-05 1.5639e-04 3.9332e-06
2066 4.3939e-02 -1.8903e-03 -4.6534e-02 1.9083e-05 1.5944e-04 4.2074e-06
2067 1.7906e-01 1.7124e-03 -2.0809e-02 -4.9726e-06 -6.7315e-05 5.1888e-06
2068 1.8806e-01 1.9146e-03 -1.8435e-02 3.0191e-06 -8.4664e-05 1.9875e-06
2069 1.7618e-01 1.1457e-03 -2.5519e-02 7.3033e-07 -2.2685e-04 9.4078e-06
2070 1.8426e-01 1.3893e-03 -2.4719e-02 5.4655e-06 -2.5509e-04 7.1996e-06
2071 1.3374e-01 -9.9743e-04 -1.4302e-01 1.3595e-05 -8.1751e-04 2.3375e-06
2072 1.3805e-01 -1.0798e-03 -1.5236e-01 1.8572e-05 -8.8046e-04 1.5419e-06
2073 1.6332e-01 7.7665e-05 -5.3218e-02 7.4591e-06 -6.0437e-04 9.8832e-06
2074 1.6998e-01 1.4152e-04 -5.5444e-02 1.2892e-05 -6.5654e-04 9.9897e-06
2075 1.1292e-01 -1.0493e-03 -2.3217e-01 1.0323e-05 -6.7241e-04 -4.5247e-06
2076 1.1569e-01 -1.1909e-03 -2.4808e-01 1.4376e-05 -7.2032e-04 -2.8554e-06
2077 1.0599e-01 -6.3925e-04 -2.8891e-01 6.4300e-06 -3.0539e-04 -5.5546e-06
2078 1.0831e-01 -1.0889e-03 -3.0861e-01 1.4499e-05 -3.2345e-04 -5.7631e-06
2079 1.2214e-01 -3.9710e-04 -1.3450e-01 5.0615e-05 -6.9199e-04 -6.3610e-06
2080 1.0441e-01 -1.4959e-03 -2.0955e-01 5.2374e-05 -5.6496e-04 2.3746e-07
2081 1.0586e-01 -5.6951e-05 -2.9670e-01 1.4855e-06 1.6945e-04 -5.4846e-06
2082 1.0822e-01 -3.1620e-04 -3.1631e-01 5.4334e-06 1.8646e-04 -4.6630e-06
2083 1.0209e-01 4.4128e-04 -2.5216e-01 -2.8195e-06 5.7350e-04 -4.1050e-06
2084 1.0417e-01 -1.0555e-04 -2.6808e-01 6.4194e-06 6.1807e-04 -3.0207e-06
2085 5.4192e-02 2.4051e-04 -8.1974e-02 1.3920e-05 6.6516e-04 1.1352e-05
2086 4.0988e-02 -8.8377e-04 -4.3090e-02 1.9769e-05 1.9485e-04 1.9303e-05
2087 8.5972e-02 6.2723e-04 -1.7017e-01 -4.7684e-06 7.7105e-04 -6.9504e-07
2088 8.6947e-02 4.7631e-04 -1.8005e-01 -4.4541e-07 8.2943e-04 -3.1864e-06
2089 5.8857e-02 2.3494e-04 -8.0589e-02 -4.1775e-06 6.1787e-04 7.4045e-06
2090 5.7914e-02 2.2867e-04 -8.3872e-02 -9.5401e-07 6.7069e-04 7.8313e-06
2091 4.7152e-02 -1.0358e-03 -4.6769e-02 1.9834e-07 1.6409e-04 1.4610e-05
2092 4.4799e-02 -9.8970e-04 -4.5730e-02 3.2709e-06 1.9176e-04 1.5065e-05
2093 4.9986e-02 -2.1000e-03 -5.1564e-02 7.3551e-06 1.0129e-05 1.4139e-05
2094 4.6992e-02 -1.9510e-03 -4.9419e-02 8.3577e-06 2.0210e-05 1.5017e-05
2095 5.2583e-02 -2.4302e-03 -5.5606e-02 1.5097e-05 5.0653e-05 9.8267e-06
2096 4.9496e-02 -2.3964e-03 -5.3181e-02 1.5203e-05 4.9419e-05 1.0807e-05
2097 1.8176e-01 2.4993e-03 -1.7638e-02 3.1456e-05 -8.5144e-05 -1.0852e-05
2098 1.7782e-01 2.3165e-03 -2.4176e-02 2.0781e-05 -2.5225e-04 -9.3016e-07
2099 4.6236e-02 -1.8844e-03 -4.8333e-02 1.6758e-05 1.6849e-04 3.8689e-06
2100 4.3619e-02 -1.8781e-03 -4.6316e-02 1.4343e-05 1.5795e-04 3.4506e-06
2101 1.8374e-01 2.1635e-03 -1.8471e-02 1.3293e-05 -9.4220e-05 -2.3164e-06
2102 1.7945e-01 1.7077e-03 -2.5614e-02 1.1621e-05 -2.5367e-04 4.3481e-06
2103 1.3499e-01 -1.2088e-03 -1.4816e-01 2.5672e-05 -8.3978e-04 6.4568e-07
2104 1.6545e-01 2.2738e-04 -5.5713e-02 2.0105e-05 -6.3078e-04 9.9197e-06
2105 1.1371e-01 -1.3452e-03 -2.3925e-01 1.9823e-05 -6.8555e-04 -3.2171e-06

2106 1.0669e-01 -1.3463e-03 -2.9680e-01 2.0815e-05 -3.0702e-04 -5.7009e-06
2107 9.8450e-02 -1.8642e-03 -2.5695e-01 4.9115e-05 -2.5261e-04 -7.8251e-06
2108 1.0658e-01 -6.1180e-04 -3.0398e-01 1.1142e-05 1.7865e-04 -2.4967e-06
2109 1.0269e-01 -6.5315e-04 -2.5791e-01 1.6568e-05 5.8866e-04 -2.1440e-06
2110 1.6390e-01 3.8952e-04 -5.4265e-02 3.1928e-05 -6.4950e-04 1.1958e-05
2111 8.6264e-02 3.0100e-04 -1.7418e-01 5.9412e-06 7.8825e-04 -5.1392e-06
2112 5.8643e-02 2.2721e-04 -8.2806e-02 4.5858e-06 6.3476e-04 9.0406e-06
2113 4.6378e-02 -9.3811e-04 -4.7257e-02 9.3302e-06 1.7734e-04 1.6580e-05
2114 4.8686e-02 -1.7629e-03 -5.1182e-02 1.4249e-05 1.7721e-05 1.9086e-05
2115 5.1025e-02 -2.3651e-03 -5.4781e-02 2.1631e-05 5.1966e-05 1.8081e-05
2116 1.4738e-01 4.8850e-04 -5.8276e-02 6.5393e-05 -5.1735e-04 -1.2566e-06
2117 4.4843e-02 -1.8629e-03 -4.7636e-02 2.5723e-05 1.6319e-04 8.9050e-06
2118 1.8205e-01 2.3076e-03 -1.8521e-02 1.9910e-05 -9.4306e-05 -5.2071e-06
2119 1.7774e-01 1.9291e-03 -2.5688e-02 1.4969e-05 -2.5297e-04 2.4564e-06
2120 1.3346e-01 -1.3111e-03 -1.4774e-01 2.9811e-05 -8.3621e-04 -1.9726e-07
2121 1.6379e-01 2.8950e-04 -5.5678e-02 2.4268e-05 -6.2829e-04 1.0786e-05
2122 1.1228e-01 -1.4237e-03 -2.3841e-01 2.2380e-05 -6.8274e-04 -2.4446e-06
2123 1.0529e-01 -1.6396e-03 -2.9571e-01 2.6566e-05 -3.0677e-04 -5.7986e-06
2124 1.5518e-02 1.6321e-05 0.0000e+00 0.0000e+00 0.0000e+00 1.7715e-09
2125 1.0518e-01 -7.7021e-04 -3.0311e-01 1.3912e-05 1.7620e-04 -1.8689e-06

SFORZI "Torcente di piano SLV" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	1.4075e+01	1.3328e-19	-3.1291e-19	5.5171e-04	0.0000e+00	0.0000e+00
	1923	-1.4075e+01	-1.3328e-19	3.1291e-19	-5.5171e-04	0.0000e+00	0.0000e+00
2	1916	-7.1631e+00	0.0000e+00	0.0000e+00	6.3859e-03	0.0000e+00	0.0000e+00
	1921	7.1631e+00	0.0000e+00	0.0000e+00	-6.3859e-03	0.0000e+00	0.0000e+00
3	2085	-4.7813e+01	-2.8147e-19	1.5424e-20	1.3268e-02	0.0000e+00	0.0000e+00
	1918	4.7813e+01	2.8147e-19	-1.5424e-20	-1.3268e-02	0.0000e+00	0.0000e+00
4	2008	-5.5283e+01	4.7369e-19	-5.1665e-19	-3.0321e-03	0.0000e+00	0.0000e+00
	2079	5.5283e+01	-4.7369e-19	5.1665e-19	3.0321e-03	0.0000e+00	0.0000e+00
5	1919	-3.1547e+01	3.8419e-20	-1.9903e-19	-8.3103e-03	0.0000e+00	0.0000e+00
	2056	3.1547e+01	-3.8419e-20	1.9903e-19	8.3103e-03	0.0000e+00	0.0000e+00
6	2098	4.0886e+00	-2.1567e-19	-4.3955e-19	-5.2574e-03	0.0000e+00	0.0000e+00
	1937	-4.0886e+00	2.1567e-19	4.3955e-19	5.2574e-03	0.0000e+00	0.0000e+00
7	2042	2.7024e+01	-4.6411e-19	2.4816e-19	3.1320e-03	0.0000e+00	0.0000e+00
	2107	-2.7024e+01	4.6411e-19	-2.4816e-19	-3.1320e-03	0.0000e+00	0.0000e+00
8	1925	-4.7000e+01	3.6431e-19	-1.1013e-19	-3.6554e-03	0.0000e+00	0.0000e+00
	2008	4.7000e+01	-3.6431e-19	1.1013e-19	3.6554e-03	0.0000e+00	0.0000e+00
9	2109	-1.8731e+01	-1.5132e-19	4.6046e-19	-1.1720e-02	0.0000e+00	0.0000e+00
	2123	1.8731e+01	1.5132e-19	-4.6046e-19	1.1720e-02	0.0000e+00	0.0000e+00
10	2084	-1.4190e+01	3.6780e-19	-1.1728e-19	-5.4655e-03	0.0000e+00	0.0000e+00
	2106	1.4190e+01	-3.6780e-19	1.1728e-19	5.4655e-03	0.0000e+00	0.0000e+00
11	2083	-7.9076e+00	3.2439e-20	5.0725e-20	-9.2847e-03	0.0000e+00	0.0000e+00
	2078	7.9076e+00	-3.2439e-20	-5.0725e-20	9.2847e-03	0.0000e+00	0.0000e+00
12	2058	-7.9471e+00	-5.1828e-21	5.1759e-20	-9.0295e-03	0.0000e+00	0.0000e+00
	2077	7.9471e+00	5.1828e-21	-5.1759e-20	9.0295e-03	0.0000e+00	0.0000e+00
13	2041	-1.4304e+01	3.4211e-19	-1.1526e-19	-4.6933e-03	0.0000e+00	0.0000e+00
	2055	1.4304e+01	-3.4211e-19	1.1526e-19	4.6933e-03	0.0000e+00	0.0000e+00
14	2024	-1.8756e+01	-4.7527e-20	4.8940e-19	-1.0200e-02	0.0000e+00	0.0000e+00
	2038	1.8756e+01	4.7527e-20	-4.8940e-19	1.0200e-02	0.0000e+00	0.0000e+00
15	2007	-4.6415e+01	3.0622e-19	-1.1542e-19	-4.6334e-03	0.0000e+00	0.0000e+00
	2021	4.6415e+01	-3.0622e-19	1.1542e-19	4.6334e-03	0.0000e+00	0.0000e+00
16	1982	1.3749e+01	2.8624e-19	-4.2097e-19	3.2886e-03	0.0000e+00	0.0000e+00
	2012	-1.3749e+01	-2.8624e-19	4.2097e-19	-3.2886e-03	0.0000e+00	0.0000e+00
17	1985	-8.1379e+00	0.0000e+00	0.0000e+00	-9.1854e-04	0.0000e+00	0.0000e+00
	2010	8.1379e+00	0.0000e+00	0.0000e+00	9.1854e-04	0.0000e+00	0.0000e+00
18	1998	-5.4897e+01	-1.8888e-19	-1.3352e-21	1.0665e-02	0.0000e+00	0.0000e+00
	2007	5.4897e+01	1.8888e-19	1.3352e-21	-1.0665e-02	0.0000e+00	0.0000e+00
19	1995	2.6636e+01	-2.7684e-19	2.4389e-19	7.0640e-03	0.0000e+00	0.0000e+00

	2004	-2.6636e+01	2.7684e-19	-2.4389e-19	-7.0640e-03	0.0000e+00	0.0000e+00
20	1992	-4.8528e+01	-9.4978e-20	1.7495e-19	4.5049e-03	0.0000e+00	0.0000e+00
	2001	4.8528e+01	9.4978e-20	-1.7495e-19	-4.5049e-03	0.0000e+00	0.0000e+00
21	1989	-3.1018e+01	8.7571e-20	-1.7246e-19	2.5135e-03	0.0000e+00	0.0000e+00
	2000	3.1018e+01	-8.7571e-20	1.7246e-19	-2.5135e-03	0.0000e+00	0.0000e+00
22	1988	3.7236e+00	9.2465e-20	-1.4290e-19	-2.5843e-03	0.0000e+00	0.0000e+00
	1928	-3.7236e+00	-9.2465e-20	1.4290e-19	2.5843e-03	0.0000e+00	0.0000e+00
643	1905	3.1350e-01	-1.8158e-15	7.6936e-15	-1.9048e+01	0.0000e+00	0.0000e+00
	1960	-3.1350e-01	1.8158e-15	-7.6936e-15	1.9048e+01	0.0000e+00	0.0000e+00
644	1906	-7.5776e+00	1.5466e-15	7.6855e-15	-1.5271e+01	0.0000e+00	0.0000e+00
	1961	7.5776e+00	-1.5466e-15	-7.6855e-15	1.5271e+01	0.0000e+00	0.0000e+00
645	1907	-2.9592e+00	4.9501e-16	7.6820e-15	-1.3895e+01	0.0000e+00	0.0000e+00
	1962	2.9592e+00	-4.9501e-16	-7.6820e-15	1.3895e+01	0.0000e+00	0.0000e+00
646	1908	-2.6317e+00	3.5825e-16	7.6816e-15	-1.3347e+01	0.0000e+00	0.0000e+00
	1963	2.6317e+00	-3.5825e-16	-7.6816e-15	1.3347e+01	0.0000e+00	0.0000e+00
647	1909	-8.2993e-01	1.3619e-16	7.6823e-15	-1.2928e+01	0.0000e+00	0.0000e+00
	1964	8.2993e-01	-1.3619e-16	-7.6823e-15	1.2928e+01	0.0000e+00	0.0000e+00
648	1910	1.0643e-02	-8.9619e-18	7.6827e-15	-1.2861e+01	0.0000e+00	0.0000e+00
	1965	-1.0643e-02	8.9619e-18	-7.6827e-15	1.2861e+01	0.0000e+00	0.0000e+00
649	1911	8.5589e-01	-1.5758e-16	7.6828e-15	-1.3074e+01	0.0000e+00	0.0000e+00
	1966	-8.5589e-01	1.5758e-16	-7.6828e-15	1.3074e+01	0.0000e+00	0.0000e+00
650	1912	2.6732e+00	-3.9098e-16	7.6832e-15	-1.3719e+01	0.0000e+00	0.0000e+00
	1967	-2.6732e+00	3.9098e-16	-7.6832e-15	1.3719e+01	0.0000e+00	0.0000e+00
651	1913	3.0262e+00	-5.4579e-16	7.6847e-15	-1.4477e+01	0.0000e+00	0.0000e+00
	1968	-3.0262e+00	5.4579e-16	-7.6847e-15	1.4477e+01	0.0000e+00	0.0000e+00
652	1914	7.3897e+00	-1.5487e-15	7.6912e-15	-1.6304e+01	0.0000e+00	0.0000e+00
	1969	-7.3897e+00	1.5487e-15	-7.6912e-15	1.6304e+01	0.0000e+00	0.0000e+00
653	1915	4.5090e-01	1.7142e-15	7.6861e-15	-1.3872e+01	0.0000e+00	0.0000e+00
	1970	-4.5090e-01	-1.7142e-15	-7.6861e-15	1.3872e+01	0.0000e+00	0.0000e+00
237	2116	1.0658e+01	-4.3745e+00	5.4878e+00	2.7209e+01	-3.6788e+02	1.1601e+02
	2079	-1.0658e+01	4.3745e+00	-5.4878e+00	-2.7209e+01	-1.8137e+02	-5.5384e+02
238	1959	1.0375e+01	-5.0092e+00	1.9684e+00	4.9762e+00	-3.9535e+02	4.9796e+01
	2116	-1.0375e+01	5.0092e+00	-1.9684e+00	-4.9762e+00	3.6885e+02	-1.1723e+02
239	2110	4.2269e+00	7.8691e+00	3.8018e+00	2.2092e+01	-2.9569e+02	1.2971e+03
	1919	-4.2269e+00	-7.8691e+00	-3.8018e+00	-2.2092e+01	-8.4813e+01	-5.0949e+02
240	1958	4.6937e+00	7.5999e+00	3.1170e+00	4.2218e+00	-3.3845e+02	1.3978e+03
	2110	-4.6937e+00	-7.5999e+00	-3.1170e+00	-4.2218e+00	2.9649e+02	-1.2954e+03
241	2121	4.3835e-01	1.3220e+00	3.3181e+00	2.0079e+01	-2.6563e+02	5.3596e+02
	2120	-4.3835e-01	-1.3220e+00	-3.3181e+00	-2.0079e+01	-6.6468e+01	-4.0365e+02
242	1957	5.1727e-01	1.2932e+00	3.7320e+00	4.0252e+00	-3.1660e+02	5.5383e+02
	2121	-5.1727e-01	-1.2932e+00	-3.7320e+00	-4.0252e+00	2.6636e+02	-5.3642e+02
243	2104	3.7389e-01	1.1276e+00	3.1168e+00	1.9301e+01	-2.5364e+02	4.7608e+02
	2103	-3.7389e-01	-1.1276e+00	-3.1168e+00	-1.9301e+01	-5.8318e+01	-3.6323e+02
244	1956	4.4121e-01	1.1030e+00	3.9806e+00	3.9721e+00	-3.0793e+02	4.9109e+02
	2104	-4.4121e-01	-1.1030e+00	-3.9806e+00	-3.9721e+00	2.5434e+02	-4.7624e+02
245	2074	1.2032e-01	3.6288e-01	2.9461e+00	1.8670e+01	-2.4388e+02	1.5106e+02
	2072	-1.2032e-01	-3.6288e-01	-2.9461e+00	-1.8670e+01	-5.0981e+01	-1.1474e+02
246	1955	1.4198e-01	3.5496e-01	4.1883e+00	3.9302e+00	-3.0095e+02	1.5576e+02
	2074	-1.4198e-01	-3.5496e-01	-4.1883e+00	-3.9302e+00	2.4457e+02	-1.5098e+02
247	2073	-8.3404e-05	-2.5153e-04	2.9259e+00	1.8560e+01	-2.4243e+02	-1.9860e+00
	2071	8.3404e-05	2.5153e-04	-2.9259e+00	-1.8560e+01	-5.0407e+01	1.9608e+00
248	1954	-9.8419e-05	-2.4605e-04	4.1976e+00	3.9076e+00	-2.9962e+02	-1.9902e+00
	2073	9.8419e-05	2.4605e-04	-4.1976e+00	-3.9076e+00	2.4311e+02	1.9868e+00
249	2053	-1.2031e-01	-3.6283e-01	3.0186e+00	1.8823e+01	-2.4679e+02	-1.5591e+02
	2052	1.2031e-01	3.6283e-01	-3.0186e+00	-1.8823e+01	-5.5325e+01	1.1960e+02

250	1953	-1.4197e-01	-3.5492e-01	4.1177e+00	3.9075e+00	-3.0291e+02	-1.6061e+02
	2053	1.4197e-01	3.5492e-01	-4.1177e+00	-3.9075e+00	2.4748e+02	1.5584e+02
251	2036	-3.7299e-01	-1.1249e+00	3.2836e+00	1.9678e+01	-2.6079e+02	-4.8388e+02
	2035	3.7299e-01	1.1249e+00	-3.2836e+00	-1.9678e+01	-6.7851e+01	3.7129e+02
252	1952	-4.4014e-01	-1.1004e+00	3.8083e+00	3.9168e+00	-3.1277e+02	-4.9885e+02
	2036	4.4014e-01	1.1004e+00	-3.8083e+00	-3.9168e+00	2.6150e+02	4.8404e+02
253	2019	-4.3463e-01	-1.3108e+00	3.5709e+00	2.0680e+01	-2.7667e+02	-5.4877e+02
	2018	4.3463e-01	1.3108e+00	-3.5709e+00	-2.0680e+01	-8.0721e+01	4.1758e+02
254	1951	-5.1288e-01	-1.2822e+00	3.4715e+00	3.9590e+00	-3.2416e+02	-5.6639e+02
	2019	5.1288e-01	1.2822e+00	-3.4715e+00	-3.9590e+00	2.7742e+02	5.4913e+02
255	2002	9.8895e+00	-6.4325e+00	4.1570e+00	2.3098e+01	-3.1419e+02	-1.1826e+03
	2001	-9.8895e+00	6.4325e+00	-4.1570e+00	-2.3098e+01	-1.0186e+02	5.3881e+02
256	1950	9.4836e+00	-7.0171e+00	2.6812e+00	4.1103e+00	-3.5111e+02	-1.2757e+03
	2002	-9.4836e+00	7.0171e+00	-2.6812e+00	-4.1103e+00	3.1501e+02	1.1812e+03
257	1990	3.0048e+00	4.6187e+00	2.9994e+00	2.0334e+01	-2.7377e+02	-1.5971e+02
	1989	-3.0048e+00	-4.6187e+00	-2.9994e+00	-2.0334e+01	-2.6430e+01	6.2198e+02
258	1939	3.2778e+00	4.4291e+00	3.3634e+00	3.7892e+00	-3.1978e+02	-1.0114e+02
	1990	-3.2778e+00	-4.4291e+00	-3.3634e+00	-3.7892e+00	2.7450e+02	1.6077e+02
259	36	3.9714e+00	-5.0114e-14	8.7108e+00	8.6975e-02	-8.7108e+01	0.0000e+00
	1939	-3.9714e+00	5.0114e-14	-8.7108e+00	-8.6975e-02	0.0000e+00	0.0000e+00
260	2110	3.5194e+00	-5.2982e-17	6.2401e-17	-1.2190e+00	0.0000e+00	0.0000e+00
	2116	-3.5194e+00	5.2982e-17	-6.2401e-17	1.2190e+00	0.0000e+00	0.0000e+00
261	2121	4.2041e+00	2.8211e-18	-3.0294e-17	4.1125e-01	0.0000e+00	0.0000e+00
	2110	-4.2041e+00	-2.8211e-18	3.0294e-17	-4.1125e-01	0.0000e+00	0.0000e+00
262	2104	3.7903e+00	0.0000e+00	0.0000e+00	-4.1615e-02	0.0000e+00	0.0000e+00
	2121	-3.7903e+00	0.0000e+00	0.0000e+00	4.1615e-02	0.0000e+00	0.0000e+00
263	2074	2.9266e+00	-6.8623e-18	3.2760e-18	-1.9725e-01	0.0000e+00	0.0000e+00
	2104	-2.9266e+00	6.8623e-18	-3.2760e-18	1.9725e-01	0.0000e+00	0.0000e+00
264	2073	1.6844e+00	6.4895e-18	1.2347e-16	-1.1934e-01	0.0000e+00	0.0000e+00
	2074	-1.6844e+00	-6.4895e-18	-1.2347e-16	1.1934e-01	0.0000e+00	0.0000e+00
265	2053	4.1269e-01	1.2976e-17	7.3038e-18	-1.1845e-01	0.0000e+00	0.0000e+00
	2073	-4.1269e-01	-1.2976e-17	-7.3038e-18	1.1845e-01	0.0000e+00	0.0000e+00
266	2036	-6.8644e-01	-2.3557e-17	-6.6925e-18	-1.9480e-01	0.0000e+00	0.0000e+00
	2053	6.8644e-01	2.3557e-17	6.6925e-18	1.9480e-01	0.0000e+00	0.0000e+00
267	2019	-1.2111e+00	-2.1793e-18	-1.5330e-17	-3.5542e-02	0.0000e+00	0.0000e+00
	2036	1.2111e+00	2.1793e-18	1.5330e-17	3.5542e-02	0.0000e+00	0.0000e+00
268	2002	-1.1118e+00	-5.8906e-18	0.0000e+00	3.2428e-01	0.0000e+00	0.0000e+00
	2019	1.1118e+00	5.8906e-18	0.0000e+00	-3.2428e-01	0.0000e+00	0.0000e+00
269	1990	3.6395e-01	1.0349e-17	1.0119e-16	-1.0546e+00	0.0000e+00	0.0000e+00
	2002	-3.6395e-01	-1.0349e-17	-1.0119e-16	1.0546e+00	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-2.7228e+01	0.0000e+00	6.7201e+00	0.0000e+00	-5.9156e+03
	1894	0.0000e+00	2.7228e+01	0.0000e+00	-6.7201e+00	0.0000e+00	-3.5869e+03
271	11	0.0000e+00	-3.4305e+01	0.0000e+00	-3.2005e+02	0.0000e+00	-2.9124e+03
	77	0.0000e+00	3.4305e+01	0.0000e+00	3.2005e+02	0.0000e+00	1.3687e+03
272	67	0.0000e+00	2.7259e+01	0.0000e+00	5.6116e+00	0.0000e+00	5.9187e+03
	1904	0.0000e+00	-2.7259e+01	0.0000e+00	-5.6116e+00	0.0000e+00	3.5947e+03
273	1	0.0000e+00	3.4311e+01	0.0000e+00	-3.2031e+02	0.0000e+00	2.9134e+03
	67	0.0000e+00	-3.4311e+01	0.0000e+00	3.2031e+02	0.0000e+00	-1.3694e+03
274	72	0.0000e+00	-5.4833e-04	0.0000e+00	1.6593e+01	0.0000e+00	9.8914e-03
	1899	0.0000e+00	5.4833e-04	0.0000e+00	-1.6593e+01	0.0000e+00	-2.0126e-01
275	6	0.0000e+00	8.4248e-05	0.0000e+00	-3.4252e+02	0.0000e+00	4.4038e-03
	72	0.0000e+00	-8.4248e-05	0.0000e+00	3.4252e+02	0.0000e+00	-6.1267e-04
276	76	0.0000e+00	-2.7088e+01	0.0000e+00	1.8396e+01	0.0000e+00	-6.2321e+03
	1895	0.0000e+00	2.7088e+01	0.0000e+00	-1.8396e+01	0.0000e+00	-3.2217e+03
277	10	0.0000e+00	-8.3886e+01	0.0000e+00	-2.3487e+02	0.0000e+00	-5.2638e+03

	76	0.0000e+00	8.3886e+01	0.0000e+00	2.3487e+02	0.0000e+00	1.4889e+03
278	75	0.0000e+00	-1.9631e+01	0.0000e+00	-6.3256e+01	0.0000e+00	-4.6393e+03
	1896	0.0000e+00	1.9631e+01	0.0000e+00	6.3256e+01	0.0000e+00	-2.2119e+03
279	9	0.0000e+00	-5.6427e+01	0.0000e+00	-1.2617e+02	0.0000e+00	-3.6392e+03
	75	0.0000e+00	5.6427e+01	0.0000e+00	1.2617e+02	0.0000e+00	1.1000e+03
280	74	0.0000e+00	-1.6501e+01	0.0000e+00	5.7455e+01	0.0000e+00	-3.8505e+03
	1897	0.0000e+00	1.6501e+01	0.0000e+00	-5.7455e+01	0.0000e+00	-1.9083e+03
281	8	0.0000e+00	-4.1129e+01	0.0000e+00	-4.7348e+02	0.0000e+00	-2.7614e+03
	74	0.0000e+00	4.1129e+01	0.0000e+00	4.7348e+02	0.0000e+00	9.1056e+02
282	73	0.0000e+00	-5.7004e+00	0.0000e+00	2.0223e+01	0.0000e+00	-1.3842e+03
	1898	0.0000e+00	5.7004e+00	0.0000e+00	-2.0223e+01	0.0000e+00	-6.0529e+02
283	7	0.0000e+00	-1.8551e+01	0.0000e+00	-3.1795e+02	0.0000e+00	-1.1748e+03
	73	0.0000e+00	1.8551e+01	0.0000e+00	3.1795e+02	0.0000e+00	3.3999e+02
284	71	0.0000e+00	5.7002e+00	0.0000e+00	2.0200e+01	0.0000e+00	1.3842e+03
	1900	0.0000e+00	-5.7002e+00	0.0000e+00	-2.0200e+01	0.0000e+00	6.0513e+02
285	5	0.0000e+00	1.8551e+01	0.0000e+00	-3.1793e+02	0.0000e+00	1.1748e+03
	71	0.0000e+00	-1.8551e+01	0.0000e+00	3.1793e+02	0.0000e+00	-3.4001e+02
286	70	0.0000e+00	1.6501e+01	0.0000e+00	5.7296e+01	0.0000e+00	3.8503e+03
	1901	0.0000e+00	-1.6501e+01	0.0000e+00	-5.7296e+01	0.0000e+00	1.9086e+03
287	4	0.0000e+00	4.1130e+01	0.0000e+00	-4.7344e+02	0.0000e+00	2.7614e+03
	70	0.0000e+00	-4.1130e+01	0.0000e+00	4.7344e+02	0.0000e+00	-9.1053e+02
288	69	0.0000e+00	1.9628e+01	0.0000e+00	-6.3209e+01	0.0000e+00	4.6385e+03
	1902	0.0000e+00	-1.9628e+01	0.0000e+00	6.3209e+01	0.0000e+00	2.2117e+03
289	3	0.0000e+00	5.6427e+01	0.0000e+00	-1.2611e+02	0.0000e+00	3.6390e+03
	69	0.0000e+00	-5.6427e+01	0.0000e+00	1.2611e+02	0.0000e+00	-1.0998e+03
290	68	0.0000e+00	2.7070e+01	0.0000e+00	1.8439e+01	0.0000e+00	6.2305e+03
	1903	0.0000e+00	-2.7070e+01	0.0000e+00	-1.8439e+01	0.0000e+00	3.2168e+03
291	2	0.0000e+00	8.3884e+01	0.0000e+00	-2.3502e+02	0.0000e+00	5.2634e+03
	68	0.0000e+00	-8.3884e+01	0.0000e+00	2.3502e+02	0.0000e+00	-1.4886e+03
292	57	-1.4648e+01	-4.2062e-14	8.5929e+00	7.9515e-02	-8.5929e+01	0.0000e+00
	1950	1.4648e+01	4.2062e-14	-8.5929e+00	-7.9515e-02	0.0000e+00	0.0000e+00
293	34	3.9525e+01	1.2719e-14	-9.7934e+00	2.2415e-02	1.2731e+02	0.0000e+00
	1938	-3.9525e+01	-1.2719e-14	9.7934e+00	-2.2415e-02	0.0000e+00	0.0000e+00
294	37	-1.7593e+01	1.0437e-14	-9.5957e+00	3.3840e-02	1.2474e+02	0.0000e+00
	1940	1.7593e+01	-1.0437e-14	9.5957e+00	-3.3840e-02	0.0000e+00	0.0000e+00
295	38	-5.0584e+00	7.3524e-15	-9.4978e+00	4.2113e-02	1.2347e+02	0.0000e+00
	1941	5.0584e+00	-7.3524e-15	9.4978e+00	-4.2113e-02	0.0000e+00	0.0000e+00
296	39	-2.3598e+00	5.4499e-15	-9.4604e+00	4.5605e-02	1.2299e+02	0.0000e+00
	1942	2.3598e+00	-5.4499e-15	9.4604e+00	-4.5605e-02	0.0000e+00	0.0000e+00
297	40	-1.1119e+00	2.3976e-15	-9.4358e+00	4.8721e-02	1.2267e+02	0.0000e+00
	1943	1.1119e+00	-2.3976e-15	9.4358e+00	-4.8721e-02	0.0000e+00	0.0000e+00
298	41	-2.2124e-02	-9.2551e-21	-9.4106e+00	4.9545e-02	1.2234e+02	0.0000e+00
	1944	2.2124e-02	9.2551e-21	9.4106e+00	-4.9545e-02	0.0000e+00	0.0000e+00
299	42	1.0742e+00	-2.3978e-15	-9.4298e+00	4.8798e-02	1.2259e+02	0.0000e+00
	1945	-1.0742e+00	2.3978e-15	9.4298e+00	-4.8798e-02	0.0000e+00	0.0000e+00
300	43	2.3617e+00	-5.4508e-15	-9.4468e+00	4.5734e-02	1.2281e+02	0.0000e+00
	1946	-2.3617e+00	5.4508e-15	9.4468e+00	-4.5734e-02	0.0000e+00	0.0000e+00
301	44	5.2265e+00	-7.3551e-15	-9.4799e+00	4.2228e-02	1.2324e+02	0.0000e+00
	1947	-5.2265e+00	7.3551e-15	9.4799e+00	-4.2228e-02	0.0000e+00	0.0000e+00
302	45	1.7933e+01	-1.0429e-14	-9.5689e+00	3.3929e-02	1.2440e+02	0.0000e+00
	1948	-1.7933e+01	1.0429e-14	9.5689e+00	-3.3929e-02	0.0000e+00	0.0000e+00
303	46	-4.0085e+01	-1.2732e-14	-9.5960e+00	3.6643e-02	1.2475e+02	0.0000e+00
	1949	4.0085e+01	1.2732e-14	9.5960e+00	-3.6643e-02	0.0000e+00	0.0000e+00
304	66	-5.3759e+00	5.0040e-14	8.7993e+00	7.3454e-02	-8.7993e+01	0.0000e+00
	1959	5.3759e+00	-5.0040e-14	-8.7993e+00	-7.3454e-02	0.0000e+00	0.0000e+00

305	65	1.5381e+01	4.2064e-14	8.6676e+00	8.0160e-02	-8.6676e+01	0.0000e+00
	1958	-1.5381e+01	-4.2064e-14	-8.6676e+00	-8.0160e-02	0.0000e+00	0.0000e+00
306	64	4.3520e+00	2.9339e-14	8.5957e+00	7.8723e-02	-8.5957e+01	0.0000e+00
	1957	-4.3520e+00	-2.9339e-14	-8.5957e+00	-7.8723e-02	0.0000e+00	0.0000e+00
307	63	3.8197e+00	2.1718e-14	8.5702e+00	7.8144e-02	-8.5702e+01	0.0000e+00
	1956	-3.8197e+00	-2.1718e-14	-8.5702e+00	-7.8144e-02	0.0000e+00	0.0000e+00
308	62	1.2122e+00	9.5617e-15	8.5567e+00	7.7608e-02	-8.5567e+01	0.0000e+00
	1955	-1.2122e+00	-9.5617e-15	-8.5567e+00	-7.7608e-02	0.0000e+00	0.0000e+00
309	61	-1.0908e-02	-7.1056e-18	8.5247e+00	7.7480e-02	-8.5247e+01	0.0000e+00
	1954	1.0908e-02	7.1056e-18	-8.5247e+00	-7.7480e-02	0.0000e+00	0.0000e+00
310	60	-1.2382e+00	-9.5787e-15	8.5423e+00	7.7544e-02	-8.5423e+01	0.0000e+00
	1953	1.2382e+00	9.5787e-15	-8.5423e+00	-7.7544e-02	0.0000e+00	0.0000e+00
311	59	-3.8583e+00	-2.1744e-14	8.5363e+00	7.7952e-02	-8.5363e+01	0.0000e+00
	1952	3.8583e+00	2.1744e-14	-8.5363e+00	-7.7952e-02	0.0000e+00	0.0000e+00
312	58	-4.4072e+00	-2.9379e-14	8.5474e+00	7.8360e-02	-8.5474e+01	0.0000e+00
	1951	4.4072e+00	2.9379e-14	-8.5474e+00	-7.8360e-02	0.0000e+00	0.0000e+00
313	1936	-3.3147e+00	-4.9800e-17	6.2183e-17	1.8801e-01	0.0000e+00	0.0000e+00
	1937	3.3147e+00	4.9800e-17	-6.2183e-17	-1.8801e-01	0.0000e+00	0.0000e+00
314	1935	-2.7979e+00	-1.9601e-18	-2.3976e-17	-3.5616e-01	0.0000e+00	0.0000e+00
	1936	2.7979e+00	1.9601e-18	2.3976e-17	3.5616e-01	0.0000e+00	0.0000e+00
315	1934	-2.1151e+00	0.0000e+00	0.0000e+00	-1.3249e-01	0.0000e+00	0.0000e+00
	1935	2.1151e+00	0.0000e+00	0.0000e+00	1.3249e-01	0.0000e+00	0.0000e+00
316	1933	-1.3680e+00	2.0938e-18	5.7680e-19	-4.9946e-01	0.0000e+00	0.0000e+00
	1934	1.3680e+00	-2.0938e-18	-5.7680e-19	4.9946e-01	0.0000e+00	0.0000e+00
317	1932	-5.6991e-01	-2.0267e-18	3.5775e-17	-2.9916e-01	0.0000e+00	0.0000e+00
	1933	5.6991e-01	2.0267e-18	-3.5775e-17	2.9916e-01	0.0000e+00	0.0000e+00
318	1931	2.3816e-01	-4.0550e-18	2.1700e-18	-2.9926e-01	0.0000e+00	0.0000e+00
	1932	-2.3816e-01	4.0550e-18	-2.1700e-18	2.9926e-01	0.0000e+00	0.0000e+00
319	1930	1.0274e+00	2.8846e-17	-1.2949e-18	-4.9964e-01	0.0000e+00	0.0000e+00
	1931	-1.0274e+00	-2.8846e-17	1.2949e-18	4.9964e-01	0.0000e+00	0.0000e+00
320	1929	1.7520e+00	7.7178e-19	-9.9616e-18	-1.3329e-01	0.0000e+00	0.0000e+00
	1930	-1.7520e+00	-7.7178e-19	9.9616e-18	1.3329e-01	0.0000e+00	0.0000e+00
321	1928	2.3997e+00	4.0806e-18	0.0000e+00	-3.6997e-01	0.0000e+00	0.0000e+00
	1929	-2.3997e+00	-4.0806e-18	0.0000e+00	3.6997e-01	0.0000e+00	0.0000e+00
322	1927	-4.7760e-01	9.9763e-18	1.0061e-16	1.7724e-01	0.0000e+00	0.0000e+00
	1928	4.7760e-01	-9.9763e-18	-1.0061e-16	-1.7724e-01	0.0000e+00	0.0000e+00
323	1937	-1.8268e+00	1.1418e-01	3.4131e-01	2.3491e-03	-1.4683e-04	1.8331e-01
	1960	1.8268e+00	-1.1418e-01	-3.4131e-01	-2.3491e-03	-2.4643e+01	8.0610e+00
324	1936	5.7554e-13	-1.1902e-13	5.1679e-01	-4.4409e-15	2.4514e-12	-5.4416e-01
	1961	-5.7554e-13	1.1902e-13	-5.1679e-01	4.4409e-15	-3.7313e+01	5.4416e-01
325	1935	-2.6290e-13	1.2434e-14	6.8282e-01	-6.4837e-14	-1.8474e-13	2.2366e-01
	1962	2.6290e-13	-1.2434e-14	-6.8282e-01	6.4837e-14	-4.9300e+01	-2.2366e-01
326	1934	2.6645e-14	7.1054e-15	7.4707e-01	-3.9080e-14	1.0587e-12	-3.6696e-01
	1963	-2.6645e-14	-7.1054e-15	-7.4707e-01	3.9080e-14	-5.3940e+01	3.6696e-01
327	1933	-3.8192e-14	3.1086e-14	7.9808e-01	-7.7183e-13	-2.6290e-13	2.0030e-01
	1964	3.8192e-14	-3.1086e-14	-7.9808e-01	7.7183e-13	-5.7623e+01	-2.0030e-01
328	1932	1.2143e-15	-2.7235e-16	8.0808e-01	-5.7732e-14	7.3896e-13	-1.0386e-04
	1965	-1.2143e-15	2.7235e-16	-8.0808e-01	5.7732e-14	-5.8344e+01	1.0386e-04
329	1931	4.4409e-14	-2.3537e-14	7.8922e-01	1.0125e-13	-4.1922e-13	-2.0037e-01
	1966	-4.4409e-14	2.3537e-14	-7.8922e-01	-1.0125e-13	-5.6982e+01	2.0037e-01
330	1930	-1.0481e-13	-7.1054e-15	7.2461e-01	-1.4566e-13	-1.2363e-12	3.6634e-01
	1967	1.0481e-13	7.1054e-15	-7.2461e-01	1.4566e-13	-5.2318e+01	-3.6634e-01
331	1929	2.1494e-13	1.4744e-13	6.4774e-01	-1.7231e-13	1.5632e-13	-2.3668e-01
	1968	-2.1494e-13	-1.4744e-13	-6.4774e-01	1.7231e-13	-4.6767e+01	2.3668e-01
332	1928	-1.6638e+00	1.0399e-01	4.5231e-01	1.1547e-03	-7.2173e-05	5.4490e-01

	1969	1.6638e+00	-1.0399e-01	-4.5231e-01	-1.1547e-03	-3.2657e+01	6.9634e+00
333	1927	3.4106e-13	-3.9080e-14	4.7760e-01	-1.1546e-14	3.6948e-13	-1.7724e-01
	1970	-3.4106e-13	3.9080e-14	-4.7760e-01	1.1546e-14	-3.4483e+01	1.7724e-01
334	2089	-1.8626e+00	-3.5320e-18	3.8682e-18	9.3611e-02	0.0000e+00	0.0000e+00
	2090	1.8626e+00	3.5320e-18	-3.8682e-18	-9.3611e-02	0.0000e+00	0.0000e+00
335	2083	4.5980e-01	-5.4803e-19	3.5428e-18	1.6552e-01	0.0000e+00	0.0000e+00
	2084	-4.5980e-01	5.4803e-19	-3.5428e-18	-1.6552e-01	0.0000e+00	0.0000e+00
336	2081	1.7505e+00	1.7983e-18	3.4440e-18	1.8240e-01	0.0000e+00	0.0000e+00
	2082	-1.7505e+00	-1.7983e-18	-3.4440e-18	-1.8240e-01	0.0000e+00	0.0000e+00
337	2055	5.8373e-01	4.1115e-18	3.4968e-18	1.6463e-01	0.0000e+00	0.0000e+00
	2077	-5.8373e-01	-4.1115e-18	-3.4968e-18	-1.6463e-01	0.0000e+00	0.0000e+00
338	2077	-3.3081e+00	4.1905e-18	3.4614e-18	1.6097e-01	0.0000e+00	0.0000e+00
	2078	3.3081e+00	-4.1905e-18	-3.4614e-18	-1.6097e-01	0.0000e+00	0.0000e+00
339	2075	1.3888e+00	5.9882e-18	3.5711e-18	1.0399e-01	0.0000e+00	0.0000e+00
	2076	-1.3888e+00	-5.9882e-18	-3.5711e-18	-1.0399e-01	0.0000e+00	0.0000e+00
340	2071	2.3714e+00	6.8927e-18	3.6766e-18	9.7230e-03	0.0000e+00	0.0000e+00
	2072	-2.3714e+00	-6.8927e-18	-3.6766e-18	-9.7230e-03	0.0000e+00	0.0000e+00
341	2087	2.0081e+00	-2.3306e-18	3.7022e-18	1.2732e-01	0.0000e+00	0.0000e+00
	2088	-2.0081e+00	2.3306e-18	-3.7022e-18	-1.2732e-01	0.0000e+00	0.0000e+00
342	2090	-8.0906e+00	0.0000e+00	1.8071e-17	1.5548e-01	0.0000e+00	0.0000e+00
	2112	8.0906e+00	0.0000e+00	-1.8071e-17	-1.5548e-01	0.0000e+00	0.0000e+00
343	2088	2.7672e+00	0.0000e+00	1.7053e-17	2.3355e-01	0.0000e+00	0.0000e+00
	2111	-2.7672e+00	0.0000e+00	-1.7053e-17	-2.3355e-01	0.0000e+00	0.0000e+00
344	2084	1.0173e+01	0.0000e+00	1.6083e-17	3.0076e-01	0.0000e+00	0.0000e+00
	2109	-1.0173e+01	0.0000e+00	-1.6083e-17	-3.0076e-01	0.0000e+00	0.0000e+00
345	2082	2.0523e+00	0.0000e+00	1.5485e-17	3.2173e-01	0.0000e+00	0.0000e+00
	2108	-2.0523e+00	0.0000e+00	-1.5485e-17	-3.2173e-01	0.0000e+00	0.0000e+00
346	2078	-7.4830e+00	0.0000e+00	1.5539e-17	2.7886e-01	0.0000e+00	0.0000e+00
	2106	7.4830e+00	0.0000e+00	-1.5539e-17	-2.7886e-01	0.0000e+00	0.0000e+00
347	2076	5.2716e-01	0.0000e+00	1.6135e-17	1.8104e-01	0.0000e+00	0.0000e+00
	2105	-5.2716e-01	0.0000e+00	-1.6135e-17	-1.8104e-01	0.0000e+00	0.0000e+00
348	2072	5.1443e+00	0.0000e+00	1.6715e-17	2.1022e-02	0.0000e+00	0.0000e+00
	2103	-5.1443e+00	0.0000e+00	-1.6715e-17	-2.1022e-02	0.0000e+00	0.0000e+00
349	2103	8.1095e+00	0.0000e+00	0.0000e+00	1.8374e-02	0.0000e+00	0.0000e+00
	2120	-8.1095e+00	0.0000e+00	0.0000e+00	-1.8374e-02	0.0000e+00	0.0000e+00
350	2105	-1.1079e-01	0.0000e+00	0.0000e+00	5.4060e-02	0.0000e+00	0.0000e+00
	2122	1.1079e-01	0.0000e+00	0.0000e+00	-5.4060e-02	0.0000e+00	0.0000e+00
351	2106	-1.8138e+01	0.0000e+00	0.0000e+00	6.4534e-02	0.0000e+00	0.0000e+00
	2123	1.8138e+01	0.0000e+00	0.0000e+00	-6.4534e-02	0.0000e+00	0.0000e+00
352	2108	2.4416e+00	0.0000e+00	0.0000e+00	6.5311e-02	0.0000e+00	0.0000e+00
	2125	-2.4416e+00	0.0000e+00	0.0000e+00	-6.5311e-02	0.0000e+00	0.0000e+00
353	2109	2.2354e+01	0.0000e+00	0.0000e+00	4.0940e-02	0.0000e+00	0.0000e+00
	1925	-2.2354e+01	0.0000e+00	0.0000e+00	-4.0940e-02	0.0000e+00	0.0000e+00
354	2111	3.6550e+00	0.0000e+00	0.0000e+00	1.2490e-02	0.0000e+00	0.0000e+00
	1983	-3.6550e+00	0.0000e+00	0.0000e+00	-1.2490e-02	0.0000e+00	0.0000e+00
355	2112	-1.4820e+01	0.0000e+00	0.0000e+00	5.4001e-02	0.0000e+00	0.0000e+00
	2005	1.4820e+01	0.0000e+00	0.0000e+00	-5.4001e-02	0.0000e+00	0.0000e+00
356	2085	1.2875e+01	1.5010e-17	3.5596e-17	4.8263e-01	0.0000e+00	0.0000e+00
	1921	-1.2875e+01	-1.5010e-17	-3.5596e-17	-4.8263e-01	0.0000e+00	0.0000e+00
357	1983	4.4821e+00	0.0000e+00	2.3617e-17	-3.4819e-01	0.0000e+00	0.0000e+00
	2059	-4.4821e+00	0.0000e+00	-2.3617e-17	3.4819e-01	0.0000e+00	0.0000e+00
358	2005	-2.2049e+01	0.0000e+00	2.2037e-17	-9.0603e-02	0.0000e+00	0.0000e+00
	2085	2.2049e+01	0.0000e+00	-2.2037e-17	9.0603e-02	0.0000e+00	0.0000e+00
359	1925	6.2502e+01	0.0000e+00	2.5344e-17	-4.3160e-01	0.0000e+00	0.0000e+00
	2042	-6.2502e+01	0.0000e+00	-2.5344e-17	4.3160e-01	0.0000e+00	0.0000e+00

360	2125	2.8593e+00	0.0000e+00	2.6717e-17	-2.3489e-01	0.0000e+00	0.0000e+00
	2025	-2.8593e+00	0.0000e+00	-2.6717e-17	2.3489e-01	0.0000e+00	0.0000e+00
361	2123	-3.1663e+01	0.0000e+00	2.7228e-17	2.3952e-01	0.0000e+00	0.0000e+00
	2008	3.1663e+01	0.0000e+00	-2.7228e-17	-2.3952e-01	0.0000e+00	0.0000e+00
362	2122	-3.7647e-01	0.0000e+00	2.8775e-17	6.4298e-01	0.0000e+00	0.0000e+00
	1996	3.7647e-01	0.0000e+00	-2.8775e-17	-6.4298e-01	0.0000e+00	0.0000e+00
363	2120	1.1264e+01	0.0000e+00	3.2853e-17	7.4121e-01	0.0000e+00	0.0000e+00
	1919	-1.1264e+01	0.0000e+00	-3.2853e-17	-7.4121e-01	0.0000e+00	0.0000e+00
364	2059	3.4116e+00	-4.3370e-17	4.1480e-17	1.6858e+00	0.0000e+00	0.0000e+00
	1920	-3.4116e+00	4.3370e-17	-4.1480e-17	-1.6858e+00	0.0000e+00	0.0000e+00
365	2042	3.9363e+01	-1.1871e-16	4.6488e-17	1.8410e+00	0.0000e+00	0.0000e+00
	1918	-3.9363e+01	1.1871e-16	-4.6488e-17	-1.8410e+00	0.0000e+00	0.0000e+00
366	2025	1.8407e+00	-1.8527e-16	4.8628e-17	1.2068e+00	0.0000e+00	0.0000e+00
	1917	-1.8407e+00	1.8527e-16	-4.8628e-17	-1.2068e+00	0.0000e+00	0.0000e+00
367	2008	-2.4316e+01	-2.1416e-16	4.8973e-17	-4.0365e-02	0.0000e+00	0.0000e+00
	2107	2.4316e+01	2.1416e-16	-4.8973e-17	4.0365e-02	0.0000e+00	0.0000e+00
368	1996	3.6006e-01	-1.8445e-16	5.0600e-17	-1.2033e+00	0.0000e+00	0.0000e+00
	2080	-3.6006e-01	1.8445e-16	-5.0600e-17	1.2033e+00	0.0000e+00	0.0000e+00
369	1919	4.3062e+01	-1.1909e-16	5.5748e-17	-1.6949e+00	0.0000e+00	0.0000e+00
	2079	-4.3062e+01	1.1909e-16	-5.5748e-17	1.6949e+00	0.0000e+00	0.0000e+00
370	2097	1.3907e+00	-4.2673e-17	6.3717e-17	1.6482e-01	0.0000e+00	0.0000e+00
	2039	-1.3907e+00	4.2673e-17	-6.3717e-17	-1.6482e-01	0.0000e+00	0.0000e+00
371	2098	1.9683e+01	-3.4821e-17	6.5054e-17	-2.8112e-01	0.0000e+00	0.0000e+00
	2056	-1.9683e+01	3.4821e-17	-6.5054e-17	2.8112e-01	0.0000e+00	0.0000e+00
372	2119	1.6782e+01	0.0000e+00	3.8054e-17	-1.1182e-01	0.0000e+00	0.0000e+00
	2098	-1.6782e+01	0.0000e+00	-3.8054e-17	1.1182e-01	0.0000e+00	0.0000e+00
373	2118	1.8803e+00	0.0000e+00	3.4243e-17	-3.4644e-01	0.0000e+00	0.0000e+00
	2097	-1.8803e+00	0.0000e+00	-3.4243e-17	3.4644e-01	0.0000e+00	0.0000e+00
374	2102	1.1450e+01	0.0000e+00	0.0000e+00	-1.0294e-01	0.0000e+00	0.0000e+00
	2119	-1.1450e+01	0.0000e+00	0.0000e+00	1.0294e-01	0.0000e+00	0.0000e+00
375	2101	1.6661e+00	0.0000e+00	0.0000e+00	-1.3065e-01	0.0000e+00	0.0000e+00
	2118	-1.6661e+00	0.0000e+00	0.0000e+00	1.3065e-01	0.0000e+00	0.0000e+00
376	2070	6.6046e+00	0.0000e+00	1.3461e-17	-4.0476e-01	0.0000e+00	0.0000e+00
	2102	-6.6046e+00	0.0000e+00	-1.3461e-17	4.0476e-01	0.0000e+00	0.0000e+00
377	2068	1.1744e+00	0.0000e+00	8.4991e-18	-4.9587e-01	0.0000e+00	0.0000e+00
	2101	-1.1744e+00	0.0000e+00	-8.4991e-18	4.9587e-01	0.0000e+00	0.0000e+00
378	2069	2.1520e+00	4.1945e-18	3.0530e-18	-2.4228e-01	0.0000e+00	0.0000e+00
	2070	-2.1520e+00	-4.1945e-18	-3.0530e-18	2.4228e-01	0.0000e+00	0.0000e+00
379	2067	4.6051e-01	9.2976e-19	2.1107e-18	-2.9662e-01	0.0000e+00	0.0000e+00
	2068	-4.6051e-01	-9.2976e-19	-2.1107e-18	2.9662e-01	0.0000e+00	0.0000e+00
380	2022	-2.5047e+00	-8.1663e-17	4.4887e-17	1.8958e+00	0.0000e+00	0.0000e+00
	1926	2.5047e+00	8.1663e-17	-4.4887e-17	-1.8958e+00	0.0000e+00	0.0000e+00
381	1993	-3.1135e-01	-1.0478e-16	5.2230e-17	2.0761e-01	0.0000e+00	0.0000e+00
	1924	3.1135e-01	1.0478e-16	-5.2230e-17	-2.0761e-01	0.0000e+00	0.0000e+00
382	1916	-8.1868e+00	-7.7151e-17	4.7755e-17	-1.0188e+00	0.0000e+00	0.0000e+00
	1923	8.1868e+00	7.7151e-17	-4.7755e-17	1.0188e+00	0.0000e+00	0.0000e+00
383	2086	-6.2602e-01	-2.5459e-17	3.8828e-17	-1.2161e+00	0.0000e+00	0.0000e+00
	1922	6.2602e-01	2.5459e-17	-3.8828e-17	1.2161e+00	0.0000e+00	0.0000e+00
384	2065	7.7644e+00	0.0000e+00	2.0962e-17	-5.6536e-01	0.0000e+00	0.0000e+00
	2022	-7.7644e+00	0.0000e+00	-2.0962e-17	5.6536e-01	0.0000e+00	0.0000e+00
385	2048	-4.4690e-01	0.0000e+00	2.6038e-17	-1.9463e-01	0.0000e+00	0.0000e+00
	1993	4.4690e-01	0.0000e+00	-2.6038e-17	1.9463e-01	0.0000e+00	0.0000e+00
386	2031	-1.0528e+01	0.0000e+00	2.5864e-17	1.0974e-01	0.0000e+00	0.0000e+00
	1916	1.0528e+01	0.0000e+00	-2.5864e-17	-1.0974e-01	0.0000e+00	0.0000e+00
387	2014	-1.5119e+00	0.0000e+00	2.3185e-17	2.0563e-01	0.0000e+00	0.0000e+00

	2086	1.5119e+00	0.0000e+00	-2.3185e-17	-2.0563e-01	0.0000e+00	0.0000e+00
388	2113	-1.4167e+00	0.0000e+00	0.0000e+00	1.3242e-01	0.0000e+00	0.0000e+00
	2014	1.4167e+00	0.0000e+00	0.0000e+00	-1.3242e-01	0.0000e+00	0.0000e+00
389	2114	-7.1378e+00	0.0000e+00	0.0000e+00	8.2342e-02	0.0000e+00	0.0000e+00
	2031	7.1378e+00	0.0000e+00	0.0000e+00	-8.2342e-02	0.0000e+00	0.0000e+00
390	2115	-4.1575e-01	0.0000e+00	0.0000e+00	-3.8161e-02	0.0000e+00	0.0000e+00
	2048	4.1575e-01	0.0000e+00	0.0000e+00	3.8161e-02	0.0000e+00	0.0000e+00
391	2117	5.5449e+00	0.0000e+00	0.0000e+00	-1.8755e-01	0.0000e+00	0.0000e+00
	2065	-5.5449e+00	0.0000e+00	0.0000e+00	1.8755e-01	0.0000e+00	0.0000e+00
392	2092	-8.6190e-01	0.0000e+00	1.8880e-17	6.2804e-02	0.0000e+00	0.0000e+00
	2113	8.6190e-01	0.0000e+00	-1.8880e-17	-6.2804e-02	0.0000e+00	0.0000e+00
393	2094	-4.0303e+00	0.0000e+00	1.8873e-17	-6.5019e-02	0.0000e+00	0.0000e+00
	2114	4.0303e+00	0.0000e+00	-1.8873e-17	6.5019e-02	0.0000e+00	0.0000e+00
394	2096	-3.0437e-01	0.0000e+00	1.7378e-17	-2.0337e-01	0.0000e+00	0.0000e+00
	2115	3.0437e-01	0.0000e+00	-1.7378e-17	2.0337e-01	0.0000e+00	0.0000e+00
395	2100	3.3557e+00	0.0000e+00	1.3943e-17	-3.2815e-01	0.0000e+00	0.0000e+00
	2117	-3.3557e+00	0.0000e+00	-1.3943e-17	3.2815e-01	0.0000e+00	0.0000e+00
396	2091	1.0529e-01	-4.7054e-18	4.0530e-18	5.7440e-02	0.0000e+00	0.0000e+00
	2092	-1.0529e-01	4.7054e-18	-4.0530e-18	-5.7440e-02	0.0000e+00	0.0000e+00
397	2093	-1.1553e+00	-5.0219e-18	4.1344e-18	-1.7521e-02	0.0000e+00	0.0000e+00
	2094	1.1553e+00	5.0219e-18	-4.1344e-18	1.7521e-02	0.0000e+00	0.0000e+00
398	2095	-1.6071e-01	-4.4818e-18	3.9225e-18	-1.0909e-01	0.0000e+00	0.0000e+00
	2096	1.6071e-01	4.4818e-18	-3.9225e-18	1.0909e-01	0.0000e+00	0.0000e+00
399	2099	1.2318e+00	-3.0687e-18	3.2904e-18	-1.9806e-01	0.0000e+00	0.0000e+00
	2100	-1.2318e+00	3.0687e-18	-3.2904e-18	1.9806e-01	0.0000e+00	0.0000e+00
400	2066	-8.6995e-01	-3.0521e-18	3.2786e-18	-1.9704e-01	0.0000e+00	0.0000e+00
	2099	8.6995e-01	3.0521e-18	-3.2786e-18	1.9704e-01	0.0000e+00	0.0000e+00
401	2049	-2.9717e+00	0.0000e+00	1.3813e-17	-3.2463e-01	0.0000e+00	0.0000e+00
	2066	2.9717e+00	0.0000e+00	-1.3813e-17	3.2463e-01	0.0000e+00	0.0000e+00
402	2064	-1.7513e-02	-4.4585e-18	3.9076e-18	-1.0877e-01	0.0000e+00	0.0000e+00
	2095	1.7513e-02	4.4585e-18	-3.9076e-18	1.0877e-01	0.0000e+00	0.0000e+00
403	2063	1.6648e+00	-4.9994e-18	4.1197e-18	-1.8021e-02	0.0000e+00	0.0000e+00
	2093	-1.6648e+00	4.9994e-18	-4.1197e-18	1.8021e-02	0.0000e+00	0.0000e+00
404	2062	1.1828e+00	-4.6920e-18	4.0411e-18	5.6111e-02	0.0000e+00	0.0000e+00
	2091	-1.1828e+00	4.6920e-18	-4.0411e-18	-5.6111e-02	0.0000e+00	0.0000e+00
405	2061	4.1539e+00	-3.5393e-18	3.8599e-18	9.1524e-02	0.0000e+00	0.0000e+00
	2089	-4.1539e+00	3.5393e-18	-3.8599e-18	-9.1524e-02	0.0000e+00	0.0000e+00
406	2060	1.4787e+00	-2.3659e-18	3.6980e-18	1.2435e-01	0.0000e+00	0.0000e+00
	2087	-1.4787e+00	2.3659e-18	-3.6980e-18	-1.2435e-01	0.0000e+00	0.0000e+00
407	2058	-3.4477e+00	-6.2423e-19	3.5426e-18	1.6149e-01	0.0000e+00	0.0000e+00
	2083	3.4477e+00	6.2423e-19	-3.5426e-18	-1.6149e-01	0.0000e+00	0.0000e+00
408	2057	1.7447e+00	1.6336e-18	3.4629e-18	1.8214e-01	0.0000e+00	0.0000e+00
	2081	-1.7447e+00	-1.6336e-18	-3.4629e-18	-1.8214e-01	0.0000e+00	0.0000e+00
409	2054	2.4389e+00	5.9462e-18	3.6088e-18	1.0667e-01	0.0000e+00	0.0000e+00
	2075	-2.4389e+00	-5.9462e-18	-3.6088e-18	-1.0667e-01	0.0000e+00	0.0000e+00
410	2052	-4.2130e-01	6.8765e-18	3.7173e-18	1.1484e-02	0.0000e+00	0.0000e+00
	2071	4.2130e-01	-6.8765e-18	-3.7173e-18	-1.1484e-02	0.0000e+00	0.0000e+00
411	2051	-2.2273e+00	4.1969e-18	3.0970e-18	-2.4207e-01	0.0000e+00	0.0000e+00
	2069	2.2273e+00	-4.1969e-18	-3.0970e-18	2.4207e-01	0.0000e+00	0.0000e+00
412	2050	-2.9545e-01	9.3045e-19	2.1543e-18	-2.9671e-01	0.0000e+00	0.0000e+00
	2067	2.9545e-01	-9.3045e-19	-2.1543e-18	2.9671e-01	0.0000e+00	0.0000e+00
413	2047	9.5358e-02	0.0000e+00	1.7217e-17	-2.0230e-01	0.0000e+00	0.0000e+00
	2064	-9.5358e-02	0.0000e+00	-1.7217e-17	2.0230e-01	0.0000e+00	0.0000e+00
414	2046	4.5539e+00	0.0000e+00	1.8714e-17	-6.6652e-02	0.0000e+00	0.0000e+00
	2063	-4.5539e+00	0.0000e+00	-1.8714e-17	6.6652e-02	0.0000e+00	0.0000e+00

415	2045	2.1691e+00	0.0000e+00	1.8751e-17	5.8711e-02	0.0000e+00	0.0000e+00
	2062	-2.1691e+00	0.0000e+00	-1.8751e-17	-5.8711e-02	0.0000e+00	0.0000e+00
416	2044	1.0259e+01	0.0000e+00	1.7975e-17	1.4960e-01	0.0000e+00	0.0000e+00
	2061	-1.0259e+01	0.0000e+00	-1.7975e-17	-1.4960e-01	0.0000e+00	0.0000e+00
417	2043	1.0631e+00	0.0000e+00	1.6992e-17	2.2539e-01	0.0000e+00	0.0000e+00
	2060	-1.0631e+00	0.0000e+00	-1.6992e-17	-2.2539e-01	0.0000e+00	0.0000e+00
418	2041	-7.6870e+00	0.0000e+00	1.6055e-17	2.8955e-01	0.0000e+00	0.0000e+00
	2058	7.6870e+00	0.0000e+00	-1.6055e-17	-2.8955e-01	0.0000e+00	0.0000e+00
419	2040	2.0341e+00	0.0000e+00	1.5626e-17	3.2091e-01	0.0000e+00	0.0000e+00
	2057	-2.0341e+00	0.0000e+00	-1.5626e-17	-3.2091e-01	0.0000e+00	0.0000e+00
420	2038	1.0359e+01	0.0000e+00	1.5824e-17	2.8893e-01	0.0000e+00	0.0000e+00
	2055	-1.0359e+01	0.0000e+00	-1.5824e-17	-2.8893e-01	0.0000e+00	0.0000e+00
421	2037	3.6975e+00	0.0000e+00	1.6439e-17	1.8840e-01	0.0000e+00	0.0000e+00
	2054	-3.6975e+00	0.0000e+00	-1.6439e-17	-1.8840e-01	0.0000e+00	0.0000e+00
422	2035	-3.4110e+00	0.0000e+00	1.7045e-17	2.5823e-02	0.0000e+00	0.0000e+00
	2052	3.4110e+00	0.0000e+00	-1.7045e-17	-2.5823e-02	0.0000e+00	0.0000e+00
423	2034	-6.7740e+00	0.0000e+00	1.3820e-17	-4.0411e-01	0.0000e+00	0.0000e+00
	2051	6.7740e+00	0.0000e+00	-1.3820e-17	4.0411e-01	0.0000e+00	0.0000e+00
424	2033	-9.6250e-01	0.0000e+00	8.8554e-18	-4.9601e-01	0.0000e+00	0.0000e+00
	2050	9.6250e-01	0.0000e+00	-8.8554e-18	4.9601e-01	0.0000e+00	0.0000e+00
425	2032	-5.1086e+00	0.0000e+00	0.0000e+00	-1.7247e-01	0.0000e+00	0.0000e+00
	2049	5.1086e+00	0.0000e+00	0.0000e+00	1.7247e-01	0.0000e+00	0.0000e+00
426	2030	1.3334e-01	0.0000e+00	0.0000e+00	-3.4454e-02	0.0000e+00	0.0000e+00
	2047	-1.3334e-01	0.0000e+00	0.0000e+00	3.4454e-02	0.0000e+00	0.0000e+00
427	2029	7.6965e+00	0.0000e+00	0.0000e+00	7.5071e-02	0.0000e+00	0.0000e+00
	2046	-7.6965e+00	0.0000e+00	0.0000e+00	-7.5071e-02	0.0000e+00	0.0000e+00
428	2028	2.7577e+00	0.0000e+00	0.0000e+00	1.1715e-01	0.0000e+00	0.0000e+00
	2045	-2.7577e+00	0.0000e+00	0.0000e+00	-1.1715e-01	0.0000e+00	0.0000e+00
429	2027	1.6801e+01	0.0000e+00	0.0000e+00	3.6721e-02	0.0000e+00	0.0000e+00
	2044	-1.6801e+01	0.0000e+00	0.0000e+00	-3.6721e-02	0.0000e+00	0.0000e+00
430	2026	6.5743e-01	0.0000e+00	0.0000e+00	-9.8291e-03	0.0000e+00	0.0000e+00
	2043	-6.5743e-01	0.0000e+00	0.0000e+00	9.8291e-03	0.0000e+00	0.0000e+00
431	2024	-1.8414e+01	0.0000e+00	0.0000e+00	8.6098e-03	0.0000e+00	0.0000e+00
	2041	1.8414e+01	0.0000e+00	0.0000e+00	-8.6098e-03	0.0000e+00	0.0000e+00
432	2023	2.4104e+00	0.0000e+00	0.0000e+00	6.2804e-02	0.0000e+00	0.0000e+00
	2040	-2.4104e+00	0.0000e+00	0.0000e+00	-6.2804e-02	0.0000e+00	0.0000e+00
433	2021	2.2566e+01	0.0000e+00	0.0000e+00	9.3725e-02	0.0000e+00	0.0000e+00
	2038	-2.2566e+01	0.0000e+00	0.0000e+00	-9.3725e-02	0.0000e+00	0.0000e+00
434	2020	4.9364e+00	0.0000e+00	0.0000e+00	7.4396e-02	0.0000e+00	0.0000e+00
	2037	-4.9364e+00	0.0000e+00	0.0000e+00	-7.4396e-02	0.0000e+00	0.0000e+00
435	2018	-6.7910e+00	0.0000e+00	0.0000e+00	3.0950e-02	0.0000e+00	0.0000e+00
	2035	6.7910e+00	0.0000e+00	0.0000e+00	-3.0950e-02	0.0000e+00	0.0000e+00
436	2017	-1.1852e+01	0.0000e+00	0.0000e+00	-1.0157e-01	0.0000e+00	0.0000e+00
	2034	1.1852e+01	0.0000e+00	0.0000e+00	1.0157e-01	0.0000e+00	0.0000e+00
437	2016	-1.3373e+00	0.0000e+00	0.0000e+00	-1.3135e-01	0.0000e+00	0.0000e+00
	2033	1.3373e+00	0.0000e+00	0.0000e+00	1.3135e-01	0.0000e+00	0.0000e+00
438	2015	-7.2524e+00	0.0000e+00	2.3149e-17	-6.2206e-01	0.0000e+00	0.0000e+00
	2032	7.2524e+00	0.0000e+00	-2.3149e-17	6.2206e-01	0.0000e+00	0.0000e+00
439	2013	5.7647e-02	0.0000e+00	2.8517e-17	-2.1378e-01	0.0000e+00	0.0000e+00
	2030	-5.7647e-02	0.0000e+00	-2.8517e-17	2.1378e-01	0.0000e+00	0.0000e+00
440	2012	1.1138e+01	0.0000e+00	2.8380e-17	1.3264e-01	0.0000e+00	0.0000e+00
	2029	-1.1138e+01	0.0000e+00	-2.8380e-17	-1.3264e-01	0.0000e+00	0.0000e+00
441	2011	2.9018e+00	0.0000e+00	2.5361e-17	2.9319e-01	0.0000e+00	0.0000e+00
	2028	-2.9018e+00	0.0000e+00	-2.5361e-17	-2.9319e-01	0.0000e+00	0.0000e+00
442	2010	2.3795e+01	0.0000e+00	2.3345e-17	4.6408e-02	0.0000e+00	0.0000e+00

	2027	-2.3795e+01	0.0000e+00	-2.3345e-17	-4.6408e-02	0.0000e+00	0.0000e+00
443	2009	3.8478e-01	0.0000e+00	2.4611e-17	-1.7695e-01	0.0000e+00	0.0000e+00
	2026	-3.8478e-01	0.0000e+00	-2.4611e-17	1.7695e-01	0.0000e+00	0.0000e+00
444	2007	-3.1856e+01	0.0000e+00	2.5883e-17	-2.7162e-01	0.0000e+00	0.0000e+00
	2024	3.1856e+01	0.0000e+00	-2.5883e-17	2.7162e-01	0.0000e+00	0.0000e+00
445	2006	2.8149e+00	0.0000e+00	2.6512e-17	-2.0657e-01	0.0000e+00	0.0000e+00
	2023	-2.8149e+00	0.0000e+00	-2.6512e-17	2.0657e-01	0.0000e+00	0.0000e+00
446	2004	6.2250e+01	0.0000e+00	2.6483e-17	1.2477e-01	0.0000e+00	0.0000e+00
	2021	-6.2250e+01	0.0000e+00	-2.6483e-17	-1.2477e-01	0.0000e+00	0.0000e+00
447	2003	5.9333e+00	0.0000e+00	2.7978e-17	5.0073e-01	0.0000e+00	0.0000e+00
	2020	-5.9333e+00	0.0000e+00	-2.7978e-17	-5.0073e-01	0.0000e+00	0.0000e+00
448	2001	-1.0527e+01	3.8991e-18	0.0000e+00	6.1166e-01	0.0000e+00	0.0000e+00
	2018	1.0527e+01	-3.8991e-18	0.0000e+00	-6.1166e-01	0.0000e+00	0.0000e+00
449	2000	-1.7540e+01	-6.1815e-18	0.0000e+00	-1.3226e-01	0.0000e+00	0.0000e+00
	2017	1.7540e+01	6.1815e-18	0.0000e+00	1.3226e-01	0.0000e+00	0.0000e+00
450	1999	-1.3723e+00	-8.2828e-19	0.0000e+00	-3.5715e-01	0.0000e+00	0.0000e+00
	2016	1.3723e+00	8.2828e-19	0.0000e+00	3.5715e-01	0.0000e+00	0.0000e+00
451	1982	-9.4708e+00	-8.7627e-17	4.7351e-17	2.0249e+00	0.0000e+00	0.0000e+00
	2015	9.4708e+00	8.7627e-17	-4.7351e-17	-2.0249e+00	0.0000e+00	0.0000e+00
452	1984	-2.5057e-01	-1.1318e-16	5.5348e-17	2.4642e-01	0.0000e+00	0.0000e+00
	2013	2.5057e-01	1.1318e-16	-5.5348e-17	-2.4642e-01	0.0000e+00	0.0000e+00
453	1985	2.9785e+00	-8.5196e-17	5.0826e-17	-1.0875e+00	0.0000e+00	0.0000e+00
	2012	-2.9785e+00	8.5196e-17	-5.0826e-17	1.0875e+00	0.0000e+00	0.0000e+00
454	1986	2.0115e+00	-3.0011e-17	4.1228e-17	-1.3931e+00	0.0000e+00	0.0000e+00
	2011	-2.0115e+00	3.0011e-17	-4.1228e-17	1.3931e+00	0.0000e+00	0.0000e+00
455	1998	3.9054e+01	1.9037e-17	3.7122e-17	2.1129e-01	0.0000e+00	0.0000e+00
	2010	-3.9054e+01	-1.9037e-17	-3.7122e-17	-2.1129e-01	0.0000e+00	0.0000e+00
456	1997	5.4386e-01	-2.8280e-17	4.1971e-17	1.4164e+00	0.0000e+00	0.0000e+00
	2009	-5.4386e-01	2.8280e-17	-4.1971e-17	-1.4164e+00	0.0000e+00	0.0000e+00
457	1995	-2.4169e+01	-9.4504e-17	4.6414e-17	1.6776e+00	0.0000e+00	0.0000e+00
	2007	2.4169e+01	9.4504e-17	-4.6414e-17	-1.6776e+00	0.0000e+00	0.0000e+00
458	1994	1.8192e+00	-1.5857e-16	4.8652e-17	1.1705e+00	0.0000e+00	0.0000e+00
	2006	-1.8192e+00	1.5857e-16	-4.8652e-17	-1.1705e+00	0.0000e+00	0.0000e+00
459	1992	3.9648e+01	-1.8734e-16	4.9161e-17	6.0696e-02	0.0000e+00	0.0000e+00
	2004	-3.9648e+01	1.8734e-16	-4.9161e-17	-6.0696e-02	0.0000e+00	0.0000e+00
460	1991	4.5851e+00	-1.6468e-16	5.0495e-17	-9.8061e-01	0.0000e+00	0.0000e+00
	2003	-4.5851e+00	1.6468e-16	-5.0495e-17	9.8061e-01	0.0000e+00	0.0000e+00
461	1989	2.8995e+01	-1.0932e-16	5.4904e-17	-1.4480e+00	0.0000e+00	0.0000e+00
	2001	-2.8995e+01	1.0932e-16	-5.4904e-17	1.4480e+00	0.0000e+00	0.0000e+00
462	1988	3.0613e+00	-3.6029e-17	6.3027e-17	-2.3534e-01	0.0000e+00	0.0000e+00
	2000	-3.0613e+00	3.6029e-17	-6.3027e-17	2.3534e-01	0.0000e+00	0.0000e+00
463	1987	-5.6591e-01	-4.3285e-17	6.1790e-17	1.5678e-01	0.0000e+00	0.0000e+00
	1999	5.6591e-01	4.3285e-17	-6.1790e-17	-1.5678e-01	0.0000e+00	0.0000e+00
464	1926	5.6871e+01	8.5074e+00	-1.0349e+00	-3.0993e+01	1.5418e+02	1.2675e+03
	1981	-5.6871e+01	-8.5074e+00	1.0349e+00	3.0993e+01	0.0000e+00	0.0000e+00
465	1924	5.7470e+01	-1.9642e+00	1.4698e+00	-2.4711e+00	1.2889e+01	1.0727e+03
	1926	-5.7470e+01	1.9642e+00	-1.4698e+00	2.4711e+00	-1.5725e+02	-1.2656e+03
466	1923	5.6979e+01	-7.7512e+00	1.7812e+00	-1.1584e+00	-1.6605e+02	2.9304e+02
	1924	-5.6979e+01	7.7512e+00	-1.7812e+00	1.1584e+00	-1.3073e+01	-1.0725e+03
467	1922	6.2994e+01	-9.7256e+00	-2.6398e+00	-5.5303e+00	9.3225e+01	-6.6084e+02
	1923	-6.2994e+01	9.7256e+00	2.6398e+00	5.5303e+00	1.6596e+02	-2.9405e+02
468	1949	5.8728e+01	-2.4776e+01	-2.0138e+00	1.7343e+01	2.2296e+02	-2.2738e+03
	1922	-5.8728e+01	2.4776e+01	2.0138e+00	-1.7343e+01	-9.1764e+01	6.5963e+02
469	1921	4.5582e+01	1.2774e+01	7.5822e+00	1.8773e+01	-6.9719e+01	-1.7809e+03
	1949	-4.5582e+01	-1.2774e+01	-7.5822e+00	-1.8773e+01	-2.2281e+02	2.2738e+03

470	1920	4.2830e+01	1.1694e+01	1.1113e+00	1.6345e+01	-1.8300e+02	-5.9583e+02
	1921	-4.2830e+01	-1.1694e+01	-1.1113e+00	-1.6345e+01	7.0329e+01	1.7814e+03
471	1918	4.3789e+01	7.3264e+00	-2.3003e+00	-2.1447e+00	4.8389e+01	1.4174e+02
	1920	-4.3789e+01	-7.3264e+00	2.3003e+00	2.1447e+00	1.8372e+02	5.9751e+02
472	1917	2.3051e+01	5.9175e+00	1.0148e+00	3.1912e+00	-5.4018e+01	7.3672e+02
	1918	-2.3051e+01	-5.9175e+00	-1.0148e+00	-3.1912e+00	-4.8330e+01	-1.3989e+02
473	2107	2.3522e+01	3.6134e+00	-8.2598e-01	-2.1564e+00	3.1428e+01	1.1095e+03
	1917	-2.3522e+01	-3.6134e+00	8.2598e-01	2.1564e+00	5.4070e+01	-7.3552e+02
474	2080	3.5908e+01	-8.3791e-01	-5.8183e-01	1.2248e+00	8.8923e+01	1.0268e+03
	2107	-3.5908e+01	8.3791e-01	5.8183e-01	-1.2248e+00	-3.1478e+01	-1.1096e+03
475	2079	3.5605e+01	-4.7278e+00	-9.4190e-01	1.0863e+01	1.8308e+02	5.5214e+02
	2080	-3.5605e+01	4.7278e+00	9.4190e-01	-1.0863e+01	-8.8266e+01	-1.0281e+03
476	2056	1.2332e+01	-9.8084e-01	-6.8309e+00	-2.5851e+01	1.9193e+02	-3.4425e+01
	1959	-1.2332e+01	9.8084e-01	6.8309e+00	2.5851e+01	3.9461e+02	-4.9796e+01
477	2039	-1.6709e+00	1.7922e-01	1.7320e+00	-1.2985e+01	1.7071e+01	-1.5908e+01
	2056	1.6709e+00	-1.7922e-01	-1.7320e+00	1.2985e+01	-1.9323e+02	3.4137e+01
478	1960	-1.6533e+00	3.0090e-01	3.4131e-01	-1.1702e+01	8.8863e+00	-8.0610e+00
	2039	1.6533e+00	-3.0090e-01	-3.4131e-01	1.1702e+01	-1.7974e+01	1.6073e+01
479	2022	-2.8824e+01	-5.7245e+00	-9.3403e-01	-2.8900e+01	1.3916e+02	-8.5289e+02
	1980	2.8824e+01	5.7245e+00	9.3403e-01	2.8900e+01	0.0000e+00	0.0000e+00
480	1993	-3.5634e+01	-7.1327e-01	1.4047e+00	-3.1417e+00	4.1378e+00	-9.2049e+02
	2022	3.5634e+01	7.1327e-01	-1.4047e+00	3.1417e+00	-1.4210e+02	8.5043e+02
481	1916	-3.5524e+01	2.8847e+00	1.5402e+00	-2.7083e+00	-1.5045e+02	-6.2999e+02
	1993	3.5524e+01	-2.8847e+00	-1.5402e+00	2.7083e+00	-4.4336e+00	9.2008e+02
482	2086	-3.2254e+01	4.2275e+00	-2.5229e+00	-6.6721e+00	9.7379e+01	-2.1604e+02
	1916	3.2254e+01	-4.2275e+00	2.5229e+00	6.6721e+00	1.5033e+02	6.3112e+02
483	1948	-3.0253e+01	1.1956e+01	-1.6370e+00	1.7247e+01	2.0272e+02	5.6147e+02
	2086	3.0253e+01	-1.1956e+01	1.6370e+00	-1.7247e+01	-9.6072e+01	2.1747e+02
484	2085	-2.4366e+01	-4.8174e+00	7.9319e+00	1.8548e+01	-1.0345e+02	3.7561e+02
	1948	2.4366e+01	4.8174e+00	-7.9319e+00	-1.8548e+01	-2.0258e+02	-5.6147e+02
485	2059	-2.9896e+00	-2.8861e+00	1.7825e-01	1.4941e+01	-1.2210e+02	8.3587e+01
	2085	2.9896e+00	2.8861e+00	-1.7825e-01	-1.4941e+01	1.0403e+02	-3.7619e+02
486	2042	-3.2647e+00	-2.5707e+00	-8.9223e-01	2.5838e+00	-3.2956e+01	-1.7377e+02
	2059	3.2647e+00	2.5707e+00	8.9223e-01	-2.5838e+00	1.2298e+02	-8.5621e+01
487	2025	-1.5796e+01	-2.8113e+00	4.0521e-02	-1.0545e+00	-3.7127e+01	-4.5503e+02
	2042	1.5796e+01	2.8113e+00	-4.0521e-02	1.0545e+00	3.3040e+01	1.7149e+02
488	2008	-1.5996e+01	-1.2384e+00	-9.7803e-01	-4.7141e+00	6.4395e+01	-5.8178e+02
	2025	1.5996e+01	1.2384e+00	9.7803e-01	4.7141e+00	3.6842e+01	4.5359e+02
489	1996	-1.0978e+01	4.9093e+00	-4.8630e-01	2.2124e+00	1.1254e+02	-9.7350e+01
	2008	1.0978e+01	-4.9093e+00	4.8630e-01	-2.2124e+00	-6.4529e+01	5.8206e+02
490	1919	-1.0380e+01	6.0711e+00	2.5023e-01	1.4406e+01	8.6450e+01	5.1193e+02
	1996	1.0380e+01	-6.0711e+00	-2.5023e-01	-1.4406e+01	-1.1164e+02	9.9196e+01
491	2098	-1.5356e+00	-6.5813e+00	-5.5506e+00	-2.2176e+01	1.3878e+02	8.3265e+02
	1958	1.5356e+00	6.5813e+00	5.5506e+00	2.2176e+01	3.3782e+02	-1.3978e+03
492	2097	-3.7996e+00	-6.5561e+00	1.0064e+00	-1.2860e+01	3.7588e+01	1.6565e+02
	2098	3.7996e+00	6.5561e+00	-1.0064e+00	1.2860e+01	-1.3995e+02	-8.3248e+02
493	1961	-4.2687e+00	-6.2608e+00	5.1679e-01	-1.0078e+01	2.4667e+01	-5.4416e-01
	2097	4.2687e+00	6.2608e+00	-5.1679e-01	1.0078e+01	-3.8427e+01	-1.6616e+02
494	2065	-1.0872e+01	-2.4622e+00	-8.9221e-01	-2.6285e+01	1.3293e+02	-3.6684e+02
	1979	1.0872e+01	2.4622e+00	8.9221e-01	2.6285e+01	0.0000e+00	0.0000e+00
495	2048	-1.1138e+01	-4.4647e-01	1.3273e+00	-1.7024e+00	5.1320e+00	-4.1107e+02
	2065	1.1138e+01	4.4647e-01	-1.3273e+00	1.7024e+00	-1.3549e+02	3.6722e+02
496	2031	-1.1126e+01	6.7928e-01	1.2961e+00	-1.1760e+00	-1.2506e+02	-3.4292e+02
	2048	1.1126e+01	-6.7928e-01	-1.2961e+00	1.1760e+00	-5.2776e+00	4.1123e+02
497	2014	-1.1104e+01	9.7204e-01	-2.0943e+00	-4.4690e+00	8.0634e+01	-2.4745e+02

	2031	1.1104e+01	-9.7204e-01	2.0943e+00	4.4690e+00	1.2499e+02	3.4289e+02
498	1947	-1.0533e+01	3.6474e+00	-2.1895e+00	1.5305e+01	2.2194e+02	-9.7481e+00
	2014	1.0533e+01	-3.6474e+00	2.1895e+00	-1.5305e+01	-7.9294e+01	2.4738e+02
499	2005	-8.8165e+00	-1.2302e+00	7.2904e+00	1.6731e+01	-5.9473e+01	-5.7209e+01
	1947	8.8165e+00	1.2302e+00	-7.2904e+00	-1.6731e+01	-2.2180e+02	9.7481e+00
500	1983	-8.8539e+00	-9.2346e-01	6.1368e-02	1.4657e+01	-6.6240e+01	-1.5098e+02
	2005	8.8539e+00	9.2346e-01	-6.1368e-02	-1.4657e+01	6.0018e+01	5.7354e+01
501	1925	-8.9019e+00	-2.8202e-02	8.8845e-01	7.9203e+00	-1.5702e+02	-1.5419e+02
	1983	8.9019e+00	2.8202e-02	-8.8845e-01	-7.9203e+00	6.7378e+01	1.5134e+02
502	2125	1.0903e+01	1.9402e+00	-1.5992e+00	-9.3802e+00	4.3534e+00	4.1020e+01
	1925	-1.0903e+01	-1.9402e+00	1.5992e+00	9.3802e+00	1.5694e+02	1.5466e+02
503	2123	1.1041e+01	8.5447e-01	-1.1816e+00	-8.9046e+00	1.2757e+02	1.2917e+02
	2125	-1.1041e+01	-8.5447e-01	1.1816e+00	8.9046e+00	-5.2580e+00	-4.0719e+01
504	2122	1.6928e-01	1.3825e+00	4.2882e-01	4.8077e+00	8.5448e+01	2.6584e+02
	2123	-1.6928e-01	-1.3825e+00	-4.2882e-01	-4.8077e+00	-1.2779e+02	-1.2935e+02
505	2120	3.1823e-01	1.3559e+00	1.6315e-01	1.4048e+01	6.7999e+01	4.0293e+02
	2122	-3.1823e-01	-1.3559e+00	-1.6315e-01	-1.4048e+01	-8.4422e+01	-2.6643e+02
506	2119	-1.3096e+00	-2.6537e+00	-4.8637e+00	-2.0670e+01	1.0160e+02	3.2597e+02
	1957	1.3096e+00	2.6537e+00	4.8637e+00	2.0670e+01	3.1602e+02	-5.5383e+02
507	2118	-1.4838e+00	-2.5603e+00	4.6858e-01	-1.3842e+01	5.5098e+01	6.5543e+01
	2119	1.4838e+00	2.5603e+00	-4.6858e-01	1.3842e+01	-1.0276e+02	-3.2596e+02
508	1962	-1.6671e+00	-2.4450e+00	6.8282e-01	-9.7765e+00	3.7781e+01	2.2366e-01
	2118	1.6671e+00	2.4450e+00	-6.8282e-01	9.7765e+00	-5.5963e+01	-6.5327e+01
509	2117	-6.0741e+00	-1.6028e+00	-8.8279e-01	-2.5337e+01	1.3153e+02	-2.3880e+02
	1978	6.0741e+00	1.6028e+00	8.8279e-01	2.5337e+01	0.0000e+00	0.0000e+00
510	2115	-6.2641e+00	-4.7279e-01	1.3064e+00	-1.0243e+00	5.6327e+00	-2.8509e+02
	2117	6.2641e+00	4.7279e-01	-1.3064e+00	1.0243e+00	-1.3394e+02	2.3866e+02
511	2114	-6.2799e+00	1.6148e-01	1.1950e+00	-4.5087e-01	-1.1447e+02	-2.6869e+02
	2115	6.2799e+00	-1.6148e-01	-1.1950e+00	4.5087e-01	-5.7073e+00	2.8492e+02
512	2113	-6.2735e+00	3.2680e-01	-1.9125e+00	-3.4650e+00	7.3365e+01	-2.3645e+02
	2114	6.2735e+00	-3.2680e-01	1.9125e+00	3.4650e+00	1.1441e+02	2.6854e+02
513	1946	-6.0049e+00	1.8450e+00	-2.4673e+00	1.4509e+01	2.3275e+02	-1.1618e+02
	2113	6.0049e+00	-1.8450e+00	2.4673e+00	-1.4509e+01	-7.2000e+01	2.3638e+02
514	2112	-5.2279e+00	-3.5114e-01	6.9795e+00	1.6005e+01	-3.6672e+01	-1.2973e+02
	1946	5.2279e+00	3.5114e-01	-6.9795e+00	-1.6005e+01	-2.3261e+02	1.1618e+02
515	2111	-5.2369e+00	-1.6950e-01	2.5016e-01	1.4722e+01	-6.2567e+01	-1.4702e+02
	2112	5.2369e+00	1.6950e-01	-2.5016e-01	-1.4722e+01	3.7205e+01	1.2983e+02
516	2109	-5.2274e+00	3.5812e-01	1.1379e+00	8.3544e+00	-1.7855e+02	-1.1110e+02
	2111	5.2274e+00	-3.5812e-01	-1.1379e+00	-8.3544e+00	6.3731e+01	1.4724e+02
517	2108	5.8640e+00	1.4827e+00	-1.8175e+00	-1.1308e+01	4.9261e+00	3.8167e+01
	2109	-5.8640e+00	-1.4827e+00	1.8175e+00	1.1308e+01	1.7838e+02	1.1137e+02
518	2106	5.9817e+00	8.9661e-01	-1.4281e+00	-1.0767e+01	1.5385e+02	1.3072e+02
	2108	-5.9817e+00	-8.9661e-01	1.4281e+00	1.0767e+01	-6.0182e+00	-3.7911e+01
519	2105	1.4439e-01	1.1792e+00	7.8961e-01	5.7765e+00	7.6154e+01	2.4693e+02
	2106	-1.4439e-01	-1.1792e+00	-7.8961e-01	-5.7765e+00	-1.5411e+02	-1.3051e+02
520	2103	2.7144e-01	1.1566e+00	1.5166e-01	1.4003e+01	5.9812e+01	3.6323e+02
	2105	-2.7144e-01	-1.1566e+00	-1.5166e-01	-1.4003e+01	-7.5078e+01	-2.4681e+02
521	2102	-1.1646e+00	-2.3599e+00	-4.5897e+00	-2.0048e+01	8.6724e+01	2.8845e+02
	1956	1.1646e+00	2.3599e+00	4.5897e+00	2.0048e+01	3.0737e+02	-4.9109e+02
522	2101	-1.3196e+00	-2.2769e+00	2.5543e-01	-1.4214e+01	6.1888e+01	5.7165e+01
	2102	1.3196e+00	2.2769e+00	-2.5543e-01	1.4214e+01	-8.7869e+01	-2.8875e+02
523	1963	-1.4825e+00	-2.1744e+00	7.4707e-01	-9.6513e+00	4.2870e+01	-3.6696e-01
	2101	1.4825e+00	2.1744e+00	-7.4707e-01	9.6513e+00	-6.2762e+01	-5.7530e+01
524	2100	-2.4338e+00	-5.8998e-01	-8.6278e-01	-2.4289e+01	1.2855e+02	-8.7902e+01
	1977	2.4338e+00	5.8998e-01	8.6278e-01	2.4289e+01	0.0000e+00	0.0000e+00

525	2099	3.0455e-02	1.0187e-03	-8.5693e-01	-2.4024e+01	1.2767e+02	1.5177e-01
	1976	-3.0455e-02	-1.0187e-03	8.5693e-01	2.4024e+01	0.0000e+00	0.0000e+00
526	2096	-2.5005e+00	-1.3808e-01	1.2611e+00	-5.3585e-01	6.9550e+00	-1.0159e+02
	2100	2.5005e+00	1.3808e-01	-1.2611e+00	5.3585e-01	-1.3082e+02	8.8032e+01
527	2095	3.0134e-02	-4.5302e-03	1.2448e+00	-4.3288e-01	7.6549e+00	-2.9418e-01
	2099	-3.0134e-02	4.5302e-03	-1.2448e+00	4.3288e-01	-1.2991e+02	-1.5076e-01
528	2094	-2.5017e+00	1.1485e-01	1.1175e+00	1.6843e-01	-1.0540e+02	-9.0138e+01
	2096	2.5017e+00	-1.1485e-01	-1.1175e+00	-1.6843e-01	-6.9736e+00	1.0169e+02
529	2093	2.9523e-02	-7.5467e-03	1.1016e+00	3.4148e-01	-1.0312e+02	-1.0534e+00
	2095	-2.9523e-02	7.5467e-03	-1.1016e+00	-3.4148e-01	-7.6595e+00	2.9450e-01
530	2092	-2.4978e+00	1.8069e-01	-1.7575e+00	-2.6072e+00	6.7187e+01	-7.2445e+01
	2094	2.4978e+00	-1.8069e-01	1.7575e+00	2.6072e+00	1.0537e+02	9.0186e+01
531	2091	2.9314e-02	-8.3215e-03	-1.7184e+00	-2.3741e+00	6.5629e+01	-1.8699e+00
	2093	-2.9314e-02	8.3215e-03	1.7184e+00	2.3741e+00	1.0309e+02	1.0529e+00
532	1945	-2.3786e+00	7.8363e-01	-2.7247e+00	1.3836e+01	2.4331e+02	-2.1387e+01
	2092	2.3786e+00	-7.8363e-01	2.7247e+00	-1.3836e+01	-6.5799e+01	7.2440e+01
533	1944	2.6404e-02	-1.5211e-02	-2.7960e+00	1.3682e+01	2.4639e+02	-2.8596e+00
	2091	-2.6404e-02	1.5211e-02	2.7960e+00	-1.3682e+01	-6.4231e+01	1.8686e+00
534	2090	-2.0255e+00	-2.1750e-01	6.7051e+00	1.5400e+01	-1.5519e+01	-2.9778e+01
	1945	2.0255e+00	2.1750e-01	-6.7051e+00	-1.5400e+01	-2.4317e+02	2.1387e+01
535	2089	1.9139e-02	5.5523e-03	6.6146e+00	1.5267e+01	-8.9482e+00	-2.6454e+00
	1944	-1.9139e-02	-5.5523e-03	-6.6146e+00	-1.5267e+01	-2.4625e+02	2.8596e+00
536	2088	-2.0318e+00	-1.4708e-01	4.7709e-01	1.4852e+01	-6.4414e+01	-4.4628e+01
	2090	2.0318e+00	1.4708e-01	-4.7709e-01	-1.4852e+01	1.6044e+01	2.9716e+01
537	2087	1.9320e-02	4.8848e-03	5.9812e-01	1.4947e+01	-7.0114e+01	-2.1480e+00
	2089	-1.9320e-02	-4.8848e-03	-5.9812e-01	-1.4947e+01	9.4726e+00	2.6433e+00
538	2084	-2.0363e+00	5.8038e-02	1.2362e+00	8.2979e+00	-1.9032e+02	-3.8666e+01
	2088	2.0363e+00	-5.8038e-02	-1.2362e+00	-8.2979e+00	6.5582e+01	4.4522e+01
539	2083	1.9713e-02	2.9167e-03	1.1275e+00	7.8186e+00	-1.8503e+02	-1.8508e+00
	2087	-1.9713e-02	-2.9167e-03	-1.1275e+00	-7.8186e+00	7.1262e+01	2.1451e+00
540	2082	3.9465e+00	5.8035e-01	-1.9227e+00	-1.2662e+01	3.8499e+00	1.9998e+01
	2084	-3.9465e+00	-5.8035e-01	1.9227e+00	1.2662e+01	1.9008e+02	3.8536e+01
541	2081	3.9987e+00	2.0014e-01	-1.7958e+00	-1.2556e+01	-3.6477e+00	1.8331e+01
	2083	-3.9987e+00	-2.0014e-01	1.7958e+00	1.2556e+01	1.8477e+02	1.8547e+00
542	2078	3.9845e+00	1.8797e-01	-1.6210e+00	-1.2220e+01	1.7287e+02	3.9594e+01
	2082	-3.9845e+00	-1.8797e-01	1.6210e+00	1.2220e+01	-5.0810e+00	-2.0137e+01
543	2077	3.9989e+00	-1.9553e-01	-1.7899e+00	-1.2854e+01	1.8289e+02	-1.9085e+00
	2081	-3.9989e+00	1.9553e-01	1.7899e+00	1.2854e+01	2.3905e+00	-1.8331e+01
544	2076	4.6466e-02	3.7947e-01	1.0350e+00	6.3673e+00	7.1001e+01	7.7185e+01
	2078	-4.6466e-02	-3.7947e-01	-1.0350e+00	-6.3673e+00	-1.7318e+02	-3.9720e+01
545	2075	-3.2209e-05	-2.6304e-04	1.1832e+00	6.8108e+00	6.6398e+01	-1.9304e+00
	2077	3.2209e-05	2.6304e-04	-1.1832e+00	-6.8108e+00	-1.8321e+02	1.9044e+00
546	2072	8.7351e-02	3.7219e-01	1.7328e-01	1.4031e+01	5.2448e+01	1.1473e+02
	2076	-8.7351e-02	-3.7219e-01	-1.7328e-01	-1.4031e+01	-6.9891e+01	-7.7262e+01
547	2071	-6.0549e-05	-2.5799e-04	1.3313e-01	1.3972e+01	5.1866e+01	-1.9590e+00
	2075	6.0549e-05	2.5799e-04	-1.3313e-01	-1.3972e+01	-6.5267e+01	1.9330e+00
548	2070	-3.6729e-01	-7.4424e-01	-4.3684e+00	-1.9546e+01	7.4687e+01	9.1855e+01
	1955	3.6729e-01	7.4424e-01	4.3684e+00	1.9546e+01	3.0041e+02	-1.5576e+02
549	2069	4.7099e-03	9.5437e-03	-4.3271e+00	-1.9465e+01	7.2469e+01	-1.1707e+00
	1954	-4.7099e-03	-9.5437e-03	4.3271e+00	1.9465e+01	2.9909e+02	1.9902e+00
550	2068	-4.1615e-01	-7.1806e-01	8.4158e-02	-1.4517e+01	6.7266e+01	1.8658e+01
	2070	4.1615e-01	7.1806e-01	-8.4158e-02	1.4517e+01	-7.5826e+01	-9.1692e+01
551	2067	5.3365e-03	9.2080e-03	5.2115e-02	-1.4584e+01	6.8306e+01	-2.3433e-01
	2069	-5.3365e-03	-9.2080e-03	-5.2115e-02	1.4584e+01	-7.3606e+01	1.1709e+00
552	1964	-4.6753e-01	-6.8571e-01	7.9808e-01	-9.5605e+00	4.6896e+01	2.0030e-01

	2068	4.6753e-01	6.8571e-01	-7.9808e-01	9.5605e+00	-6.8147e+01	-1.8459e+01
553	1965	5.9954e-03	8.7932e-03	8.0808e-01	-9.5514e+00	4.7673e+01	-1.0386e-04
	2067	-5.9954e-03	-8.7932e-03	-8.0808e-01	9.5514e+00	-6.9189e+01	2.3424e-01
554	2066	2.4816e+00	5.8769e-01	-8.5866e-01	-2.4247e+01	1.2793e+02	8.7561e+01
	1975	-2.4816e+00	-5.8769e-01	8.5866e-01	2.4247e+01	0.0000e+00	0.0000e+00
555	2064	2.5471e+00	1.2715e-01	1.2431e+00	-6.0569e-01	8.1159e+00	1.0018e+02
	2066	-2.5471e+00	-1.2715e-01	-1.2431e+00	6.0569e-01	-1.3021e+02	-8.7688e+01
556	2063	2.5469e+00	-1.3043e-01	1.1302e+00	2.1605e-01	-1.0552e+02	8.7154e+01
	2064	-2.5469e+00	1.3043e-01	-1.1302e+00	-2.1605e-01	-8.1356e+00	-1.0027e+02
557	2062	2.5426e+00	-1.9745e-01	-1.7589e+00	-2.5628e+00	6.7204e+01	6.7816e+01
	2063	-2.5426e+00	1.9745e-01	1.7589e+00	2.5628e+00	1.0549e+02	-8.7202e+01
558	1943	2.4180e+00	-8.1080e-01	-2.7452e+00	1.3883e+01	2.4466e+02	1.4990e+01
	2062	-2.4180e+00	8.1080e-01	2.7452e+00	-1.3883e+01	-6.5804e+01	-6.7813e+01
559	2061	2.0525e+00	2.2577e-01	6.6906e+00	1.5456e+01	-1.3615e+01	2.3700e+01
	1943	-2.0525e+00	-2.2577e-01	-6.6906e+00	-1.5456e+01	-2.4452e+02	-1.4990e+01
560	2060	2.0591e+00	1.5440e-01	5.8580e-01	1.4974e+01	-7.3536e+01	3.9297e+01
	2061	-2.0591e+00	-1.5440e-01	-5.8580e-01	-1.4974e+01	1.4144e+01	-2.3642e+01
561	2058	2.0642e+00	-5.3493e-02	1.0014e+00	7.5014e+00	-1.7572e+02	3.3798e+01
	2060	-2.0642e+00	5.3493e-02	-1.0014e+00	-7.5014e+00	7.4669e+01	-3.9196e+01
562	2057	6.0444e+00	-7.9581e-02	-1.6242e+00	-1.1848e+01	-1.1659e+01	2.5636e+01
	2058	-6.0444e+00	7.9581e-02	1.6242e+00	1.1848e+01	1.7548e+02	-3.3662e+01
563	2055	6.0071e+00	-6.7582e-01	-1.9137e+00	-1.2941e+01	1.8765e+02	-4.4458e+01
	2057	-6.0071e+00	6.7582e-01	1.9137e+00	1.2941e+01	1.0433e+01	-2.5497e+01
564	2054	-4.6460e-02	-3.7943e-01	1.2875e+00	7.2379e+00	6.0841e+01	-8.2039e+01
	2055	4.6460e-02	3.7943e-01	-1.2875e+00	-7.2379e+00	-1.8796e+02	4.4578e+01
565	2052	-8.7341e-02	-3.7215e-01	2.8892e-02	1.3794e+01	5.6788e+01	-1.1958e+02
	2054	8.7341e-02	3.7215e-01	-2.8892e-02	-1.3794e+01	-5.9697e+01	8.2121e+01
566	2051	3.7877e-01	7.6752e-01	-4.4246e+00	-1.9722e+01	7.7550e+01	-9.4710e+01
	1953	-3.7877e-01	-7.6752e-01	4.4246e+00	1.9722e+01	3.0237e+02	1.6061e+02
567	2050	4.2916e-01	7.4052e-01	1.2217e-01	-1.4501e+01	6.6268e+01	-1.9229e+01
	2051	-4.2916e-01	-7.4052e-01	-1.2217e-01	1.4501e+01	-7.8694e+01	9.4548e+01
568	1966	4.8216e-01	7.0716e-01	7.8922e-01	-9.6174e+00	4.6136e+01	-2.0037e-01
	2050	-4.8216e-01	-7.0716e-01	-7.8922e-01	9.6174e+00	-6.7151e+01	1.9030e+01
569	2049	6.0487e+00	1.5805e+00	-8.7307e-01	-2.5238e+01	1.3008e+02	2.3548e+02
	1974	-6.0487e+00	-1.5805e+00	8.7307e-01	2.5238e+01	0.0000e+00	0.0000e+00
570	2047	6.2351e+00	4.5555e-01	1.2638e+00	-1.1898e+00	8.3790e+00	2.8007e+02
	2049	-6.2351e+00	-4.5555e-01	-1.2638e+00	1.1898e+00	-1.3250e+02	-2.3533e+02
571	2046	6.2493e+00	-1.7571e-01	1.2258e+00	-3.3856e-01	-1.1481e+02	2.6224e+02
	2047	-6.2493e+00	1.7571e-01	-1.2258e+00	3.3856e-01	-8.4563e+00	-2.7991e+02
572	2045	6.2425e+00	-3.4021e-01	-1.9169e+00	-3.3618e+00	7.3444e+01	2.2869e+02
	2046	-6.2425e+00	3.4021e-01	1.9169e+00	3.3618e+00	1.1476e+02	-2.6210e+02
573	1942	5.9716e+00	-1.8504e+00	-2.5055e+00	1.4628e+01	2.3528e+02	1.0808e+02
	2045	-5.9716e+00	1.8504e+00	2.5055e+00	-1.4628e+01	-7.2051e+01	-2.2863e+02
574	2044	5.1952e+00	3.4416e-01	6.9550e+00	1.6140e+01	-3.3190e+01	1.2136e+02
	1942	-5.1952e+00	-3.4416e-01	-6.9550e+00	-1.6140e+01	-2.3514e+02	-1.0808e+02
575	2043	5.2040e+00	1.6366e-01	4.1262e-01	1.4978e+01	-7.5564e+01	1.3806e+02
	2044	-5.2040e+00	-1.6366e-01	-4.1262e-01	-1.4978e+01	3.3730e+01	-1.2147e+02
576	2041	5.1940e+00	-3.6062e-01	8.1829e-01	7.3019e+00	-1.5925e+02	1.0191e+02
	2043	-5.1940e+00	3.6062e-01	-8.1829e-01	-7.3019e+00	7.6687e+01	-1.3830e+02
577	2040	1.1135e+01	-6.2784e-01	-1.4305e+00	-1.0240e+01	-1.4813e+01	3.8864e+01
	2041	-1.1135e+01	6.2784e-01	1.4305e+00	1.0240e+01	1.5909e+02	-1.0219e+02
578	2038	1.1019e+01	-1.7239e+00	-1.8068e+00	-1.1652e+01	1.7329e+02	-1.3932e+02
	2040	-1.1019e+01	1.7239e+00	1.8068e+00	1.1652e+01	1.3730e+01	-3.9122e+01
579	2037	-1.4404e-01	-1.1763e+00	1.1424e+00	6.9766e+00	6.0746e+01	-2.5526e+02
	2038	1.4404e-01	1.1763e+00	-1.1424e+00	-6.9766e+00	-1.7354e+02	1.3912e+02

580	2035	-2.7078e-01	-1.1538e+00	-9.6452e-02	1.3524e+01	6.9340e+01	-3.7129e+02
	2037	2.7078e-01	1.1538e+00	9.6452e-02	-1.3524e+01	-5.9631e+01	2.5514e+02
581	2034	1.1830e+00	2.3972e+00	-4.7280e+00	-2.0480e+01	9.3778e+01	-2.9302e+02
	1952	-1.1830e+00	-2.3972e+00	4.7280e+00	2.0480e+01	3.1220e+02	4.9885e+02
582	2033	1.3404e+00	2.3128e+00	3.4979e-01	-1.4174e+01	5.9358e+01	-5.8079e+01
	2034	-1.3404e+00	-2.3128e+00	-3.4979e-01	1.4174e+01	-9.4936e+01	2.9332e+02
583	1967	1.5059e+00	2.2087e+00	7.2461e-01	-9.7969e+00	4.0941e+01	3.6634e-01
	2033	-1.5059e+00	-2.2087e+00	-7.2461e-01	9.7969e+00	-6.0236e+01	5.8444e+01
584	2032	1.0561e+01	2.3775e+00	-8.7820e-01	-2.6135e+01	1.3084e+02	3.5423e+02
	1973	-1.0561e+01	-2.3775e+00	8.7820e-01	2.6135e+01	0.0000e+00	0.0000e+00
585	2030	1.0817e+01	4.1966e-01	1.2657e+00	-1.9333e+00	9.1037e+00	3.9589e+02
	2032	-1.0817e+01	-4.1966e-01	-1.2657e+00	1.9333e+00	-1.3341e+02	-3.5467e+02
586	2029	1.0804e+01	-6.7358e-01	1.3414e+00	-1.0051e+00	-1.2564e+02	3.2834e+02
	2030	-1.0804e+01	6.7358e-01	-1.3414e+00	1.0051e+00	-9.2522e+00	-3.9607e+02
587	2028	1.0783e+01	-9.5786e-01	-2.1005e+00	-4.3133e+00	8.0669e+01	2.3423e+02
	2029	-1.0783e+01	9.5786e-01	2.1005e+00	4.3133e+00	1.2557e+02	-3.2828e+02
588	1941	1.0225e+01	-3.5553e+00	-2.2446e+00	1.5465e+01	2.2553e+02	2.4295e+00
	2028	-1.0225e+01	3.5553e+00	2.2446e+00	-1.5465e+01	-7.9290e+01	-2.3406e+02
589	2027	8.5629e+00	1.1653e+00	7.2532e+00	1.6914e+01	-5.4454e+01	4.7387e+01
	1941	-8.5629e+00	-1.1653e+00	-7.2532e+00	-1.6914e+01	-2.2538e+02	-2.4295e+00
590	2026	8.5982e+00	8.6740e-01	2.5916e-01	1.5014e+01	-8.1283e+01	1.3532e+02
	2027	-8.5982e+00	-8.6740e-01	-2.5916e-01	-1.5014e+01	5.5008e+01	-4.7377e+01
591	2024	8.6418e+00	-1.8453e-03	5.3181e-01	6.7617e+00	-1.3604e+02	1.3530e+02
	2026	-8.6418e+00	1.8453e-03	-5.3181e-01	-6.7617e+00	8.2381e+01	-1.3549e+02
592	2023	1.9625e+01	-3.9834e-01	-1.1836e+00	-8.2218e+00	-1.6583e+01	9.5397e+01
	2024	-1.9625e+01	3.9834e-01	1.1836e+00	8.2218e+00	1.3596e+02	-1.3557e+02
593	2021	1.9489e+01	-2.3335e+00	-1.5881e+00	-9.8185e+00	1.4870e+02	-1.4587e+02
	2023	-1.9489e+01	2.3335e+00	1.5881e+00	9.8185e+00	1.5690e+01	-9.5666e+01
594	2020	-1.6784e-01	-1.3707e+00	8.3218e-01	6.1683e+00	6.6731e+01	-2.8124e+02
	2021	1.6784e-01	1.3707e+00	-8.3218e-01	-6.1683e+00	-1.4889e+02	1.4590e+02
595	2018	-3.1553e-01	-1.3444e+00	-1.6470e-01	1.3370e+01	8.2248e+01	-4.1700e+02
	2020	3.1553e-01	1.3444e+00	1.6470e-01	-1.3370e+01	-6.5669e+01	2.8166e+02
596	2017	1.3392e+00	2.7137e+00	-5.0759e+00	-2.1324e+01	1.1230e+02	-3.3337e+02
	1951	-1.3392e+00	-2.7137e+00	5.0759e+00	2.1324e+01	3.2355e+02	5.6639e+02
597	2016	1.5174e+00	2.6183e+00	6.1275e-01	-1.3781e+01	5.1146e+01	-6.7039e+01
	2017	-1.5174e+00	-2.6183e+00	-6.1275e-01	1.3781e+01	-1.1347e+02	3.3334e+02
598	1968	1.7048e+00	2.5003e+00	6.4774e-01	-1.0004e+01	3.4769e+01	-2.3668e-01
	2016	-1.7048e+00	-2.5003e+00	-6.4774e-01	1.0004e+01	-5.2017e+01	6.6813e+01
599	2015	2.9996e+01	6.0425e+00	-9.1131e-01	-2.8698e+01	1.3578e+02	9.0028e+02
	1972	-2.9996e+01	-6.0425e+00	9.1131e-01	2.8698e+01	0.0000e+00	0.0000e+00
600	2013	3.0594e+01	4.9348e-01	1.3070e+00	-3.5582e+00	1.0363e+01	9.4610e+02
	2015	-3.0594e+01	-4.9348e-01	-1.3070e+00	3.5582e+00	-1.3873e+02	-8.9763e+02
601	2012	3.0488e+01	-2.5951e+00	1.6152e+00	-2.4947e+00	-1.5176e+02	6.8467e+02
	2013	-3.0488e+01	2.5951e+00	-1.6152e+00	2.4947e+00	-1.0669e+01	-9.4564e+02
602	2011	3.6504e+01	-3.8627e+00	-2.5404e+00	-6.4887e+00	9.7780e+01	3.0664e+02
	2012	-3.6504e+01	3.8627e+00	2.5404e+00	6.4887e+00	1.5164e+02	-6.8589e+02
603	1940	3.4464e+01	-1.2637e+01	-1.6500e+00	1.7523e+01	2.0391e+02	-5.1500e+02
	2011	-3.4464e+01	1.2637e+01	1.6500e+00	-1.7523e+01	-9.6416e+01	-3.0832e+02
604	2010	2.8683e+01	3.7871e+00	7.9456e+00	1.8831e+01	-1.0278e+02	-3.6889e+02
	1940	-2.8683e+01	-3.7871e+00	-7.9456e+00	-1.8831e+01	-2.0377e+02	5.1500e+02
605	2009	2.5198e+01	3.3682e+00	-3.7058e-02	1.5252e+01	-9.9619e+01	-2.7570e+01
	2010	-2.5198e+01	-3.3682e+00	3.7058e-02	-1.5252e+01	1.0338e+02	3.6906e+02
606	2007	2.5409e+01	8.1651e-01	-1.9614e-01	5.1549e+00	-8.0856e+01	5.3224e+01
	2009	-2.5409e+01	-8.1651e-01	1.9614e-01	-5.1549e+00	1.0065e+02	2.9164e+01
607	2006	2.0422e+01	2.9550e+00	-9.8607e-01	-3.7542e+00	1.8520e+01	3.4930e+02

	2007	-2.0422e+01	-2.9550e+00	9.8607e-01	3.7542e+00	8.0934e+01	-5.1261e+01
608	2004	2.0614e+01	9.2477e-01	9.5962e-03	-1.9079e+00	1.7806e+01	4.4365e+02
	2006	-2.0614e+01	-9.2477e-01	-9.5962e-03	1.9079e+00	-1.8800e+01	-3.4792e+02
609	2003	3.2555e+01	-3.1721e+00	-1.1138e+00	1.4125e-02	1.2787e+02	1.3052e+02
	2004	-3.2555e+01	3.1721e+00	1.1138e+00	-1.4125e-02	-1.7908e+01	-4.4371e+02
610	2001	3.2019e+01	-6.6844e+00	2.3440e-01	1.3884e+01	1.0352e+02	-5.4087e+02
	2003	-3.2019e+01	6.6844e+00	-2.3440e-01	-1.3884e+01	-1.2711e+02	-1.3200e+02
611	2000	1.5391e+01	5.4014e+00	-5.9117e+00	-2.3273e+01	1.5718e+02	-8.1191e+02
	1950	-1.5391e+01	-5.4014e+00	5.9117e+00	2.3273e+01	3.5044e+02	1.2757e+03
612	1999	2.0405e+00	6.3098e+00	1.2587e+00	-1.2728e+01	3.0355e+01	-1.7004e+02
	2000	-2.0405e+00	-6.3098e+00	-1.2587e+00	1.2728e+01	-1.5838e+02	8.1181e+02
613	1969	2.4963e+00	6.1437e+00	4.5231e-01	-1.0474e+01	1.9161e+01	-6.9634e+00
	1999	-2.4963e+00	-6.1437e+00	-4.5231e-01	1.0474e+01	-3.1204e+01	1.7055e+02
614	1982	-5.7636e+01	-8.8370e+00	-1.0864e+00	-3.3935e+01	1.6187e+02	-1.3166e+03
	1971	5.7636e+01	8.8370e+00	1.0864e+00	3.3935e+01	0.0000e+00	0.0000e+00
615	1984	-6.4386e+01	1.4667e+00	1.7584e+00	-3.9700e+00	-7.3593e+00	-1.1705e+03
	1982	6.4386e+01	-1.4667e+00	-1.7584e+00	3.9700e+00	-1.6534e+02	1.3146e+03
616	1985	-6.3910e+01	7.9539e+00	1.5078e+00	-4.6921e+00	-1.5855e+02	-3.7045e+02
	1984	6.3910e+01	-7.9539e+00	-1.5078e+00	4.6921e+00	6.9213e+00	1.1703e+03
617	1986	-6.0063e+01	1.0098e+01	-2.7899e+00	-8.8651e+00	1.1555e+02	6.1991e+02
	1985	6.0063e+01	-1.0098e+01	2.7899e+00	8.8651e+00	1.5837e+02	3.7154e+02
618	1938	-5.5795e+01	2.4423e+01	-7.7839e-01	1.9546e+01	1.6494e+02	2.2097e+03
	1986	5.5795e+01	-2.4423e+01	7.7839e-01	-1.9546e+01	-1.1423e+02	-6.1852e+02
619	1998	-4.2833e+01	-1.2615e+01	9.0150e+00	2.0603e+01	-1.8302e+02	1.7230e+03
	1938	4.2833e+01	1.2615e+01	-9.0150e+00	-2.0603e+01	-1.6479e+02	-2.2097e+03
620	1997	-1.8526e+01	-9.8773e+00	-9.3225e-01	1.4234e+01	-8.9103e+01	7.2179e+02
	1998	1.8526e+01	9.8773e+00	9.3225e-01	-1.4234e+01	1.8362e+02	-1.7232e+03
621	1995	-1.9426e+01	-7.9637e+00	-3.8838e-01	5.1994e+00	-5.0894e+01	-8.0350e+01
	1997	1.9426e+01	7.9637e+00	3.8838e-01	-5.1994e+00	9.0083e+01	-7.2321e+02
622	1994	-3.2275e+01	-6.3870e+00	-8.3168e-01	-4.2765e-01	3.2724e+01	-7.2285e+02
	1995	3.2275e+01	6.3870e+00	8.3168e-01	4.2765e-01	5.1158e+01	7.8666e+01
623	1992	-3.2748e+01	-3.1700e+00	9.8754e-01	2.8045e+00	-6.9615e+01	-1.0498e+03
	1994	3.2748e+01	3.1700e+00	-9.8754e-01	-2.8045e+00	-3.2607e+01	7.2168e+02
624	1991	-1.1308e+01	1.5429e+00	-2.8081e+00	-4.6725e+00	2.0774e+02	-8.9741e+02
	1992	1.1308e+01	-1.5429e+00	2.8081e+00	4.6725e+00	6.9515e+01	1.0497e+03
625	1989	-1.1074e+01	2.7603e+00	1.7770e+00	1.7888e+01	2.8144e+01	-6.2053e+02
	1991	1.1074e+01	-2.7603e+00	-1.7770e+00	-1.7888e+01	-2.0702e+02	8.9839e+02
626	1988	1.8551e+00	5.9910e-01	-5.3474e+00	-2.1157e+01	1.3998e+02	-4.9695e+01
	1939	-1.8551e+00	-5.9910e-01	5.3474e+00	2.1157e+01	3.1918e+02	1.0114e+02
627	1987	2.2609e-01	3.9012e-01	1.0435e+00	-1.1764e+01	3.4945e+01	-1.0254e+01
	1988	-2.2609e-01	-3.9012e-01	-1.0435e+00	1.1764e+01	-1.4108e+02	4.9933e+01
628	1970	2.5401e-01	3.7254e-01	4.7760e-01	-9.1778e+00	2.2995e+01	-1.7724e-01
	1987	-2.5401e-01	-3.7254e-01	-4.7760e-01	9.1778e+00	-3.5712e+01	1.0097e+01
629	1910	0.0000e+00	2.7774e-03	0.0000e+00	1.9165e+01	0.0000e+00	4.9681e-01
	28	0.0000e+00	-2.7774e-03	0.0000e+00	-1.9165e+01	0.0000e+00	2.2551e-02
630	1905	0.0000e+00	-1.1694e+02	0.0000e+00	-3.7051e+02	0.0000e+00	-6.5051e+03
	33	0.0000e+00	1.1694e+02	0.0000e+00	3.7051e+02	0.0000e+00	-1.5362e+04
631	1915	0.0000e+00	1.1668e+02	0.0000e+00	-3.7636e+02	0.0000e+00	6.4864e+03
	23	0.0000e+00	-1.1668e+02	0.0000e+00	3.7636e+02	0.0000e+00	1.5333e+04
632	1894	3.8939e+01	4.2313e+01	1.0349e+00	-2.4130e+01	-1.4674e+02	5.2045e+03
	1981	-3.8939e+01	-4.2313e+01	-1.0349e+00	2.4130e+01	1.9450e+01	0.0000e+00
633	1895	-1.8849e+01	-2.2546e+01	9.3403e-01	-2.2501e+01	-1.3302e+02	-2.7731e+03
	1980	1.8849e+01	2.2546e+01	-9.3403e-01	2.2501e+01	1.8136e+01	1.4552e-11
634	1896	-6.9192e+00	-8.7395e+00	8.9221e-01	-2.0465e+01	-1.2624e+02	-1.0750e+03
	1979	6.9192e+00	8.7395e+00	-8.9221e-01	2.0465e+01	1.6496e+01	0.0000e+00

635	1897	-3.7233e+00	-5.0597e+00	8.8279e-01	-1.9726e+01	-1.2448e+02	-6.2234e+02
	1978	3.7233e+00	5.0597e+00	-8.8279e-01	1.9726e+01	1.5900e+01	-1.0914e-11
636	1898	-1.5247e+00	-1.9867e+00	8.6278e-01	-1.8911e+01	-1.2136e+02	-2.4437e+02
	1977	1.5247e+00	1.9867e+00	-8.6278e-01	1.8911e+01	1.5243e+01	-1.8190e-12
637	1899	2.3072e-02	1.9905e-02	8.5693e-01	-1.8704e+01	-1.2048e+02	2.4484e+00
	1976	-2.3072e-02	-1.9905e-02	-8.5693e-01	1.8704e+01	1.5076e+01	-3.5527e-15
638	1900	1.5633e+00	2.0149e+00	8.5866e-01	-1.8878e+01	-1.2083e+02	2.4784e+02
	1975	-1.5633e+00	-2.0149e+00	-8.5866e-01	1.8878e+01	1.5216e+01	0.0000e+00
639	1901	3.7174e+00	5.0264e+00	8.7307e-01	-1.9649e+01	-1.2323e+02	6.1825e+02
	1974	-3.7174e+00	-5.0264e+00	-8.7307e-01	1.9649e+01	1.5838e+01	-7.2760e-12
640	1902	6.7303e+00	8.4785e+00	8.7820e-01	-2.0348e+01	-1.2442e+02	1.0429e+03
	1973	-6.7303e+00	-8.4785e+00	-8.7820e-01	2.0348e+01	1.6401e+01	0.0000e+00
641	1903	1.9562e+01	2.3529e+01	9.1131e-01	-2.2344e+01	-1.3010e+02	2.8940e+03
	1972	-1.9562e+01	-2.3529e+01	-9.1131e-01	2.2344e+01	1.8010e+01	-7.2760e-12
642	1904	-3.9328e+01	-4.3050e+01	1.0864e+00	-2.6421e+01	-1.5493e+02	-5.2951e+03
	1971	3.9328e+01	4.3050e+01	-1.0864e+00	2.6421e+01	2.1296e+01	0.0000e+00
2422	55	4.5475e-13	-4.9446e+00	-1.1369e-13	6.6919e+02	0.0000e+00	-9.4293e+02
	56	-4.5475e-13	4.9446e+00	1.1369e-13	-6.6919e+02	0.0000e+00	-1.0349e+03
2423	54	-4.5475e-13	-3.3626e+00	0.0000e+00	5.4649e+02	0.0000e+00	-7.3332e+02
	55	4.5475e-13	3.3626e+00	0.0000e+00	-5.4649e+02	0.0000e+00	-7.4623e+02
2424	53	0.0000e+00	-7.5753e+00	1.1369e-13	5.2549e+02	0.0000e+00	-1.0577e+03
	54	0.0000e+00	7.5753e+00	-1.1369e-13	-5.2549e+02	0.0000e+00	-1.0634e+03
2425	52	0.0000e+00	-3.2759e+00	0.0000e+00	5.8391e+02	7.2760e-12	-7.3080e+02
	53	0.0000e+00	3.2759e+00	0.0000e+00	-5.8391e+02	0.0000e+00	-7.1060e+02
2426	51	-9.0949e-13	-5.1430e+00	-1.4211e-14	5.5342e+02	0.0000e+00	-8.8844e+02
	52	9.0949e-13	5.1430e+00	1.4211e-14	-5.5342e+02	0.0000e+00	-9.1162e+02
2427	50	-9.0949e-13	-5.1431e+00	0.0000e+00	5.5342e+02	-3.6380e-12	-9.1162e+02
	51	9.0949e-13	5.1431e+00	0.0000e+00	-5.5342e+02	-3.6380e-12	-8.8844e+02
2428	49	0.0000e+00	-3.2759e+00	0.0000e+00	5.8390e+02	3.6380e-12	-7.1060e+02
	50	0.0000e+00	3.2759e+00	0.0000e+00	-5.8390e+02	7.2760e-12	-7.3080e+02
2429	48	9.0949e-13	-7.5751e+00	0.0000e+00	5.2549e+02	0.0000e+00	-1.0634e+03
	49	-9.0949e-13	7.5751e+00	0.0000e+00	-5.2549e+02	0.0000e+00	-1.0577e+03
2430	47	0.0000e+00	-3.3633e+00	0.0000e+00	5.4655e+02	0.0000e+00	-7.4643e+02
	48	0.0000e+00	3.3633e+00	0.0000e+00	-5.4655e+02	0.0000e+00	-7.3344e+02
2431	35	4.5475e-13	-4.9427e+00	-1.1369e-13	6.6899e+02	0.0000e+00	-1.0345e+03
	47	-4.5475e-13	4.9427e+00	1.1369e-13	-6.6899e+02	0.0000e+00	-9.4260e+02
2432	45	0.0000e+00	4.2465e+01	-1.1369e-13	1.5463e+03	0.0000e+00	8.1058e+03
	46	0.0000e+00	-4.2465e+01	1.1369e-13	-1.5463e+03	0.0000e+00	8.8800e+03
2433	44	0.0000e+00	2.8424e+01	0.0000e+00	1.5198e+03	1.4552e-11	6.1844e+03
	45	0.0000e+00	-2.8424e+01	0.0000e+00	-1.5198e+03	1.4552e-11	6.3220e+03
2434	43	0.0000e+00	6.5902e+01	-1.1369e-13	1.4968e+03	2.9104e-11	9.2348e+03
	44	0.0000e+00	-6.5902e+01	1.1369e-13	-1.4968e+03	1.4552e-11	9.2176e+03
2435	42	3.6380e-12	2.9005e+01	0.0000e+00	1.4999e+03	7.2760e-12	6.4461e+03
	43	-3.6380e-12	-2.9005e+01	0.0000e+00	-1.4999e+03	3.6380e-12	6.3160e+03
2436	65	0.0000e+00	-3.8623e+01	-1.1369e-13	1.3288e+03	0.0000e+00	-7.3728e+03
	66	0.0000e+00	3.8623e+01	1.1369e-13	-1.3288e+03	0.0000e+00	-8.0763e+03
2437	64	0.0000e+00	-2.5262e+01	0.0000e+00	1.2551e+03	0.0000e+00	-5.4987e+03
	65	0.0000e+00	2.5262e+01	0.0000e+00	-1.2551e+03	0.0000e+00	-5.6164e+03
2438	63	0.0000e+00	-5.9043e+01	1.1369e-13	1.2398e+03	-1.4552e-11	-8.2771e+03
	64	0.0000e+00	5.9043e+01	-1.1369e-13	-1.2398e+03	-1.4552e-11	-8.2550e+03
2439	62	0.0000e+00	-2.6192e+01	0.0000e+00	1.2658e+03	7.2760e-12	-5.8168e+03
	63	0.0000e+00	2.6192e+01	0.0000e+00	-1.2658e+03	3.6380e-12	-5.7078e+03
2440	61	3.6380e-12	-4.0140e+01	-1.4211e-14	1.2513e+03	3.6380e-12	-6.9531e+03
	62	-3.6380e-12	4.0140e+01	1.4211e-14	-1.2513e+03	3.6380e-12	-7.0958e+03
2441	41	0.0000e+00	4.4736e+01	0.0000e+00	1.4991e+03	0.0000e+00	7.7457e+03

	42	0.0000e+00	-4.4736e+01	0.0000e+00	-1.4991e+03	1.8190e-12	7.9117e+03
2442	40	0.0000e+00	4.4735e+01	0.0000e+00	1.4991e+03	-1.8190e-12	7.9117e+03
	41	0.0000e+00	-4.4735e+01	0.0000e+00	-1.4991e+03	0.0000e+00	7.7457e+03
2443	39	0.0000e+00	2.9004e+01	-2.8422e-14	1.4999e+03	0.0000e+00	6.3159e+03
	40	0.0000e+00	-2.9004e+01	2.8422e-14	-1.4999e+03	0.0000e+00	6.4460e+03
2444	38	0.0000e+00	6.5900e+01	0.0000e+00	1.4968e+03	1.4552e-11	9.2174e+03
	39	0.0000e+00	-6.5900e+01	0.0000e+00	-1.4968e+03	0.0000e+00	9.2345e+03
2445	37	0.0000e+00	2.8423e+01	0.0000e+00	1.5197e+03	0.0000e+00	6.3218e+03
	38	0.0000e+00	-2.8423e+01	0.0000e+00	-1.5197e+03	-1.4552e-11	6.1842e+03
2446	34	0.0000e+00	4.2468e+01	0.0000e+00	1.5464e+03	0.0000e+00	8.8806e+03
	37	0.0000e+00	-4.2468e+01	0.0000e+00	-1.5464e+03	0.0000e+00	8.1066e+03
2447	60	0.0000e+00	-4.0140e+01	-1.4211e-14	1.2513e+03	-5.4570e-12	-7.0958e+03
	61	0.0000e+00	4.0140e+01	1.4211e-14	-1.2513e+03	-3.6380e-12	-6.9532e+03
2448	59	-3.6380e-12	-2.6192e+01	-2.8422e-14	1.2658e+03	0.0000e+00	-5.7078e+03
	60	3.6380e-12	2.6192e+01	2.8422e-14	-1.2658e+03	0.0000e+00	-5.8169e+03
2449	58	3.6380e-12	-5.9044e+01	1.1369e-13	1.2398e+03	0.0000e+00	-8.2551e+03
	59	-3.6380e-12	5.9044e+01	-1.1369e-13	-1.2398e+03	0.0000e+00	-8.2772e+03
2450	57	0.0000e+00	-2.5265e+01	-5.6843e-14	1.2552e+03	1.4552e-11	-5.6174e+03
	58	0.0000e+00	2.5265e+01	5.6843e-14	-1.2552e+03	0.0000e+00	-5.4995e+03
2451	36	0.0000e+00	-3.8612e+01	0.0000e+00	1.3285e+03	-1.4552e-11	-8.0741e+03
	57	0.0000e+00	3.8612e+01	0.0000e+00	-1.3285e+03	0.0000e+00	-7.3707e+03
2452	56	0.0000e+00	-3.2724e+02	-7.1054e-15	4.8496e+03	0.0000e+00	-6.0249e+04
	46	0.0000e+00	3.2724e+02	7.1054e-15	-4.8496e+03	-2.7285e-12	-8.2426e+04
2453	66	0.0000e+00	-5.3768e+02	2.8422e-14	4.7104e+03	-7.2760e-12	-9.3487e+04
	56	0.0000e+00	5.3768e+02	-2.8422e-14	-4.7104e+03	-7.2760e-12	-6.9969e+04
2454	55	0.0000e+00	-2.5744e+02	1.4211e-14	3.6428e+03	-3.6380e-12	-4.7212e+04
	45	0.0000e+00	2.5744e+02	-1.4211e-14	-3.6428e+03	-2.7285e-12	-6.5030e+04
2455	65	0.0000e+00	-4.2373e+02	-2.8422e-14	3.4883e+03	0.0000e+00	-7.3816e+04
	55	0.0000e+00	4.2373e+02	2.8422e-14	-3.4883e+03	0.0000e+00	-5.4998e+04
2456	54	0.0000e+00	-1.8252e+02	1.4211e-14	3.4120e+03	0.0000e+00	-3.3540e+04
	44	0.0000e+00	1.8252e+02	-1.4211e-14	-3.4120e+03	9.0949e-13	-4.6037e+04
2457	64	0.0000e+00	-2.9835e+02	2.8422e-14	3.2580e+03	-7.2760e-12	-5.1980e+04
	54	0.0000e+00	2.9835e+02	-2.8422e-14	-3.2580e+03	-7.2760e-12	-3.8718e+04
2458	53	0.0000e+00	-1.3403e+02	1.4211e-14	3.4231e+03	0.0000e+00	-2.4659e+04
	43	0.0000e+00	1.3403e+02	-1.4211e-14	-3.4231e+03	-9.0949e-13	-3.3778e+04
2459	63	0.0000e+00	-2.1830e+02	0.0000e+00	3.2969e+03	-7.2760e-12	-3.8030e+04
	53	0.0000e+00	2.1830e+02	0.0000e+00	-3.2969e+03	-7.2760e-12	-2.8332e+04
2460	52	-3.6380e-12	-5.9825e+01	1.4211e-14	3.6536e+03	3.6380e-12	-1.0986e+04
	42	3.6380e-12	5.9825e+01	-1.4211e-14	-3.6536e+03	2.7285e-12	-1.5098e+04
2461	62	0.0000e+00	-9.8177e+01	-5.6843e-14	3.4923e+03	-7.2760e-12	-1.7099e+04
	52	0.0000e+00	9.8177e+01	5.6843e-14	-3.4923e+03	-7.2760e-12	-1.2747e+04
2462	51	1.3307e-18	-6.1628e-04	0.0000e+00	3.4229e+03	0.0000e+00	-1.2959e-01
	41	-1.3307e-18	6.1628e-04	0.0000e+00	-3.4229e+03	-9.0949e-13	-1.3911e-01
2463	61	6.5697e-18	-3.9546e-05	0.0000e+00	3.2833e+03	-7.2760e-12	-2.6862e-02
	51	-6.5697e-18	3.9546e-05	0.0000e+00	-3.2833e+03	-7.2760e-12	1.4840e-02
2464	50	0.0000e+00	5.9824e+01	-7.1054e-15	3.6536e+03	0.0000e+00	1.0986e+04
	40	0.0000e+00	-5.9824e+01	7.1054e-15	-3.6536e+03	-9.0949e-13	1.5098e+04
2465	60	0.0000e+00	9.8177e+01	5.6843e-14	3.4923e+03	-7.2760e-12	1.7099e+04
	50	0.0000e+00	-9.8177e+01	-5.6843e-14	-3.4923e+03	-7.2760e-12	1.2747e+04
2466	49	0.0000e+00	1.3403e+02	1.4211e-14	3.4232e+03	0.0000e+00	2.4659e+04
	39	0.0000e+00	-1.3403e+02	-1.4211e-14	-3.4232e+03	0.0000e+00	3.3778e+04
2467	59	0.0000e+00	2.1829e+02	0.0000e+00	3.2970e+03	-7.2760e-12	3.8030e+04
	49	0.0000e+00	-2.1829e+02	0.0000e+00	-3.2970e+03	-7.2760e-12	2.8332e+04
2468	48	1.4552e-11	1.8252e+02	-1.4211e-14	3.4120e+03	0.0000e+00	3.3540e+04
	38	-1.4552e-11	-1.8252e+02	1.4211e-14	-3.4120e+03	0.0000e+00	4.6038e+04

2469	58	-2.9104e-11	2.9835e+02	0.0000e+00	3.2580e+03	0.0000e+00	5.1980e+04
	48	2.9104e-11	-2.9835e+02	0.0000e+00	-3.2580e+03	0.0000e+00	3.8718e+04
2470	47	1.4552e-11	2.5744e+02	0.0000e+00	3.6427e+03	0.0000e+00	4.7213e+04
	37	-1.4552e-11	-2.5744e+02	0.0000e+00	-3.6427e+03	-2.7285e-12	6.5031e+04
2471	57	0.0000e+00	4.2372e+02	-5.6843e-14	3.4886e+03	0.0000e+00	7.3814e+04
	47	0.0000e+00	-4.2372e+02	5.6843e-14	-3.4886e+03	0.0000e+00	5.4996e+04
2472	35	0.0000e+00	3.2723e+02	-7.1054e-15	4.8492e+03	0.0000e+00	6.0246e+04
	34	0.0000e+00	-3.2723e+02	7.1054e-15	-4.8492e+03	-2.7285e-12	8.2424e+04
2473	36	0.0000e+00	5.3771e+02	0.0000e+00	4.7105e+03	-3.6380e-12	9.3491e+04
	35	0.0000e+00	-5.3771e+02	0.0000e+00	-4.7105e+03	0.0000e+00	6.9974e+04
2474	33	-5.0444e+02	5.1120e+02	-8.3566e+01	-5.4052e+03	2.2474e+04	1.2142e+05
	66	5.0444e+02	-5.1120e+02	8.3566e+01	5.4052e+03	1.2875e+04	9.4816e+04
2475	22	2.1539e+02	6.4797e+02	-7.9974e+00	-5.4052e+03	2.2088e+03	1.4320e+05
	56	-2.1539e+02	-6.4797e+02	7.9974e+00	5.4052e+03	1.1741e+03	1.3089e+05
2476	21	1.6471e+02	4.9907e+02	-1.0680e+01	-5.4052e+03	2.6739e+03	1.0902e+05
	55	-1.6471e+02	-4.9907e+02	1.0680e+01	5.4052e+03	1.8436e+03	1.0209e+05
2477	32	-4.2171e+02	3.9330e+02	-9.3873e+01	-5.4052e+03	2.3144e+04	9.2626e+04
	65	4.2171e+02	-3.9330e+02	9.3873e+01	5.4052e+03	1.6564e+04	7.3742e+04
2478	20	1.2005e+02	3.5325e+02	-1.1120e+01	-5.4052e+03	2.7532e+03	7.7188e+04
	54	-1.2005e+02	-3.5325e+02	1.1120e+01	5.4052e+03	1.9507e+03	7.2237e+04
2479	19	7.9966e+01	2.5963e+02	-1.0628e+01	-5.4052e+03	2.6012e+03	5.6774e+04
	53	-7.9966e+01	-2.5963e+02	1.0628e+01	5.4052e+03	1.8945e+03	5.3049e+04
2480	8	1.7329e+02	1.8921e+02	1.0676e+02	-5.4052e+03	-2.6062e+04	4.6255e+04
	43	-1.7329e+02	-1.8921e+02	-1.0676e+02	5.4052e+03	-1.9097e+04	3.3781e+04
2481	9	1.5026e+02	2.5806e+02	1.0534e+02	-5.4052e+03	-2.5624e+04	6.3146e+04
	44	-1.5026e+02	-2.5806e+02	-1.0534e+02	5.4052e+03	-1.8937e+04	4.6015e+04
2482	10	2.8941e+02	3.6551e+02	1.0350e+02	-5.4052e+03	-2.5584e+04	8.9605e+04
	45	-2.8941e+02	-3.6551e+02	-1.0350e+02	5.4052e+03	-1.8195e+04	6.5004e+04
2483	11	2.4469e+02	4.7632e+02	9.0154e+01	-5.4052e+03	-2.4281e+04	1.1751e+05
	46	-2.4469e+02	-4.7632e+02	-9.0154e+01	5.4052e+03	-1.3854e+04	8.3972e+04
2484	31	-2.6022e+02	2.7661e+02	-9.4730e+01	-5.4052e+03	2.2973e+04	6.5040e+04
	64	2.6022e+02	-2.7661e+02	9.4730e+01	5.4052e+03	1.7098e+04	5.1964e+04
2485	30	-2.4733e+02	2.0238e+02	-9.7008e+01	-5.4052e+03	2.3667e+04	4.7549e+04
	63	2.4733e+02	-2.0238e+02	9.7008e+01	5.4052e+03	1.7367e+04	3.8056e+04
2486	18	4.0219e+01	1.1590e+02	-1.0486e+01	-5.4052e+03	2.6320e+03	2.5326e+04
	52	-4.0219e+01	-1.1590e+02	1.0486e+01	5.4052e+03	1.8037e+03	2.3702e+04
2487	6	-2.1399e-02	7.9909e-04	1.0628e+02	-5.4052e+03	-2.5920e+04	1.9912e-01
	41	2.1399e-02	-7.9909e-04	-1.0628e+02	5.4052e+03	-1.9037e+04	1.3890e-01
2488	29	-8.3017e+01	9.1004e+01	-9.3482e+01	-5.4052e+03	2.3052e+04	2.1410e+04
	62	8.3017e+01	-9.1004e+01	9.3482e+01	5.4052e+03	1.6490e+04	1.7085e+04
2489	17	-5.5733e-04	5.4579e-04	-1.0829e+01	-5.4052e+03	2.6641e+03	1.1766e-01
	51	5.5733e-04	-5.4579e-04	1.0829e+01	5.4052e+03	1.9164e+03	1.1321e-01
2490	7	4.5168e+01	8.4748e+01	1.0315e+02	-5.4052e+03	-2.5498e+04	2.0751e+04
	42	-4.5168e+01	-8.4748e+01	-1.0315e+02	5.4052e+03	-1.8134e+04	1.5097e+04
2491	5	-4.5205e+01	8.4746e+01	1.0315e+02	-5.4052e+03	-2.5498e+04	-2.0751e+04
	40	4.5205e+01	-8.4746e+01	-1.0315e+02	5.4052e+03	-1.8134e+04	-1.5097e+04
2492	28	-1.0840e-02	1.4419e-04	-9.6236e+01	-5.4052e+03	2.3433e+04	3.4038e-02
	61	1.0840e-02	-1.4419e-04	9.6236e+01	5.4052e+03	1.7275e+04	2.6954e-02
2493	16	-4.0220e+01	-1.1590e+02	-1.0486e+01	-5.4052e+03	2.6320e+03	-2.5325e+04
	50	4.0220e+01	1.1590e+02	1.0486e+01	5.4052e+03	1.8037e+03	-2.3702e+04
2494	27	8.2991e+01	-9.1004e+01	-9.3482e+01	-5.4052e+03	2.3052e+04	-2.1410e+04
	60	-8.2991e+01	9.1004e+01	9.3482e+01	5.4052e+03	1.6490e+04	-1.7084e+04
2495	4	-1.7328e+02	-1.8921e+02	1.0676e+02	-5.4052e+03	-2.6061e+04	-4.6255e+04
	39	1.7328e+02	1.8921e+02	-1.0676e+02	5.4052e+03	-1.9097e+04	-3.3781e+04
2496	15	-7.9967e+01	-2.5963e+02	-1.0628e+01	-5.4052e+03	2.6011e+03	-5.6774e+04

	49	7.9967e+01	2.5963e+02	1.0628e+01	5.4052e+03	1.8945e+03	-5.3049e+04
2497	26	2.4729e+02	-2.0238e+02	-9.7007e+01	-5.4052e+03	2.3667e+04	-4.7549e+04
	59	-2.4729e+02	2.0238e+02	9.7007e+01	5.4052e+03	1.7367e+04	-3.8056e+04
2498	3	-1.5010e+02	-2.5807e+02	1.0534e+02	-5.4052e+03	-2.5623e+04	-6.3147e+04
	38	1.5010e+02	2.5807e+02	-1.0534e+02	5.4052e+03	-1.8937e+04	-4.6015e+04
2499	14	-1.2004e+02	-3.5325e+02	-1.1121e+01	-5.4052e+03	2.7533e+03	-7.7188e+04
	48	1.2004e+02	3.5325e+02	1.1121e+01	5.4052e+03	1.9508e+03	-7.2237e+04
2500	25	2.6016e+02	-2.7660e+02	-9.4732e+01	-5.4052e+03	2.2974e+04	-6.5039e+04
	58	-2.6016e+02	2.7660e+02	9.4732e+01	5.4052e+03	1.7098e+04	-5.1964e+04
2501	2	-2.8908e+02	-3.6551e+02	1.0350e+02	-5.4052e+03	-2.5585e+04	-8.9605e+04
	37	2.8908e+02	3.6551e+02	-1.0350e+02	5.4052e+03	-1.8196e+04	-6.5004e+04
2502	13	-1.6470e+02	-4.9906e+02	-1.0678e+01	-5.4052e+03	2.6738e+03	-1.0902e+05
	47	1.6470e+02	4.9906e+02	1.0678e+01	5.4052e+03	1.8432e+03	-1.0209e+05
2503	24	4.2241e+02	-3.9330e+02	-9.3865e+01	-5.4052e+03	2.3142e+04	-9.2624e+04
	57	-4.2241e+02	3.9330e+02	9.3865e+01	5.4052e+03	1.6563e+04	-7.3740e+04
2504	1	-2.4523e+02	-4.7631e+02	9.0169e+01	-5.4052e+03	-2.4284e+04	-1.1751e+05
	34	2.4523e+02	4.7631e+02	-9.0169e+01	5.4052e+03	-1.3857e+04	-8.3971e+04
2505	12	-2.1543e+02	-6.4798e+02	-7.9901e+00	-5.4052e+03	2.2067e+03	-1.4321e+05
	35	2.1543e+02	6.4798e+02	7.9901e+00	5.4052e+03	1.1732e+03	-1.3089e+05
2506	23	5.0307e+02	-5.1121e+02	-8.3547e+01	-5.4052e+03	2.2469e+04	-1.2142e+05
	36	-5.0307e+02	5.1121e+02	8.3547e+01	5.4052e+03	1.2872e+04	-9.4820e+04
654	1906	0.0000e+00	2.1284e+01	0.0000e+00	-3.6667e+03	0.0000e+00	-1.5610e+03
	1905	0.0000e+00	1.1662e+02	0.0000e+00	6.5051e+03	0.0000e+00	-3.7051e+02
655	1907	0.0000e+00	7.4618e-01	0.0000e+00	-1.9949e+03	0.0000e+00	2.6997e+02
	1906	0.0000e+00	-1.3707e+01	0.0000e+00	3.6667e+03	0.0000e+00	1.5610e+03
656	1908	0.0000e+00	1.0521e+00	0.0000e+00	-1.3987e+03	0.0000e+00	9.3576e+01
	1907	0.0000e+00	2.2131e+00	0.0000e+00	1.9949e+03	0.0000e+00	-2.6997e+02
657	1909	0.0000e+00	5.5488e-01	0.0000e+00	-9.1207e+02	0.0000e+00	1.9890e+01
	1908	0.0000e+00	1.5795e+00	0.0000e+00	1.3987e+03	0.0000e+00	-9.3576e+01
658	1910	0.0000e+00	9.1747e-02	0.0000e+00	-8.0503e+02	0.0000e+00	9.1635e+00
	1909	0.0000e+00	2.7506e-01	0.0000e+00	9.1207e+02	0.0000e+00	-1.9890e+01
659	1911	0.0000e+00	-2.8677e-01	0.0000e+00	-9.1053e+02	0.0000e+00	-2.0580e+01
	1910	0.0000e+00	-1.0517e-01	0.0000e+00	8.0453e+02	0.0000e+00	1.0001e+01
660	1912	0.0000e+00	-1.6039e+00	0.0000e+00	-1.3952e+03	0.0000e+00	-9.4720e+01
	1911	0.0000e+00	-5.6912e-01	0.0000e+00	9.1053e+02	0.0000e+00	2.0580e+01
661	1913	0.0000e+00	-2.2569e+00	0.0000e+00	-1.9896e+03	0.0000e+00	-2.7457e+02
	1912	0.0000e+00	-1.0693e+00	0.0000e+00	1.3952e+03	0.0000e+00	9.4720e+01
662	1914	0.0000e+00	1.3873e+01	0.0000e+00	-3.6564e+03	0.0000e+00	1.5782e+03
	1913	0.0000e+00	-7.6929e-01	0.0000e+00	1.9896e+03	0.0000e+00	2.7457e+02
663	1915	0.0000e+00	-1.1713e+02	0.0000e+00	-6.4864e+03	0.0000e+00	-3.7636e+02
	1914	0.0000e+00	-2.1263e+01	0.0000e+00	3.6564e+03	0.0000e+00	-1.5782e+03
664	1895	0.0000e+00	-1.3510e+01	0.0000e+00	3.8746e+03	0.0000e+00	8.7054e+02
	1894	0.0000e+00	-6.6167e+01	0.0000e+00	-1.6176e+03	0.0000e+00	1.4002e+02
665	1896	0.0000e+00	-5.5612e+00	0.0000e+00	7.9099e+02	0.0000e+00	-4.3693e+02
	1895	0.0000e+00	5.2712e+00	0.0000e+00	2.1202e+03	0.0000e+00	-7.5591e+02
666	1897	0.0000e+00	-5.7811e+00	0.0000e+00	-8.7412e+02	0.0000e+00	-4.1647e+02
	1896	0.0000e+00	-7.1507e+00	0.0000e+00	2.4959e+03	0.0000e+00	6.2642e+02
667	1898	0.0000e+00	-2.3602e+00	0.0000e+00	-1.8138e+03	0.0000e+00	-6.3400e+01
	1897	0.0000e+00	-6.9965e+00	0.0000e+00	3.4048e+03	0.0000e+00	4.8350e+02
668	1899	0.0000e+00	7.7948e-02	0.0000e+00	-2.2754e+03	0.0000e+00	5.1258e+01
	1898	0.0000e+00	-1.8155e+00	0.0000e+00	2.6634e+03	0.0000e+00	1.6454e+02
669	1900	0.0000e+00	1.7910e+00	0.0000e+00	-2.6622e+03	0.0000e+00	1.6286e+02
	1899	0.0000e+00	-1.0157e-01	0.0000e+00	2.2732e+03	0.0000e+00	5.2627e+01
670	1901	0.0000e+00	7.0016e+00	0.0000e+00	-3.4000e+03	0.0000e+00	4.8171e+02
	1900	0.0000e+00	2.3459e+00	0.0000e+00	1.8092e+03	0.0000e+00	-6.2225e+01

671	1902	0.0000e+00	7.2657e+00	0.0000e+00	-2.4939e+03	0.0000e+00	6.3918e+02
	1901	0.0000e+00	5.7822e+00	0.0000e+00	8.7314e+02	0.0000e+00	-4.1578e+02
672	1903	0.0000e+00	-5.7044e+00	0.0000e+00	-2.1567e+03	0.0000e+00	-7.9964e+02
	1902	0.0000e+00	5.6322e+00	0.0000e+00	-7.6072e+02	0.0000e+00	-4.5156e+02
673	1904	0.0000e+00	6.6587e+01	0.0000e+00	1.7004e+03	0.0000e+00	1.4932e+02
	1903	0.0000e+00	1.3212e+01	0.0000e+00	-3.9541e+03	0.0000e+00	9.1130e+02

SFORZI "Torcente di piano SLD" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	6.4157e+00	6.0754e-20	-1.4263e-19	2.5148e-04	0.0000e+00	0.0000e+00
	1923	-6.4157e+00	-6.0754e-20	1.4263e-19	-2.5148e-04	0.0000e+00	0.0000e+00
2	1916	-3.2651e+00	0.0000e+00	0.0000e+00	2.9108e-03	0.0000e+00	0.0000e+00
	1921	3.2651e+00	0.0000e+00	0.0000e+00	-2.9108e-03	0.0000e+00	0.0000e+00
3	2085	-2.1794e+01	-1.2830e-19	7.0307e-21	6.0480e-03	0.0000e+00	0.0000e+00
	1918	2.1794e+01	1.2830e-19	-7.0307e-21	-6.0480e-03	0.0000e+00	0.0000e+00
4	2008	-2.5199e+01	2.1592e-19	-2.3550e-19	-1.3821e-03	0.0000e+00	0.0000e+00
	2079	2.5199e+01	-2.1592e-19	2.3550e-19	1.3821e-03	0.0000e+00	0.0000e+00
5	1919	-1.4380e+01	1.7512e-20	-9.0723e-20	-3.7880e-03	0.0000e+00	0.0000e+00
	2056	1.4380e+01	-1.7512e-20	9.0723e-20	3.7880e-03	0.0000e+00	0.0000e+00
6	2098	1.8637e+00	-9.8305e-20	-2.0036e-19	-2.3964e-03	0.0000e+00	0.0000e+00
	1937	-1.8637e+00	9.8305e-20	2.0036e-19	2.3964e-03	0.0000e+00	0.0000e+00
7	2042	1.2318e+01	-2.1155e-19	1.1312e-19	1.4276e-03	0.0000e+00	0.0000e+00
	2107	-1.2318e+01	2.1155e-19	-1.1312e-19	-1.4276e-03	0.0000e+00	0.0000e+00
8	1925	-2.1423e+01	1.6606e-19	-5.0200e-20	-1.6662e-03	0.0000e+00	0.0000e+00
	2008	2.1423e+01	-1.6606e-19	5.0200e-20	1.6662e-03	0.0000e+00	0.0000e+00
9	2109	-8.5381e+00	-6.8975e-20	2.0988e-19	-5.3422e-03	0.0000e+00	0.0000e+00
	2123	8.5381e+00	6.8975e-20	-2.0988e-19	5.3422e-03	0.0000e+00	0.0000e+00
10	2084	-6.4681e+00	1.6765e-19	-5.3459e-20	-2.4913e-03	0.0000e+00	0.0000e+00
	2106	6.4681e+00	-1.6765e-19	5.3459e-20	2.4913e-03	0.0000e+00	0.0000e+00
11	2083	-3.6044e+00	1.4786e-20	2.3121e-20	-4.2321e-03	0.0000e+00	0.0000e+00
	2078	3.6044e+00	-1.4786e-20	-2.3121e-20	4.2321e-03	0.0000e+00	0.0000e+00
12	2058	-3.6225e+00	-2.3624e-21	2.3593e-20	-4.1158e-03	0.0000e+00	0.0000e+00
	2077	3.6225e+00	2.3624e-21	-2.3593e-20	4.1158e-03	0.0000e+00	0.0000e+00
13	2041	-6.5203e+00	1.5594e-19	-5.2536e-20	-2.1393e-03	0.0000e+00	0.0000e+00
	2055	6.5203e+00	-1.5594e-19	5.2536e-20	2.1393e-03	0.0000e+00	0.0000e+00
14	2024	-8.5496e+00	-2.1664e-20	2.2308e-19	-4.6493e-03	0.0000e+00	0.0000e+00
	2038	8.5496e+00	2.1664e-20	-2.2308e-19	4.6493e-03	0.0000e+00	0.0000e+00
15	2007	-2.1157e+01	1.3958e-19	-5.2610e-20	-2.1120e-03	0.0000e+00	0.0000e+00
	2021	2.1157e+01	-1.3958e-19	5.2610e-20	2.1120e-03	0.0000e+00	0.0000e+00
16	1982	6.2670e+00	1.3047e-19	-1.9189e-19	1.4990e-03	0.0000e+00	0.0000e+00
	2012	-6.2670e+00	-1.3047e-19	1.9189e-19	-1.4990e-03	0.0000e+00	0.0000e+00
17	1985	-3.7094e+00	0.0000e+00	0.0000e+00	-4.1869e-04	0.0000e+00	0.0000e+00
	2010	3.7094e+00	0.0000e+00	0.0000e+00	4.1869e-04	0.0000e+00	0.0000e+00
18	1998	-2.5023e+01	-8.6095e-20	-6.0863e-22	4.8615e-03	0.0000e+00	0.0000e+00
	2007	2.5023e+01	8.6095e-20	6.0863e-22	-4.8615e-03	0.0000e+00	0.0000e+00
19	1995	1.2141e+01	-1.2619e-19	1.1117e-19	3.2199e-03	0.0000e+00	0.0000e+00
	2004	-1.2141e+01	1.2619e-19	-1.1117e-19	-3.2199e-03	0.0000e+00	0.0000e+00
20	1992	-2.2120e+01	-4.3293e-20	7.9748e-20	2.0534e-03	0.0000e+00	0.0000e+00
	2001	2.2120e+01	4.3293e-20	-7.9748e-20	-2.0534e-03	0.0000e+00	0.0000e+00
21	1989	-1.4139e+01	3.9917e-20	-7.8612e-20	1.1457e-03	0.0000e+00	0.0000e+00
	2000	1.4139e+01	-3.9917e-20	7.8612e-20	-1.1457e-03	0.0000e+00	0.0000e+00
22	1988	1.6973e+00	4.2147e-20	-6.5135e-20	-1.1780e-03	0.0000e+00	0.0000e+00
	1928	-1.6973e+00	-4.2147e-20	6.5135e-20	1.1780e-03	0.0000e+00	0.0000e+00
643	1905	1.4290e-01	-8.2766e-16	3.5069e-15	-8.6823e+00	0.0000e+00	0.0000e+00
	1960	-1.4290e-01	8.2766e-16	-3.5069e-15	8.6823e+00	0.0000e+00	0.0000e+00

644	1906	-3.4540e+00	7.0497e-16	3.5032e-15	-6.9607e+00	0.0000e+00	0.0000e+00
	1961	3.4540e+00	-7.0497e-16	-3.5032e-15	6.9607e+00	0.0000e+00	0.0000e+00
645	1907	-1.3489e+00	2.2564e-16	3.5016e-15	-6.3336e+00	0.0000e+00	0.0000e+00
	1962	1.3489e+00	-2.2564e-16	-3.5016e-15	6.3336e+00	0.0000e+00	0.0000e+00
646	1908	-1.1996e+00	1.6330e-16	3.5014e-15	-6.0839e+00	0.0000e+00	0.0000e+00
	1963	1.1996e+00	-1.6330e-16	-3.5014e-15	6.0839e+00	0.0000e+00	0.0000e+00
647	1909	-3.7830e-01	6.2078e-17	3.5017e-15	-5.8926e+00	0.0000e+00	0.0000e+00
	1964	3.7830e-01	-6.2078e-17	-3.5017e-15	5.8926e+00	0.0000e+00	0.0000e+00
648	1910	4.8511e-03	-4.0850e-18	3.5019e-15	-5.8622e+00	0.0000e+00	0.0000e+00
	1965	-4.8511e-03	4.0850e-18	-3.5019e-15	5.8622e+00	0.0000e+00	0.0000e+00
649	1911	3.9013e-01	-7.1827e-17	3.5020e-15	-5.9592e+00	0.0000e+00	0.0000e+00
	1966	-3.9013e-01	7.1827e-17	-3.5020e-15	5.9592e+00	0.0000e+00	0.0000e+00
650	1912	1.2185e+00	-1.7822e-16	3.5022e-15	-6.2536e+00	0.0000e+00	0.0000e+00
	1967	-1.2185e+00	1.7822e-16	-3.5022e-15	6.2536e+00	0.0000e+00	0.0000e+00
651	1913	1.3794e+00	-2.4878e-16	3.5029e-15	-6.5991e+00	0.0000e+00	0.0000e+00
	1968	-1.3794e+00	2.4878e-16	-3.5029e-15	6.5991e+00	0.0000e+00	0.0000e+00
652	1914	3.3684e+00	-7.0593e-16	3.5058e-15	-7.4315e+00	0.0000e+00	0.0000e+00
	1969	-3.3684e+00	7.0593e-16	-3.5058e-15	7.4315e+00	0.0000e+00	0.0000e+00
653	1915	2.0553e-01	7.8137e-16	3.5035e-15	-6.3232e+00	0.0000e+00	0.0000e+00
	1970	-2.0553e-01	-7.8137e-16	-3.5035e-15	6.3232e+00	0.0000e+00	0.0000e+00
237	2116	4.8580e+00	-1.9940e+00	2.5015e+00	1.2402e+01	-1.6769e+02	5.2882e+01
	2079	-4.8580e+00	1.9940e+00	-2.5015e+00	-1.2402e+01	-8.2673e+01	-2.5245e+02
238	1959	4.7289e+00	-2.2833e+00	8.9724e-01	2.2683e+00	-1.8021e+02	2.2698e+01
	2116	-4.7289e+00	2.2833e+00	-8.9724e-01	-2.2683e+00	1.6813e+02	-5.3437e+01
239	2110	1.9267e+00	3.5869e+00	1.7329e+00	1.0070e+01	-1.3478e+02	5.9123e+02
	1919	-1.9267e+00	-3.5869e+00	-1.7329e+00	-1.0070e+01	-3.8659e+01	-2.3224e+02
240	1958	2.1395e+00	3.4642e+00	1.4208e+00	1.9244e+00	-1.5427e+02	6.3713e+02
	2110	-2.1395e+00	-3.4642e+00	-1.4208e+00	-1.9244e+00	1.3514e+02	-5.9049e+02
241	2121	1.9981e-01	6.0260e-01	1.5125e+00	9.1524e+00	-1.2108e+02	2.4430e+02
	2120	-1.9981e-01	-6.0260e-01	-1.5125e+00	-9.1524e+00	-3.0298e+01	-1.8399e+02
242	1957	2.3578e-01	5.8945e-01	1.7011e+00	1.8348e+00	-1.4431e+02	2.5245e+02
	2121	-2.3578e-01	-5.8945e-01	-1.7011e+00	-1.8348e+00	1.2141e+02	-2.4451e+02
243	2104	1.7043e-01	5.1399e-01	1.4207e+00	8.7978e+00	-1.1561e+02	2.1701e+02
	2103	-1.7043e-01	-5.1399e-01	-1.4207e+00	-8.7978e+00	-2.6582e+01	-1.6557e+02
244	1956	2.0111e-01	5.0278e-01	1.8144e+00	1.8106e+00	-1.4036e+02	2.2385e+02
	2104	-2.0111e-01	-5.0278e-01	-1.8144e+00	-1.8106e+00	1.1593e+02	-2.1708e+02
245	2074	5.4845e-02	1.6541e-01	1.3429e+00	8.5102e+00	-1.1117e+02	6.8855e+01
	2072	-5.4845e-02	-1.6541e-01	-1.3429e+00	-8.5102e+00	-2.3238e+01	-5.2301e+01
246	1955	6.4719e-02	1.6180e-01	1.9091e+00	1.7915e+00	-1.3718e+02	7.0998e+01
	2074	-6.4719e-02	-1.6180e-01	-1.9091e+00	-1.7915e+00	1.1148e+02	-6.8820e+01
247	2073	-3.8017e-05	-1.1465e-04	1.3337e+00	8.4599e+00	-1.1051e+02	-9.0524e-01
	2071	3.8017e-05	1.1465e-04	-1.3337e+00	-8.4599e+00	-2.2976e+01	8.9376e-01
248	1954	-4.4861e-05	-1.1215e-04	1.9133e+00	1.7812e+00	-1.3657e+02	-9.0715e-01
	2073	4.4861e-05	1.1215e-04	-1.9133e+00	-1.7812e+00	1.1081e+02	9.0564e-01
249	2053	-5.4839e-02	-1.6539e-01	1.3759e+00	8.5799e+00	-1.1249e+02	-7.1068e+01
	2052	5.4839e-02	1.6539e-01	-1.3759e+00	-8.5799e+00	-2.5218e+01	5.4515e+01
250	1953	-6.4712e-02	-1.6178e-01	1.8769e+00	1.7811e+00	-1.3807e+02	-7.3211e+01
	2053	6.4712e-02	1.6178e-01	-1.8769e+00	-1.7811e+00	1.1281e+02	7.1033e+01
251	2036	-1.7002e-01	-5.1275e-01	1.4967e+00	8.9696e+00	-1.1887e+02	-2.2056e+02
	2035	1.7002e-01	5.1275e-01	-1.4967e+00	-8.9696e+00	-3.0928e+01	1.6924e+02
252	1952	-2.0063e-01	-5.0157e-01	1.7359e+00	1.7854e+00	-1.4257e+02	-2.2739e+02
	2036	2.0063e-01	5.0157e-01	-1.7359e+00	-1.7854e+00	1.1920e+02	2.2063e+02
253	2019	-1.9811e-01	-5.9748e-01	1.6277e+00	9.4263e+00	-1.2611e+02	-2.5014e+02
	2018	1.9811e-01	5.9748e-01	-1.6277e+00	-9.4263e+00	-3.6794e+01	1.9034e+02
254	1951	-2.3378e-01	-5.8445e-01	1.5824e+00	1.8046e+00	-1.4776e+02	-2.5817e+02

	2019	2.3378e-01	5.8445e-01	-1.5824e+00	-1.8046e+00	1.2645e+02	2.5030e+02
255	2002	4.5078e+00	-2.9321e+00	1.8948e+00	1.0528e+01	-1.4322e+02	-5.3906e+02
	2001	-4.5078e+00	2.9321e+00	-1.8948e+00	-1.0528e+01	-4.6430e+01	2.4560e+02
256	1950	4.3228e+00	-3.1986e+00	1.2221e+00	1.8735e+00	-1.6004e+02	-5.8149e+02
	2002	-4.3228e+00	3.1986e+00	-1.2221e+00	-1.8735e+00	1.4359e+02	5.3843e+02
257	1990	1.3696e+00	2.1053e+00	1.3672e+00	9.2688e+00	-1.2479e+02	-7.2800e+01
	1989	-1.3696e+00	-2.1053e+00	-1.3672e+00	-9.2688e+00	-1.2047e+01	2.8351e+02
258	1939	1.4941e+00	2.0189e+00	1.5331e+00	1.7272e+00	-1.4576e+02	-4.6100e+01
	1990	-1.4941e+00	-2.0189e+00	-1.5331e+00	-1.7272e+00	1.2512e+02	7.3280e+01
259	36	1.8103e+00	-2.2843e-14	3.9705e+00	3.9645e-02	-3.9705e+01	0.0000e+00
	1939	-1.8103e+00	2.2843e-14	-3.9705e+00	-3.9645e-02	0.0000e+00	0.0000e+00
260	2110	1.6042e+00	-2.4150e-17	2.8444e-17	-5.5563e-01	0.0000e+00	0.0000e+00
	2116	-1.6042e+00	2.4150e-17	-2.8444e-17	5.5563e-01	0.0000e+00	0.0000e+00
261	2121	1.9163e+00	1.2859e-18	-1.3808e-17	1.8746e-01	0.0000e+00	0.0000e+00
	2110	-1.9163e+00	-1.2859e-18	1.3808e-17	-1.8746e-01	0.0000e+00	0.0000e+00
262	2104	1.7277e+00	0.0000e+00	0.0000e+00	-1.8969e-02	0.0000e+00	0.0000e+00
	2121	-1.7277e+00	0.0000e+00	0.0000e+00	1.8969e-02	0.0000e+00	0.0000e+00
263	2074	1.3340e+00	-3.1280e-18	1.4933e-18	-8.9912e-02	0.0000e+00	0.0000e+00
	2104	-1.3340e+00	3.1280e-18	-1.4933e-18	8.9912e-02	0.0000e+00	0.0000e+00
264	2073	7.6778e-01	2.9580e-18	5.6279e-17	-5.4398e-02	0.0000e+00	0.0000e+00
	2074	-7.6778e-01	-2.9580e-18	-5.6279e-17	5.4398e-02	0.0000e+00	0.0000e+00
265	2053	1.8811e-01	5.9148e-18	3.3292e-18	-5.3991e-02	0.0000e+00	0.0000e+00
	2073	-1.8811e-01	-5.9148e-18	-3.3292e-18	5.3991e-02	0.0000e+00	0.0000e+00
266	2036	-3.1289e-01	-1.0738e-17	-3.0506e-18	-8.8791e-02	0.0000e+00	0.0000e+00
	2053	3.1289e-01	1.0738e-17	3.0506e-18	8.8791e-02	0.0000e+00	0.0000e+00
267	2019	-5.5206e-01	-9.9339e-19	-6.9879e-18	-1.6201e-02	0.0000e+00	0.0000e+00
	2036	5.5206e-01	9.9339e-19	6.9879e-18	1.6201e-02	0.0000e+00	0.0000e+00
268	2002	-5.0678e-01	-2.6850e-18	0.0000e+00	1.4781e-01	0.0000e+00	0.0000e+00
	2019	5.0678e-01	2.6850e-18	0.0000e+00	-1.4781e-01	0.0000e+00	0.0000e+00
269	1990	1.6589e-01	4.7174e-18	4.6125e-17	-4.8071e-01	0.0000e+00	0.0000e+00
	2002	-1.6589e-01	-4.7174e-18	-4.6125e-17	4.8071e-01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-1.2411e+01	0.0000e+00	3.0632e+00	0.0000e+00	-2.6965e+03
	1894	0.0000e+00	1.2411e+01	0.0000e+00	-3.0632e+00	0.0000e+00	-1.6350e+03
271	11	0.0000e+00	-1.5637e+01	0.0000e+00	-1.4589e+02	0.0000e+00	-1.3275e+03
	77	0.0000e+00	1.5637e+01	0.0000e+00	1.4589e+02	0.0000e+00	6.2386e+02
272	67	0.0000e+00	1.2425e+01	0.0000e+00	2.5579e+00	0.0000e+00	2.6978e+03
	1904	0.0000e+00	-1.2425e+01	0.0000e+00	-2.5579e+00	0.0000e+00	1.6385e+03
273	1	0.0000e+00	1.5640e+01	0.0000e+00	-1.4600e+02	0.0000e+00	1.3280e+03
	67	0.0000e+00	-1.5640e+01	0.0000e+00	1.4600e+02	0.0000e+00	-6.2421e+02
274	72	0.0000e+00	-2.4994e-04	0.0000e+00	7.5634e+00	0.0000e+00	4.5087e-03
	1899	0.0000e+00	2.4994e-04	0.0000e+00	-7.5634e+00	0.0000e+00	-9.1737e-02
275	6	0.0000e+00	3.8402e-05	0.0000e+00	-1.5613e+02	0.0000e+00	2.0073e-03
	72	0.0000e+00	-3.8402e-05	0.0000e+00	1.5613e+02	0.0000e+00	-2.7927e-04
276	76	0.0000e+00	-1.2347e+01	0.0000e+00	8.3853e+00	0.0000e+00	-2.8407e+03
	1895	0.0000e+00	1.2347e+01	0.0000e+00	-8.3853e+00	0.0000e+00	-1.4685e+03
277	10	0.0000e+00	-3.8237e+01	0.0000e+00	-1.0706e+02	0.0000e+00	-2.3993e+03
	76	0.0000e+00	3.8237e+01	0.0000e+00	1.0706e+02	0.0000e+00	6.7869e+02
278	75	0.0000e+00	-8.9482e+00	0.0000e+00	-2.8833e+01	0.0000e+00	-2.1147e+03
	1896	0.0000e+00	8.9482e+00	0.0000e+00	2.8833e+01	0.0000e+00	-1.0082e+03
279	9	0.0000e+00	-2.5721e+01	0.0000e+00	-5.7511e+01	0.0000e+00	-1.6588e+03
	75	0.0000e+00	2.5721e+01	0.0000e+00	5.7511e+01	0.0000e+00	5.0139e+02
280	74	0.0000e+00	-7.5214e+00	0.0000e+00	2.6189e+01	0.0000e+00	-1.7551e+03
	1897	0.0000e+00	7.5214e+00	0.0000e+00	-2.6189e+01	0.0000e+00	-8.6986e+02
281	8	0.0000e+00	-1.8748e+01	0.0000e+00	-2.1582e+02	0.0000e+00	-1.2587e+03
	74	0.0000e+00	1.8748e+01	0.0000e+00	2.1582e+02	0.0000e+00	4.1505e+02

282	73	0.0000e+00	-2.5984e+00	0.0000e+00	9.2180e+00	0.0000e+00	-6.3092e+02
	1898	0.0000e+00	2.5984e+00	0.0000e+00	-9.2180e+00	0.0000e+00	-2.7590e+02
283	7	0.0000e+00	-8.4557e+00	0.0000e+00	-1.4493e+02	0.0000e+00	-5.3548e+02
	73	0.0000e+00	8.4557e+00	0.0000e+00	1.4493e+02	0.0000e+00	1.5497e+02
284	71	0.0000e+00	2.5983e+00	0.0000e+00	9.2077e+00	0.0000e+00	6.3096e+02
	1900	0.0000e+00	-2.5983e+00	0.0000e+00	-9.2077e+00	0.0000e+00	2.7583e+02
285	5	0.0000e+00	8.4557e+00	0.0000e+00	-1.4492e+02	0.0000e+00	5.3549e+02
	71	0.0000e+00	-8.4557e+00	0.0000e+00	1.4492e+02	0.0000e+00	-1.5498e+02
286	70	0.0000e+00	7.5216e+00	0.0000e+00	2.6117e+01	0.0000e+00	1.7551e+03
	1901	0.0000e+00	-7.5216e+00	0.0000e+00	-2.6117e+01	0.0000e+00	8.6998e+02
287	4	0.0000e+00	1.8748e+01	0.0000e+00	-2.1580e+02	0.0000e+00	1.2587e+03
	70	0.0000e+00	-1.8748e+01	0.0000e+00	2.1580e+02	0.0000e+00	-4.1504e+02
288	69	0.0000e+00	8.9469e+00	0.0000e+00	-2.8812e+01	0.0000e+00	2.1143e+03
	1902	0.0000e+00	-8.9469e+00	0.0000e+00	2.8812e+01	0.0000e+00	1.0081e+03
289	3	0.0000e+00	2.5721e+01	0.0000e+00	-5.7485e+01	0.0000e+00	1.6587e+03
	69	0.0000e+00	-2.5721e+01	0.0000e+00	5.7485e+01	0.0000e+00	-5.0131e+02
290	68	0.0000e+00	1.2339e+01	0.0000e+00	8.4048e+00	0.0000e+00	2.8400e+03
	1903	0.0000e+00	-1.2339e+01	0.0000e+00	-8.4048e+00	0.0000e+00	1.4663e+03
291	2	0.0000e+00	3.8236e+01	0.0000e+00	-1.0712e+02	0.0000e+00	2.3991e+03
	68	0.0000e+00	-3.8236e+01	0.0000e+00	1.0712e+02	0.0000e+00	-6.7852e+02
292	57	-6.6769e+00	-1.9173e-14	3.9168e+00	3.6244e-02	-3.9168e+01	0.0000e+00
	1950	6.6769e+00	1.9173e-14	-3.9168e+00	-3.6244e-02	0.0000e+00	0.0000e+00
293	34	1.8016e+01	5.7977e-15	-4.4640e+00	1.0217e-02	5.8032e+01	0.0000e+00
	1938	-1.8016e+01	-5.7977e-15	4.4640e+00	-1.0217e-02	0.0000e+00	0.0000e+00
294	37	-8.0190e+00	4.7572e-15	-4.3739e+00	1.5425e-02	5.6861e+01	0.0000e+00
	1940	8.0190e+00	-4.7572e-15	4.3739e+00	-1.5425e-02	0.0000e+00	0.0000e+00
295	38	-2.3057e+00	3.3514e-15	-4.3293e+00	1.9196e-02	5.6281e+01	0.0000e+00
	1941	2.3057e+00	-3.3514e-15	4.3293e+00	-1.9196e-02	0.0000e+00	0.0000e+00
296	39	-1.0757e+00	2.4842e-15	-4.3123e+00	2.0787e-02	5.6059e+01	0.0000e+00
	1942	1.0757e+00	-2.4842e-15	4.3123e+00	-2.0787e-02	0.0000e+00	0.0000e+00
297	40	-5.0684e-01	1.0929e-15	-4.3010e+00	2.2208e-02	5.5914e+01	0.0000e+00
	1943	5.0684e-01	-1.0929e-15	4.3010e+00	-2.2208e-02	0.0000e+00	0.0000e+00
298	41	-1.0085e-02	-4.2186e-21	-4.2895e+00	2.2584e-02	5.5764e+01	0.0000e+00
	1944	1.0085e-02	4.2186e-21	4.2895e+00	-2.2584e-02	0.0000e+00	0.0000e+00
299	42	4.8964e-01	-1.0930e-15	-4.2983e+00	2.2243e-02	5.5878e+01	0.0000e+00
	1945	-4.8964e-01	1.0930e-15	4.2983e+00	-2.2243e-02	0.0000e+00	0.0000e+00
300	43	1.0765e+00	-2.4846e-15	-4.3061e+00	2.0846e-02	5.5979e+01	0.0000e+00
	1946	-1.0765e+00	2.4846e-15	4.3061e+00	-2.0846e-02	0.0000e+00	0.0000e+00
301	44	2.3823e+00	-3.3526e-15	-4.3211e+00	1.9248e-02	5.6175e+01	0.0000e+00
	1947	-2.3823e+00	3.3526e-15	4.3211e+00	-1.9248e-02	0.0000e+00	0.0000e+00
302	45	8.1743e+00	-4.7536e-15	-4.3617e+00	1.5465e-02	5.6702e+01	0.0000e+00
	1948	-8.1743e+00	4.7536e-15	4.3617e+00	-1.5465e-02	0.0000e+00	0.0000e+00
303	46	-1.8272e+01	-5.8033e-15	-4.3740e+00	1.6703e-02	5.6862e+01	0.0000e+00
	1949	1.8272e+01	5.8033e-15	4.3740e+00	-1.6703e-02	0.0000e+00	0.0000e+00
304	66	-2.4504e+00	2.2809e-14	4.0109e+00	3.3482e-02	-4.0109e+01	0.0000e+00
	1959	2.4504e+00	-2.2809e-14	-4.0109e+00	-3.3482e-02	0.0000e+00	0.0000e+00
305	65	7.0109e+00	1.9174e-14	3.9509e+00	3.6538e-02	-3.9509e+01	0.0000e+00
	1958	-7.0109e+00	-1.9174e-14	-3.9509e+00	-3.6538e-02	0.0000e+00	0.0000e+00
306	64	1.9837e+00	1.3373e-14	3.9181e+00	3.5884e-02	-3.9181e+01	0.0000e+00
	1957	-1.9837e+00	-1.3373e-14	-3.9181e+00	-3.5884e-02	0.0000e+00	0.0000e+00
307	63	1.7411e+00	9.8996e-15	3.9065e+00	3.5620e-02	-3.9065e+01	0.0000e+00
	1956	-1.7411e+00	-9.8996e-15	-3.9065e+00	-3.5620e-02	0.0000e+00	0.0000e+00
308	62	5.5256e-01	4.3584e-15	3.9003e+00	3.5375e-02	-3.9003e+01	0.0000e+00
	1955	-5.5256e-01	-4.3584e-15	-3.9003e+00	-3.5375e-02	0.0000e+00	0.0000e+00
309	61	-4.9719e-03	-3.2389e-18	3.8857e+00	3.5317e-02	-3.8857e+01	0.0000e+00

	1954	4.9719e-03	3.2389e-18	-3.8857e+00	-3.5317e-02	0.0000e+00	0.0000e+00
310	60	-5.6437e-01	-4.3662e-15	3.8937e+00	3.5346e-02	-3.8937e+01	0.0000e+00
	1953	5.6437e-01	4.3662e-15	-3.8937e+00	-3.5346e-02	0.0000e+00	0.0000e+00
311	59	-1.7587e+00	-9.9115e-15	3.8910e+00	3.5532e-02	-3.8910e+01	0.0000e+00
	1952	1.7587e+00	9.9115e-15	-3.8910e+00	-3.5532e-02	0.0000e+00	0.0000e+00
312	58	-2.0089e+00	-1.3392e-14	3.8961e+00	3.5718e-02	-3.8961e+01	0.0000e+00
	1951	2.0089e+00	1.3392e-14	-3.8961e+00	-3.5718e-02	0.0000e+00	0.0000e+00
313	1936	-1.5109e+00	-2.2700e-17	2.8344e-17	8.5698e-02	0.0000e+00	0.0000e+00
	1937	1.5109e+00	2.2700e-17	-2.8344e-17	-8.5698e-02	0.0000e+00	0.0000e+00
314	1935	-1.2753e+00	-8.9344e-19	-1.0929e-17	-1.6234e-01	0.0000e+00	0.0000e+00
	1936	1.2753e+00	8.9344e-19	1.0929e-17	1.6234e-01	0.0000e+00	0.0000e+00
315	1934	-9.6409e-01	0.0000e+00	0.0000e+00	-6.0392e-02	0.0000e+00	0.0000e+00
	1935	9.6409e-01	0.0000e+00	0.0000e+00	6.0392e-02	0.0000e+00	0.0000e+00
316	1933	-6.2356e-01	9.5440e-19	2.6292e-19	-2.2766e-01	0.0000e+00	0.0000e+00
	1934	6.2356e-01	-9.5440e-19	-2.6292e-19	2.2766e-01	0.0000e+00	0.0000e+00
317	1932	-2.5978e-01	-9.2383e-19	1.6307e-17	-1.3636e-01	0.0000e+00	0.0000e+00
	1933	2.5978e-01	9.2383e-19	-1.6307e-17	1.3636e-01	0.0000e+00	0.0000e+00
318	1931	1.0856e-01	-1.8484e-18	9.8912e-19	-1.3641e-01	0.0000e+00	0.0000e+00
	1932	-1.0856e-01	1.8484e-18	-9.8912e-19	1.3641e-01	0.0000e+00	0.0000e+00
319	1930	4.6830e-01	1.3149e-17	-5.9023e-19	-2.2774e-01	0.0000e+00	0.0000e+00
	1931	-4.6830e-01	-1.3149e-17	5.9023e-19	2.2774e-01	0.0000e+00	0.0000e+00
320	1929	7.9859e-01	3.5179e-19	-4.5407e-18	-6.0758e-02	0.0000e+00	0.0000e+00
	1930	-7.9859e-01	-3.5179e-19	4.5407e-18	6.0758e-02	0.0000e+00	0.0000e+00
321	1928	1.0938e+00	1.8600e-18	0.0000e+00	-1.6864e-01	0.0000e+00	0.0000e+00
	1929	-1.0938e+00	-1.8600e-18	0.0000e+00	1.6864e-01	0.0000e+00	0.0000e+00
322	1927	-2.1770e-01	4.5474e-18	4.5861e-17	8.0791e-02	0.0000e+00	0.0000e+00
	1928	2.1770e-01	-4.5474e-18	-4.5861e-17	-8.0791e-02	0.0000e+00	0.0000e+00
323	1937	-8.3271e-01	5.2048e-02	1.5558e-01	1.0708e-03	-6.6927e-05	8.3555e-02
	1960	8.3271e-01	-5.2048e-02	-1.5558e-01	-1.0708e-03	-1.1233e+01	3.6743e+00
324	1936	2.1316e-13	-5.5067e-14	2.3556e-01	-1.6875e-14	5.5067e-13	-2.4804e-01
	1961	-2.1316e-13	5.5067e-14	-2.3556e-01	1.6875e-14	-1.7008e+01	2.4804e-01
325	1935	-3.1974e-14	6.2172e-15	3.1124e-01	-2.9754e-14	3.2685e-13	1.0195e-01
	1962	3.1974e-14	-6.2172e-15	-3.1124e-01	2.9754e-14	-2.2472e+01	-1.0195e-01
326	1934	5.8620e-14	4.4409e-15	3.4053e-01	-3.5083e-14	-2.0606e-13	-1.6727e-01
	1963	-5.8620e-14	-4.4409e-15	-3.4053e-01	3.5083e-14	-2.4587e+01	1.6727e-01
327	1933	-5.2847e-14	1.7542e-14	3.6378e-01	-2.8244e-13	5.3291e-14	9.1300e-02
	1964	5.2847e-14	-1.7542e-14	-3.6378e-01	2.8244e-13	-2.6266e+01	-9.1300e-02
328	1932	7.0777e-16	-1.0192e-16	3.6834e-01	-3.1974e-14	-4.6541e-13	-4.7343e-05
	1965	-7.0777e-16	1.0192e-16	-3.6834e-01	3.1974e-14	-2.6594e+01	4.7343e-05
329	1931	1.9762e-14	-1.0880e-14	3.5974e-01	5.3291e-15	-2.1316e-13	-9.1334e-02
	1966	-1.9762e-14	1.0880e-14	-3.5974e-01	-5.3291e-15	-2.5974e+01	9.1334e-02
330	1930	2.6645e-15	-5.3291e-15	3.3029e-01	-1.8208e-14	2.5224e-13	1.6699e-01
	1967	-2.6645e-15	5.3291e-15	-3.3029e-01	1.8208e-14	-2.3847e+01	-1.6699e-01
331	1929	-1.1546e-14	7.0166e-14	2.9525e-01	-5.5067e-14	-1.0658e-13	-1.0788e-01
	1968	1.1546e-14	-7.0166e-14	-2.9525e-01	5.5067e-14	-2.1318e+01	1.0788e-01
332	1928	-7.5837e-01	4.7402e-02	2.0617e-01	5.2633e-04	-3.2898e-05	2.4838e-01
	1969	7.5837e-01	-4.7402e-02	-2.0617e-01	-5.2633e-04	-1.4886e+01	3.1741e+00
333	1927	-1.7053e-13	-1.2434e-14	2.1770e-01	-9.3259e-15	2.0250e-13	-8.0791e-02
	1970	1.7053e-13	1.2434e-14	-2.1770e-01	9.3259e-15	-1.5718e+01	8.0791e-02
334	2089	-8.4900e-01	-1.6099e-18	1.7632e-18	4.2670e-02	0.0000e+00	0.0000e+00
	2090	8.4900e-01	1.6099e-18	-1.7632e-18	-4.2670e-02	0.0000e+00	0.0000e+00
335	2083	2.0959e-01	-2.4980e-19	1.6149e-18	7.5448e-02	0.0000e+00	0.0000e+00
	2084	-2.0959e-01	2.4980e-19	-1.6149e-18	-7.5448e-02	0.0000e+00	0.0000e+00
336	2081	7.9792e-01	8.1968e-19	1.5698e-18	8.3143e-02	0.0000e+00	0.0000e+00
	2082	-7.9792e-01	-8.1968e-19	-1.5698e-18	-8.3143e-02	0.0000e+00	0.0000e+00

337	2055	2.6607e-01	1.8741e-18	1.5939e-18	7.5040e-02	0.0000e+00	0.0000e+00
	2077	-2.6607e-01	-1.8741e-18	-1.5939e-18	-7.5040e-02	0.0000e+00	0.0000e+00
338	2077	-1.5079e+00	1.9101e-18	1.5778e-18	7.3375e-02	0.0000e+00	0.0000e+00
	2078	1.5079e+00	-1.9101e-18	-1.5778e-18	-7.3375e-02	0.0000e+00	0.0000e+00
339	2075	6.3306e-01	2.7296e-18	1.6278e-18	4.7399e-02	0.0000e+00	0.0000e+00
	2076	-6.3306e-01	-2.7296e-18	-1.6278e-18	-4.7399e-02	0.0000e+00	0.0000e+00
340	2071	1.0809e+00	3.1418e-18	1.6759e-18	4.4320e-03	0.0000e+00	0.0000e+00
	2072	-1.0809e+00	-3.1418e-18	-1.6759e-18	-4.4320e-03	0.0000e+00	0.0000e+00
341	2087	9.1535e-01	-1.0623e-18	1.6875e-18	5.8036e-02	0.0000e+00	0.0000e+00
	2088	-9.1535e-01	1.0623e-18	-1.6875e-18	-5.8036e-02	0.0000e+00	0.0000e+00
342	2090	-3.6879e+00	0.0000e+00	8.2373e-18	7.0870e-02	0.0000e+00	0.0000e+00
	2112	3.6879e+00	0.0000e+00	-8.2373e-18	-7.0870e-02	0.0000e+00	0.0000e+00
343	2088	1.2614e+00	0.0000e+00	7.7731e-18	1.0646e-01	0.0000e+00	0.0000e+00
	2111	-1.2614e+00	0.0000e+00	-7.7731e-18	-1.0646e-01	0.0000e+00	0.0000e+00
344	2084	4.6372e+00	0.0000e+00	7.3310e-18	1.3709e-01	0.0000e+00	0.0000e+00
	2109	-4.6372e+00	0.0000e+00	-7.3310e-18	-1.3709e-01	0.0000e+00	0.0000e+00
345	2082	9.3547e-01	0.0000e+00	7.0584e-18	1.4665e-01	0.0000e+00	0.0000e+00
	2108	-9.3547e-01	0.0000e+00	-7.0584e-18	-1.4665e-01	0.0000e+00	0.0000e+00
346	2078	-3.4109e+00	0.0000e+00	7.0830e-18	1.2711e-01	0.0000e+00	0.0000e+00
	2106	3.4109e+00	0.0000e+00	-7.0830e-18	-1.2711e-01	0.0000e+00	0.0000e+00
347	2076	2.4029e-01	0.0000e+00	7.3546e-18	8.2524e-02	0.0000e+00	0.0000e+00
	2105	-2.4029e-01	0.0000e+00	-7.3546e-18	-8.2524e-02	0.0000e+00	0.0000e+00
348	2072	2.3449e+00	0.0000e+00	7.6191e-18	9.5824e-03	0.0000e+00	0.0000e+00
	2103	-2.3449e+00	0.0000e+00	-7.6191e-18	-9.5824e-03	0.0000e+00	0.0000e+00
349	2103	3.6964e+00	0.0000e+00	0.0000e+00	8.3753e-03	0.0000e+00	0.0000e+00
	2120	-3.6964e+00	0.0000e+00	0.0000e+00	-8.3753e-03	0.0000e+00	0.0000e+00
350	2105	-5.0501e-02	0.0000e+00	0.0000e+00	2.4642e-02	0.0000e+00	0.0000e+00
	2122	5.0501e-02	0.0000e+00	0.0000e+00	-2.4642e-02	0.0000e+00	0.0000e+00
351	2106	-8.2675e+00	0.0000e+00	0.0000e+00	2.9416e-02	0.0000e+00	0.0000e+00
	2123	8.2675e+00	0.0000e+00	0.0000e+00	-2.9416e-02	0.0000e+00	0.0000e+00
352	2108	1.1130e+00	0.0000e+00	0.0000e+00	2.9770e-02	0.0000e+00	0.0000e+00
	2125	-1.1130e+00	0.0000e+00	0.0000e+00	-2.9770e-02	0.0000e+00	0.0000e+00
353	2109	1.0189e+01	0.0000e+00	0.0000e+00	1.8661e-02	0.0000e+00	0.0000e+00
	1925	-1.0189e+01	0.0000e+00	0.0000e+00	-1.8661e-02	0.0000e+00	0.0000e+00
354	2111	1.6660e+00	0.0000e+00	0.0000e+00	5.6932e-03	0.0000e+00	0.0000e+00
	1983	-1.6660e+00	0.0000e+00	0.0000e+00	-5.6932e-03	0.0000e+00	0.0000e+00
355	2112	-6.7552e+00	0.0000e+00	0.0000e+00	2.4615e-02	0.0000e+00	0.0000e+00
	2005	6.7552e+00	0.0000e+00	0.0000e+00	-2.4615e-02	0.0000e+00	0.0000e+00
356	2085	5.8689e+00	6.8420e-18	1.6225e-17	2.1999e-01	0.0000e+00	0.0000e+00
	1921	-5.8689e+00	-6.8420e-18	-1.6225e-17	-2.1999e-01	0.0000e+00	0.0000e+00
357	1983	2.0430e+00	0.0000e+00	1.0765e-17	-1.5871e-01	0.0000e+00	0.0000e+00
	2059	-2.0430e+00	0.0000e+00	-1.0765e-17	1.5871e-01	0.0000e+00	0.0000e+00
358	2005	-1.0050e+01	0.0000e+00	1.0045e-17	-4.1299e-02	0.0000e+00	0.0000e+00
	2085	1.0050e+01	0.0000e+00	-1.0045e-17	4.1299e-02	0.0000e+00	0.0000e+00
359	1925	2.8489e+01	0.0000e+00	1.1552e-17	-1.9673e-01	0.0000e+00	0.0000e+00
	2042	-2.8489e+01	0.0000e+00	-1.1552e-17	1.9673e-01	0.0000e+00	0.0000e+00
360	2125	1.3033e+00	0.0000e+00	1.2178e-17	-1.0707e-01	0.0000e+00	0.0000e+00
	2025	-1.3033e+00	0.0000e+00	-1.2178e-17	1.0707e-01	0.0000e+00	0.0000e+00
361	2123	-1.4433e+01	0.0000e+00	1.2411e-17	1.0918e-01	0.0000e+00	0.0000e+00
	2008	1.4433e+01	0.0000e+00	-1.2411e-17	-1.0918e-01	0.0000e+00	0.0000e+00
362	2122	-1.7160e-01	0.0000e+00	1.3116e-17	2.9308e-01	0.0000e+00	0.0000e+00
	1996	1.7160e-01	0.0000e+00	-1.3116e-17	-2.9308e-01	0.0000e+00	0.0000e+00
363	2120	5.1345e+00	0.0000e+00	1.4975e-17	3.3786e-01	0.0000e+00	0.0000e+00
	1919	-5.1345e+00	0.0000e+00	-1.4975e-17	-3.3786e-01	0.0000e+00	0.0000e+00
364	2059	1.5551e+00	-1.9769e-17	1.8908e-17	7.6842e-01	0.0000e+00	0.0000e+00

	1920	-1.5551e+00	1.9769e-17	-1.8908e-17	-7.6842e-01	0.0000e+00	0.0000e+00
365	2042	1.7942e+01	-5.4111e-17	2.1190e-17	8.3915e-01	0.0000e+00	0.0000e+00
	1918	-1.7942e+01	5.4111e-17	-2.1190e-17	-8.3915e-01	0.0000e+00	0.0000e+00
366	2025	8.3905e-01	-8.4449e-17	2.2166e-17	5.5009e-01	0.0000e+00	0.0000e+00
	1917	-8.3905e-01	8.4449e-17	-2.2166e-17	-5.5009e-01	0.0000e+00	0.0000e+00
367	2008	-1.1083e+01	-9.7617e-17	2.2323e-17	-1.8399e-02	0.0000e+00	0.0000e+00
	2107	1.1083e+01	9.7617e-17	-2.2323e-17	1.8399e-02	0.0000e+00	0.0000e+00
368	1996	1.6412e-01	-8.4075e-17	2.3064e-17	-5.4848e-01	0.0000e+00	0.0000e+00
	2080	-1.6412e-01	8.4075e-17	-2.3064e-17	5.4848e-01	0.0000e+00	0.0000e+00
369	1919	1.9628e+01	-5.4283e-17	2.5411e-17	-7.7255e-01	0.0000e+00	0.0000e+00
	2079	-1.9628e+01	5.4283e-17	-2.5411e-17	7.7255e-01	0.0000e+00	0.0000e+00
370	2097	6.3389e-01	-1.9451e-17	2.9044e-17	7.5130e-02	0.0000e+00	0.0000e+00
	2039	-6.3389e-01	1.9451e-17	-2.9044e-17	-7.5130e-02	0.0000e+00	0.0000e+00
371	2098	8.9719e+00	-1.5872e-17	2.9653e-17	-1.2814e-01	0.0000e+00	0.0000e+00
	2056	-8.9719e+00	1.5872e-17	-2.9653e-17	1.2814e-01	0.0000e+00	0.0000e+00
372	2119	7.6495e+00	0.0000e+00	1.7346e-17	-5.0969e-02	0.0000e+00	0.0000e+00
	2098	-7.6495e+00	0.0000e+00	-1.7346e-17	5.0969e-02	0.0000e+00	0.0000e+00
373	2118	8.5708e-01	0.0000e+00	1.5608e-17	-1.5792e-01	0.0000e+00	0.0000e+00
	2097	-8.5708e-01	0.0000e+00	-1.5608e-17	1.5792e-01	0.0000e+00	0.0000e+00
374	2102	5.2190e+00	0.0000e+00	0.0000e+00	-4.6924e-02	0.0000e+00	0.0000e+00
	2119	-5.2190e+00	0.0000e+00	0.0000e+00	4.6924e-02	0.0000e+00	0.0000e+00
375	2101	7.5943e-01	0.0000e+00	0.0000e+00	-5.9552e-02	0.0000e+00	0.0000e+00
	2118	-7.5943e-01	0.0000e+00	0.0000e+00	5.9552e-02	0.0000e+00	0.0000e+00
376	2070	3.0105e+00	0.0000e+00	6.1356e-18	-1.8450e-01	0.0000e+00	0.0000e+00
	2102	-3.0105e+00	0.0000e+00	-6.1356e-18	1.8450e-01	0.0000e+00	0.0000e+00
377	2068	5.3533e-01	0.0000e+00	3.8740e-18	-2.2603e-01	0.0000e+00	0.0000e+00
	2101	-5.3533e-01	0.0000e+00	-3.8740e-18	2.2603e-01	0.0000e+00	0.0000e+00
378	2069	9.8091e-01	1.9119e-18	1.3916e-18	-1.1043e-01	0.0000e+00	0.0000e+00
	2070	-9.8091e-01	-1.9119e-18	-1.3916e-18	1.1043e-01	0.0000e+00	0.0000e+00
379	2067	2.0991e-01	4.2380e-19	9.6211e-19	-1.3520e-01	0.0000e+00	0.0000e+00
	2068	-2.0991e-01	-4.2380e-19	-9.6211e-19	1.3520e-01	0.0000e+00	0.0000e+00
380	2022	-1.1417e+00	-3.7224e-17	2.0460e-17	8.6415e-01	0.0000e+00	0.0000e+00
	1926	1.1417e+00	3.7224e-17	-2.0460e-17	-8.6415e-01	0.0000e+00	0.0000e+00
381	1993	-1.4192e-01	-4.7763e-17	2.3808e-17	9.4631e-02	0.0000e+00	0.0000e+00
	1924	1.4192e-01	4.7763e-17	-2.3808e-17	-9.4631e-02	0.0000e+00	0.0000e+00
382	1916	-3.7317e+00	-3.5167e-17	2.1767e-17	-4.6440e-01	0.0000e+00	0.0000e+00
	1923	3.7317e+00	3.5167e-17	-2.1767e-17	4.6440e-01	0.0000e+00	0.0000e+00
383	2086	-2.8535e-01	-1.1605e-17	1.7699e-17	-5.5433e-01	0.0000e+00	0.0000e+00
	1922	2.8535e-01	1.1605e-17	-1.7699e-17	5.5433e-01	0.0000e+00	0.0000e+00
384	2065	3.5392e+00	0.0000e+00	9.5549e-18	-2.5770e-01	0.0000e+00	0.0000e+00
	2022	-3.5392e+00	0.0000e+00	-9.5549e-18	2.5770e-01	0.0000e+00	0.0000e+00
385	2048	-2.0371e-01	0.0000e+00	1.1869e-17	-8.8715e-02	0.0000e+00	0.0000e+00
	1993	2.0371e-01	0.0000e+00	-1.1869e-17	8.8715e-02	0.0000e+00	0.0000e+00
386	2031	-4.7990e+00	0.0000e+00	1.1790e-17	5.0022e-02	0.0000e+00	0.0000e+00
	1916	4.7990e+00	0.0000e+00	-1.1790e-17	-5.0022e-02	0.0000e+00	0.0000e+00
387	2014	-6.8916e-01	0.0000e+00	1.0568e-17	9.3729e-02	0.0000e+00	0.0000e+00
	2086	6.8916e-01	0.0000e+00	-1.0568e-17	-9.3729e-02	0.0000e+00	0.0000e+00
388	2113	-6.4576e-01	0.0000e+00	0.0000e+00	6.0358e-02	0.0000e+00	0.0000e+00
	2014	6.4576e-01	0.0000e+00	0.0000e+00	-6.0358e-02	0.0000e+00	0.0000e+00
389	2114	-3.2536e+00	0.0000e+00	0.0000e+00	3.7533e-02	0.0000e+00	0.0000e+00
	2031	3.2536e+00	0.0000e+00	0.0000e+00	-3.7533e-02	0.0000e+00	0.0000e+00
390	2115	-1.8951e-01	0.0000e+00	0.0000e+00	-1.7394e-02	0.0000e+00	0.0000e+00
	2048	1.8951e-01	0.0000e+00	0.0000e+00	1.7394e-02	0.0000e+00	0.0000e+00
391	2117	2.5275e+00	0.0000e+00	0.0000e+00	-8.5490e-02	0.0000e+00	0.0000e+00
	2065	-2.5275e+00	0.0000e+00	0.0000e+00	8.5490e-02	0.0000e+00	0.0000e+00

392	2092	-3.9287e-01	0.0000e+00	8.6060e-18	2.8627e-02	0.0000e+00	0.0000e+00
	2113	3.9287e-01	0.0000e+00	-8.6060e-18	-2.8627e-02	0.0000e+00	0.0000e+00
393	2094	-1.8371e+00	0.0000e+00	8.6025e-18	-2.9637e-02	0.0000e+00	0.0000e+00
	2114	1.8371e+00	0.0000e+00	-8.6025e-18	2.9637e-02	0.0000e+00	0.0000e+00
394	2096	-1.3874e-01	0.0000e+00	7.9213e-18	-9.2698e-02	0.0000e+00	0.0000e+00
	2115	1.3874e-01	0.0000e+00	-7.9213e-18	9.2698e-02	0.0000e+00	0.0000e+00
395	2100	1.5296e+00	0.0000e+00	6.3553e-18	-1.4958e-01	0.0000e+00	0.0000e+00
	2117	-1.5296e+00	0.0000e+00	-6.3553e-18	1.4958e-01	0.0000e+00	0.0000e+00
396	2091	4.7993e-02	-2.1448e-18	1.8474e-18	2.6182e-02	0.0000e+00	0.0000e+00
	2092	-4.7993e-02	2.1448e-18	-1.8474e-18	-2.6182e-02	0.0000e+00	0.0000e+00
397	2093	-5.2660e-01	-2.2891e-18	1.8846e-18	-7.9866e-03	0.0000e+00	0.0000e+00
	2094	5.2660e-01	2.2891e-18	-1.8846e-18	7.9866e-03	0.0000e+00	0.0000e+00
398	2095	-7.3253e-02	-2.0429e-18	1.7879e-18	-4.9726e-02	0.0000e+00	0.0000e+00
	2096	7.3253e-02	2.0429e-18	-1.7879e-18	4.9726e-02	0.0000e+00	0.0000e+00
399	2099	5.6147e-01	-1.3988e-18	1.4998e-18	-9.0278e-02	0.0000e+00	0.0000e+00
	2100	-5.6147e-01	1.3988e-18	-1.4998e-18	9.0278e-02	0.0000e+00	0.0000e+00
400	2066	-3.9654e-01	-1.3912e-18	1.4944e-18	-8.9816e-02	0.0000e+00	0.0000e+00
	2099	3.9654e-01	1.3912e-18	-1.4944e-18	8.9816e-02	0.0000e+00	0.0000e+00
401	2049	-1.3546e+00	0.0000e+00	6.2964e-18	-1.4797e-01	0.0000e+00	0.0000e+00
	2066	1.3546e+00	0.0000e+00	-6.2964e-18	1.4797e-01	0.0000e+00	0.0000e+00
402	2064	-7.9826e-03	-2.0323e-18	1.7812e-18	-4.9579e-02	0.0000e+00	0.0000e+00
	2095	7.9826e-03	2.0323e-18	-1.7812e-18	4.9579e-02	0.0000e+00	0.0000e+00
403	2063	7.5883e-01	-2.2788e-18	1.8779e-18	-8.2145e-03	0.0000e+00	0.0000e+00
	2093	-7.5883e-01	2.2788e-18	-1.8779e-18	8.2145e-03	0.0000e+00	0.0000e+00
404	2062	5.3915e-01	-2.1387e-18	1.8420e-18	2.5577e-02	0.0000e+00	0.0000e+00
	2091	-5.3915e-01	2.1387e-18	-1.8420e-18	-2.5577e-02	0.0000e+00	0.0000e+00
405	2061	1.8934e+00	-1.6133e-18	1.7594e-18	4.1718e-02	0.0000e+00	0.0000e+00
	2089	-1.8934e+00	1.6133e-18	-1.7594e-18	-4.1718e-02	0.0000e+00	0.0000e+00
406	2060	6.7404e-01	-1.0784e-18	1.6856e-18	5.6682e-02	0.0000e+00	0.0000e+00
	2087	-6.7404e-01	1.0784e-18	-1.6856e-18	-5.6682e-02	0.0000e+00	0.0000e+00
407	2058	-1.5715e+00	-2.8454e-19	1.6148e-18	7.3610e-02	0.0000e+00	0.0000e+00
	2083	1.5715e+00	2.8454e-19	-1.6148e-18	-7.3610e-02	0.0000e+00	0.0000e+00
408	2057	7.9526e-01	7.4465e-19	1.5785e-18	8.3021e-02	0.0000e+00	0.0000e+00
	2081	-7.9526e-01	-7.4465e-19	-1.5785e-18	-8.3021e-02	0.0000e+00	0.0000e+00
409	2054	1.1117e+00	2.7104e-18	1.6450e-18	4.8624e-02	0.0000e+00	0.0000e+00
	2075	-1.1117e+00	-2.7104e-18	-1.6450e-18	-4.8624e-02	0.0000e+00	0.0000e+00
410	2052	-1.9204e-01	3.1345e-18	1.6944e-18	5.2346e-03	0.0000e+00	0.0000e+00
	2071	1.9204e-01	-3.1345e-18	-1.6944e-18	-5.2346e-03	0.0000e+00	0.0000e+00
411	2051	-1.0152e+00	1.9130e-18	1.4117e-18	-1.1034e-01	0.0000e+00	0.0000e+00
	2069	1.0152e+00	-1.9130e-18	-1.4117e-18	1.1034e-01	0.0000e+00	0.0000e+00
412	2050	-1.3467e-01	4.2412e-19	9.8197e-19	-1.3524e-01	0.0000e+00	0.0000e+00
	2067	1.3467e-01	-4.2412e-19	-9.8197e-19	1.3524e-01	0.0000e+00	0.0000e+00
413	2047	4.3466e-02	0.0000e+00	7.8477e-18	-9.2211e-02	0.0000e+00	0.0000e+00
	2064	-4.3466e-02	0.0000e+00	-7.8477e-18	9.2211e-02	0.0000e+00	0.0000e+00
414	2046	2.0758e+00	0.0000e+00	8.5302e-18	-3.0381e-02	0.0000e+00	0.0000e+00
	2063	-2.0758e+00	0.0000e+00	-8.5302e-18	3.0381e-02	0.0000e+00	0.0000e+00
415	2045	9.8874e-01	0.0000e+00	8.5470e-18	2.6762e-02	0.0000e+00	0.0000e+00
	2062	-9.8874e-01	0.0000e+00	-8.5470e-18	-2.6762e-02	0.0000e+00	0.0000e+00
416	2044	4.6761e+00	0.0000e+00	8.1934e-18	6.8191e-02	0.0000e+00	0.0000e+00
	2061	-4.6761e+00	0.0000e+00	-8.1934e-18	-6.8191e-02	0.0000e+00	0.0000e+00
417	2043	4.8459e-01	0.0000e+00	7.7451e-18	1.0274e-01	0.0000e+00	0.0000e+00
	2060	-4.8459e-01	0.0000e+00	-7.7451e-18	-1.0274e-01	0.0000e+00	0.0000e+00
418	2041	-3.5039e+00	0.0000e+00	7.3181e-18	1.3198e-01	0.0000e+00	0.0000e+00
	2058	3.5039e+00	0.0000e+00	-7.3181e-18	-1.3198e-01	0.0000e+00	0.0000e+00
419	2040	9.2719e-01	0.0000e+00	7.1225e-18	1.4628e-01	0.0000e+00	0.0000e+00

	2057	-9.2719e-01	0.0000e+00	-7.1225e-18	-1.4628e-01	0.0000e+00	0.0000e+00
420	2038	4.7217e+00	0.0000e+00	7.2129e-18	1.3170e-01	0.0000e+00	0.0000e+00
	2055	-4.7217e+00	0.0000e+00	-7.2129e-18	-1.3170e-01	0.0000e+00	0.0000e+00
421	2037	1.6854e+00	0.0000e+00	7.4933e-18	8.5878e-02	0.0000e+00	0.0000e+00
	2054	-1.6854e+00	0.0000e+00	-7.4933e-18	-8.5878e-02	0.0000e+00	0.0000e+00
422	2035	-1.5548e+00	0.0000e+00	7.7697e-18	1.1770e-02	0.0000e+00	0.0000e+00
	2052	1.5548e+00	0.0000e+00	-7.7697e-18	-1.1770e-02	0.0000e+00	0.0000e+00
423	2034	-3.0877e+00	0.0000e+00	6.2994e-18	-1.8420e-01	0.0000e+00	0.0000e+00
	2051	3.0877e+00	0.0000e+00	-6.2994e-18	1.8420e-01	0.0000e+00	0.0000e+00
424	2033	-4.3873e-01	0.0000e+00	4.0365e-18	-2.2609e-01	0.0000e+00	0.0000e+00
	2050	4.3873e-01	0.0000e+00	-4.0365e-18	2.2609e-01	0.0000e+00	0.0000e+00
425	2032	-2.3286e+00	0.0000e+00	0.0000e+00	-7.8615e-02	0.0000e+00	0.0000e+00
	2049	2.3286e+00	0.0000e+00	0.0000e+00	7.8615e-02	0.0000e+00	0.0000e+00
426	2030	6.0780e-02	0.0000e+00	0.0000e+00	-1.5705e-02	0.0000e+00	0.0000e+00
	2047	-6.0780e-02	0.0000e+00	0.0000e+00	1.5705e-02	0.0000e+00	0.0000e+00
427	2029	3.5082e+00	0.0000e+00	0.0000e+00	3.4219e-02	0.0000e+00	0.0000e+00
	2046	-3.5082e+00	0.0000e+00	0.0000e+00	-3.4219e-02	0.0000e+00	0.0000e+00
428	2028	1.2570e+00	0.0000e+00	0.0000e+00	5.3400e-02	0.0000e+00	0.0000e+00
	2045	-1.2570e+00	0.0000e+00	0.0000e+00	-5.3400e-02	0.0000e+00	0.0000e+00
429	2027	7.6583e+00	0.0000e+00	0.0000e+00	1.6738e-02	0.0000e+00	0.0000e+00
	2044	-7.6583e+00	0.0000e+00	0.0000e+00	-1.6738e-02	0.0000e+00	0.0000e+00
430	2026	2.9967e-01	0.0000e+00	0.0000e+00	-4.4803e-03	0.0000e+00	0.0000e+00
	2043	-2.9967e-01	0.0000e+00	0.0000e+00	4.4803e-03	0.0000e+00	0.0000e+00
431	2024	-8.3936e+00	0.0000e+00	0.0000e+00	3.9245e-03	0.0000e+00	0.0000e+00
	2041	8.3936e+00	0.0000e+00	0.0000e+00	-3.9245e-03	0.0000e+00	0.0000e+00
432	2023	1.0987e+00	0.0000e+00	0.0000e+00	2.8627e-02	0.0000e+00	0.0000e+00
	2040	-1.0987e+00	0.0000e+00	0.0000e+00	-2.8627e-02	0.0000e+00	0.0000e+00
433	2021	1.0286e+01	0.0000e+00	0.0000e+00	4.2722e-02	0.0000e+00	0.0000e+00
	2038	-1.0286e+01	0.0000e+00	0.0000e+00	-4.2722e-02	0.0000e+00	0.0000e+00
434	2020	2.2501e+00	0.0000e+00	0.0000e+00	3.3911e-02	0.0000e+00	0.0000e+00
	2037	-2.2501e+00	0.0000e+00	0.0000e+00	-3.3911e-02	0.0000e+00	0.0000e+00
435	2018	-3.0955e+00	0.0000e+00	0.0000e+00	1.4108e-02	0.0000e+00	0.0000e+00
	2035	3.0955e+00	0.0000e+00	0.0000e+00	-1.4108e-02	0.0000e+00	0.0000e+00
436	2017	-5.4023e+00	0.0000e+00	0.0000e+00	-4.6300e-02	0.0000e+00	0.0000e+00
	2034	5.4023e+00	0.0000e+00	0.0000e+00	4.6300e-02	0.0000e+00	0.0000e+00
437	2016	-6.0958e-01	0.0000e+00	0.0000e+00	-5.9870e-02	0.0000e+00	0.0000e+00
	2033	6.0958e-01	0.0000e+00	0.0000e+00	5.9870e-02	0.0000e+00	0.0000e+00
438	2015	-3.3058e+00	0.0000e+00	1.0552e-17	-2.8355e-01	0.0000e+00	0.0000e+00
	2032	3.3058e+00	0.0000e+00	-1.0552e-17	2.8355e-01	0.0000e+00	0.0000e+00
439	2013	2.6277e-02	0.0000e+00	1.2999e-17	-9.7447e-02	0.0000e+00	0.0000e+00
	2030	-2.6277e-02	0.0000e+00	-1.2999e-17	9.7447e-02	0.0000e+00	0.0000e+00
440	2012	5.0771e+00	0.0000e+00	1.2936e-17	6.0458e-02	0.0000e+00	0.0000e+00
	2029	-5.0771e+00	0.0000e+00	-1.2936e-17	-6.0458e-02	0.0000e+00	0.0000e+00
441	2011	1.3227e+00	0.0000e+00	1.1560e-17	1.3364e-01	0.0000e+00	0.0000e+00
	2028	-1.3227e+00	0.0000e+00	-1.1560e-17	-1.3364e-01	0.0000e+00	0.0000e+00
442	2010	1.0846e+01	0.0000e+00	1.0641e-17	2.1154e-02	0.0000e+00	0.0000e+00
	2027	-1.0846e+01	0.0000e+00	-1.0641e-17	-2.1154e-02	0.0000e+00	0.0000e+00
443	2009	1.7539e-01	0.0000e+00	1.1218e-17	-8.0656e-02	0.0000e+00	0.0000e+00
	2026	-1.7539e-01	0.0000e+00	-1.1218e-17	8.0656e-02	0.0000e+00	0.0000e+00
444	2007	-1.4520e+01	0.0000e+00	1.1798e-17	-1.2381e-01	0.0000e+00	0.0000e+00
	2024	1.4520e+01	0.0000e+00	-1.1798e-17	1.2381e-01	0.0000e+00	0.0000e+00
445	2006	1.2831e+00	0.0000e+00	1.2085e-17	-9.4159e-02	0.0000e+00	0.0000e+00
	2023	-1.2831e+00	0.0000e+00	-1.2085e-17	9.4159e-02	0.0000e+00	0.0000e+00
446	2004	2.8375e+01	0.0000e+00	1.2071e-17	5.6872e-02	0.0000e+00	0.0000e+00
	2021	-2.8375e+01	0.0000e+00	-1.2071e-17	-5.6872e-02	0.0000e+00	0.0000e+00

447	2003	2.7045e+00	0.0000e+00	1.2753e-17	2.2824e-01	0.0000e+00	0.0000e+00
	2020	-2.7045e+00	0.0000e+00	-1.2753e-17	-2.2824e-01	0.0000e+00	0.0000e+00
448	2001	-4.7982e+00	1.7773e-18	0.0000e+00	2.7881e-01	0.0000e+00	0.0000e+00
	2018	4.7982e+00	-1.7773e-18	0.0000e+00	-2.7881e-01	0.0000e+00	0.0000e+00
449	2000	-7.9953e+00	-2.8176e-18	0.0000e+00	-6.0286e-02	0.0000e+00	0.0000e+00
	2017	7.9953e+00	2.8176e-18	0.0000e+00	6.0286e-02	0.0000e+00	0.0000e+00
450	1999	-6.2553e-01	-3.7755e-19	0.0000e+00	-1.6280e-01	0.0000e+00	0.0000e+00
	2016	6.2553e-01	3.7755e-19	0.0000e+00	1.6280e-01	0.0000e+00	0.0000e+00
451	1982	-4.3170e+00	-3.9942e-17	2.1583e-17	9.2297e-01	0.0000e+00	0.0000e+00
	2015	4.3170e+00	3.9942e-17	-2.1583e-17	-9.2297e-01	0.0000e+00	0.0000e+00
452	1984	-1.1422e-01	-5.1589e-17	2.5229e-17	1.1232e-01	0.0000e+00	0.0000e+00
	2013	1.1422e-01	5.1589e-17	-2.5229e-17	-1.1232e-01	0.0000e+00	0.0000e+00
453	1985	1.3576e+00	-3.8834e-17	2.3168e-17	-4.9569e-01	0.0000e+00	0.0000e+00
	2012	-1.3576e+00	3.8834e-17	-2.3168e-17	4.9569e-01	0.0000e+00	0.0000e+00
454	1986	9.1688e-01	-1.3680e-17	1.8792e-17	-6.3500e-01	0.0000e+00	0.0000e+00
	2011	-9.1688e-01	1.3680e-17	-1.8792e-17	6.3500e-01	0.0000e+00	0.0000e+00
455	1998	1.7802e+01	8.6773e-18	1.6921e-17	9.6311e-02	0.0000e+00	0.0000e+00
	2010	-1.7802e+01	-8.6773e-18	-1.6921e-17	-9.6311e-02	0.0000e+00	0.0000e+00
456	1997	2.4790e-01	-1.2891e-17	1.9131e-17	6.4563e-01	0.0000e+00	0.0000e+00
	2009	-2.4790e-01	1.2891e-17	-1.9131e-17	-6.4563e-01	0.0000e+00	0.0000e+00
457	1995	-1.1017e+01	-4.3077e-17	2.1156e-17	7.6468e-01	0.0000e+00	0.0000e+00
	2007	1.1017e+01	4.3077e-17	-2.1156e-17	-7.6468e-01	0.0000e+00	0.0000e+00
458	1994	8.2923e-01	-7.2277e-17	2.2176e-17	5.3352e-01	0.0000e+00	0.0000e+00
	2006	-8.2923e-01	7.2277e-17	-2.2176e-17	-5.3352e-01	0.0000e+00	0.0000e+00
459	1992	1.8072e+01	-8.5393e-17	2.2409e-17	2.7666e-02	0.0000e+00	0.0000e+00
	2004	-1.8072e+01	8.5393e-17	-2.2409e-17	-2.7666e-02	0.0000e+00	0.0000e+00
460	1991	2.0900e+00	-7.5064e-17	2.3016e-17	-4.4698e-01	0.0000e+00	0.0000e+00
	2003	-2.0900e+00	7.5064e-17	-2.3016e-17	4.4698e-01	0.0000e+00	0.0000e+00
461	1989	1.3216e+01	-4.9832e-17	2.5026e-17	-6.6004e-01	0.0000e+00	0.0000e+00
	2001	-1.3216e+01	4.9832e-17	-2.5026e-17	6.6004e-01	0.0000e+00	0.0000e+00
462	1988	1.3954e+00	-1.6423e-17	2.8729e-17	-1.0727e-01	0.0000e+00	0.0000e+00
	2000	-1.3954e+00	1.6423e-17	-2.8729e-17	1.0727e-01	0.0000e+00	0.0000e+00
463	1987	-2.5795e-01	-1.9730e-17	2.8165e-17	7.1466e-02	0.0000e+00	0.0000e+00
	1999	2.5795e-01	1.9730e-17	-2.8165e-17	-7.1466e-02	0.0000e+00	0.0000e+00
464	1926	2.5923e+01	3.8778e+00	-4.7171e-01	-1.4127e+01	7.0280e+01	5.7776e+02
	1981	-2.5923e+01	-3.8778e+00	4.7171e-01	1.4127e+01	0.0000e+00	0.0000e+00
465	1924	2.6196e+01	-8.9533e-01	6.6998e-01	-1.1264e+00	5.8752e+00	4.8896e+02
	1926	-2.6196e+01	8.9533e-01	-6.6998e-01	1.1264e+00	-7.1677e+01	-5.7690e+02
466	1923	2.5972e+01	-3.5331e+00	8.1190e-01	-5.2801e-01	-7.5687e+01	1.3357e+02
	1924	-2.5972e+01	3.5331e+00	-8.1190e-01	5.2801e-01	-5.9589e+00	-4.8887e+02
467	1922	2.8714e+01	-4.4331e+00	-1.2033e+00	-2.5208e+00	4.2494e+01	-3.0122e+02
	1923	-2.8714e+01	4.4331e+00	1.2033e+00	2.5208e+00	7.5646e+01	-1.3404e+02
468	1949	2.6769e+01	-1.1293e+01	-9.1791e-01	7.9051e+00	1.0163e+02	-1.0364e+03
	1922	-2.6769e+01	1.1293e+01	9.1791e-01	-7.9051e+00	-4.1828e+01	3.0067e+02
469	1921	2.0777e+01	5.8226e+00	3.4561e+00	8.5573e+00	-3.1779e+01	-8.1179e+02
	1949	-2.0777e+01	-5.8226e+00	-3.4561e+00	-8.5573e+00	-1.0156e+02	1.0364e+03
470	1920	1.9523e+01	5.3303e+00	5.0655e-01	7.4505e+00	-8.3415e+01	-2.7159e+02
	1921	-1.9523e+01	-5.3303e+00	-5.0655e-01	-7.4505e+00	3.2057e+01	8.1201e+02
471	1918	1.9960e+01	3.3395e+00	-1.0485e+00	-9.7759e-01	2.2056e+01	6.4609e+01
	1920	-1.9960e+01	-3.3395e+00	1.0485e+00	9.7759e-01	8.3742e+01	2.7236e+02
472	1917	1.0507e+01	2.6973e+00	4.6255e-01	1.4546e+00	-2.4623e+01	3.3581e+02
	1918	-1.0507e+01	-2.6973e+00	-4.6255e-01	-1.4546e+00	-2.2030e+01	-6.3765e+01
473	2107	1.0722e+01	1.6470e+00	-3.7650e-01	-9.8292e-01	1.4325e+01	5.0575e+02
	1917	-1.0722e+01	-1.6470e+00	3.7650e-01	9.8292e-01	2.4646e+01	-3.3526e+02
474	2080	1.6368e+01	-3.8194e-01	-2.6521e-01	5.5827e-01	4.0533e+01	4.6806e+02

	2107	-1.6368e+01	3.8194e-01	2.6521e-01	-5.5827e-01	-1.4348e+01	-5.0577e+02
475	2079	1.6230e+01	-2.1550e+00	-4.2934e-01	4.9514e+00	8.3451e+01	2.5168e+02
	2080	-1.6230e+01	2.1550e+00	4.2934e-01	-4.9514e+00	-4.0233e+01	-4.6861e+02
476	2056	5.6212e+00	-4.4709e-01	-3.1136e+00	-1.1784e+01	8.7487e+01	-1.5692e+01
	1959	-5.6212e+00	4.4709e-01	3.1136e+00	1.1784e+01	1.7987e+02	-2.2698e+01
477	2039	-7.6162e-01	8.1692e-02	7.8947e-01	-5.9188e+00	7.7812e+00	-7.2513e+00
	2056	7.6162e-01	-8.1692e-02	-7.8947e-01	5.9188e+00	-8.8078e+01	1.5560e+01
478	1960	-7.5361e-01	1.3716e-01	1.5558e-01	-5.3340e+00	4.0505e+00	-3.6743e+00
	2039	7.5361e-01	-1.3716e-01	-1.5558e-01	5.3340e+00	-8.1931e+00	7.3264e+00
479	2022	-1.3139e+01	-2.6093e+00	-4.2575e-01	-1.3173e+01	6.3433e+01	-3.8877e+02
	1980	1.3139e+01	2.6093e+00	4.2575e-01	1.3173e+01	0.0000e+00	0.0000e+00
480	1993	-1.6243e+01	-3.2512e-01	6.4027e-01	-1.4321e+00	1.8861e+00	-4.1958e+02
	2022	1.6243e+01	3.2512e-01	-6.4027e-01	1.4321e+00	-6.4770e+01	3.8764e+02
481	1916	-1.6192e+01	1.3149e+00	7.0206e-01	-1.2345e+00	-6.8578e+01	-2.8716e+02
	1993	1.6192e+01	-1.3149e+00	-7.0206e-01	1.2345e+00	-2.0209e+00	4.1939e+02
482	2086	-1.4702e+01	1.9270e+00	-1.1500e+00	-3.0413e+00	4.4387e+01	-9.8477e+01
	1916	1.4702e+01	-1.9270e+00	1.1500e+00	3.0413e+00	6.8522e+01	2.8768e+02
483	1948	-1.3790e+01	5.4498e+00	-7.4618e-01	7.8615e+00	9.2405e+01	2.5593e+02
	2086	1.3790e+01	-5.4498e+00	7.4618e-01	-7.8615e+00	-4.3791e+01	9.9125e+01
484	2085	-1.1106e+01	-2.1959e+00	3.6155e+00	8.4546e+00	-4.7153e+01	1.7121e+02
	1948	1.1106e+01	2.1959e+00	-3.6155e+00	-8.4546e+00	-9.2338e+01	-2.5593e+02
485	2059	-1.3627e+00	-1.3155e+00	8.1250e-02	6.8104e+00	-5.5655e+01	3.8101e+01
	2085	1.3627e+00	1.3155e+00	-8.1250e-02	-6.8104e+00	4.7418e+01	-1.7148e+02
486	2042	-1.4881e+00	-1.1718e+00	-4.0669e-01	1.1777e+00	-1.5022e+01	-7.9207e+01
	2059	1.4881e+00	1.1718e+00	4.0669e-01	-1.1777e+00	5.6058e+01	-3.9028e+01
487	2025	-7.2000e+00	-1.2814e+00	1.8470e-02	-4.8067e-01	-1.6923e+01	-2.0741e+02
	2042	7.2000e+00	1.2814e+00	-1.8470e-02	4.8067e-01	1.5060e+01	7.8170e+01
488	2008	-7.2913e+00	-5.6448e-01	-4.4580e-01	-2.1488e+00	2.9352e+01	-2.6519e+02
	2025	7.2913e+00	5.6448e-01	4.4580e-01	2.1488e+00	1.6793e+01	2.0676e+02
489	1996	-5.0038e+00	2.2378e+00	-2.2167e-01	1.0085e+00	5.1299e+01	-4.4374e+01
	2008	5.0038e+00	-2.2378e+00	2.2167e-01	-1.0085e+00	-2.9414e+01	2.6531e+02
490	1919	-4.7315e+00	2.7673e+00	1.1406e-01	6.5667e+00	3.9406e+01	2.3335e+02
	1996	4.7315e+00	-2.7673e+00	-1.1406e-01	-6.5667e+00	-5.0887e+01	4.5216e+01
491	2098	-6.9995e-01	-2.9999e+00	-2.5301e+00	-1.0108e+01	6.3260e+01	3.7954e+02
	1958	6.9995e-01	2.9999e+00	2.5301e+00	1.0108e+01	1.5399e+02	-6.3713e+02
492	2097	-1.7319e+00	-2.9884e+00	4.5876e-01	-5.8619e+00	1.7133e+01	7.5507e+01
	2098	1.7319e+00	2.9884e+00	-4.5876e-01	5.8619e+00	-6.3793e+01	-3.7946e+02
493	1961	-1.9458e+00	-2.8538e+00	2.3556e-01	-4.5936e+00	1.1244e+01	-2.4804e-01
	2097	1.9458e+00	2.8538e+00	-2.3556e-01	4.5936e+00	-1.7516e+01	-7.5740e+01
494	2065	-4.9555e+00	-1.1223e+00	-4.0668e-01	-1.1981e+01	6.0592e+01	-1.6721e+02
	1979	4.9555e+00	1.1223e+00	4.0668e-01	1.1981e+01	0.0000e+00	0.0000e+00
495	2048	-5.0769e+00	-2.0351e-01	6.0501e-01	-7.7598e-01	2.3393e+00	-1.8737e+02
	2065	5.0769e+00	2.0351e-01	-6.0501e-01	7.7598e-01	-6.1761e+01	1.6739e+02
496	2031	-5.0715e+00	3.0963e-01	5.9081e-01	-5.3606e-01	-5.7007e+01	-1.5631e+02
	2048	5.0715e+00	-3.0963e-01	-5.9081e-01	5.3606e-01	-2.4056e+00	1.8744e+02
497	2014	-5.0616e+00	4.4307e-01	-9.5461e-01	-2.0370e+00	3.6755e+01	-1.1279e+02
	2031	5.0616e+00	-4.4307e-01	9.5461e-01	2.0370e+00	5.6973e+01	1.5630e+02
498	1947	-4.8013e+00	1.6626e+00	-9.9802e-01	6.9765e+00	1.0116e+02	-4.4434e+00
	2014	4.8013e+00	-1.6626e+00	9.9802e-01	-6.9765e+00	-3.6144e+01	1.1276e+02
499	2005	-4.0187e+00	-5.6074e-01	3.3231e+00	7.6265e+00	-2.7109e+01	-2.6077e+01
	1947	4.0187e+00	5.6074e-01	-3.3231e+00	-7.6265e+00	-1.0110e+02	4.4434e+00
500	1983	-4.0358e+00	-4.2093e-01	2.7973e-02	6.6811e+00	-3.0193e+01	-6.8820e+01
	2005	4.0358e+00	4.2093e-01	-2.7973e-02	-6.6811e+00	2.7357e+01	2.6143e+01
501	1925	-4.0576e+00	-1.2855e-02	4.0497e-01	3.6102e+00	-7.1575e+01	-7.0281e+01
	1983	4.0576e+00	1.2855e-02	-4.0497e-01	-3.6102e+00	3.0712e+01	6.8984e+01

502	2125	4.9698e+00	8.8436e-01	-7.2896e-01	-4.2757e+00	1.9844e+00	1.8698e+01
	1925	-4.9698e+00	-8.8436e-01	7.2896e-01	4.2757e+00	7.1538e+01	7.0498e+01
503	2123	5.0328e+00	3.8949e-01	-5.3859e-01	-4.0589e+00	5.8147e+01	5.8877e+01
	2125	-5.0328e+00	-3.8949e-01	5.3859e-01	4.0589e+00	-2.3967e+00	-1.8561e+01
504	2122	7.7162e-02	6.3015e-01	1.9547e-01	2.1915e+00	3.8949e+01	1.2118e+02
	2123	-7.7162e-02	-6.3015e-01	-1.9547e-01	-2.1915e+00	-5.8247e+01	-5.8961e+01
505	2120	1.4506e-01	6.1807e-01	7.4367e-02	6.4031e+00	3.0995e+01	1.8366e+02
	2122	-1.4506e-01	-6.1807e-01	-7.4367e-02	-6.4031e+00	-3.8481e+01	-1.2145e+02
506	2119	-5.9695e-01	-1.2096e+00	-2.2170e+00	-9.4220e+00	4.6313e+01	1.4858e+02
	1957	5.9695e-01	1.2096e+00	2.2170e+00	9.4220e+00	1.4405e+02	-2.5245e+02
507	2118	-6.7636e-01	-1.1671e+00	2.1359e-01	-6.3093e+00	2.5115e+01	2.9876e+01
	2119	6.7636e-01	1.1671e+00	-2.1359e-01	6.3093e+00	-4.6839e+01	-1.4858e+02
508	1962	-7.5987e-01	-1.1145e+00	3.1124e-01	-4.4563e+00	1.7221e+01	1.0195e-01
	2118	7.5987e-01	1.1145e+00	-3.1124e-01	4.4563e+00	-2.5509e+01	-2.9777e+01
509	2117	-2.7687e+00	-7.3057e-01	-4.0239e-01	-1.1549e+01	5.9953e+01	-1.0885e+02
	1978	2.7687e+00	7.3057e-01	4.0239e-01	1.1549e+01	0.0000e+00	0.0000e+00
510	2115	-2.8553e+00	-2.1551e-01	5.9548e-01	-4.6688e-01	2.5675e+00	-1.2995e+02
	2117	2.8553e+00	2.1551e-01	-5.9548e-01	4.6688e-01	-6.1053e+01	1.0878e+02
511	2114	-2.8625e+00	7.3608e-02	5.4471e-01	-2.0552e-01	-5.2175e+01	-1.2247e+02
	2115	2.8625e+00	-7.3608e-02	-5.4471e-01	2.0552e-01	-2.6015e+00	1.2987e+02
512	2113	-2.8596e+00	1.4896e-01	-8.7177e-01	-1.5794e+00	3.3441e+01	-1.0778e+02
	2114	2.8596e+00	-1.4896e-01	8.7177e-01	1.5794e+00	5.2152e+01	1.2241e+02
513	1946	-2.7372e+00	8.4097e-01	-1.1247e+00	6.6133e+00	1.0609e+02	-5.2959e+01
	2113	2.7372e+00	-8.4097e-01	1.1247e+00	-6.6133e+00	-3.2819e+01	1.0775e+02
514	2112	-2.3830e+00	-1.6006e-01	3.1814e+00	7.2953e+00	-1.6716e+01	-5.9134e+01
	1946	2.3830e+00	1.6006e-01	-3.1814e+00	-7.2953e+00	-1.0603e+02	5.2959e+01
515	2111	-2.3871e+00	-7.7260e-02	1.1403e-01	6.7108e+00	-2.8519e+01	-6.7014e+01
	2112	2.3871e+00	7.7260e-02	-1.1403e-01	-6.7108e+00	1.6959e+01	5.9181e+01
516	2109	-2.3828e+00	1.6324e-01	5.1868e-01	3.8081e+00	-8.1386e+01	-5.0643e+01
	2111	2.3828e+00	-1.6324e-01	-5.1868e-01	-3.8081e+00	2.9050e+01	6.7114e+01
517	2108	2.6729e+00	6.7583e-01	-8.2845e-01	-5.1546e+00	2.2454e+00	1.7397e+01
	2109	-2.6729e+00	-6.7583e-01	8.2845e-01	5.1546e+00	8.1311e+01	5.0766e+01
518	2106	2.7266e+00	4.0869e-01	-6.5097e-01	-4.9078e+00	7.0126e+01	5.9584e+01
	2108	-2.7266e+00	-4.0869e-01	6.5097e-01	4.9078e+00	-2.7432e+00	-1.7280e+01
519	2105	6.5815e-02	5.3749e-01	3.5992e-01	2.6330e+00	3.4713e+01	1.1256e+02
	2106	-6.5815e-02	-5.3749e-01	-3.5992e-01	-2.6330e+00	-7.0248e+01	-5.9489e+01
520	2103	1.2373e-01	5.2718e-01	6.9130e-02	6.3826e+00	2.7263e+01	1.6557e+02
	2105	-1.2373e-01	-5.2718e-01	-6.9130e-02	-6.3826e+00	-3.4222e+01	-1.1250e+02
521	2102	-5.3087e-01	-1.0757e+00	-2.0921e+00	-9.1383e+00	3.9530e+01	1.3148e+02
	1956	5.3087e-01	1.0757e+00	2.0921e+00	9.1383e+00	1.4011e+02	-2.2385e+02
522	2101	-6.0149e-01	-1.0379e+00	1.1643e-01	-6.4790e+00	2.8210e+01	2.6057e+01
	2102	6.0149e-01	1.0379e+00	-1.1643e-01	6.4790e+00	-4.0052e+01	-1.3162e+02
523	1963	-6.7576e-01	-9.9112e-01	3.4053e-01	-4.3993e+00	1.9541e+01	-1.6727e-01
	2101	6.7576e-01	9.9112e-01	-3.4053e-01	4.3993e+00	-2.8608e+01	-2.6223e+01
524	2100	-1.1094e+00	-2.6893e-01	-3.9327e-01	-1.1071e+01	5.8594e+01	-4.0067e+01
	1977	1.1094e+00	2.6893e-01	3.9327e-01	1.1071e+01	0.0000e+00	0.0000e+00
525	2099	1.3882e-02	4.6432e-04	-3.9060e-01	-1.0950e+01	5.8196e+01	6.9180e-02
	1976	-1.3882e-02	-4.6432e-04	3.9060e-01	1.0950e+01	0.0000e+00	0.0000e+00
526	2096	-1.1398e+00	-6.2939e-02	5.7486e-01	-2.4425e-01	3.1702e+00	-4.6308e+01
	2100	1.1398e+00	6.2939e-02	-5.7486e-01	2.4425e-01	-5.9630e+01	4.0127e+01
527	2095	1.3735e-02	-2.0650e-03	5.6741e-01	-1.9731e-01	3.4893e+00	-1.3409e-01
	2099	-1.3735e-02	2.0650e-03	-5.6741e-01	1.9731e-01	-5.9217e+01	-6.8718e-02
528	2094	-1.1403e+00	5.2351e-02	5.0937e-01	7.6774e-02	-4.8044e+01	-4.1087e+01
	2096	1.1403e+00	-5.2351e-02	-5.0937e-01	-7.6774e-02	-3.1787e+00	4.6351e+01
529	2093	1.3457e-02	-3.4399e-03	5.0214e-01	1.5565e-01	-4.7004e+01	-4.8016e-01

	2095	-1.3457e-02	3.4399e-03	-5.0214e-01	-1.5565e-01	-3.4914e+00	1.3424e-01
530	2092	-1.1385e+00	8.2362e-02	-8.0110e-01	-1.1884e+00	3.0625e+01	-3.3022e+01
	2094	1.1385e+00	-8.2362e-02	8.0110e-01	1.1884e+00	4.8029e+01	4.1108e+01
531	2091	1.3362e-02	-3.7931e-03	-7.8330e-01	-1.0822e+00	2.9915e+01	-8.5235e-01
	2093	-1.3362e-02	3.7931e-03	7.8330e-01	1.0822e+00	4.6992e+01	4.7993e-01
532	1945	-1.0842e+00	3.5719e-01	-1.2420e+00	6.3067e+00	1.1091e+02	-9.7484e+00
	2092	1.0842e+00	-3.5719e-01	1.2420e+00	-6.3067e+00	-2.9993e+01	3.3019e+01
533	1944	1.2036e-02	-6.9334e-03	-1.2745e+00	6.2367e+00	1.1231e+02	-1.3035e+00
	2091	-1.2036e-02	6.9334e-03	1.2745e+00	-6.2367e+00	-2.9278e+01	8.5175e-01
534	2090	-9.2326e-01	-9.9143e-02	3.0563e+00	7.0197e+00	-7.0738e+00	-1.3573e+01
	1945	9.2326e-01	9.9143e-02	-3.0563e+00	-7.0197e+00	-1.1084e+02	9.7484e+00
535	2089	8.7239e-03	2.5309e-03	3.0151e+00	6.9588e+00	-4.0788e+00	-1.2058e+00
	1944	-8.7239e-03	-2.5309e-03	-3.0151e+00	-6.9588e+00	-1.1225e+02	1.3035e+00
536	2088	-9.2615e-01	-6.7042e-02	2.1747e-01	6.7700e+00	-2.9361e+01	-2.0342e+01
	2090	9.2615e-01	6.7042e-02	-2.1747e-01	-6.7700e+00	7.3131e+00	1.3545e+01
537	2087	8.8064e-03	2.2266e-03	2.7263e-01	6.8131e+00	-3.1959e+01	-9.7911e-01
	2089	-8.8064e-03	-2.2266e-03	-2.7263e-01	-6.8131e+00	4.3178e+00	1.2049e+00
538	2084	-9.2819e-01	2.6455e-02	5.6348e-01	3.7823e+00	-8.6750e+01	-1.7625e+01
	2088	9.2819e-01	-2.6455e-02	-5.6348e-01	-3.7823e+00	2.9893e+01	2.0294e+01
539	2083	8.9857e-03	1.3295e-03	5.1395e-01	3.5639e+00	-8.4341e+01	-8.4361e-01
	2087	-8.9857e-03	-1.3295e-03	-5.1395e-01	-3.5639e+00	3.2482e+01	9.7776e-01
540	2082	1.7989e+00	2.6453e-01	-8.7642e-01	-5.7717e+00	1.7549e+00	9.1154e+00
	2084	-1.7989e+00	-2.6453e-01	8.7642e-01	5.7717e+00	8.6640e+01	1.7565e+01
541	2081	1.8227e+00	9.1227e-02	-8.1856e-01	-5.7231e+00	-1.6627e+00	8.3557e+00
	2083	-1.8227e+00	-9.1227e-02	8.1856e-01	5.7231e+00	8.4222e+01	8.4543e-01
542	2078	1.8162e+00	8.5679e-02	-7.3887e-01	-5.5703e+00	7.8797e+01	1.8048e+01
	2082	-1.8162e+00	-8.5679e-02	7.3887e-01	5.5703e+00	-2.3160e+00	-9.1789e+00
543	2077	1.8228e+00	-8.9128e-02	-8.1589e-01	-5.8592e+00	8.3364e+01	-8.6995e-01
	2081	-1.8228e+00	8.9128e-02	8.1589e-01	5.8592e+00	1.0897e+00	-8.3558e+00
544	2076	2.1180e-02	1.7297e-01	4.7175e-01	2.9023e+00	3.2363e+01	3.5183e+01
	2078	-2.1180e-02	-1.7297e-01	-4.7175e-01	-2.9023e+00	-7.8941e+01	-1.8105e+01
545	2075	-1.4681e-05	-1.1990e-04	5.3931e-01	3.1045e+00	3.0265e+01	-8.7990e-01
	2077	1.4681e-05	1.1990e-04	-5.3931e-01	-3.1045e+00	-8.3512e+01	8.6806e-01
546	2072	3.9816e-02	1.6965e-01	7.8985e-02	6.3955e+00	2.3907e+01	5.2295e+01
	2076	-3.9816e-02	-1.6965e-01	-7.8985e-02	-6.3955e+00	-3.1858e+01	-3.5218e+01
547	2071	-2.7599e-05	-1.1760e-04	6.0683e-02	6.3689e+00	2.3642e+01	-8.9296e-01
	2075	2.7599e-05	1.1760e-04	-6.0683e-02	-6.3689e+00	-2.9750e+01	8.8112e-01
548	2070	-1.6742e-01	-3.3924e-01	-1.9912e+00	-8.9097e+00	3.4044e+01	4.1869e+01
	1955	1.6742e-01	3.3924e-01	1.9912e+00	8.9097e+00	1.3693e+02	-7.0998e+01
549	2069	2.1469e-03	4.3502e-03	-1.9724e+00	-8.8727e+00	3.3033e+01	-5.3362e-01
	1954	-2.1469e-03	-4.3502e-03	1.9724e+00	8.8727e+00	1.3633e+02	9.0715e-01
550	2068	-1.8969e-01	-3.2731e-01	3.8361e-02	-6.6172e+00	3.0661e+01	8.5047e+00
	2070	1.8969e-01	3.2731e-01	-3.8361e-02	6.6172e+00	-3.4563e+01	-4.1795e+01
551	2067	2.4325e-03	4.1972e-03	2.3755e-02	-6.6478e+00	3.1135e+01	-1.0681e-01
	2069	-2.4325e-03	-4.1972e-03	-2.3755e-02	6.6478e+00	-3.3551e+01	5.3371e-01
552	1964	-2.1311e-01	-3.1256e-01	3.6378e-01	-4.3579e+00	2.1376e+01	9.1300e-02
	2068	2.1311e-01	3.1256e-01	-3.6378e-01	4.3579e+00	-3.1063e+01	-8.4139e+00
553	1965	2.7328e-03	4.0081e-03	3.6834e-01	-4.3537e+00	2.1730e+01	-4.7343e-05
	2067	-2.7328e-03	-4.0081e-03	-3.6834e-01	4.3537e+00	-3.1538e+01	1.0677e-01
554	2066	1.1312e+00	2.6788e-01	-3.9139e-01	-1.1052e+01	5.8314e+01	3.9912e+01
	1975	-1.1312e+00	-2.6788e-01	3.9139e-01	1.1052e+01	0.0000e+00	0.0000e+00
555	2064	1.1610e+00	5.7956e-02	5.6663e-01	-2.7608e-01	3.6994e+00	4.5662e+01
	2066	-1.1610e+00	-5.7956e-02	-5.6663e-01	2.7608e-01	-5.9351e+01	-3.9970e+01
556	2063	1.1609e+00	-5.9451e-02	5.1518e-01	9.8481e-02	-4.8099e+01	3.9726e+01
	2064	-1.1609e+00	5.9451e-02	-5.1518e-01	-9.8481e-02	-3.7084e+00	-4.5705e+01

557	2062	1.1590e+00	-9.0002e-02	-8.0174e-01	-1.1682e+00	3.0633e+01	3.0912e+01
	2063	-1.1590e+00	9.0002e-02	8.0174e-01	1.1682e+00	4.8085e+01	-3.9749e+01
558	1943	1.1022e+00	-3.6958e-01	-1.2513e+00	6.3281e+00	1.1152e+02	6.8327e+00
	2062	-1.1022e+00	3.6958e-01	1.2513e+00	-6.3281e+00	-2.9995e+01	-3.0911e+01
559	2061	9.3556e-01	1.0291e-01	3.0497e+00	7.0451e+00	-6.2062e+00	1.0803e+01
	1943	-9.3556e-01	-1.0291e-01	-3.0497e+00	-7.0451e+00	-1.1146e+02	-6.8327e+00
560	2060	9.3857e-01	7.0380e-02	2.6702e-01	6.8254e+00	-3.3519e+01	1.7912e+01
	2061	-9.3857e-01	-7.0380e-02	-2.6702e-01	-6.8254e+00	6.4470e+00	-1.0777e+01
561	2058	9.4089e-01	-2.4383e-02	4.5648e-01	3.4193e+00	-8.0095e+01	1.5406e+01
	2060	-9.4089e-01	2.4383e-02	-4.5648e-01	-3.4193e+00	3.4036e+01	-1.7866e+01
562	2057	2.7552e+00	-3.6274e-02	-7.4035e-01	-5.4003e+00	-5.3146e+00	1.1685e+01
	2058	-2.7552e+00	3.6274e-02	7.4035e-01	5.4003e+00	7.9986e+01	-1.5344e+01
563	2055	2.7381e+00	-3.0805e-01	-8.7228e-01	-5.8985e+00	8.5535e+01	-2.0265e+01
	2057	-2.7381e+00	3.0805e-01	8.7228e-01	5.8985e+00	4.7556e+00	-1.1622e+01
564	2054	-2.1178e-02	-1.7295e-01	5.8687e-01	3.2992e+00	2.7732e+01	-3.7395e+01
	2055	2.1178e-02	1.7295e-01	-5.8687e-01	-3.2992e+00	-8.5675e+01	2.0319e+01
565	2052	-3.9812e-02	-1.6963e-01	1.3169e-02	6.2877e+00	2.5885e+01	-5.4508e+01
	2054	3.9812e-02	1.6963e-01	-1.3169e-02	-6.2877e+00	-2.7211e+01	3.7432e+01
566	2051	1.7265e-01	3.4985e-01	-2.0168e+00	-8.9896e+00	3.5349e+01	-4.3171e+01
	1953	-1.7265e-01	-3.4985e-01	2.0168e+00	8.9896e+00	1.3783e+02	7.3211e+01
567	2050	1.9562e-01	3.3754e-01	5.5687e-02	-6.6099e+00	3.0206e+01	-8.7651e+00
	2051	-1.9562e-01	-3.3754e-01	-5.5687e-02	6.6099e+00	-3.5870e+01	4.3097e+01
568	1966	2.1978e-01	3.2234e-01	3.5974e-01	-4.3838e+00	2.1030e+01	-9.1334e-02
	2050	-2.1978e-01	-3.2234e-01	-3.5974e-01	4.3838e+00	-3.0609e+01	8.6742e+00
569	2049	2.7571e+00	7.2044e-01	-3.9796e-01	-1.1504e+01	5.9293e+01	1.0734e+02
	1974	-2.7571e+00	-7.2044e-01	3.9796e-01	1.1504e+01	0.0000e+00	0.0000e+00
570	2047	2.8421e+00	2.0765e-01	5.7605e-01	-5.4234e-01	3.8193e+00	1.2766e+02
	2049	-2.8421e+00	-2.0765e-01	-5.7605e-01	5.4234e-01	-6.0396e+01	-1.0727e+02
571	2046	2.8485e+00	-8.0092e-02	5.5874e-01	-1.5432e-01	-5.2332e+01	1.1953e+02
	2047	-2.8485e+00	8.0092e-02	-5.5874e-01	1.5432e-01	-3.8545e+00	-1.2759e+02
572	2045	2.8454e+00	-1.5508e-01	-8.7374e-01	-1.5324e+00	3.3477e+01	1.0424e+02
	2046	-2.8454e+00	1.5508e-01	8.7374e-01	1.5324e+00	5.2310e+01	-1.1947e+02
573	1942	2.7220e+00	-8.4346e-01	-1.1420e+00	6.6677e+00	1.0725e+02	4.9264e+01
	2045	-2.7220e+00	8.4346e-01	1.1420e+00	-6.6677e+00	-3.2842e+01	-1.0422e+02
574	2044	2.3681e+00	1.5687e-01	3.1702e+00	7.3569e+00	-1.5129e+01	5.5317e+01
	1942	-2.3681e+00	-1.5687e-01	-3.1702e+00	-7.3569e+00	-1.0718e+02	-4.9264e+01
575	2043	2.3721e+00	7.4598e-02	1.8808e-01	6.8275e+00	-3.4444e+01	6.2931e+01
	2044	-2.3721e+00	-7.4598e-02	-1.8808e-01	-6.8275e+00	1.5375e+01	-5.5368e+01
576	2041	2.3675e+00	-1.6438e-01	3.7299e-01	3.3283e+00	-7.2592e+01	4.6453e+01
	2043	-2.3675e+00	1.6438e-01	-3.7299e-01	-3.3283e+00	3.4956e+01	-6.3039e+01
577	2040	5.0756e+00	-2.8618e-01	-6.5205e-01	-4.6674e+00	-6.7522e+00	1.7715e+01
	2041	-5.0756e+00	2.8618e-01	6.5205e-01	4.6674e+00	7.2518e+01	-4.6579e+01
578	2038	5.0226e+00	-7.8579e-01	-8.2356e-01	-5.3111e+00	7.8989e+01	-6.3505e+01
	2040	-5.0226e+00	7.8579e-01	8.2356e-01	5.3111e+00	6.2585e+00	-1.7833e+01
579	2037	-6.5657e-02	-5.3620e-01	5.2075e-01	3.1801e+00	2.7689e+01	-1.1635e+02
	2038	6.5657e-02	5.3620e-01	-5.2075e-01	-3.1801e+00	-7.9104e+01	6.3412e+01
580	2035	-1.2343e-01	-5.2591e-01	-4.3965e-02	6.1647e+00	3.1607e+01	-1.6924e+02
	2037	1.2343e-01	5.2591e-01	4.3965e-02	-6.1647e+00	-2.7181e+01	1.1630e+02
581	2034	5.3924e-01	1.0927e+00	-2.1551e+00	-9.3353e+00	4.2746e+01	-1.3356e+02
	1952	-5.3924e-01	-1.0927e+00	2.1551e+00	9.3353e+00	1.4231e+02	2.2739e+02
582	2033	6.1098e-01	1.0542e+00	1.5944e-01	-6.4610e+00	2.7057e+01	-2.6474e+01
	2034	-6.1098e-01	-1.0542e+00	-1.5944e-01	6.4610e+00	-4.3273e+01	1.3370e+02
583	1967	6.8642e-01	1.0068e+00	3.3029e-01	-4.4656e+00	1.8662e+01	1.6699e-01
	2033	-6.8642e-01	-1.0068e+00	-3.3029e-01	4.4656e+00	-2.7457e+01	2.6640e+01
584	2032	4.8138e+00	1.0837e+00	-4.0030e-01	-1.1913e+01	5.9641e+01	1.6146e+02

	1973	-4.8138e+00	-1.0837e+00	4.0030e-01	1.1913e+01	0.0000e+00	0.0000e+00
585	2030	4.9306e+00	1.9129e-01	5.7693e-01	-8.8123e-01	4.1496e+00	1.8046e+02
	2032	-4.9306e+00	-1.9129e-01	-5.7693e-01	8.8123e-01	-6.0813e+01	-1.6167e+02
586	2029	4.9247e+00	-3.0703e-01	6.1143e-01	-4.5817e-01	-5.7269e+01	1.4966e+02
	2030	-4.9247e+00	3.0703e-01	-6.1143e-01	4.5817e-01	-4.2174e+00	-1.8054e+02
587	2028	4.9149e+00	-4.3661e-01	-9.5747e-01	-1.9661e+00	3.6771e+01	1.0677e+02
	2029	-4.9149e+00	4.3661e-01	9.5747e-01	1.9661e+00	5.7237e+01	-1.4964e+02
588	1941	4.6606e+00	-1.6206e+00	-1.0231e+00	7.0492e+00	1.0280e+02	1.1074e+00
	2028	-4.6606e+00	1.6206e+00	1.0231e+00	-7.0492e+00	-3.6142e+01	-1.0669e+02
589	2027	3.9031e+00	5.3115e-01	3.3062e+00	7.7096e+00	-2.4821e+01	2.1600e+01
	1941	-3.9031e+00	-5.3115e-01	-3.3062e+00	-7.7096e+00	-1.0273e+02	-1.1074e+00
590	2026	3.9192e+00	3.9538e-01	1.1813e-01	6.8436e+00	-3.7051e+01	6.1682e+01
	2027	-3.9192e+00	-3.9538e-01	-1.1813e-01	-6.8436e+00	2.5074e+01	-2.1596e+01
591	2024	3.9391e+00	-8.4114e-04	2.4241e-01	3.0821e+00	-6.2011e+01	6.1673e+01
	2026	-3.9391e+00	8.4114e-04	-2.4241e-01	-3.0821e+00	3.7551e+01	-6.1758e+01
592	2023	8.9453e+00	-1.8157e-01	-5.3952e-01	-3.7477e+00	-7.5588e+00	4.3484e+01
	2024	-8.9453e+00	1.8157e-01	5.3952e-01	3.7477e+00	6.1974e+01	-6.1797e+01
593	2021	8.8837e+00	-1.0636e+00	-7.2390e-01	-4.4755e+00	6.7780e+01	-6.6492e+01
	2023	-8.8837e+00	1.0636e+00	7.2390e-01	4.4755e+00	7.1520e+00	-4.3607e+01
594	2020	-7.6507e-02	-6.2480e-01	3.7933e-01	2.8116e+00	3.0417e+01	-1.2819e+02
	2021	7.6507e-02	6.2480e-01	-3.7933e-01	-2.8116e+00	-6.7869e+01	6.6505e+01
595	2018	-1.4383e-01	-6.1282e-01	-7.5075e-02	6.0943e+00	3.7490e+01	-1.9008e+02
	2020	1.4383e-01	6.1282e-01	7.5075e-02	-6.0943e+00	-2.9933e+01	1.2839e+02
596	2017	6.1045e-01	1.2370e+00	-2.3137e+00	-9.7201e+00	5.1187e+01	-1.5196e+02
	1951	-6.1045e-01	-1.2370e+00	2.3137e+00	9.7201e+00	1.4748e+02	2.5817e+02
597	2016	6.9166e-01	1.1935e+00	2.7930e-01	-6.2815e+00	2.3313e+01	-3.0558e+01
	2017	-6.9166e-01	-1.1935e+00	-2.7930e-01	6.2815e+00	-5.1722e+01	1.5194e+02
598	1968	7.7707e-01	1.1397e+00	2.9525e-01	-4.5602e+00	1.5849e+01	-1.0788e-01
	2016	-7.7707e-01	-1.1397e+00	-2.9525e-01	4.5602e+00	-2.3710e+01	3.0455e+01
599	2015	1.3673e+01	2.7543e+00	-4.1539e-01	-1.3081e+01	6.1890e+01	4.1036e+02
	1972	-1.3673e+01	-2.7543e+00	4.1539e-01	1.3081e+01	0.0000e+00	0.0000e+00
600	2013	1.3946e+01	2.2494e-01	5.9576e-01	-1.6219e+00	4.7238e+00	4.3125e+02
	2015	-1.3946e+01	-2.2494e-01	-5.9576e-01	1.6219e+00	-6.3236e+01	-4.0916e+02
601	2012	1.3897e+01	-1.1829e+00	7.3625e-01	-1.1371e+00	-6.9175e+01	3.1209e+02
	2013	-1.3897e+01	1.1829e+00	-7.3625e-01	1.1371e+00	-4.8633e+00	-4.3104e+02
602	2011	1.6639e+01	-1.7607e+00	-1.1579e+00	-2.9577e+00	4.4570e+01	1.3977e+02
	2012	-1.6639e+01	1.7607e+00	1.1579e+00	2.9577e+00	6.9121e+01	-3.1264e+02
603	1940	1.5709e+01	-5.7604e+00	-7.5211e-01	7.9872e+00	9.2948e+01	-2.3475e+02
	2011	-1.5709e+01	5.7604e+00	7.5211e-01	-7.9872e+00	-4.3948e+01	-1.4054e+02
604	2010	1.3074e+01	1.7262e+00	3.6218e+00	8.5837e+00	-4.6851e+01	-1.6815e+02
	1940	-1.3074e+01	-1.7262e+00	-3.6218e+00	-8.5837e+00	-9.2881e+01	2.3475e+02
605	2009	1.1486e+01	1.5353e+00	-1.6892e-02	6.9524e+00	-4.5408e+01	-1.2567e+01
	2010	-1.1486e+01	-1.5353e+00	1.6892e-02	-6.9524e+00	4.7121e+01	1.6822e+02
606	2007	1.1582e+01	3.7218e-01	-8.9406e-02	2.3497e+00	-3.6856e+01	2.4260e+01
	2009	-1.1582e+01	-3.7218e-01	8.9406e-02	-2.3497e+00	4.5877e+01	1.3293e+01
607	2006	9.3089e+00	1.3470e+00	-4.4947e-01	-1.7112e+00	8.4416e+00	1.5922e+02
	2007	-9.3089e+00	-1.3470e+00	4.4947e-01	1.7112e+00	3.6891e+01	-2.3366e+01
608	2004	9.3964e+00	4.2153e-01	4.3741e-03	-8.6965e-01	8.1165e+00	2.0222e+02
	2006	-9.3964e+00	-4.2153e-01	-4.3741e-03	8.6965e-01	-8.5692e+00	-1.5859e+02
609	2003	1.4839e+01	-1.4459e+00	-5.0767e-01	6.4383e-03	5.8286e+01	5.9495e+01
	2004	-1.4839e+01	1.4459e+00	5.0767e-01	-6.4383e-03	-8.1627e+00	-2.0225e+02
610	2001	1.4595e+01	-3.0469e+00	1.0684e-01	6.3284e+00	4.7186e+01	-2.4654e+02
	2003	-1.4595e+01	3.0469e+00	-1.0684e-01	-6.3284e+00	-5.7942e+01	-6.0170e+01
611	2000	7.0155e+00	2.4621e+00	-2.6947e+00	-1.0608e+01	7.1644e+01	-3.7009e+02
	1950	-7.0155e+00	-2.4621e+00	2.6947e+00	1.0608e+01	1.5974e+02	5.8149e+02

612	1999	9.3010e-01	2.8761e+00	5.7374e-01	-5.8015e+00	1.3836e+01	-7.7507e+01
	2000	-9.3010e-01	-2.8761e+00	-5.7374e-01	5.8015e+00	-7.2192e+01	3.7004e+02
613	1969	1.1379e+00	2.8004e+00	2.0617e-01	-4.7744e+00	8.7339e+00	-3.1741e+00
	1999	-1.1379e+00	-2.8004e+00	-2.0617e-01	4.7744e+00	-1.4224e+01	7.7741e+01
614	1982	-2.6271e+01	-4.0281e+00	-4.9522e-01	-1.5468e+01	7.3783e+01	-6.0015e+02
	1971	2.6271e+01	4.0281e+00	4.9522e-01	1.5468e+01	0.0000e+00	0.0000e+00
615	1984	-2.9349e+01	6.6857e-01	8.0151e-01	-1.8096e+00	-3.3545e+00	-5.3356e+02
	1982	2.9349e+01	-6.6857e-01	-8.0151e-01	1.8096e+00	-7.5366e+01	5.9922e+02
616	1985	-2.9131e+01	3.6255e+00	6.8729e-01	-2.1387e+00	-7.2269e+01	-1.6886e+02
	1984	2.9131e+01	-3.6255e+00	-6.8729e-01	2.1387e+00	3.1549e+00	5.3345e+02
617	1986	-2.7378e+01	4.6029e+00	-1.2717e+00	-4.0409e+00	5.2670e+01	2.8257e+02
	1985	2.7378e+01	-4.6029e+00	1.2717e+00	4.0409e+00	7.2188e+01	1.6936e+02
618	1938	-2.5432e+01	1.1133e+01	-3.5480e-01	8.9094e+00	7.5184e+01	1.0072e+03
	1986	2.5432e+01	-1.1133e+01	3.5480e-01	-8.9094e+00	-5.2068e+01	-2.8193e+02
619	1998	-1.9524e+01	-5.7500e+00	4.1092e+00	9.3911e+00	-8.3422e+01	7.8538e+02
	1938	1.9524e+01	5.7500e+00	-4.1092e+00	-9.3911e+00	-7.5116e+01	-1.0072e+03
620	1997	-8.4447e+00	-4.5023e+00	-4.2494e-01	6.4881e+00	-4.0615e+01	3.2901e+02
	1998	8.4447e+00	4.5023e+00	4.2494e-01	-6.4881e+00	8.3698e+01	-7.8548e+02
621	1995	-8.8547e+00	-3.6300e+00	-1.7703e-01	2.3700e+00	-2.3199e+01	-3.6625e+01
	1997	8.8547e+00	3.6300e+00	1.7703e-01	-2.3700e+00	4.1062e+01	-3.2965e+02
622	1994	-1.4712e+01	-2.9113e+00	-3.7909e-01	-1.9493e-01	1.4916e+01	-3.2949e+02
	1995	1.4712e+01	2.9113e+00	3.7909e-01	1.9493e-01	2.3319e+01	3.5857e+01
623	1992	-1.4927e+01	-1.4449e+00	4.5014e-01	1.2784e+00	-3.1732e+01	-4.7852e+02
	1994	1.4927e+01	1.4449e+00	-4.5014e-01	-1.2784e+00	-1.4863e+01	3.2896e+02
624	1991	-5.1543e+00	7.0328e-01	-1.2800e+00	-2.1298e+00	9.4691e+01	-4.0906e+02
	1992	5.1543e+00	-7.0328e-01	1.2800e+00	2.1298e+00	3.1686e+01	4.7849e+02
625	1989	-5.0476e+00	1.2582e+00	8.0998e-01	8.1535e+00	1.2829e+01	-2.8285e+02
	1991	5.0476e+00	-1.2582e+00	-8.0998e-01	-8.1535e+00	-9.4363e+01	4.0950e+02
626	1988	8.4560e-01	2.7308e-01	-2.4375e+00	-9.6437e+00	6.3806e+01	-2.2652e+01
	1939	-8.4560e-01	-2.7308e-01	2.4375e+00	9.6437e+00	1.4549e+02	4.6100e+01
627	1987	1.0306e-01	1.7782e-01	4.7565e-01	-5.3623e+00	1.5929e+01	-4.6739e+00
	1988	-1.0306e-01	-1.7782e-01	-4.7565e-01	5.3623e+00	-6.4307e+01	2.2760e+01
628	1970	1.1578e-01	1.6981e-01	2.1770e-01	-4.1834e+00	1.0481e+01	-8.0791e-02
	1987	-1.1578e-01	-1.6981e-01	-2.1770e-01	4.1834e+00	-1.6278e+01	4.6024e+00
629	1910	0.0000e+00	1.2660e-03	0.0000e+00	8.7358e+00	0.0000e+00	2.2646e-01
	28	0.0000e+00	-1.2660e-03	0.0000e+00	-8.7358e+00	0.0000e+00	1.0279e-02
630	1905	0.0000e+00	-5.3302e+01	0.0000e+00	-1.6889e+02	0.0000e+00	-2.9651e+03
	33	0.0000e+00	5.3302e+01	0.0000e+00	1.6889e+02	0.0000e+00	-7.0023e+03
631	1915	0.0000e+00	5.3185e+01	0.0000e+00	-1.7155e+02	0.0000e+00	2.9566e+03
	23	0.0000e+00	-5.3185e+01	0.0000e+00	1.7155e+02	0.0000e+00	6.9890e+03
632	1894	1.7749e+01	1.9287e+01	4.7171e-01	-1.0999e+01	-6.6886e+01	2.3723e+03
	1981	-1.7749e+01	-1.9287e+01	-4.7171e-01	1.0999e+01	8.8657e+00	0.0000e+00
633	1895	-8.5919e+00	-1.0277e+01	4.2575e-01	-1.0256e+01	-6.0634e+01	-1.2640e+03
	1980	8.5919e+00	1.0277e+01	-4.2575e-01	1.0256e+01	8.2669e+00	3.6380e-12
634	1896	-3.1539e+00	-3.9836e+00	4.0668e-01	-9.3284e+00	-5.7541e+01	-4.8999e+02
	1979	3.1539e+00	3.9836e+00	-4.0668e-01	9.3284e+00	7.5190e+00	-3.6380e-12
635	1897	-1.6971e+00	-2.3063e+00	4.0239e-01	-8.9916e+00	-5.6742e+01	-2.8367e+02
	1978	1.6971e+00	2.3063e+00	-4.0239e-01	8.9916e+00	7.2476e+00	-5.4570e-12
636	1898	-6.9498e-01	-9.0558e-01	3.9327e-01	-8.6199e+00	-5.5320e+01	-1.1139e+02
	1977	6.9498e-01	9.0558e-01	-3.9327e-01	8.6199e+00	6.9480e+00	-9.0949e-13
637	1899	1.0517e-02	9.0733e-03	3.9060e-01	-8.5257e+00	-5.4916e+01	1.1160e+00
	1976	-1.0517e-02	-9.0733e-03	-3.9060e-01	8.5257e+00	6.8720e+00	0.0000e+00
638	1900	7.1259e-01	9.1844e-01	3.9139e-01	-8.6049e+00	-5.5077e+01	1.1297e+02
	1975	-7.1259e-01	-9.1844e-01	-3.9139e-01	8.6049e+00	6.9359e+00	-1.8190e-12
639	1901	1.6945e+00	2.2911e+00	3.9796e-01	-8.9565e+00	-5.6169e+01	2.8181e+02

	1974	-1.6945e+00	-2.2911e+00	-3.9796e-01	8.9565e+00	7.2193e+00	3.6380e-12
640	1902	3.0678e+00	3.8647e+00	4.0030e-01	-9.2749e+00	-5.6713e+01	4.7536e+02
	1973	-3.0678e+00	-3.8647e+00	-4.0030e-01	9.2749e+00	7.4759e+00	-3.6380e-12
641	1903	8.9167e+00	1.0725e+01	4.1539e-01	-1.0185e+01	-5.9303e+01	1.3191e+03
	1972	-8.9167e+00	-1.0725e+01	-4.1539e-01	1.0185e+01	8.2092e+00	0.0000e+00
642	1904	-1.7926e+01	-1.9623e+01	4.9522e-01	-1.2043e+01	-7.0620e+01	-2.4136e+03
	1971	1.7926e+01	1.9623e+01	-4.9522e-01	1.2043e+01	9.7073e+00	0.0000e+00
2422	55	0.0000e+00	-2.2538e+00	-5.6843e-14	3.0503e+02	0.0000e+00	-4.2981e+02
	56	0.0000e+00	2.2538e+00	5.6843e-14	-3.0503e+02	0.0000e+00	-4.7173e+02
2423	54	-2.2737e-13	-1.5327e+00	0.0000e+00	2.4910e+02	0.0000e+00	-3.3426e+02
	55	2.2737e-13	1.5327e+00	0.0000e+00	-2.4910e+02	0.0000e+00	-3.4015e+02
2424	53	0.0000e+00	-3.4530e+00	5.6843e-14	2.3953e+02	0.0000e+00	-4.8211e+02
	54	0.0000e+00	3.4530e+00	-5.6843e-14	-2.3953e+02	0.0000e+00	-4.8472e+02
2425	52	0.0000e+00	-1.4932e+00	0.0000e+00	2.6616e+02	1.8190e-12	-3.3311e+02
	53	0.0000e+00	1.4932e+00	0.0000e+00	-2.6616e+02	0.0000e+00	-3.2391e+02
2426	51	-2.2737e-13	-2.3443e+00	-7.1054e-15	2.5226e+02	0.0000e+00	-4.0497e+02
	52	2.2737e-13	2.3443e+00	7.1054e-15	-2.5226e+02	9.0949e-13	-4.1553e+02
2427	50	0.0000e+00	-2.3443e+00	0.0000e+00	2.5226e+02	-9.0949e-13	-4.1554e+02
	51	0.0000e+00	2.3443e+00	0.0000e+00	-2.5226e+02	-1.8190e-12	-4.0497e+02
2428	49	0.0000e+00	-1.4932e+00	0.0000e+00	2.6616e+02	1.8190e-12	-3.2391e+02
	50	0.0000e+00	1.4932e+00	0.0000e+00	-2.6616e+02	1.8190e-12	-3.3311e+02
2429	48	4.5475e-13	-3.4529e+00	0.0000e+00	2.3953e+02	0.0000e+00	-4.8470e+02
	49	-4.5475e-13	3.4529e+00	0.0000e+00	-2.3953e+02	0.0000e+00	-4.8210e+02
2430	47	0.0000e+00	-1.5331e+00	0.0000e+00	2.4913e+02	0.0000e+00	-3.4024e+02
	48	0.0000e+00	1.5331e+00	0.0000e+00	-2.4913e+02	0.0000e+00	-3.3432e+02
2431	35	2.2737e-13	-2.2530e+00	-5.6843e-14	3.0494e+02	0.0000e+00	-4.7154e+02
	47	-2.2737e-13	2.2530e+00	5.6843e-14	-3.0494e+02	0.0000e+00	-4.2966e+02
2432	45	0.0000e+00	1.9356e+01	-5.6843e-14	7.0485e+02	0.0000e+00	3.6948e+03
	46	0.0000e+00	-1.9356e+01	5.6843e-14	-7.0485e+02	0.0000e+00	4.0477e+03
2433	44	0.0000e+00	1.2956e+01	0.0000e+00	6.9274e+02	3.6380e-12	2.8190e+03
	45	0.0000e+00	-1.2956e+01	0.0000e+00	-6.9274e+02	7.2760e-12	2.8817e+03
2434	43	0.0000e+00	3.0039e+01	-5.6843e-14	6.8229e+02	1.4552e-11	4.2094e+03
	44	0.0000e+00	-3.0039e+01	5.6843e-14	-6.8229e+02	7.2760e-12	4.2016e+03
2435	42	1.8190e-12	1.3221e+01	0.0000e+00	6.8366e+02	1.8190e-12	2.9383e+03
	43	-1.8190e-12	-1.3221e+01	0.0000e+00	-6.8366e+02	3.6380e-12	2.8789e+03
2436	65	0.0000e+00	-1.7605e+01	-5.6843e-14	6.0570e+02	0.0000e+00	-3.3607e+03
	66	0.0000e+00	1.7605e+01	5.6843e-14	-6.0570e+02	0.0000e+00	-3.6813e+03
2437	64	0.0000e+00	-1.1515e+01	0.0000e+00	5.7212e+02	0.0000e+00	-2.5064e+03
	65	0.0000e+00	1.1515e+01	0.0000e+00	-5.7212e+02	0.0000e+00	-2.5601e+03
2438	63	0.0000e+00	-2.6913e+01	5.6843e-14	5.6513e+02	-7.2760e-12	-3.7728e+03
	64	0.0000e+00	2.6913e+01	-5.6843e-14	-5.6513e+02	-7.2760e-12	-3.7628e+03
2439	62	0.0000e+00	-1.1939e+01	0.0000e+00	5.7696e+02	3.6380e-12	-2.6514e+03
	63	0.0000e+00	1.1939e+01	0.0000e+00	-5.7696e+02	1.8190e-12	-2.6017e+03
2440	61	1.8190e-12	-1.8297e+01	-7.1054e-15	5.7037e+02	1.8190e-12	-3.1694e+03
	62	-1.8190e-12	1.8297e+01	7.1054e-15	-5.7037e+02	2.7285e-12	-3.2344e+03
2441	41	0.0000e+00	2.0391e+01	0.0000e+00	6.8332e+02	0.0000e+00	3.5306e+03
	42	0.0000e+00	-2.0391e+01	0.0000e+00	-6.8332e+02	9.0949e-13	3.6063e+03
2442	40	0.0000e+00	2.0391e+01	0.0000e+00	6.8332e+02	0.0000e+00	3.6063e+03
	41	0.0000e+00	-2.0391e+01	0.0000e+00	-6.8332e+02	0.0000e+00	3.5306e+03
2443	39	0.0000e+00	1.3221e+01	-1.4211e-14	6.8366e+02	0.0000e+00	2.8789e+03
	40	0.0000e+00	-1.3221e+01	1.4211e-14	-6.8366e+02	0.0000e+00	2.9382e+03
2444	38	0.0000e+00	3.0038e+01	0.0000e+00	6.8228e+02	0.0000e+00	4.2014e+03
	39	0.0000e+00	-3.0038e+01	0.0000e+00	-6.8228e+02	7.2760e-12	4.2093e+03
2445	37	0.0000e+00	1.2956e+01	0.0000e+00	6.9273e+02	0.0000e+00	2.8816e+03
	38	0.0000e+00	-1.2956e+01	0.0000e+00	-6.9273e+02	-7.2760e-12	2.8189e+03

2446	34	0.0000e+00	1.9358e+01	0.0000e+00	7.0489e+02	0.0000e+00	4.0480e+03
	37	0.0000e+00	-1.9358e+01	0.0000e+00	-7.0489e+02	0.0000e+00	3.6951e+03
2447	60	0.0000e+00	-1.8297e+01	-7.1054e-15	5.7037e+02	-1.8190e-12	-3.2344e+03
	61	0.0000e+00	1.8297e+01	7.1054e-15	-5.7037e+02	-1.8190e-12	-3.1694e+03
2448	59	-1.8190e-12	-1.1939e+01	-7.1054e-15	5.7696e+02	0.0000e+00	-2.6017e+03
	60	1.8190e-12	1.1939e+01	7.1054e-15	-5.7696e+02	0.0000e+00	-2.6514e+03
2449	58	1.8190e-12	-2.6913e+01	5.6843e-14	5.6514e+02	0.0000e+00	-3.7628e+03
	59	-1.8190e-12	2.6913e+01	-5.6843e-14	-5.6514e+02	0.0000e+00	-3.7729e+03
2450	57	0.0000e+00	-1.1516e+01	-2.8422e-14	5.7215e+02	7.2760e-12	-2.5605e+03
	58	0.0000e+00	1.1516e+01	2.8422e-14	-5.7215e+02	0.0000e+00	-2.5068e+03
2451	36	0.0000e+00	-1.7600e+01	0.0000e+00	6.0554e+02	-7.2760e-12	-3.6803e+03
	57	0.0000e+00	1.7600e+01	0.0000e+00	-6.0554e+02	0.0000e+00	-3.3597e+03
2452	56	0.0000e+00	-1.4916e+02	-3.5527e-15	2.2105e+03	0.0000e+00	-2.7463e+04
	46	0.0000e+00	1.4916e+02	3.5527e-15	-2.2105e+03	-1.3642e-12	-3.7571e+04
2453	66	0.0000e+00	-2.4509e+02	1.4211e-14	2.1471e+03	-1.8190e-12	-4.2613e+04
	56	0.0000e+00	2.4509e+02	-1.4211e-14	-2.1471e+03	-3.6380e-12	-3.1893e+04
2454	55	0.0000e+00	-1.1734e+02	7.1054e-15	1.6604e+03	-1.8190e-12	-2.1520e+04
	45	0.0000e+00	1.1734e+02	-7.1054e-15	-1.6604e+03	-1.3642e-12	-2.9642e+04
2455	65	0.0000e+00	-1.9314e+02	0.0000e+00	1.5901e+03	0.0000e+00	-3.3647e+04
	55	0.0000e+00	1.9314e+02	0.0000e+00	-1.5901e+03	0.0000e+00	-2.5069e+04
2456	54	0.0000e+00	-8.3195e+01	3.5527e-15	1.5552e+03	0.0000e+00	-1.5288e+04
	44	0.0000e+00	8.3195e+01	-3.5527e-15	-1.5552e+03	4.5475e-13	-2.0985e+04
2457	64	0.0000e+00	-1.3599e+02	1.4211e-14	1.4851e+03	-1.8190e-12	-2.3693e+04
	54	0.0000e+00	1.3599e+02	-1.4211e-14	-1.4851e+03	-3.6380e-12	-1.7649e+04
2458	53	-3.6380e-12	-6.1093e+01	3.5527e-15	1.5603e+03	0.0000e+00	-1.1240e+04
	43	3.6380e-12	6.1093e+01	-3.5527e-15	-1.5603e+03	-4.5475e-13	-1.5397e+04
2459	63	0.0000e+00	-9.9503e+01	0.0000e+00	1.5028e+03	-3.6380e-12	-1.7335e+04
	53	0.0000e+00	9.9503e+01	0.0000e+00	-1.5028e+03	0.0000e+00	-1.2914e+04
2460	52	0.0000e+00	-2.7269e+01	7.1054e-15	1.6654e+03	1.8190e-12	-5.0076e+03
	42	0.0000e+00	2.7269e+01	-7.1054e-15	-1.6654e+03	1.3642e-12	-6.8819e+03
2461	62	0.0000e+00	-4.4751e+01	-2.8422e-14	1.5918e+03	-3.6380e-12	-7.7940e+03
	52	0.0000e+00	4.4751e+01	2.8422e-14	-1.5918e+03	-3.6380e-12	-5.8102e+03
2462	51	-3.1829e-18	-2.8091e-04	0.0000e+00	1.5602e+03	0.0000e+00	-5.9070e-02
	41	3.1829e-18	2.8091e-04	0.0000e+00	-1.5602e+03	0.0000e+00	-6.3408e-02
2463	61	3.3857e-18	-1.8026e-05	0.0000e+00	1.4966e+03	-1.8190e-12	-1.2244e-02
	51	-3.3857e-18	1.8026e-05	0.0000e+00	-1.4966e+03	-3.6380e-12	6.7643e-03
2464	50	0.0000e+00	2.7269e+01	-3.5527e-15	1.6654e+03	0.0000e+00	5.0075e+03
	40	0.0000e+00	-2.7269e+01	3.5527e-15	-1.6654e+03	-9.0949e-13	6.8818e+03
2465	60	0.0000e+00	4.4751e+01	2.8422e-14	1.5919e+03	-3.6380e-12	7.7940e+03
	50	0.0000e+00	-4.4751e+01	-2.8422e-14	-1.5919e+03	0.0000e+00	5.8102e+03
2466	49	0.0000e+00	6.1093e+01	3.5527e-15	1.5603e+03	0.0000e+00	1.1240e+04
	39	0.0000e+00	-6.1093e+01	-3.5527e-15	-1.5603e+03	0.0000e+00	1.5397e+04
2467	59	0.0000e+00	9.9503e+01	0.0000e+00	1.5028e+03	-3.6380e-12	1.7335e+04
	49	0.0000e+00	-9.9503e+01	0.0000e+00	-1.5028e+03	0.0000e+00	1.2914e+04
2468	48	7.2760e-12	8.3195e+01	-3.5527e-15	1.5552e+03	0.0000e+00	1.5288e+04
	38	-7.2760e-12	-8.3195e+01	3.5527e-15	-1.5552e+03	4.5475e-13	2.0985e+04
2469	58	-1.4552e-11	1.3599e+02	0.0000e+00	1.4851e+03	0.0000e+00	2.3693e+04
	48	1.4552e-11	-1.3599e+02	0.0000e+00	-1.4851e+03	0.0000e+00	1.7648e+04
2470	47	7.2760e-12	1.1735e+02	0.0000e+00	1.6604e+03	-1.8190e-12	2.1521e+04
	37	-7.2760e-12	-1.1735e+02	0.0000e+00	-1.6604e+03	-9.0949e-13	2.9642e+04
2471	57	0.0000e+00	1.9314e+02	-2.8422e-14	1.5902e+03	0.0000e+00	3.3646e+04
	47	0.0000e+00	-1.9314e+02	2.8422e-14	-1.5902e+03	0.0000e+00	2.5068e+04
2472	35	0.0000e+00	1.4916e+02	-3.5527e-15	2.2104e+03	0.0000e+00	2.7461e+04
	34	0.0000e+00	-1.4916e+02	3.5527e-15	-2.2104e+03	-9.0949e-13	3.7571e+04
2473	36	0.0000e+00	2.4510e+02	0.0000e+00	2.1472e+03	-1.8190e-12	4.2615e+04

	35	0.0000e+00	-2.4510e+02	0.0000e+00	-2.1472e+03	0.0000e+00	3.1895e+04
2474	33	-2.2993e+02	2.3301e+02	-3.8091e+01	-2.4638e+03	1.0244e+04	5.5345e+04
	66	2.2993e+02	-2.3301e+02	3.8091e+01	2.4638e+03	5.8685e+03	4.3219e+04
2475	22	9.8181e+01	2.9536e+02	-3.6454e+00	-2.4638e+03	1.0068e+03	6.5275e+04
	56	-9.8181e+01	-2.9536e+02	3.6454e+00	2.4638e+03	5.3519e+02	5.9661e+04
2476	21	7.5078e+01	2.2748e+02	-4.8679e+00	-2.4638e+03	1.2188e+03	4.9692e+04
	55	-7.5078e+01	-2.2748e+02	4.8679e+00	2.4638e+03	8.4034e+02	4.6534e+04
2477	32	-1.9222e+02	1.7928e+02	-4.2789e+01	-2.4638e+03	1.0549e+04	4.2221e+04
	65	1.9222e+02	-1.7928e+02	4.2789e+01	2.4638e+03	7.5503e+03	3.3613e+04
2478	20	5.4719e+01	1.6102e+02	-5.0689e+00	-2.4638e+03	1.2550e+03	3.5184e+04
	54	-5.4719e+01	-1.6102e+02	5.0689e+00	2.4638e+03	8.8917e+02	3.2927e+04
2479	19	3.6450e+01	1.1834e+02	-4.8445e+00	-2.4638e+03	1.1857e+03	2.5879e+04
	53	-3.6450e+01	-1.1834e+02	4.8445e+00	2.4638e+03	8.6355e+02	2.4181e+04
2480	8	7.8988e+01	8.6246e+01	4.8662e+01	-2.4638e+03	-1.1879e+04	2.1084e+04
	43	-7.8988e+01	-8.6246e+01	-4.8662e+01	2.4638e+03	-8.7047e+03	1.5398e+04
2481	9	6.8494e+01	1.1763e+02	4.8018e+01	-2.4638e+03	-1.1680e+04	2.8783e+04
	44	-6.8494e+01	-1.1763e+02	-4.8018e+01	2.4638e+03	-8.6319e+03	2.0974e+04
2482	10	1.3192e+02	1.6660e+02	4.7176e+01	-2.4638e+03	-1.1662e+04	4.0844e+04
	45	-1.3192e+02	-1.6660e+02	-4.7176e+01	2.4638e+03	-8.2936e+03	2.9630e+04
2483	11	1.1153e+02	2.1712e+02	4.1094e+01	-2.4638e+03	-1.1068e+04	5.3564e+04
	46	-1.1153e+02	-2.1712e+02	-4.1094e+01	2.4638e+03	-6.3151e+03	3.8276e+04
2484	31	-1.1861e+02	1.2608e+02	-4.3180e+01	-2.4638e+03	1.0472e+04	2.9647e+04
	64	1.1861e+02	-1.2608e+02	4.3180e+01	2.4638e+03	7.7934e+03	2.3686e+04
2485	30	-1.1274e+02	9.2247e+01	-4.4218e+01	-2.4638e+03	1.0788e+04	2.1674e+04
	63	1.1274e+02	-9.2247e+01	4.4218e+01	2.4638e+03	7.9164e+03	1.7347e+04
2486	18	1.8332e+01	5.2832e+01	-4.7799e+00	-2.4638e+03	1.1997e+03	1.1544e+04
	52	-1.8332e+01	-5.2832e+01	4.7799e+00	2.4638e+03	8.2218e+02	1.0804e+04
2487	6	-9.7540e-03	3.6424e-04	4.8444e+01	-2.4638e+03	-1.1815e+04	9.0762e-02
	41	9.7540e-03	-3.6424e-04	-4.8444e+01	2.4638e+03	-8.6773e+03	6.3312e-02
2488	29	-3.7841e+01	4.1481e+01	-4.2611e+01	-2.4638e+03	1.0508e+04	9.7592e+03
	62	3.7841e+01	-4.1481e+01	4.2611e+01	2.4638e+03	7.5167e+03	7.7875e+03
2489	17	-2.5404e-04	2.4878e-04	-4.9359e+00	-2.4638e+03	1.2143e+03	5.3633e-02
	51	2.5404e-04	-2.4878e-04	4.9359e+00	2.4638e+03	8.7355e+02	5.1602e-02
2490	7	2.0589e+01	3.8630e+01	4.7017e+01	-2.4638e+03	-1.1622e+04	9.4588e+03
	42	-2.0589e+01	-3.8630e+01	-4.7017e+01	2.4638e+03	-8.2658e+03	6.8816e+03
2491	5	-2.0605e+01	-3.8629e+01	4.7017e+01	-2.4638e+03	-1.1622e+04	-9.4586e+03
	40	2.0605e+01	3.8629e+01	-4.7017e+01	2.4638e+03	-8.2658e+03	-6.8815e+03
2492	28	-4.9409e-03	6.5724e-05	-4.3866e+01	-2.4638e+03	1.0681e+04	1.5515e-02
	61	4.9409e-03	-6.5724e-05	4.3866e+01	2.4638e+03	7.8742e+03	1.2286e-02
2493	16	-1.8333e+01	-5.2831e+01	-4.7799e+00	-2.4638e+03	1.1997e+03	-1.1544e+04
	50	1.8333e+01	5.2831e+01	4.7799e+00	2.4638e+03	8.2218e+02	-1.0804e+04
2494	27	3.7829e+01	-4.1481e+01	-4.2611e+01	-2.4638e+03	1.0508e+04	-9.7592e+03
	60	-3.7829e+01	4.1481e+01	4.2611e+01	2.4638e+03	7.5166e+03	-7.7874e+03
2495	4	-7.8986e+01	-8.6245e+01	4.8662e+01	-2.4638e+03	-1.1879e+04	-2.1084e+04
	39	7.8986e+01	8.6245e+01	-4.8662e+01	2.4638e+03	-8.7046e+03	-1.5398e+04
2496	15	-3.6450e+01	-1.1834e+02	-4.8444e+00	-2.4638e+03	1.1856e+03	-2.5879e+04
	49	3.6450e+01	1.1834e+02	4.8444e+00	2.4638e+03	8.6354e+02	-2.4181e+04
2497	26	1.1272e+02	-9.2247e+01	-4.4218e+01	-2.4638e+03	1.0788e+04	-2.1674e+04
	59	-1.1272e+02	9.2247e+01	4.4218e+01	2.4638e+03	7.9164e+03	-1.7347e+04
2498	3	-6.8418e+01	-1.1763e+02	4.8018e+01	-2.4638e+03	-1.1680e+04	-2.8783e+04
	38	6.8418e+01	1.1763e+02	-4.8018e+01	2.4638e+03	-8.6319e+03	-2.0974e+04
2499	14	-5.4717e+01	-1.6102e+02	-5.0691e+00	-2.4638e+03	1.2550e+03	-3.5184e+04
	48	5.4717e+01	1.6102e+02	5.0691e+00	2.4638e+03	8.8921e+02	-3.2927e+04
2500	25	1.1859e+02	-1.2608e+02	-4.3181e+01	-2.4638e+03	1.0472e+04	-2.9646e+04
	58	-1.1859e+02	1.2608e+02	4.3181e+01	2.4638e+03	7.7936e+03	-2.3686e+04

2501	2	-1.3177e+02	-1.6661e+02	4.7178e+01	-2.4638e+03	-1.1662e+04	-4.0844e+04
	37	1.3177e+02	1.6661e+02	-4.7178e+01	2.4638e+03	-8.2940e+03	-2.9630e+04
2502	13	-7.5072e+01	-2.2748e+02	-4.8674e+00	-2.4638e+03	1.2187e+03	-4.9692e+04
	47	7.5072e+01	2.2748e+02	4.8674e+00	2.4638e+03	8.4015e+02	-4.6533e+04
2503	24	1.9254e+02	-1.7927e+02	-4.2786e+01	-2.4638e+03	1.0549e+04	-4.2220e+04
	57	-1.9254e+02	1.7927e+02	4.2786e+01	2.4638e+03	7.5496e+03	-3.3612e+04
2504	1	-1.1178e+02	-2.1711e+02	4.1101e+01	-2.4638e+03	-1.1069e+04	-5.3563e+04
	34	1.1178e+02	2.1711e+02	-4.1101e+01	2.4638e+03	-6.3164e+03	-3.8275e+04
2505	12	-9.8197e+01	-2.9536e+02	-3.6421e+00	-2.4638e+03	1.0058e+03	-6.5276e+04
	35	9.8197e+01	2.9536e+02	3.6421e+00	2.4638e+03	5.3476e+02	-5.9662e+04
2506	23	2.2931e+02	-2.3302e+02	-3.8082e+01	-2.4638e+03	1.0242e+04	-5.5347e+04
	36	-2.2931e+02	2.3302e+02	3.8082e+01	2.4638e+03	5.8672e+03	-4.3221e+04
654	1906	0.0000e+00	9.7018e+00	0.0000e+00	-1.6714e+03	0.0000e+00	-7.1152e+02
	1905	0.0000e+00	5.3159e+01	0.0000e+00	2.9651e+03	0.0000e+00	-1.6889e+02
655	1907	0.0000e+00	3.4012e-01	0.0000e+00	-9.0933e+02	0.0000e+00	1.2306e+02
	1906	0.0000e+00	-6.2478e+00	0.0000e+00	1.6714e+03	0.0000e+00	7.1152e+02
656	1908	0.0000e+00	4.7959e-01	0.0000e+00	-6.3754e+02	0.0000e+00	4.2654e+01
	1907	0.0000e+00	1.0088e+00	0.0000e+00	9.0933e+02	0.0000e+00	-1.2306e+02
657	1909	0.0000e+00	2.5292e-01	0.0000e+00	-4.1574e+02	0.0000e+00	9.0662e+00
	1908	0.0000e+00	7.1998e-01	0.0000e+00	6.3754e+02	0.0000e+00	-4.2654e+01
658	1910	0.0000e+00	4.1820e-02	0.0000e+00	-3.6695e+02	0.0000e+00	4.1769e+00
	1909	0.0000e+00	1.2538e-01	0.0000e+00	4.1574e+02	0.0000e+00	-9.0662e+00
659	1911	0.0000e+00	-1.3071e-01	0.0000e+00	-4.1504e+02	0.0000e+00	-9.3809e+00
	1910	0.0000e+00	-4.7937e-02	0.0000e+00	3.6672e+02	0.0000e+00	4.5589e+00
660	1912	0.0000e+00	-7.3107e-01	0.0000e+00	-6.3596e+02	0.0000e+00	-4.3175e+01
	1911	0.0000e+00	-2.5942e-01	0.0000e+00	4.1504e+02	0.0000e+00	9.3809e+00
661	1913	0.0000e+00	-1.0287e+00	0.0000e+00	-9.0688e+02	0.0000e+00	-1.2515e+02
	1912	0.0000e+00	-4.8742e-01	0.0000e+00	6.3596e+02	0.0000e+00	4.3175e+01
662	1914	0.0000e+00	6.3238e+00	0.0000e+00	-1.6666e+03	0.0000e+00	7.1937e+02
	1913	0.0000e+00	-3.5066e-01	0.0000e+00	9.0688e+02	0.0000e+00	1.2515e+02
663	1915	0.0000e+00	-5.3391e+01	0.0000e+00	-2.9566e+03	0.0000e+00	-1.7155e+02
	1914	0.0000e+00	-9.6922e+00	0.0000e+00	1.6666e+03	0.0000e+00	-7.1937e+02
664	1895	0.0000e+00	-6.1582e+00	0.0000e+00	1.7661e+03	0.0000e+00	3.9681e+02
	1894	0.0000e+00	-3.0160e+01	0.0000e+00	-7.3732e+02	0.0000e+00	6.3823e+01
665	1896	0.0000e+00	-2.5349e+00	0.0000e+00	3.6055e+02	0.0000e+00	-1.9916e+02
	1895	0.0000e+00	2.4027e+00	0.0000e+00	9.6644e+02	0.0000e+00	-3.4456e+02
666	1897	0.0000e+00	-2.6352e+00	0.0000e+00	-3.9844e+02	0.0000e+00	-1.8983e+02
	1896	0.0000e+00	-3.2594e+00	0.0000e+00	1.1377e+03	0.0000e+00	2.8553e+02
667	1898	0.0000e+00	-1.0758e+00	0.0000e+00	-8.2676e+02	0.0000e+00	-2.8899e+01
	1897	0.0000e+00	-3.1891e+00	0.0000e+00	1.5520e+03	0.0000e+00	2.2039e+02
668	1899	0.0000e+00	3.5530e-02	0.0000e+00	-1.0372e+03	0.0000e+00	2.3365e+01
	1898	0.0000e+00	-8.2755e-01	0.0000e+00	1.2141e+03	0.0000e+00	7.5001e+01
669	1900	0.0000e+00	8.1637e-01	0.0000e+00	-1.2135e+03	0.0000e+00	7.4233e+01
	1899	0.0000e+00	-4.6297e-02	0.0000e+00	1.0362e+03	0.0000e+00	2.3988e+01
670	1901	0.0000e+00	3.1915e+00	0.0000e+00	-1.5498e+03	0.0000e+00	2.1957e+02
	1900	0.0000e+00	1.0693e+00	0.0000e+00	8.2468e+02	0.0000e+00	-2.8364e+01
671	1902	0.0000e+00	3.3118e+00	0.0000e+00	-1.1368e+03	0.0000e+00	2.9135e+02
	1901	0.0000e+00	2.6357e+00	0.0000e+00	3.9799e+02	0.0000e+00	-1.8952e+02
672	1903	0.0000e+00	-2.6002e+00	0.0000e+00	-9.8306e+02	0.0000e+00	-3.6449e+02
	1902	0.0000e+00	2.5673e+00	0.0000e+00	-3.4675e+02	0.0000e+00	-2.0583e+02
673	1904	0.0000e+00	3.0351e+01	0.0000e+00	7.7508e+02	0.0000e+00	6.8062e+01
	1903	0.0000e+00	6.0223e+00	0.0000e+00	-1.8023e+03	0.0000e+00	4.1539e+02

SFORZI "Torcente di piano SLO" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
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1	2022	5.2278e+00	4.9505e-20	-1.1622e-19	2.0492e-04	0.0000e+00	0.0000e+00
	1923	-5.2278e+00	-4.9505e-20	1.1622e-19	-2.0492e-04	0.0000e+00	0.0000e+00
2	1916	-2.6605e+00	0.0000e+00	0.0000e+00	2.3719e-03	0.0000e+00	0.0000e+00
	1921	2.6605e+00	0.0000e+00	0.0000e+00	-2.3719e-03	0.0000e+00	0.0000e+00
3	2085	-1.7759e+01	-1.0454e-19	5.7289e-21	4.9282e-03	0.0000e+00	0.0000e+00
	1918	1.7759e+01	1.0454e-19	-5.7289e-21	-4.9282e-03	0.0000e+00	0.0000e+00
4	2008	-2.0534e+01	1.7594e-19	-1.9190e-19	-1.1262e-03	0.0000e+00	0.0000e+00
	2079	2.0534e+01	-1.7594e-19	1.9190e-19	1.1262e-03	0.0000e+00	0.0000e+00
5	1919	-1.1717e+01	1.4270e-20	-7.3925e-20	-3.0866e-03	0.0000e+00	0.0000e+00
	2056	1.1717e+01	-1.4270e-20	7.3925e-20	3.0866e-03	0.0000e+00	0.0000e+00
6	2098	1.5186e+00	-8.0104e-20	-1.6326e-19	-1.9527e-03	0.0000e+00	0.0000e+00
	1937	-1.5186e+00	8.0104e-20	1.6326e-19	1.9527e-03	0.0000e+00	0.0000e+00
7	2042	1.0037e+01	-1.7238e-19	9.2173e-20	1.1633e-03	0.0000e+00	0.0000e+00
	2107	-1.0037e+01	1.7238e-19	-9.2173e-20	-1.1633e-03	0.0000e+00	0.0000e+00
8	1925	-1.7457e+01	1.3531e-19	-4.0905e-20	-1.3577e-03	0.0000e+00	0.0000e+00
	2008	1.7457e+01	-1.3531e-19	4.0905e-20	1.3577e-03	0.0000e+00	0.0000e+00
9	2109	-6.9572e+00	-5.6204e-20	1.7102e-19	-4.3530e-03	0.0000e+00	0.0000e+00
	2123	6.9572e+00	5.6204e-20	-1.7102e-19	4.3530e-03	0.0000e+00	0.0000e+00
10	2084	-5.2705e+00	1.3661e-19	-4.3560e-20	-2.0300e-03	0.0000e+00	0.0000e+00
	2106	5.2705e+00	-1.3661e-19	4.3560e-20	2.0300e-03	0.0000e+00	0.0000e+00
11	2083	-2.9371e+00	1.2049e-20	1.8840e-20	-3.4485e-03	0.0000e+00	0.0000e+00
	2078	2.9371e+00	-1.2049e-20	-1.8840e-20	3.4485e-03	0.0000e+00	0.0000e+00
12	2058	-2.9517e+00	-1.9250e-21	1.9224e-20	-3.3537e-03	0.0000e+00	0.0000e+00
	2077	2.9517e+00	1.9250e-21	-1.9224e-20	3.3537e-03	0.0000e+00	0.0000e+00
13	2041	-5.3130e+00	1.2707e-19	-4.2809e-20	-1.7432e-03	0.0000e+00	0.0000e+00
	2055	5.3130e+00	-1.2707e-19	4.2809e-20	1.7432e-03	0.0000e+00	0.0000e+00
14	2024	-6.9666e+00	-1.7653e-20	1.8177e-19	-3.7884e-03	0.0000e+00	0.0000e+00
	2038	6.9666e+00	1.7653e-20	-1.8177e-19	3.7884e-03	0.0000e+00	0.0000e+00
15	2007	-1.7239e+01	1.1374e-19	-4.2869e-20	-1.7209e-03	0.0000e+00	0.0000e+00
	2021	1.7239e+01	-1.1374e-19	4.2869e-20	1.7209e-03	0.0000e+00	0.0000e+00
16	1982	5.1067e+00	1.0632e-19	-1.5636e-19	1.2215e-03	0.0000e+00	0.0000e+00
	2012	-5.1067e+00	-1.0632e-19	1.5636e-19	-1.2215e-03	0.0000e+00	0.0000e+00
17	1985	-3.0226e+00	0.0000e+00	0.0000e+00	-3.4117e-04	0.0000e+00	0.0000e+00
	2010	3.0226e+00	0.0000e+00	0.0000e+00	3.4117e-04	0.0000e+00	0.0000e+00
18	1998	-2.0390e+01	-7.0154e-20	-4.9594e-22	3.9614e-03	0.0000e+00	0.0000e+00
	2007	2.0390e+01	7.0154e-20	4.9594e-22	-3.9614e-03	0.0000e+00	0.0000e+00
19	1995	9.8933e+00	-1.0282e-19	9.0588e-20	2.6237e-03	0.0000e+00	0.0000e+00
	2004	-9.8933e+00	1.0282e-19	-9.0588e-20	-2.6237e-03	0.0000e+00	0.0000e+00
20	1992	-1.8024e+01	-3.5277e-20	6.4982e-20	1.6732e-03	0.0000e+00	0.0000e+00
	2001	1.8024e+01	3.5277e-20	-6.4982e-20	-1.6732e-03	0.0000e+00	0.0000e+00
21	1989	-1.1521e+01	3.2526e-20	-6.4056e-20	9.3359e-04	0.0000e+00	0.0000e+00
	2000	1.1521e+01	-3.2526e-20	6.4056e-20	-9.3359e-04	0.0000e+00	0.0000e+00
22	1988	1.3830e+00	3.4343e-20	-5.3075e-20	-9.5986e-04	0.0000e+00	0.0000e+00
	1928	-1.3830e+00	-3.4343e-20	5.3075e-20	9.5986e-04	0.0000e+00	0.0000e+00
643	1905	1.1644e-01	-6.7442e-16	2.8576e-15	-7.0747e+00	0.0000e+00	0.0000e+00
	1960	-1.1644e-01	6.7442e-16	-2.8576e-15	7.0747e+00	0.0000e+00	0.0000e+00
644	1906	-2.8145e+00	5.7445e-16	2.8546e-15	-5.6719e+00	0.0000e+00	0.0000e+00
	1961	2.8145e+00	-5.7445e-16	-2.8546e-15	5.6719e+00	0.0000e+00	0.0000e+00
645	1907	-1.0991e+00	1.8386e-16	2.8533e-15	-5.1609e+00	0.0000e+00	0.0000e+00
	1962	1.0991e+00	-1.8386e-16	-2.8533e-15	5.1609e+00	0.0000e+00	0.0000e+00
646	1908	-9.7746e-01	1.3306e-16	2.8531e-15	-4.9575e+00	0.0000e+00	0.0000e+00
	1963	9.7746e-01	-1.3306e-16	-2.8531e-15	4.9575e+00	0.0000e+00	0.0000e+00
647	1909	-3.0826e-01	5.0584e-17	2.8534e-15	-4.8016e+00	0.0000e+00	0.0000e+00
	1964	3.0826e-01	-5.0584e-17	-2.8534e-15	4.8016e+00	0.0000e+00	0.0000e+00
648	1910	3.9529e-03	-3.3286e-18	2.8535e-15	-4.7768e+00	0.0000e+00	0.0000e+00

	1965	-3.9529e-03	3.3286e-18	-2.8535e-15	4.7768e+00	0.0000e+00	0.0000e+00
649	1911	3.1790e-01	-5.8528e-17	2.8536e-15	-4.8558e+00	0.0000e+00	0.0000e+00
	1966	-3.1790e-01	5.8528e-17	-2.8536e-15	4.8558e+00	0.0000e+00	0.0000e+00
650	1912	9.9288e-01	-1.4522e-16	2.8537e-15	-5.0957e+00	0.0000e+00	0.0000e+00
	1967	-9.9288e-01	1.4522e-16	-2.8537e-15	5.0957e+00	0.0000e+00	0.0000e+00
651	1913	1.1240e+00	-2.0272e-16	2.8543e-15	-5.3772e+00	0.0000e+00	0.0000e+00
	1968	-1.1240e+00	2.0272e-16	-2.8543e-15	5.3772e+00	0.0000e+00	0.0000e+00
652	1914	2.7447e+00	-5.7522e-16	2.8567e-15	-6.0556e+00	0.0000e+00	0.0000e+00
	1969	-2.7447e+00	5.7522e-16	-2.8567e-15	6.0556e+00	0.0000e+00	0.0000e+00
653	1915	1.6747e-01	6.3669e-16	2.8548e-15	-5.1524e+00	0.0000e+00	0.0000e+00
	1970	-1.6747e-01	-6.3669e-16	-2.8548e-15	5.1524e+00	0.0000e+00	0.0000e+00
237	2116	3.9585e+00	-1.6248e+00	2.0383e+00	1.0106e+01	-1.3664e+02	4.3090e+01
	2079	-3.9585e+00	1.6248e+00	-2.0383e+00	-1.0106e+01	-6.7366e+01	-2.0571e+02
238	1959	3.8533e+00	-1.8605e+00	7.3111e-01	1.8483e+00	-1.4684e+02	1.8495e+01
	2116	-3.8533e+00	1.8605e+00	-7.3111e-01	-1.8483e+00	1.3700e+02	-4.3543e+01
239	2110	1.5700e+00	2.9227e+00	1.4121e+00	8.2054e+00	-1.0983e+02	4.8176e+02
	1919	-1.5700e+00	-2.9227e+00	-1.4121e+00	-8.2054e+00	-3.1501e+01	-1.8924e+02
240	1958	1.7434e+00	2.8228e+00	1.1577e+00	1.5681e+00	-1.2571e+02	5.1916e+02
	2110	-1.7434e+00	-2.8228e+00	-1.1577e+00	-1.5681e+00	1.1012e+02	-4.8116e+02
241	2121	1.6281e-01	4.9102e-01	1.2324e+00	7.4578e+00	-9.8661e+01	1.9907e+02
	2120	-1.6281e-01	-4.9102e-01	-1.2324e+00	-7.4578e+00	-2.4688e+01	-1.4992e+02
242	1957	1.9213e-01	4.8031e-01	1.3861e+00	1.4951e+00	-1.1759e+02	2.0570e+02
	2121	-1.9213e-01	-4.8031e-01	-1.3861e+00	-1.4951e+00	9.8931e+01	-1.9924e+02
243	2104	1.3887e-01	4.1882e-01	1.1577e+00	7.1689e+00	-9.4206e+01	1.7683e+02
	2103	-1.3887e-01	-4.1882e-01	-1.1577e+00	-7.1689e+00	-2.1661e+01	-1.3491e+02
244	1956	1.6387e-01	4.0969e-01	1.4785e+00	1.4753e+00	-1.1437e+02	1.8240e+02
	2104	-1.6387e-01	-4.0969e-01	-1.4785e+00	-1.4753e+00	9.4467e+01	-1.7689e+02
245	2074	4.4690e-02	1.3478e-01	1.0943e+00	6.9345e+00	-9.0584e+01	5.6106e+01
	2072	-4.4690e-02	-1.3478e-01	-1.0943e+00	-6.9345e+00	-1.8936e+01	-4.2617e+01
246	1955	5.2736e-02	1.3184e-01	1.5556e+00	1.4598e+00	-1.1178e+02	5.7852e+01
	2074	-5.2736e-02	-1.3184e-01	-1.5556e+00	-1.4598e+00	9.0837e+01	-5.6078e+01
247	2073	-3.0978e-05	-9.3426e-05	1.0867e+00	6.8935e+00	-9.0045e+01	-7.3763e-01
	2071	3.0978e-05	9.3426e-05	-1.0867e+00	-6.8935e+00	-1.8722e+01	7.2828e-01
248	1954	-3.6555e-05	-9.1388e-05	1.5591e+00	1.4514e+00	-1.1129e+02	-7.3919e-01
	2073	3.6555e-05	9.1388e-05	-1.5591e+00	-1.4514e+00	9.0297e+01	7.3796e-01
249	2053	-4.4685e-02	-1.3476e-01	1.1212e+00	6.9913e+00	-9.1664e+01	-5.7909e+01
	2052	4.4685e-02	1.3476e-01	-1.1212e+00	-6.9913e+00	-2.0549e+01	4.4421e+01
250	1953	-5.2730e-02	-1.3183e-01	1.5294e+00	1.4513e+00	-1.1251e+02	-5.9655e+01
	2053	5.2730e-02	1.3183e-01	-1.5294e+00	-1.4513e+00	9.1919e+01	5.7881e+01
251	2036	-1.3854e-01	-4.1781e-01	1.2196e+00	7.3089e+00	-9.6863e+01	-1.7972e+02
	2035	1.3854e-01	4.1781e-01	-1.2196e+00	-7.3089e+00	-2.5201e+01	1.3791e+02
252	1952	-1.6348e-01	-4.0870e-01	1.4145e+00	1.4548e+00	-1.1617e+02	-1.8528e+02
	2036	1.6348e-01	4.0870e-01	-1.4145e+00	-1.4548e+00	9.7128e+01	1.7978e+02
253	2019	-1.6143e-01	-4.8686e-01	1.3263e+00	7.6810e+00	-1.0276e+02	-2.0383e+02
	2018	1.6143e-01	4.8686e-01	-1.3263e+00	-7.6810e+00	-2.9981e+01	1.5510e+02
254	1951	-1.9049e-01	-4.7624e-01	1.2894e+00	1.4705e+00	-1.2040e+02	-2.1037e+02
	2019	1.9049e-01	4.7624e-01	-1.2894e+00	-1.4705e+00	1.0304e+02	2.0396e+02
255	2002	3.6732e+00	-2.3892e+00	1.5440e+00	8.5791e+00	-1.1670e+02	-4.3925e+02
	2001	-3.6732e+00	2.3892e+00	-1.5440e+00	-8.5791e+00	-3.7833e+01	2.0013e+02
256	1950	3.5224e+00	-2.6063e+00	9.9586e-01	1.5266e+00	-1.3041e+02	-4.7383e+02
	2002	-3.5224e+00	2.6063e+00	-9.9586e-01	-1.5266e+00	1.1700e+02	4.3874e+02
257	1990	1.1160e+00	1.7155e+00	1.1140e+00	7.5526e+00	-1.0168e+02	-5.9320e+01
	1989	-1.1160e+00	-1.7155e+00	-1.1140e+00	-7.5526e+00	-9.8165e+00	2.3102e+02
258	1939	1.2175e+00	1.6451e+00	1.2492e+00	1.4074e+00	-1.1877e+02	-3.7565e+01
	1990	-1.2175e+00	-1.6451e+00	-1.2492e+00	-1.4074e+00	1.0195e+02	5.9712e+01

259	36	1.4751e+00	-1.8613e-14	3.2354e+00	3.2304e-02	-3.2354e+01	0.0000e+00
	1939	-1.4751e+00	1.8613e-14	-3.2354e+00	-3.2304e-02	0.0000e+00	0.0000e+00
260	2110	1.3072e+00	-1.9679e-17	2.3177e-17	-4.5275e-01	0.0000e+00	0.0000e+00
	2116	-1.3072e+00	1.9679e-17	-2.3177e-17	4.5275e-01	0.0000e+00	0.0000e+00
261	2121	1.5615e+00	1.0478e-18	-1.1252e-17	1.5275e-01	0.0000e+00	0.0000e+00
	2110	-1.5615e+00	-1.0478e-18	1.1252e-17	-1.5275e-01	0.0000e+00	0.0000e+00
262	2104	1.4078e+00	0.0000e+00	0.0000e+00	-1.5457e-02	0.0000e+00	0.0000e+00
	2121	-1.4078e+00	0.0000e+00	0.0000e+00	1.5457e-02	0.0000e+00	0.0000e+00
263	2074	1.0870e+00	-2.5488e-18	1.2168e-18	-7.3265e-02	0.0000e+00	0.0000e+00
	2104	-1.0870e+00	2.5488e-18	-1.2168e-18	7.3265e-02	0.0000e+00	0.0000e+00
264	2073	6.2562e-01	2.4103e-18	4.5858e-17	-4.4326e-02	0.0000e+00	0.0000e+00
	2074	-6.2562e-01	-2.4103e-18	-4.5858e-17	4.4326e-02	0.0000e+00	0.0000e+00
265	2053	1.5328e-01	4.8196e-18	2.7128e-18	-4.3994e-02	0.0000e+00	0.0000e+00
	2073	-1.5328e-01	-4.8196e-18	-2.7128e-18	4.3994e-02	0.0000e+00	0.0000e+00
266	2036	-2.5496e-01	-8.7497e-18	-2.4858e-18	-7.2351e-02	0.0000e+00	0.0000e+00
	2053	2.5496e-01	8.7497e-18	2.4858e-18	7.2351e-02	0.0000e+00	0.0000e+00
267	2019	-4.4984e-01	-8.0946e-19	-5.6941e-18	-1.3201e-02	0.0000e+00	0.0000e+00
	2036	4.4984e-01	8.0946e-19	5.6941e-18	1.3201e-02	0.0000e+00	0.0000e+00
268	2002	-4.1295e-01	-2.1879e-18	0.0000e+00	1.2044e-01	0.0000e+00	0.0000e+00
	2019	4.1295e-01	2.1879e-18	0.0000e+00	-1.2044e-01	0.0000e+00	0.0000e+00
269	1990	1.3518e-01	3.8440e-18	3.7585e-17	-3.9170e-01	0.0000e+00	0.0000e+00
	2002	-1.3518e-01	-3.8440e-18	-3.7585e-17	3.9170e-01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-1.0113e+01	0.0000e+00	2.4960e+00	0.0000e+00	-2.1972e+03
	1894	0.0000e+00	1.0113e+01	0.0000e+00	-2.4960e+00	0.0000e+00	-1.3323e+03
271	11	0.0000e+00	-1.2742e+01	0.0000e+00	-1.1887e+02	0.0000e+00	-1.0817e+03
	77	0.0000e+00	1.2742e+01	0.0000e+00	1.1887e+02	0.0000e+00	5.0835e+02
272	67	0.0000e+00	1.0125e+01	0.0000e+00	2.0843e+00	0.0000e+00	2.1983e+03
	1904	0.0000e+00	-1.0125e+01	0.0000e+00	-2.0843e+00	0.0000e+00	1.3352e+03
273	1	0.0000e+00	1.2744e+01	0.0000e+00	-1.1897e+02	0.0000e+00	1.0821e+03
	67	0.0000e+00	-1.2744e+01	0.0000e+00	1.1897e+02	0.0000e+00	-5.0864e+02
274	72	0.0000e+00	-2.0366e-04	0.0000e+00	6.1630e+00	0.0000e+00	3.6739e-03
	1899	0.0000e+00	2.0366e-04	0.0000e+00	-6.1630e+00	0.0000e+00	-7.4751e-02
275	6	0.0000e+00	3.1291e-05	0.0000e+00	-1.2722e+02	0.0000e+00	1.6357e-03
	72	0.0000e+00	-3.1291e-05	0.0000e+00	1.2722e+02	0.0000e+00	-2.2756e-04
276	76	0.0000e+00	-1.0061e+01	0.0000e+00	6.8327e+00	0.0000e+00	-2.3147e+03
	1895	0.0000e+00	1.0061e+01	0.0000e+00	-6.8327e+00	0.0000e+00	-1.1966e+03
277	10	0.0000e+00	-3.1157e+01	0.0000e+00	-8.7236e+01	0.0000e+00	-1.9551e+03
	76	0.0000e+00	3.1157e+01	0.0000e+00	8.7236e+01	0.0000e+00	5.5302e+02
278	75	0.0000e+00	-7.2914e+00	0.0000e+00	-2.3495e+01	0.0000e+00	-1.7231e+03
	1896	0.0000e+00	7.2914e+00	0.0000e+00	2.3495e+01	0.0000e+00	-8.2156e+02
279	9	0.0000e+00	-2.0958e+01	0.0000e+00	-4.6863e+01	0.0000e+00	-1.3517e+03
	75	0.0000e+00	2.0958e+01	0.0000e+00	4.6863e+01	0.0000e+00	4.0856e+02
280	74	0.0000e+00	-6.1288e+00	0.0000e+00	2.1340e+01	0.0000e+00	-1.4302e+03
	1897	0.0000e+00	6.1288e+00	0.0000e+00	-2.1340e+01	0.0000e+00	-7.0880e+02
281	8	0.0000e+00	-1.5276e+01	0.0000e+00	-1.7586e+02	0.0000e+00	-1.0256e+03
	74	0.0000e+00	1.5276e+01	0.0000e+00	1.7586e+02	0.0000e+00	3.3820e+02
282	73	0.0000e+00	-2.1173e+00	0.0000e+00	7.5112e+00	0.0000e+00	-5.1410e+02
	1898	0.0000e+00	2.1173e+00	0.0000e+00	-7.5112e+00	0.0000e+00	-2.2482e+02
283	7	0.0000e+00	-6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	-4.3633e+02
	73	0.0000e+00	6.8901e+00	0.0000e+00	1.1809e+02	0.0000e+00	1.2628e+02
284	71	0.0000e+00	2.1172e+00	0.0000e+00	7.5028e+00	0.0000e+00	5.1413e+02
	1900	0.0000e+00	-2.1172e+00	0.0000e+00	-7.5028e+00	0.0000e+00	2.2476e+02
285	5	0.0000e+00	6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	4.3634e+02
	71	0.0000e+00	-6.8901e+00	0.0000e+00	1.1809e+02	0.0000e+00	-1.2629e+02
286	70	0.0000e+00	6.1289e+00	0.0000e+00	2.1281e+01	0.0000e+00	1.4301e+03

	1901	0.0000e+00	-6.1289e+00	0.0000e+00	-2.1281e+01	0.0000e+00	7.0890e+02
287	4	0.0000e+00	1.5276e+01	0.0000e+00	-1.7585e+02	0.0000e+00	1.0256e+03
	70	0.0000e+00	-1.5276e+01	0.0000e+00	1.7585e+02	0.0000e+00	-3.3819e+02
288	69	0.0000e+00	7.2903e+00	0.0000e+00	-2.3477e+01	0.0000e+00	1.7228e+03
	1902	0.0000e+00	-7.2903e+00	0.0000e+00	2.3477e+01	0.0000e+00	8.2148e+02
289	3	0.0000e+00	2.0958e+01	0.0000e+00	-4.6842e+01	0.0000e+00	1.3516e+03
	69	0.0000e+00	-2.0958e+01	0.0000e+00	4.6842e+01	0.0000e+00	-4.0849e+02
290	68	0.0000e+00	1.0054e+01	0.0000e+00	6.8486e+00	0.0000e+00	2.3141e+03
	1903	0.0000e+00	-1.0054e+01	0.0000e+00	-6.8486e+00	0.0000e+00	1.1948e+03
291	2	0.0000e+00	3.1157e+01	0.0000e+00	-8.7290e+01	0.0000e+00	1.9549e+03
	68	0.0000e+00	-3.1157e+01	0.0000e+00	8.7290e+01	0.0000e+00	-5.5289e+02
292	57	-5.4406e+00	-1.5623e-14	3.1916e+00	2.9534e-02	-3.1916e+01	0.0000e+00
	1950	5.4406e+00	1.5623e-14	-3.1916e+00	-2.9534e-02	0.0000e+00	0.0000e+00
293	34	1.4680e+01	4.7242e-15	-3.6375e+00	8.3254e-03	4.7287e+01	0.0000e+00
	1938	-1.4680e+01	-4.7242e-15	3.6375e+00	-8.3254e-03	0.0000e+00	0.0000e+00
294	37	-6.5343e+00	3.8764e-15	-3.5640e+00	1.2569e-02	4.6333e+01	0.0000e+00
	1940	6.5343e+00	-3.8764e-15	3.5640e+00	-1.2569e-02	0.0000e+00	0.0000e+00
295	38	-1.8788e+00	2.7308e-15	-3.5277e+00	1.5642e-02	4.5860e+01	0.0000e+00
	1941	1.8788e+00	-2.7308e-15	3.5277e+00	-1.5642e-02	0.0000e+00	0.0000e+00
296	39	-8.7650e-01	2.0242e-15	-3.5138e+00	1.6939e-02	4.5680e+01	0.0000e+00
	1942	8.7650e-01	-2.0242e-15	3.5138e+00	-1.6939e-02	0.0000e+00	0.0000e+00
297	40	-4.1299e-01	8.9052e-16	-3.5047e+00	1.8096e-02	4.5561e+01	0.0000e+00
	1943	4.1299e-01	-8.9052e-16	3.5047e+00	-1.8096e-02	0.0000e+00	0.0000e+00
298	41	-8.2174e-03	-3.4375e-21	-3.4953e+00	1.8402e-02	4.5439e+01	0.0000e+00
	1944	8.2174e-03	3.4375e-21	3.4953e+00	-1.8402e-02	0.0000e+00	0.0000e+00
299	42	3.9898e-01	-8.9059e-16	-3.5024e+00	1.8125e-02	4.5532e+01	0.0000e+00
	1945	-3.9898e-01	8.9059e-16	3.5024e+00	-1.8125e-02	0.0000e+00	0.0000e+00
300	43	8.7718e-01	-2.0245e-15	-3.5088e+00	1.6987e-02	4.5614e+01	0.0000e+00
	1946	-8.7718e-01	2.0245e-15	3.5088e+00	-1.6987e-02	0.0000e+00	0.0000e+00
301	44	1.9412e+00	-2.7318e-15	-3.5210e+00	1.5684e-02	4.5774e+01	0.0000e+00
	1947	-1.9412e+00	2.7318e-15	3.5210e+00	-1.5684e-02	0.0000e+00	0.0000e+00
302	45	6.6608e+00	-3.8734e-15	-3.5541e+00	1.2602e-02	4.6203e+01	0.0000e+00
	1948	-6.6608e+00	3.8734e-15	3.5541e+00	-1.2602e-02	0.0000e+00	0.0000e+00
303	46	-1.4889e+01	-4.7288e-15	-3.5642e+00	1.3610e-02	4.6334e+01	0.0000e+00
	1949	1.4889e+01	4.7288e-15	3.5642e+00	-1.3610e-02	0.0000e+00	0.0000e+00
304	66	-1.9967e+00	1.8586e-14	3.2682e+00	2.7283e-02	-3.2682e+01	0.0000e+00
	1959	1.9967e+00	-1.8586e-14	-3.2682e+00	-2.7283e-02	0.0000e+00	0.0000e+00
305	65	5.7128e+00	1.5624e-14	3.2193e+00	2.9773e-02	-3.2193e+01	0.0000e+00
	1958	-5.7128e+00	-1.5624e-14	-3.2193e+00	-2.9773e-02	0.0000e+00	0.0000e+00
306	64	1.6164e+00	1.0897e-14	3.1926e+00	2.9240e-02	-3.1926e+01	0.0000e+00
	1957	-1.6164e+00	-1.0897e-14	-3.1926e+00	-2.9240e-02	0.0000e+00	0.0000e+00
307	63	1.4187e+00	8.0667e-15	3.1832e+00	2.9024e-02	-3.1832e+01	0.0000e+00
	1956	-1.4187e+00	-8.0667e-15	-3.1832e+00	-2.9024e-02	0.0000e+00	0.0000e+00
308	62	4.5025e-01	3.5514e-15	3.1782e+00	2.8825e-02	-3.1782e+01	0.0000e+00
	1955	-4.5025e-01	-3.5514e-15	-3.1782e+00	-2.8825e-02	0.0000e+00	0.0000e+00
309	61	-4.0513e-03	-2.6392e-18	3.1663e+00	2.8778e-02	-3.1663e+01	0.0000e+00
	1954	4.0513e-03	2.6392e-18	-3.1663e+00	-2.8778e-02	0.0000e+00	0.0000e+00
310	60	-4.5988e-01	-3.5578e-15	3.1728e+00	2.8802e-02	-3.1728e+01	0.0000e+00
	1953	4.5988e-01	3.5578e-15	-3.1728e+00	-2.8802e-02	0.0000e+00	0.0000e+00
311	59	-1.4331e+00	-8.0763e-15	3.1706e+00	2.8953e-02	-3.1706e+01	0.0000e+00
	1952	1.4331e+00	8.0763e-15	-3.1706e+00	-2.8953e-02	0.0000e+00	0.0000e+00
312	58	-1.6369e+00	-1.0912e-14	3.1747e+00	2.9105e-02	-3.1747e+01	0.0000e+00
	1951	1.6369e+00	1.0912e-14	-3.1747e+00	-2.9105e-02	0.0000e+00	0.0000e+00
313	1936	-1.2311e+00	-1.8497e-17	2.3096e-17	6.9831e-02	0.0000e+00	0.0000e+00
	1937	1.2311e+00	1.8497e-17	-2.3096e-17	-6.9831e-02	0.0000e+00	0.0000e+00

314	1935	-1.0392e+00	-7.2802e-19	-8.9052e-18	-1.3228e-01	0.0000e+00	0.0000e+00
	1936	1.0392e+00	7.2802e-19	8.9052e-18	1.3228e-01	0.0000e+00	0.0000e+00
315	1934	-7.8559e-01	0.0000e+00	0.0000e+00	-4.9210e-02	0.0000e+00	0.0000e+00
	1935	7.8559e-01	0.0000e+00	0.0000e+00	4.9210e-02	0.0000e+00	0.0000e+00
316	1933	-5.0811e-01	7.7769e-19	2.1424e-19	-1.8551e-01	0.0000e+00	0.0000e+00
	1934	5.0811e-01	-7.7769e-19	-2.1424e-19	1.8551e-01	0.0000e+00	0.0000e+00
317	1932	-2.1168e-01	-7.5277e-19	1.3287e-17	-1.1111e-01	0.0000e+00	0.0000e+00
	1933	2.1168e-01	7.5277e-19	-1.3287e-17	1.1111e-01	0.0000e+00	0.0000e+00
318	1931	8.8459e-02	-1.5061e-18	8.0598e-19	-1.1115e-01	0.0000e+00	0.0000e+00
	1932	-8.8459e-02	1.5061e-18	-8.0598e-19	1.1115e-01	0.0000e+00	0.0000e+00
319	1930	3.8159e-01	1.0714e-17	-4.8094e-19	-1.8558e-01	0.0000e+00	0.0000e+00
	1931	-3.8159e-01	-1.0714e-17	4.8094e-19	1.8558e-01	0.0000e+00	0.0000e+00
320	1929	6.5073e-01	2.8666e-19	-3.7000e-18	-4.9508e-02	0.0000e+00	0.0000e+00
	1930	-6.5073e-01	-2.8666e-19	3.7000e-18	4.9508e-02	0.0000e+00	0.0000e+00
321	1928	8.9131e-01	1.5156e-18	0.0000e+00	-1.3742e-01	0.0000e+00	0.0000e+00
	1929	-8.9131e-01	-1.5156e-18	0.0000e+00	1.3742e-01	0.0000e+00	0.0000e+00
322	1927	-1.7739e-01	3.7054e-18	3.7370e-17	6.5832e-02	0.0000e+00	0.0000e+00
	1928	1.7739e-01	-3.7054e-18	-3.7370e-17	-6.5832e-02	0.0000e+00	0.0000e+00
323	1937	-6.7853e-01	4.2411e-02	1.2677e-01	8.7250e-04	-5.4535e-05	6.8085e-02
	1960	6.7853e-01	-4.2411e-02	-1.2677e-01	-8.7250e-04	-9.1530e+00	2.9940e+00
324	1936	1.1724e-13	-5.1514e-14	1.9195e-01	-3.2419e-14	-1.8474e-13	-2.0211e-01
	1961	-1.1724e-13	5.1514e-14	-1.9195e-01	3.2419e-14	-1.3859e+01	2.0211e-01
325	1935	1.1546e-14	4.8850e-15	2.5361e-01	-1.7764e-14	4.7606e-13	8.3074e-02
	1962	-1.1546e-14	-4.8850e-15	-2.5361e-01	1.7764e-14	-1.8311e+01	-8.3074e-02
326	1934	-1.9540e-14	2.2204e-15	2.7748e-01	-2.9976e-14	-2.1672e-13	-1.3630e-01
	1963	1.9540e-14	-2.2204e-15	-2.7748e-01	2.9976e-14	-2.0034e+01	1.3630e-01
327	1933	-2.5535e-14	1.1546e-14	2.9643e-01	-2.7578e-13	4.5830e-13	7.4395e-02
	1964	2.5535e-14	-1.1546e-14	-2.9643e-01	2.7578e-13	-2.1402e+01	-7.4395e-02
328	1932	8.0144e-16	-1.3683e-16	3.0014e-01	1.1546e-14	6.7857e-13	-3.8577e-05
	1965	-8.0144e-16	1.3683e-16	-3.0014e-01	-1.1546e-14	-2.1670e+01	3.8577e-05
329	1931	2.6645e-15	-1.1324e-14	2.9313e-01	5.0404e-14	1.5632e-13	-7.4423e-02
	1966	-2.6645e-15	1.1324e-14	-2.9313e-01	-5.0404e-14	-2.1165e+01	7.4423e-02
330	1930	-4.2633e-14	-7.1054e-15	2.6914e-01	-2.6423e-14	8.8818e-14	1.3607e-01
	1967	4.2633e-14	7.1054e-15	-2.6914e-01	2.6423e-14	-1.9432e+01	-1.3607e-01
331	1929	8.5265e-14	5.2403e-14	2.4058e-01	-5.2847e-14	-6.1462e-13	-8.7907e-02
	1968	-8.5265e-14	-5.2403e-14	-2.4058e-01	5.2847e-14	-1.7370e+01	8.7907e-02
332	1928	-6.1796e-01	3.8625e-02	1.6800e-01	4.2888e-04	-2.6807e-05	2.0239e-01
	1969	6.1796e-01	-3.8625e-02	-1.6800e-01	-4.2888e-04	-1.2130e+01	2.5864e+00
333	1927	2.8422e-13	-1.9540e-14	1.7739e-01	5.1070e-15	3.5527e-15	-6.5832e-02
	1970	-2.8422e-13	1.9540e-14	-1.7739e-01	-5.1070e-15	-1.2808e+01	6.5832e-02
334	2089	-6.9180e-01	-1.3118e-18	1.4367e-18	3.4769e-02	0.0000e+00	0.0000e+00
	2090	6.9180e-01	1.3118e-18	-1.4367e-18	-3.4769e-02	0.0000e+00	0.0000e+00
335	2083	1.7078e-01	-2.0355e-19	1.3159e-18	6.1479e-02	0.0000e+00	0.0000e+00
	2084	-1.7078e-01	2.0355e-19	-1.3159e-18	-6.1479e-02	0.0000e+00	0.0000e+00
336	2081	6.5018e-01	6.6791e-19	1.2792e-18	6.7749e-02	0.0000e+00	0.0000e+00
	2082	-6.5018e-01	-6.6791e-19	-1.2792e-18	-6.7749e-02	0.0000e+00	0.0000e+00
337	2055	2.1681e-01	1.5271e-18	1.2988e-18	6.1146e-02	0.0000e+00	0.0000e+00
	2077	-2.1681e-01	-1.5271e-18	-1.2988e-18	-6.1146e-02	0.0000e+00	0.0000e+00
338	2077	-1.2287e+00	1.5564e-18	1.2857e-18	5.9789e-02	0.0000e+00	0.0000e+00
	2078	1.2287e+00	-1.5564e-18	-1.2857e-18	-5.9789e-02	0.0000e+00	0.0000e+00
339	2075	5.1584e-01	2.2242e-18	1.3264e-18	3.8623e-02	0.0000e+00	0.0000e+00
	2076	-5.1584e-01	-2.2242e-18	-1.3264e-18	-3.8623e-02	0.0000e+00	0.0000e+00
340	2071	8.8081e-01	2.5601e-18	1.3656e-18	3.6114e-03	0.0000e+00	0.0000e+00
	2072	-8.8081e-01	-2.5601e-18	-1.3656e-18	-3.6114e-03	0.0000e+00	0.0000e+00
341	2087	7.4587e-01	-8.6564e-19	1.3751e-18	4.7290e-02	0.0000e+00	0.0000e+00

	2088	-7.4587e-01	8.6564e-19	-1.3751e-18	-4.7290e-02	0.0000e+00	0.0000e+00
342	2090	-3.0050e+00	0.0000e+00	6.7121e-18	5.7748e-02	0.0000e+00	0.0000e+00
	2112	3.0050e+00	0.0000e+00	-6.7121e-18	-5.7748e-02	0.0000e+00	0.0000e+00
343	2088	1.0278e+00	0.0000e+00	6.3339e-18	8.6747e-02	0.0000e+00	0.0000e+00
	2111	-1.0278e+00	0.0000e+00	-6.3339e-18	-8.6747e-02	0.0000e+00	0.0000e+00
344	2084	3.7786e+00	0.0000e+00	5.9736e-18	1.1171e-01	0.0000e+00	0.0000e+00
	2109	-3.7786e+00	0.0000e+00	-5.9736e-18	-1.1171e-01	0.0000e+00	0.0000e+00
345	2082	7.6226e-01	0.0000e+00	5.7515e-18	1.1950e-01	0.0000e+00	0.0000e+00
	2108	-7.6226e-01	0.0000e+00	-5.7515e-18	-1.1950e-01	0.0000e+00	0.0000e+00
346	2078	-2.7794e+00	0.0000e+00	5.7716e-18	1.0358e-01	0.0000e+00	0.0000e+00
	2106	2.7794e+00	0.0000e+00	-5.7716e-18	-1.0358e-01	0.0000e+00	0.0000e+00
347	2076	1.9580e-01	0.0000e+00	5.9929e-18	6.7244e-02	0.0000e+00	0.0000e+00
	2105	-1.9580e-01	0.0000e+00	-5.9929e-18	-6.7244e-02	0.0000e+00	0.0000e+00
348	2072	1.9107e+00	0.0000e+00	6.2084e-18	7.8082e-03	0.0000e+00	0.0000e+00
	2103	-1.9107e+00	0.0000e+00	-6.2084e-18	-7.8082e-03	0.0000e+00	0.0000e+00
349	2103	3.0120e+00	0.0000e+00	0.0000e+00	6.8246e-03	0.0000e+00	0.0000e+00
	2120	-3.0120e+00	0.0000e+00	0.0000e+00	-6.8246e-03	0.0000e+00	0.0000e+00
350	2105	-4.1151e-02	0.0000e+00	0.0000e+00	2.0079e-02	0.0000e+00	0.0000e+00
	2122	4.1151e-02	0.0000e+00	0.0000e+00	-2.0079e-02	0.0000e+00	0.0000e+00
351	2106	-6.7367e+00	0.0000e+00	0.0000e+00	2.3969e-02	0.0000e+00	0.0000e+00
	2123	6.7367e+00	0.0000e+00	0.0000e+00	-2.3969e-02	0.0000e+00	0.0000e+00
352	2108	9.0688e-01	0.0000e+00	0.0000e+00	2.4258e-02	0.0000e+00	0.0000e+00
	2125	-9.0688e-01	0.0000e+00	0.0000e+00	-2.4258e-02	0.0000e+00	0.0000e+00
353	2109	8.3028e+00	0.0000e+00	0.0000e+00	1.5206e-02	0.0000e+00	0.0000e+00
	1925	-8.3028e+00	0.0000e+00	0.0000e+00	-1.5206e-02	0.0000e+00	0.0000e+00
354	2111	1.3575e+00	0.0000e+00	0.0000e+00	4.6391e-03	0.0000e+00	0.0000e+00
	1983	-1.3575e+00	0.0000e+00	0.0000e+00	-4.6391e-03	0.0000e+00	0.0000e+00
355	2112	-5.5045e+00	0.0000e+00	0.0000e+00	2.0057e-02	0.0000e+00	0.0000e+00
	2005	5.5045e+00	0.0000e+00	0.0000e+00	-2.0057e-02	0.0000e+00	0.0000e+00
356	2085	4.7822e+00	5.5752e-18	1.3221e-17	1.7926e-01	0.0000e+00	0.0000e+00
	1921	-4.7822e+00	-5.5752e-18	-1.3221e-17	-1.7926e-01	0.0000e+00	0.0000e+00
357	1983	1.6647e+00	0.0000e+00	8.7717e-18	-1.2933e-01	0.0000e+00	0.0000e+00
	2059	-1.6647e+00	0.0000e+00	-8.7717e-18	1.2933e-01	0.0000e+00	0.0000e+00
358	2005	-8.1895e+00	0.0000e+00	8.1850e-18	-3.3652e-02	0.0000e+00	0.0000e+00
	2085	8.1895e+00	0.0000e+00	-8.1850e-18	3.3652e-02	0.0000e+00	0.0000e+00
359	1925	2.3215e+01	0.0000e+00	9.4133e-18	-1.6030e-01	0.0000e+00	0.0000e+00
	2042	-2.3215e+01	0.0000e+00	-9.4133e-18	1.6030e-01	0.0000e+00	0.0000e+00
360	2125	1.0620e+00	0.0000e+00	9.9234e-18	-8.7243e-02	0.0000e+00	0.0000e+00
	2025	-1.0620e+00	0.0000e+00	-9.9234e-18	8.7243e-02	0.0000e+00	0.0000e+00
361	2123	-1.1761e+01	0.0000e+00	1.0113e-17	8.8965e-02	0.0000e+00	0.0000e+00
	2008	1.1761e+01	0.0000e+00	-1.0113e-17	-8.8965e-02	0.0000e+00	0.0000e+00
362	2122	-1.3983e-01	0.0000e+00	1.0688e-17	2.3882e-01	0.0000e+00	0.0000e+00
	1996	1.3983e-01	0.0000e+00	-1.0688e-17	-2.3882e-01	0.0000e+00	0.0000e+00
363	2120	4.1839e+00	0.0000e+00	1.2202e-17	2.7530e-01	0.0000e+00	0.0000e+00
	1919	-4.1839e+00	0.0000e+00	-1.2202e-17	-2.7530e-01	0.0000e+00	0.0000e+00
364	2059	1.2671e+00	-1.6109e-17	1.5407e-17	6.2614e-01	0.0000e+00	0.0000e+00
	1920	-1.2671e+00	1.6109e-17	-1.5407e-17	-6.2614e-01	0.0000e+00	0.0000e+00
365	2042	1.4620e+01	-4.4092e-17	1.7267e-17	6.8378e-01	0.0000e+00	0.0000e+00
	1918	-1.4620e+01	4.4092e-17	-1.7267e-17	-6.8378e-01	0.0000e+00	0.0000e+00
366	2025	6.8370e-01	-6.8813e-17	1.8062e-17	4.4824e-01	0.0000e+00	0.0000e+00
	1917	-6.8370e-01	6.8813e-17	-1.8062e-17	-4.4824e-01	0.0000e+00	0.0000e+00
367	2008	-9.0313e+00	-7.9543e-17	1.8190e-17	-1.4992e-02	0.0000e+00	0.0000e+00
	2107	9.0313e+00	7.9543e-17	-1.8190e-17	1.4992e-02	0.0000e+00	0.0000e+00
368	1996	1.3374e-01	-6.8508e-17	1.8794e-17	-4.4693e-01	0.0000e+00	0.0000e+00
	2080	-1.3374e-01	6.8508e-17	-1.8794e-17	4.4693e-01	0.0000e+00	0.0000e+00

369	1919	1.5994e+01	-4.4232e-17	2.0706e-17	-6.2951e-01	0.0000e+00	0.0000e+00
	2079	-1.5994e+01	4.4232e-17	-2.0706e-17	6.2951e-01	0.0000e+00	0.0000e+00
370	2097	5.1652e-01	-1.5850e-17	2.3666e-17	6.1219e-02	0.0000e+00	0.0000e+00
	2039	-5.1652e-01	1.5850e-17	-2.3666e-17	-6.1219e-02	0.0000e+00	0.0000e+00
371	2098	7.3107e+00	-1.2933e-17	2.4162e-17	-1.0441e-01	0.0000e+00	0.0000e+00
	2056	-7.3107e+00	1.2933e-17	-2.4162e-17	1.0441e-01	0.0000e+00	0.0000e+00
372	2119	6.2332e+00	0.0000e+00	1.4134e-17	-4.1532e-02	0.0000e+00	0.0000e+00
	2098	-6.2332e+00	0.0000e+00	-1.4134e-17	4.1532e-02	0.0000e+00	0.0000e+00
373	2118	6.9839e-01	0.0000e+00	1.2719e-17	-1.2868e-01	0.0000e+00	0.0000e+00
	2097	-6.9839e-01	0.0000e+00	-1.2719e-17	1.2868e-01	0.0000e+00	0.0000e+00
374	2102	4.2527e+00	0.0000e+00	0.0000e+00	-3.8236e-02	0.0000e+00	0.0000e+00
	2119	-4.2527e+00	0.0000e+00	0.0000e+00	3.8236e-02	0.0000e+00	0.0000e+00
375	2101	6.1882e-01	0.0000e+00	0.0000e+00	-4.8525e-02	0.0000e+00	0.0000e+00
	2118	-6.1882e-01	0.0000e+00	0.0000e+00	4.8525e-02	0.0000e+00	0.0000e+00
376	2070	2.4531e+00	0.0000e+00	4.9996e-18	-1.5034e-01	0.0000e+00	0.0000e+00
	2102	-2.4531e+00	0.0000e+00	-4.9996e-18	1.5034e-01	0.0000e+00	0.0000e+00
377	2068	4.3621e-01	0.0000e+00	3.1567e-18	-1.8418e-01	0.0000e+00	0.0000e+00
	2101	-4.3621e-01	0.0000e+00	-3.1567e-18	1.8418e-01	0.0000e+00	0.0000e+00
378	2069	7.9929e-01	1.5579e-18	1.1339e-18	-8.9987e-02	0.0000e+00	0.0000e+00
	2070	-7.9929e-01	-1.5579e-18	-1.1339e-18	8.9987e-02	0.0000e+00	0.0000e+00
379	2067	1.7104e-01	3.4533e-19	7.8397e-19	-1.1017e-01	0.0000e+00	0.0000e+00
	2068	-1.7104e-01	-3.4533e-19	-7.8397e-19	1.1017e-01	0.0000e+00	0.0000e+00
380	2022	-9.3030e-01	-3.0331e-17	1.6672e-17	7.0415e-01	0.0000e+00	0.0000e+00
	1926	9.3030e-01	3.0331e-17	-1.6672e-17	-7.0415e-01	0.0000e+00	0.0000e+00
381	1993	-1.1564e-01	-3.8919e-17	1.9400e-17	7.7109e-02	0.0000e+00	0.0000e+00
	1924	1.1564e-01	3.8919e-17	-1.9400e-17	-7.7109e-02	0.0000e+00	0.0000e+00
382	1916	-3.0408e+00	-2.8655e-17	1.7737e-17	-3.7841e-01	0.0000e+00	0.0000e+00
	1923	3.0408e+00	2.8655e-17	-1.7737e-17	3.7841e-01	0.0000e+00	0.0000e+00
383	2086	-2.3252e-01	-9.4561e-18	1.4422e-17	-4.5169e-01	0.0000e+00	0.0000e+00
	1922	2.3252e-01	9.4561e-18	-1.4422e-17	4.5169e-01	0.0000e+00	0.0000e+00
384	2065	2.8839e+00	0.0000e+00	7.7857e-18	-2.0999e-01	0.0000e+00	0.0000e+00
	2022	-2.8839e+00	0.0000e+00	-7.7857e-18	2.0999e-01	0.0000e+00	0.0000e+00
385	2048	-1.6599e-01	0.0000e+00	9.6712e-18	-7.2289e-02	0.0000e+00	0.0000e+00
	1993	1.6599e-01	0.0000e+00	-9.6712e-18	7.2289e-02	0.0000e+00	0.0000e+00
386	2031	-3.9104e+00	0.0000e+00	9.6066e-18	4.0760e-02	0.0000e+00	0.0000e+00
	1916	3.9104e+00	0.0000e+00	-9.6066e-18	-4.0760e-02	0.0000e+00	0.0000e+00
387	2014	-5.6156e-01	0.0000e+00	8.6115e-18	7.6375e-02	0.0000e+00	0.0000e+00
	2086	5.6156e-01	0.0000e+00	-8.6115e-18	-7.6375e-02	0.0000e+00	0.0000e+00
388	2113	-5.2619e-01	0.0000e+00	0.0000e+00	4.9182e-02	0.0000e+00	0.0000e+00
	2014	5.2619e-01	0.0000e+00	0.0000e+00	-4.9182e-02	0.0000e+00	0.0000e+00
389	2114	-2.6511e+00	0.0000e+00	0.0000e+00	3.0584e-02	0.0000e+00	0.0000e+00
	2031	2.6511e+00	0.0000e+00	0.0000e+00	-3.0584e-02	0.0000e+00	0.0000e+00
390	2115	-1.5442e-01	0.0000e+00	0.0000e+00	-1.4174e-02	0.0000e+00	0.0000e+00
	2048	1.5442e-01	0.0000e+00	0.0000e+00	1.4174e-02	0.0000e+00	0.0000e+00
391	2117	2.0595e+00	0.0000e+00	0.0000e+00	-6.9661e-02	0.0000e+00	0.0000e+00
	2065	-2.0595e+00	0.0000e+00	0.0000e+00	6.9661e-02	0.0000e+00	0.0000e+00
392	2092	-3.2013e-01	0.0000e+00	7.0125e-18	2.3327e-02	0.0000e+00	0.0000e+00
	2113	3.2013e-01	0.0000e+00	-7.0125e-18	-2.3327e-02	0.0000e+00	0.0000e+00
393	2094	-1.4969e+00	0.0000e+00	7.0097e-18	-2.4150e-02	0.0000e+00	0.0000e+00
	2114	1.4969e+00	0.0000e+00	-7.0097e-18	2.4150e-02	0.0000e+00	0.0000e+00
394	2096	-1.1305e-01	0.0000e+00	6.4546e-18	-7.5535e-02	0.0000e+00	0.0000e+00
	2115	1.1305e-01	0.0000e+00	-6.4546e-18	7.5535e-02	0.0000e+00	0.0000e+00
395	2100	1.2464e+00	0.0000e+00	5.1786e-18	-1.2188e-01	0.0000e+00	0.0000e+00
	2117	-1.2464e+00	0.0000e+00	-5.1786e-18	1.2188e-01	0.0000e+00	0.0000e+00
396	2091	3.9107e-02	-1.7477e-18	1.5054e-18	2.1335e-02	0.0000e+00	0.0000e+00

	2092	-3.9107e-02	1.7477e-18	-1.5054e-18	-2.1335e-02	0.0000e+00	0.0000e+00
397	2093	-4.2910e-01	-1.8653e-18	1.5356e-18	-6.5078e-03	0.0000e+00	0.0000e+00
	2094	4.2910e-01	1.8653e-18	-1.5356e-18	6.5078e-03	0.0000e+00	0.0000e+00
398	2095	-5.9690e-02	-1.6646e-18	1.4569e-18	-4.0519e-02	0.0000e+00	0.0000e+00
	2096	5.9690e-02	1.6646e-18	-1.4569e-18	4.0519e-02	0.0000e+00	0.0000e+00
399	2099	4.5751e-01	-1.1398e-18	1.2221e-18	-7.3562e-02	0.0000e+00	0.0000e+00
	2100	-4.5751e-01	1.1398e-18	-1.2221e-18	7.3562e-02	0.0000e+00	0.0000e+00
400	2066	-3.2312e-01	-1.1336e-18	1.2177e-18	-7.3186e-02	0.0000e+00	0.0000e+00
	2099	3.2312e-01	1.1336e-18	-1.2177e-18	7.3186e-02	0.0000e+00	0.0000e+00
401	2049	-1.1038e+00	0.0000e+00	5.1306e-18	-1.2057e-01	0.0000e+00	0.0000e+00
	2066	1.1038e+00	0.0000e+00	-5.1306e-18	1.2057e-01	0.0000e+00	0.0000e+00
402	2064	-6.5045e-03	-1.6560e-18	1.4514e-18	-4.0400e-02	0.0000e+00	0.0000e+00
	2095	6.5045e-03	1.6560e-18	-1.4514e-18	4.0400e-02	0.0000e+00	0.0000e+00
403	2063	6.1833e-01	-1.8569e-18	1.5302e-18	-6.6935e-03	0.0000e+00	0.0000e+00
	2093	-6.1833e-01	1.8569e-18	-1.5302e-18	6.6935e-03	0.0000e+00	0.0000e+00
404	2062	4.3933e-01	-1.7427e-18	1.5010e-18	2.0841e-02	0.0000e+00	0.0000e+00
	2091	-4.3933e-01	1.7427e-18	-1.5010e-18	-2.0841e-02	0.0000e+00	0.0000e+00
405	2061	1.5428e+00	-1.3146e-18	1.4336e-18	3.3994e-02	0.0000e+00	0.0000e+00
	2089	-1.5428e+00	1.3146e-18	-1.4336e-18	-3.3994e-02	0.0000e+00	0.0000e+00
406	2060	5.4924e-01	-8.7876e-19	1.3735e-18	4.6187e-02	0.0000e+00	0.0000e+00
	2087	-5.4924e-01	8.7876e-19	-1.3735e-18	-4.6187e-02	0.0000e+00	0.0000e+00
407	2058	-1.2806e+00	-2.3185e-19	1.3158e-18	5.9980e-02	0.0000e+00	0.0000e+00
	2083	1.2806e+00	2.3185e-19	-1.3158e-18	-5.9980e-02	0.0000e+00	0.0000e+00
408	2057	6.4801e-01	6.0677e-19	1.2862e-18	6.7649e-02	0.0000e+00	0.0000e+00
	2081	-6.4801e-01	-6.0677e-19	-1.2862e-18	-6.7649e-02	0.0000e+00	0.0000e+00
409	2054	9.0585e-01	2.2086e-18	1.3404e-18	3.9621e-02	0.0000e+00	0.0000e+00
	2075	-9.0585e-01	-2.2086e-18	-1.3404e-18	-3.9621e-02	0.0000e+00	0.0000e+00
410	2052	-1.5648e-01	2.5541e-18	1.3807e-18	4.2654e-03	0.0000e+00	0.0000e+00
	2071	1.5648e-01	-2.5541e-18	-1.3807e-18	-4.2654e-03	0.0000e+00	0.0000e+00
411	2051	-8.2727e-01	1.5588e-18	1.1503e-18	-8.9909e-02	0.0000e+00	0.0000e+00
	2069	8.2727e-01	-1.5588e-18	-1.1503e-18	8.9909e-02	0.0000e+00	0.0000e+00
412	2050	-1.0974e-01	3.4559e-19	8.0015e-19	-1.1020e-01	0.0000e+00	0.0000e+00
	2067	1.0974e-01	-3.4559e-19	-8.0015e-19	1.1020e-01	0.0000e+00	0.0000e+00
413	2047	3.5418e-02	0.0000e+00	6.3947e-18	-7.5138e-02	0.0000e+00	0.0000e+00
	2064	-3.5418e-02	0.0000e+00	-6.3947e-18	7.5138e-02	0.0000e+00	0.0000e+00
414	2046	1.6914e+00	0.0000e+00	6.9508e-18	-2.4756e-02	0.0000e+00	0.0000e+00
	2063	-1.6914e+00	0.0000e+00	-6.9508e-18	2.4756e-02	0.0000e+00	0.0000e+00
415	2045	8.0567e-01	0.0000e+00	6.9645e-18	2.1807e-02	0.0000e+00	0.0000e+00
	2062	-8.0567e-01	0.0000e+00	-6.9645e-18	-2.1807e-02	0.0000e+00	0.0000e+00
416	2044	3.8103e+00	0.0000e+00	6.6763e-18	5.5565e-02	0.0000e+00	0.0000e+00
	2061	-3.8103e+00	0.0000e+00	-6.6763e-18	-5.5565e-02	0.0000e+00	0.0000e+00
417	2043	3.9486e-01	0.0000e+00	6.3110e-18	8.3717e-02	0.0000e+00	0.0000e+00
	2060	-3.9486e-01	0.0000e+00	-6.3110e-18	-8.3717e-02	0.0000e+00	0.0000e+00
418	2041	-2.8551e+00	0.0000e+00	5.9632e-18	1.0755e-01	0.0000e+00	0.0000e+00
	2058	2.8551e+00	0.0000e+00	-5.9632e-18	-1.0755e-01	0.0000e+00	0.0000e+00
419	2040	7.5551e-01	0.0000e+00	5.8037e-18	1.1919e-01	0.0000e+00	0.0000e+00
	2057	-7.5551e-01	0.0000e+00	-5.8037e-18	-1.1919e-01	0.0000e+00	0.0000e+00
420	2038	3.8475e+00	0.0000e+00	5.8774e-18	1.0732e-01	0.0000e+00	0.0000e+00
	2055	-3.8475e+00	0.0000e+00	-5.8774e-18	-1.0732e-01	0.0000e+00	0.0000e+00
421	2037	1.3733e+00	0.0000e+00	6.1059e-18	6.9977e-02	0.0000e+00	0.0000e+00
	2054	-1.3733e+00	0.0000e+00	-6.1059e-18	-6.9977e-02	0.0000e+00	0.0000e+00
422	2035	-1.2669e+00	0.0000e+00	6.3311e-18	9.5911e-03	0.0000e+00	0.0000e+00
	2052	1.2669e+00	0.0000e+00	-6.3311e-18	-9.5911e-03	0.0000e+00	0.0000e+00
423	2034	-2.5160e+00	0.0000e+00	5.1330e-18	-1.5009e-01	0.0000e+00	0.0000e+00
	2051	2.5160e+00	0.0000e+00	-5.1330e-18	1.5009e-01	0.0000e+00	0.0000e+00

424	2033	-3.5749e-01	0.0000e+00	3.2891e-18	-1.8423e-01	0.0000e+00	0.0000e+00
	2050	3.5749e-01	0.0000e+00	-3.2891e-18	1.8423e-01	0.0000e+00	0.0000e+00
425	2032	-1.8974e+00	0.0000e+00	0.0000e+00	-6.4059e-02	0.0000e+00	0.0000e+00
	2049	1.8974e+00	0.0000e+00	0.0000e+00	6.4059e-02	0.0000e+00	0.0000e+00
426	2030	4.9526e-02	0.0000e+00	0.0000e+00	-1.2797e-02	0.0000e+00	0.0000e+00
	2047	-4.9526e-02	0.0000e+00	0.0000e+00	1.2797e-02	0.0000e+00	0.0000e+00
427	2029	2.8587e+00	0.0000e+00	0.0000e+00	2.7883e-02	0.0000e+00	0.0000e+00
	2046	-2.8587e+00	0.0000e+00	0.0000e+00	-2.7883e-02	0.0000e+00	0.0000e+00
428	2028	1.0243e+00	0.0000e+00	0.0000e+00	4.3512e-02	0.0000e+00	0.0000e+00
	2045	-1.0243e+00	0.0000e+00	0.0000e+00	-4.3512e-02	0.0000e+00	0.0000e+00
429	2027	6.2403e+00	0.0000e+00	0.0000e+00	1.3639e-02	0.0000e+00	0.0000e+00
	2044	-6.2403e+00	0.0000e+00	0.0000e+00	-1.3639e-02	0.0000e+00	0.0000e+00
430	2026	2.4419e-01	0.0000e+00	0.0000e+00	-3.6508e-03	0.0000e+00	0.0000e+00
	2043	-2.4419e-01	0.0000e+00	0.0000e+00	3.6508e-03	0.0000e+00	0.0000e+00
431	2024	-6.8395e+00	0.0000e+00	0.0000e+00	3.1979e-03	0.0000e+00	0.0000e+00
	2041	6.8395e+00	0.0000e+00	0.0000e+00	-3.1979e-03	0.0000e+00	0.0000e+00
432	2023	8.9527e-01	0.0000e+00	0.0000e+00	2.3327e-02	0.0000e+00	0.0000e+00
	2040	-8.9527e-01	0.0000e+00	0.0000e+00	-2.3327e-02	0.0000e+00	0.0000e+00
433	2021	8.3816e+00	0.0000e+00	0.0000e+00	3.4812e-02	0.0000e+00	0.0000e+00
	2038	-8.3816e+00	0.0000e+00	0.0000e+00	-3.4812e-02	0.0000e+00	0.0000e+00
434	2020	1.8335e+00	0.0000e+00	0.0000e+00	2.7632e-02	0.0000e+00	0.0000e+00
	2037	-1.8335e+00	0.0000e+00	0.0000e+00	-2.7632e-02	0.0000e+00	0.0000e+00
435	2018	-2.5223e+00	0.0000e+00	0.0000e+00	1.1495e-02	0.0000e+00	0.0000e+00
	2035	2.5223e+00	0.0000e+00	0.0000e+00	-1.1495e-02	0.0000e+00	0.0000e+00
436	2017	-4.4020e+00	0.0000e+00	0.0000e+00	-3.7727e-02	0.0000e+00	0.0000e+00
	2034	4.4020e+00	0.0000e+00	0.0000e+00	3.7727e-02	0.0000e+00	0.0000e+00
437	2016	-4.9671e-01	0.0000e+00	0.0000e+00	-4.8785e-02	0.0000e+00	0.0000e+00
	2033	4.9671e-01	0.0000e+00	0.0000e+00	4.8785e-02	0.0000e+00	0.0000e+00
438	2015	-2.6937e+00	0.0000e+00	8.5979e-18	-2.3105e-01	0.0000e+00	0.0000e+00
	2032	2.6937e+00	0.0000e+00	-8.5979e-18	2.3105e-01	0.0000e+00	0.0000e+00
439	2013	2.1412e-02	0.0000e+00	1.0592e-17	-7.9404e-02	0.0000e+00	0.0000e+00
	2030	-2.1412e-02	0.0000e+00	-1.0592e-17	7.9404e-02	0.0000e+00	0.0000e+00
440	2012	4.1371e+00	0.0000e+00	1.0541e-17	4.9264e-02	0.0000e+00	0.0000e+00
	2029	-4.1371e+00	0.0000e+00	-1.0541e-17	-4.9264e-02	0.0000e+00	0.0000e+00
441	2011	1.0778e+00	0.0000e+00	9.4196e-18	1.0890e-01	0.0000e+00	0.0000e+00
	2028	-1.0778e+00	0.0000e+00	-9.4196e-18	-1.0890e-01	0.0000e+00	0.0000e+00
442	2010	8.8380e+00	0.0000e+00	8.6709e-18	1.7237e-02	0.0000e+00	0.0000e+00
	2027	-8.8380e+00	0.0000e+00	-8.6709e-18	-1.7237e-02	0.0000e+00	0.0000e+00
443	2009	1.4292e-01	0.0000e+00	9.1412e-18	-6.5722e-02	0.0000e+00	0.0000e+00
	2026	-1.4292e-01	0.0000e+00	-9.1412e-18	6.5722e-02	0.0000e+00	0.0000e+00
444	2007	-1.1832e+01	0.0000e+00	9.6136e-18	-1.0088e-01	0.0000e+00	0.0000e+00
	2024	1.1832e+01	0.0000e+00	-9.6136e-18	1.0088e-01	0.0000e+00	0.0000e+00
445	2006	1.0455e+00	0.0000e+00	9.8470e-18	-7.6725e-02	0.0000e+00	0.0000e+00
	2023	-1.0455e+00	0.0000e+00	-9.8470e-18	7.6725e-02	0.0000e+00	0.0000e+00
446	2004	2.3121e+01	0.0000e+00	9.8363e-18	4.6342e-02	0.0000e+00	0.0000e+00
	2021	-2.3121e+01	0.0000e+00	-9.8363e-18	-4.6342e-02	0.0000e+00	0.0000e+00
447	2003	2.2037e+00	0.0000e+00	1.0392e-17	1.8598e-01	0.0000e+00	0.0000e+00
	2020	-2.2037e+00	0.0000e+00	-1.0392e-17	-1.8598e-01	0.0000e+00	0.0000e+00
448	2001	-3.9098e+00	1.4482e-18	0.0000e+00	2.2718e-01	0.0000e+00	0.0000e+00
	2018	3.9098e+00	-1.4482e-18	0.0000e+00	-2.2718e-01	0.0000e+00	0.0000e+00
449	2000	-6.5149e+00	-2.2959e-18	0.0000e+00	-4.9124e-02	0.0000e+00	0.0000e+00
	2017	6.5149e+00	2.2959e-18	0.0000e+00	4.9124e-02	0.0000e+00	0.0000e+00
450	1999	-5.0971e-01	-3.0764e-19	0.0000e+00	-1.3266e-01	0.0000e+00	0.0000e+00
	2016	5.0971e-01	3.0764e-19	0.0000e+00	1.3266e-01	0.0000e+00	0.0000e+00
451	1982	-3.5177e+00	-3.2547e-17	1.7587e-17	7.5208e-01	0.0000e+00	0.0000e+00

	2015	3.5177e+00	3.2547e-17	-1.7587e-17	-7.5208e-01	0.0000e+00	0.0000e+00
452	1984	-9.3068e-02	-4.2037e-17	2.0558e-17	9.1526e-02	0.0000e+00	0.0000e+00
	2013	9.3068e-02	4.2037e-17	-2.0558e-17	-9.1526e-02	0.0000e+00	0.0000e+00
453	1985	1.1063e+00	-3.1644e-17	1.8878e-17	-4.0391e-01	0.0000e+00	0.0000e+00
	2012	-1.1063e+00	3.1644e-17	-1.8878e-17	4.0391e-01	0.0000e+00	0.0000e+00
454	1986	7.4711e-01	-1.1147e-17	1.5313e-17	-5.1742e-01	0.0000e+00	0.0000e+00
	2011	-7.4711e-01	1.1147e-17	-1.5313e-17	5.1742e-01	0.0000e+00	0.0000e+00
455	1998	1.4506e+01	7.0707e-18	1.3788e-17	7.8479e-02	0.0000e+00	0.0000e+00
	2010	-1.4506e+01	-7.0707e-18	-1.3788e-17	-7.8479e-02	0.0000e+00	0.0000e+00
456	1997	2.0200e-01	-1.0504e-17	1.5589e-17	5.2609e-01	0.0000e+00	0.0000e+00
	2009	-2.0200e-01	1.0504e-17	-1.5589e-17	-5.2609e-01	0.0000e+00	0.0000e+00
457	1995	-8.9769e+00	-3.5101e-17	1.7239e-17	6.2310e-01	0.0000e+00	0.0000e+00
	2007	8.9769e+00	3.5101e-17	-1.7239e-17	-6.2310e-01	0.0000e+00	0.0000e+00
458	1994	6.7570e-01	-5.8895e-17	1.8070e-17	4.3473e-01	0.0000e+00	0.0000e+00
	2006	-6.7570e-01	5.8895e-17	-1.8070e-17	-4.3473e-01	0.0000e+00	0.0000e+00
459	1992	1.4726e+01	-6.9582e-17	1.8260e-17	2.2544e-02	0.0000e+00	0.0000e+00
	2004	-1.4726e+01	6.9582e-17	-1.8260e-17	-2.2544e-02	0.0000e+00	0.0000e+00
460	1991	1.7030e+00	-6.1166e-17	1.8755e-17	-3.6422e-01	0.0000e+00	0.0000e+00
	2003	-1.7030e+00	6.1166e-17	-1.8755e-17	3.6422e-01	0.0000e+00	0.0000e+00
461	1989	1.0769e+01	-4.0606e-17	2.0393e-17	-5.3783e-01	0.0000e+00	0.0000e+00
	2001	-1.0769e+01	4.0606e-17	-2.0393e-17	5.3783e-01	0.0000e+00	0.0000e+00
462	1988	1.1370e+00	-1.3382e-17	2.3410e-17	-8.7409e-02	0.0000e+00	0.0000e+00
	2000	-1.1370e+00	1.3382e-17	-2.3410e-17	8.7409e-02	0.0000e+00	0.0000e+00
463	1987	-2.1019e-01	-1.6077e-17	2.2950e-17	5.8233e-02	0.0000e+00	0.0000e+00
	1999	2.1019e-01	1.6077e-17	-2.2950e-17	-5.8233e-02	0.0000e+00	0.0000e+00
464	1926	2.1123e+01	3.1598e+00	-3.8437e-01	-1.1512e+01	5.7268e+01	4.7079e+02
	1981	-2.1123e+01	-3.1598e+00	3.8437e-01	1.1512e+01	0.0000e+00	0.0000e+00
465	1924	2.1346e+01	-7.2956e-01	5.4593e-01	-9.1783e-01	4.7874e+00	3.9843e+02
	1926	-2.1346e+01	7.2956e-01	-5.4593e-01	9.1783e-01	-5.8406e+01	-4.7008e+02
466	1923	2.1163e+01	-2.8790e+00	6.6157e-01	-4.3025e-01	-6.1673e+01	1.0884e+02
	1924	-2.1163e+01	2.8790e+00	-6.6157e-01	4.3025e-01	-4.8555e+00	-3.9835e+02
467	1922	2.3397e+01	-3.6123e+00	-9.8047e-01	-2.0541e+00	3.4626e+01	-2.4545e+02
	1923	-2.3397e+01	3.6123e+00	9.8047e-01	2.0541e+00	6.1640e+01	-1.0922e+02
468	1949	2.1813e+01	-9.2023e+00	-7.4795e-01	6.4414e+00	8.2812e+01	-8.4453e+02
	1922	-2.1813e+01	9.2023e+00	7.4795e-01	-6.4414e+00	-3.4083e+01	2.4500e+02
469	1921	1.6930e+01	4.7445e+00	2.8162e+00	6.9729e+00	-2.5895e+01	-6.6148e+02
	1949	-1.6930e+01	-4.7445e+00	-2.8162e+00	-6.9729e+00	-8.2757e+01	8.4453e+02
470	1920	1.5908e+01	4.3433e+00	4.1276e-01	6.0710e+00	-6.7970e+01	-2.2130e+02
	1921	-1.5908e+01	-4.3433e+00	-4.1276e-01	-6.0710e+00	2.6122e+01	6.6166e+02
471	1918	1.6264e+01	2.7212e+00	-8.5438e-01	-7.9659e-01	1.7973e+01	5.2646e+01
	1920	-1.6264e+01	-2.7212e+00	8.5438e-01	7.9659e-01	6.8236e+01	2.2193e+02
472	1917	8.5615e+00	2.1979e+00	3.7691e-01	1.1853e+00	-2.0064e+01	2.7364e+02
	1918	-8.5615e+00	-2.1979e+00	-3.7691e-01	-1.1853e+00	-1.7951e+01	-5.1958e+01
473	2107	8.7366e+00	1.3421e+00	-3.0679e-01	-8.0093e-01	1.1673e+01	4.1211e+02
	1917	-8.7366e+00	-1.3421e+00	3.0679e-01	8.0093e-01	2.0083e+01	-2.7319e+02
474	2080	1.3337e+01	-3.1122e-01	-2.1611e-01	4.5491e-01	3.3028e+01	3.8139e+02
	2107	-1.3337e+01	3.1122e-01	2.1611e-01	-4.5491e-01	-1.1692e+01	-4.1212e+02
475	2079	1.3225e+01	-1.7560e+00	-3.4984e-01	4.0346e+00	6.8000e+01	2.0508e+02
	2080	-1.3225e+01	1.7560e+00	3.4984e-01	-4.0346e+00	-3.2784e+01	-3.8184e+02
476	2056	4.5804e+00	-3.6431e-01	-2.5371e+00	-9.6017e+00	7.1288e+01	-1.2786e+01
	1959	-4.5804e+00	3.6431e-01	2.5371e+00	9.6017e+00	1.4657e+02	-1.8495e+01
477	2039	-6.2060e-01	6.6566e-02	6.4329e-01	-4.8229e+00	6.3405e+00	-5.9087e+00
	2056	6.2060e-01	-6.6566e-02	-6.4329e-01	4.8229e+00	-7.1770e+01	1.2679e+01
478	1960	-6.1408e-01	1.1176e-01	1.2677e-01	-4.3464e+00	3.3006e+00	-2.9940e+00
	2039	6.1408e-01	-1.1176e-01	-1.2677e-01	4.3464e+00	-6.6761e+00	5.9699e+00

479	2022	-1.0706e+01	-2.1262e+00	-3.4692e-01	-1.0734e+01	5.1688e+01	-3.1678e+02
	1980	1.0706e+01	2.1262e+00	3.4692e-01	1.0734e+01	0.0000e+00	0.0000e+00
480	1993	-1.3235e+01	-2.6493e-01	5.2172e-01	-1.1669e+00	1.5369e+00	-3.4189e+02
	2022	1.3235e+01	2.6493e-01	-5.2172e-01	1.1669e+00	-5.2778e+01	3.1587e+02
481	1916	-1.3194e+01	1.0714e+00	5.7207e-01	-1.0059e+00	-5.5881e+01	-2.3399e+02
	1993	1.3194e+01	-1.0714e+00	-5.7207e-01	1.0059e+00	-1.6467e+00	3.4174e+02
482	2086	-1.1980e+01	1.5702e+00	-9.3706e-01	-2.4782e+00	3.6169e+01	-8.0244e+01
	1916	1.1980e+01	-1.5702e+00	9.3706e-01	2.4782e+00	5.5835e+01	2.3441e+02
483	1948	-1.1237e+01	4.4408e+00	-6.0802e-01	6.4059e+00	7.5296e+01	2.0854e+02
	2086	1.1237e+01	-4.4408e+00	6.0802e-01	-6.4059e+00	-3.5683e+01	8.0772e+01
484	2085	-9.0500e+00	-1.7893e+00	2.9461e+00	6.8892e+00	-3.8422e+01	1.3951e+02
	1948	9.0500e+00	1.7893e+00	-2.9461e+00	-6.8892e+00	-7.5241e+01	-2.0854e+02
485	2059	-1.1104e+00	-1.0719e+00	6.6206e-02	5.5494e+00	-4.5351e+01	3.1046e+01
	2085	1.1104e+00	1.0719e+00	-6.6206e-02	-5.5494e+00	3.8638e+01	-1.3973e+02
486	2042	-1.2126e+00	-9.5482e-01	-3.3139e-01	9.5967e-01	-1.2241e+01	-6.4542e+01
	2059	1.2126e+00	9.5482e-01	3.3139e-01	-9.5967e-01	4.5679e+01	-3.1802e+01
487	2025	-5.8669e+00	-1.0442e+00	1.5050e-02	-3.9168e-01	-1.3790e+01	-1.6901e+02
	2042	5.8669e+00	1.0442e+00	-1.5050e-02	3.9168e-01	1.2272e+01	6.3697e+01
488	2008	-5.9413e+00	-4.5997e-01	-3.6326e-01	-1.7509e+00	2.3918e+01	-2.1609e+02
	2025	5.9413e+00	4.5997e-01	3.6326e-01	1.7509e+00	1.3684e+01	1.6847e+02
489	1996	-4.0773e+00	1.8234e+00	-1.8062e-01	8.2174e-01	4.1801e+01	-3.6158e+01
	2008	4.0773e+00	-1.8234e+00	1.8062e-01	-8.2174e-01	-2.3968e+01	2.1619e+02
490	1919	-3.8555e+00	2.2549e+00	9.2941e-02	5.3508e+00	3.2109e+01	1.9014e+02
	1996	3.8555e+00	-2.2549e+00	-9.2941e-02	-5.3508e+00	-4.1465e+01	3.6844e+01
491	2098	-5.7035e-01	-2.4444e+00	-2.0616e+00	-8.2368e+00	5.1547e+01	3.0927e+02
	1958	5.7035e-01	2.4444e+00	2.0616e+00	8.2368e+00	1.2548e+02	-5.1916e+02
492	2097	-1.4112e+00	-2.4351e+00	3.7381e-01	-4.7765e+00	1.3961e+01	6.1527e+01
	2098	1.4112e+00	2.4351e+00	-3.7381e-01	4.7765e+00	-5.1982e+01	-3.0920e+02
493	1961	-1.5855e+00	-2.3254e+00	1.9195e-01	-3.7431e+00	9.1618e+00	-2.0211e-01
	2097	1.5855e+00	2.3254e+00	-1.9195e-01	3.7431e+00	-1.4273e+01	-6.1716e+01
494	2065	-4.0380e+00	-9.1451e-01	-3.3138e-01	-9.7630e+00	4.9373e+01	-1.3625e+02
	1979	4.0380e+00	9.1451e-01	3.3138e-01	9.7630e+00	0.0000e+00	0.0000e+00
495	2048	-4.1369e+00	-1.6583e-01	4.9299e-01	-6.3230e-01	1.9062e+00	-1.5268e+02
	2065	4.1369e+00	1.6583e-01	-4.9299e-01	6.3230e-01	-5.0325e+01	1.3639e+02
496	2031	-4.1325e+00	2.5230e-01	4.8142e-01	-4.3680e-01	-4.6452e+01	-1.2737e+02
	2048	4.1325e+00	-2.5230e-01	-4.8142e-01	4.3680e-01	-1.9602e+00	1.5274e+02
497	2014	-4.1244e+00	3.6104e-01	-7.7786e-01	-1.6599e+00	2.9949e+01	-9.1909e+01
	2031	4.1244e+00	-3.6104e-01	7.7786e-01	1.6599e+00	4.6424e+01	1.2736e+02
498	1947	-3.9123e+00	1.3547e+00	-8.1323e-01	5.6847e+00	8.2433e+01	-3.6207e+00
	2014	3.9123e+00	-1.3547e+00	8.1323e-01	-5.6847e+00	-2.9452e+01	9.1881e+01
499	2005	-3.2746e+00	-4.5691e-01	2.7078e+00	6.2144e+00	-2.2090e+01	-2.1249e+01
	1947	3.2746e+00	4.5691e-01	-2.7078e+00	-6.2144e+00	-8.2381e+01	3.6207e+00
500	1983	-3.2885e+00	-3.4299e-01	2.2793e-02	5.4441e+00	-2.4603e+01	-5.6077e+01
	2005	3.2885e+00	3.4299e-01	-2.2793e-02	-5.4441e+00	2.2292e+01	2.1303e+01
501	1925	-3.3064e+00	-1.0475e-02	3.2999e-01	2.9418e+00	-5.8322e+01	-5.7268e+01
	1983	3.3064e+00	1.0475e-02	-3.2999e-01	-2.9418e+00	2.5026e+01	5.6211e+01
502	2125	4.0496e+00	7.2062e-01	-5.9399e-01	-3.4840e+00	1.6169e+00	1.5236e+01
	1925	-4.0496e+00	-7.2062e-01	5.9399e-01	3.4840e+00	5.8292e+01	5.7445e+01
503	2123	4.1010e+00	3.1737e-01	-4.3887e-01	-3.3074e+00	4.7381e+01	4.7975e+01
	2125	-4.1010e+00	-3.1737e-01	4.3887e-01	3.3074e+00	-1.9529e+00	-1.5124e+01
504	2122	6.2875e-02	5.1348e-01	1.5927e-01	1.7857e+00	3.1737e+01	9.8740e+01
	2123	-6.2875e-02	-5.1348e-01	-1.5927e-01	-1.7857e+00	-4.7463e+01	-4.8044e+01
505	2120	1.1820e-01	5.0363e-01	6.0597e-02	5.2176e+00	2.5256e+01	1.4966e+02
	2122	-1.1820e-01	-5.0363e-01	-6.0597e-02	-5.2176e+00	-3.1356e+01	-9.8959e+01
506	2119	-4.8642e-01	-9.8564e-01	-1.8065e+00	-7.6775e+00	3.7738e+01	1.2107e+02

	1957	4.8642e-01	9.8564e-01	1.8065e+00	7.6775e+00	1.1738e+02	-2.0570e+02
507	2118	-5.5113e-01	-9.5097e-01	1.7404e-01	-5.1411e+00	2.0465e+01	2.4344e+01
	2119	5.5113e-01	9.5097e-01	-1.7404e-01	5.1411e+00	-3.8167e+01	-1.2107e+02
508	1962	-6.1918e-01	-9.0813e-01	2.5361e-01	-3.6312e+00	1.4033e+01	8.3074e-02
	2118	6.1918e-01	9.0813e-01	-2.5361e-01	3.6312e+00	-2.0786e+01	-2.4264e+01
509	2117	-2.2560e+00	-5.9530e-01	-3.2789e-01	-9.4106e+00	4.8852e+01	-8.8694e+01
	1978	2.2560e+00	5.9530e-01	3.2789e-01	9.4106e+00	0.0000e+00	0.0000e+00
510	2115	-2.3266e+00	-1.7560e-01	4.8523e-01	-3.8044e-01	2.0921e+00	-1.0589e+02
	2117	2.3266e+00	1.7560e-01	-4.8523e-01	3.8044e-01	-4.9749e+01	8.8642e+01
511	2114	-2.3325e+00	5.9979e-02	4.4386e-01	-1.6746e-01	-4.2515e+01	-9.9796e+01
	2115	2.3325e+00	-5.9979e-02	-4.4386e-01	1.6746e-01	-2.1198e+00	1.0583e+02
512	2113	-2.3301e+00	1.2138e-01	-7.1036e-01	-1.2870e+00	2.7250e+01	-8.7824e+01
	2114	2.3301e+00	-1.2138e-01	7.1036e-01	1.2870e+00	4.2496e+01	9.9741e+01
513	1946	-2.2304e+00	6.8526e-01	-9.1642e-01	5.3888e+00	8.6447e+01	-4.3153e+01
	2113	2.2304e+00	-6.8526e-01	9.1642e-01	-5.3888e+00	-2.6742e+01	8.7798e+01
514	2112	-1.9418e+00	-1.3042e-01	2.5923e+00	5.9445e+00	-1.3621e+01	-4.8185e+01
	1946	1.9418e+00	1.3042e-01	-2.5923e+00	-5.9445e+00	-8.6395e+01	4.3153e+01
515	2111	-1.9451e+00	-6.2955e-02	9.2914e-02	5.4682e+00	-2.3239e+01	-5.4606e+01
	2112	1.9451e+00	6.2955e-02	-9.2914e-02	-5.4682e+00	1.3819e+01	4.8223e+01
516	2109	-1.9416e+00	1.3301e-01	4.2264e-01	3.1030e+00	-6.6317e+01	-4.1267e+01
	2111	1.9416e+00	-1.3301e-01	-4.2264e-01	-3.1030e+00	2.3671e+01	5.4688e+01
517	2108	2.1780e+00	5.5070e-01	-6.7506e-01	-4.2002e+00	1.8297e+00	1.4176e+01
	2109	-2.1780e+00	-5.5070e-01	6.7506e-01	4.2002e+00	6.6256e+01	4.1367e+01
518	2106	2.2217e+00	3.3302e-01	-5.3044e-01	-3.9991e+00	5.7142e+01	4.8552e+01
	2108	-2.2217e+00	-3.3302e-01	5.3044e-01	3.9991e+00	-2.2353e+00	-1.4081e+01
519	2105	5.3629e-02	4.3797e-01	2.9328e-01	2.1455e+00	2.8285e+01	9.1716e+01
	2106	-5.3629e-02	-4.3797e-01	-2.9328e-01	-2.1455e+00	-5.7241e+01	-4.8474e+01
520	2103	1.0082e-01	4.2957e-01	5.6330e-02	5.2008e+00	2.2215e+01	1.3491e+02
	2105	-1.0082e-01	-4.2957e-01	-5.6330e-02	-5.2008e+00	-2.7886e+01	-9.1669e+01
521	2102	-4.3258e-01	-8.7654e-01	-1.7047e+00	-7.4463e+00	3.2211e+01	1.0714e+02
	1956	4.3258e-01	8.7654e-01	1.7047e+00	7.4463e+00	1.1416e+02	-1.8240e+02
522	2101	-4.9012e-01	-8.4570e-01	9.4874e-02	-5.2794e+00	2.2987e+01	2.1232e+01
	2102	4.9012e-01	8.4570e-01	-9.4874e-02	5.2794e+00	-3.2636e+01	-1.0725e+02
523	1963	-5.5064e-01	-8.0761e-01	2.7748e-01	-3.5847e+00	1.5923e+01	-1.3630e-01
	2101	5.5064e-01	8.0761e-01	-2.7748e-01	3.5847e+00	-2.3311e+01	-2.1368e+01
524	2100	-9.0398e-01	-2.1913e-01	-3.2045e-01	-9.0215e+00	4.7745e+01	-3.2649e+01
	1977	9.0398e-01	2.1913e-01	3.2045e-01	9.0215e+00	0.0000e+00	0.0000e+00
525	2099	1.1312e-02	3.7835e-04	-3.1828e-01	-8.9229e+00	4.7421e+01	5.6371e-02
	1976	-1.1312e-02	-3.7835e-04	3.1828e-01	8.9229e+00	0.0000e+00	0.0000e+00
526	2096	-9.2875e-01	-5.1286e-02	4.6842e-01	-1.9903e-01	2.5832e+00	-3.7734e+01
	2100	9.2875e-01	5.1286e-02	-4.6842e-01	1.9903e-01	-4.8589e+01	3.2697e+01
527	2095	1.1192e-02	-1.6826e-03	4.6235e-01	-1.6078e-01	2.8432e+00	-1.0926e-01
	2099	-1.1192e-02	1.6826e-03	-4.6235e-01	1.6078e-01	-4.8253e+01	-5.5995e-02
528	2094	-9.2918e-01	4.2658e-02	4.1506e-01	6.2559e-02	-3.9149e+01	-3.3479e+01
	2096	9.2918e-01	-4.2658e-02	-4.1506e-01	-6.2559e-02	-2.5901e+00	3.7769e+01
529	2093	1.0965e-02	-2.8030e-03	4.0916e-01	1.2683e-01	-3.8301e+01	-3.9126e-01
	2095	-1.0965e-02	2.8030e-03	-4.0916e-01	-1.2683e-01	-2.8449e+00	1.0938e-01
530	2092	-9.2774e-01	6.7112e-02	-6.5277e-01	-9.6837e-01	2.4955e+01	-2.6908e+01
	2094	9.2774e-01	-6.7112e-02	6.5277e-01	9.6837e-01	3.9137e+01	3.3497e+01
531	2091	1.0888e-02	-3.0908e-03	-6.3827e-01	-8.8180e-01	2.4376e+01	-6.9454e-01
	2093	-1.0888e-02	3.0908e-03	6.3827e-01	8.8180e-01	3.8291e+01	3.9107e-01
532	1945	-8.8345e-01	2.9106e-01	-1.0120e+00	5.1389e+00	9.0371e+01	-7.9435e+00
	2092	8.8345e-01	-2.9106e-01	1.0120e+00	-5.1389e+00	-2.4439e+01	2.6906e+01
533	1944	9.8071e-03	-5.6496e-03	-1.0385e+00	5.0820e+00	9.1514e+01	-1.0621e+00
	2091	-9.8071e-03	5.6496e-03	1.0385e+00	-5.0820e+00	-2.3857e+01	6.9404e-01

534	2090	-7.5232e-01	-8.0786e-02	2.4904e+00	5.7200e+00	-5.7640e+00	-1.1060e+01
	1945	7.5232e-01	8.0786e-02	-2.4904e+00	-5.7200e+00	-9.0320e+01	7.9435e+00
535	2089	7.1086e-03	2.0623e-03	2.4568e+00	5.6703e+00	-3.3236e+00	-9.8255e-01
	1944	-7.1086e-03	-2.0623e-03	-2.4568e+00	-5.6703e+00	-9.1463e+01	1.0621e+00
536	2088	-7.5467e-01	-5.4629e-02	1.7720e-01	5.5165e+00	-2.3925e+01	-1.6576e+01
	2090	7.5467e-01	5.4629e-02	-1.7720e-01	-5.5165e+00	5.9591e+00	1.1037e+01
537	2087	7.1759e-03	1.8143e-03	2.2215e-01	5.5516e+00	-2.6042e+01	-7.9783e-01
	2089	-7.1759e-03	-1.8143e-03	-2.2215e-01	-5.5516e+00	3.5183e+00	9.8177e-01
538	2084	-7.5633e-01	2.1557e-02	4.5915e-01	3.0820e+00	-7.0688e+01	-1.4361e+01
	2088	7.5633e-01	-2.1557e-02	-4.5915e-01	-3.0820e+00	2.4358e+01	1.6536e+01
539	2083	7.3220e-03	1.0833e-03	4.1879e-01	2.9040e+00	-6.8725e+01	-6.8741e-01
	2087	-7.3220e-03	-1.0833e-03	-4.1879e-01	-2.9040e+00	2.6468e+01	7.9672e-01
540	2082	1.4658e+00	2.1556e-01	-7.1415e-01	-4.7030e+00	1.4300e+00	7.4276e+00
	2084	-1.4658e+00	-2.1556e-01	7.1415e-01	4.7030e+00	7.0598e+01	1.4313e+01
541	2081	1.4852e+00	7.4336e-02	-6.6700e-01	-4.6634e+00	-1.3548e+00	6.8086e+00
	2083	-1.4852e+00	-7.4336e-02	6.6700e-01	4.6634e+00	6.8628e+01	6.8889e-01
542	2078	1.4799e+00	6.9815e-02	-6.0206e-01	-4.5389e+00	6.4207e+01	1.4706e+01
	2082	-1.4799e+00	-6.9815e-02	6.0206e-01	4.5389e+00	-1.8872e+00	-7.4794e+00
543	2077	1.4853e+00	-7.2626e-02	-6.6483e-01	-4.7744e+00	6.7929e+01	-7.0887e-01
	2081	-1.4853e+00	7.2626e-02	6.6483e-01	4.7744e+00	8.8790e-01	-6.8087e+00
544	2076	1.7258e-02	1.4094e-01	3.8441e-01	2.3650e+00	2.6371e+01	2.8668e+01
	2078	-1.7258e-02	-1.4094e-01	-3.8441e-01	-2.3650e+00	-6.4324e+01	-1.4753e+01
545	2075	-1.1963e-05	-9.7698e-05	4.3945e-01	2.5297e+00	2.4662e+01	-7.1698e-01
	2077	1.1963e-05	9.7698e-05	-4.3945e-01	-2.5297e+00	-6.8050e+01	7.0733e-01
546	2072	3.2444e-02	1.3824e-01	6.4361e-02	5.2114e+00	1.9480e+01	4.2613e+01
	2076	-3.2444e-02	-1.3824e-01	-6.4361e-02	-5.2114e+00	-2.5959e+01	-2.8697e+01
547	2071	-2.2489e-05	-9.5824e-05	4.9447e-02	5.1897e+00	1.9264e+01	-7.2762e-01
	2075	2.2489e-05	9.5824e-05	-4.9447e-02	-5.1897e+00	-2.4242e+01	7.1798e-01
548	2070	-1.3642e-01	-2.7643e-01	-1.6225e+00	-7.2600e+00	2.7741e+01	3.4117e+01
	1955	1.3642e-01	2.7643e-01	1.6225e+00	7.2600e+00	1.1158e+02	-5.7852e+01
549	2069	1.7494e-03	3.5448e-03	-1.6072e+00	-7.2298e+00	2.6916e+01	-4.3482e-01
	1954	-1.7494e-03	-3.5448e-03	1.6072e+00	7.2298e+00	1.1109e+02	7.3919e-01
550	2068	-1.5457e-01	-2.6670e-01	3.1258e-02	-5.3920e+00	2.4984e+01	6.9300e+00
	2070	1.5457e-01	2.6670e-01	-3.1258e-02	5.3920e+00	-2.8163e+01	-3.4056e+01
551	2067	1.9821e-03	3.4201e-03	1.9357e-02	-5.4169e+00	2.5370e+01	-8.7036e-02
	2069	-1.9821e-03	-3.4201e-03	-1.9357e-02	5.4169e+00	-2.7339e+01	4.3489e-01
552	1964	-1.7365e-01	-2.5469e-01	2.9643e-01	-3.5510e+00	1.7418e+01	7.4395e-02
	2068	1.7365e-01	2.5469e-01	-2.9643e-01	3.5510e+00	-2.5311e+01	-6.8560e+00
553	1965	2.2268e-03	3.2660e-03	3.0014e-01	-3.5476e+00	1.7707e+01	-3.8577e-05
	2067	-2.2268e-03	-3.2660e-03	-3.0014e-01	3.5476e+00	-2.5698e+01	8.7003e-02
554	2066	9.2173e-01	2.1828e-01	-3.1892e-01	-9.0058e+00	4.7517e+01	3.2522e+01
	1975	-9.2173e-01	-2.1828e-01	3.1892e-01	9.0058e+00	0.0000e+00	0.0000e+00
555	2064	9.4605e-01	4.7225e-02	4.6172e-01	-2.2497e-01	3.0144e+00	3.7208e+01
	2066	-9.4605e-01	-4.7225e-02	-4.6172e-01	2.2497e-01	-4.8362e+01	-3.2569e+01
556	2063	9.4599e-01	-4.8443e-02	4.1979e-01	8.0246e-02	-3.9193e+01	3.2371e+01
	2064	-9.4599e-01	4.8443e-02	-4.1979e-01	-8.0246e-02	-3.0218e+00	-3.7242e+01
557	2062	9.4438e-01	-7.3338e-02	-6.5329e-01	-9.5187e-01	2.4961e+01	2.5188e+01
	2063	-9.4438e-01	7.3338e-02	6.5329e-01	9.5187e-01	3.9182e+01	-3.2389e+01
558	1943	8.9808e-01	-3.0115e-01	-1.0196e+00	5.1564e+00	9.0870e+01	5.5676e+00
	2062	-8.9808e-01	3.0115e-01	1.0196e+00	-5.1564e+00	-2.4441e+01	-2.5187e+01
559	2061	7.6234e-01	8.3856e-02	2.4850e+00	5.7406e+00	-5.0571e+00	8.8028e+00
	1943	-7.6234e-01	-8.3856e-02	-2.4850e+00	-5.7406e+00	-9.0819e+01	-5.5676e+00
560	2060	7.6479e-01	5.7349e-02	2.1758e-01	5.5617e+00	-2.7313e+01	1.4596e+01
	2061	-7.6479e-01	-5.7349e-02	-2.1758e-01	-5.5617e+00	5.2533e+00	-8.7813e+00
561	2058	7.6668e-01	-1.9869e-02	3.7196e-01	2.7862e+00	-6.5265e+01	1.2553e+01

	2060	-7.6668e-01	1.9869e-02	-3.7196e-01	-2.7862e+00	2.7734e+01	-1.4558e+01
562	2057	2.2450e+00	-2.9558e-02	-6.0327e-01	-4.4004e+00	-4.3306e+00	9.5217e+00
	2058	-2.2450e+00	2.9558e-02	6.0327e-01	4.4004e+00	6.5176e+01	-1.2503e+01
563	2055	2.2312e+00	-2.5101e-01	-7.1078e-01	-4.8064e+00	6.9698e+01	-1.6513e+01
	2057	-2.2312e+00	2.5101e-01	7.1078e-01	4.8064e+00	3.8751e+00	-9.4702e+00
564	2054	-1.7256e-02	-1.4093e-01	4.7821e-01	2.6883e+00	2.2598e+01	-3.0471e+01
	2055	1.7256e-02	1.4093e-01	-4.7821e-01	-2.6883e+00	-6.9812e+01	1.6557e+01
565	2052	-3.2440e-02	-1.3822e-01	1.0731e-02	5.1235e+00	2.1092e+01	-4.4416e+01
	2054	3.2440e-02	1.3822e-01	-1.0731e-02	-5.1235e+00	-2.2173e+01	3.0502e+01
566	2051	1.4069e-01	2.8507e-01	-1.6434e+00	-7.3251e+00	2.8804e+01	-3.5177e+01
	1953	-1.4069e-01	-2.8507e-01	1.6434e+00	7.3251e+00	1.1231e+02	5.9655e+01
567	2050	1.5940e-01	2.7505e-01	4.5376e-02	-5.3860e+00	2.4613e+01	-7.1422e+00
	2051	-1.5940e-01	-2.7505e-01	-4.5376e-02	5.3860e+00	-2.9229e+01	3.5117e+01
568	1966	1.7908e-01	2.6266e-01	2.9313e-01	-3.5721e+00	1.7136e+01	-7.4423e-02
	2050	-1.7908e-01	-2.6266e-01	-2.9313e-01	3.5721e+00	-2.4941e+01	7.0682e+00
569	2049	2.2466e+00	5.8705e-01	-3.2428e-01	-9.3738e+00	4.8315e+01	8.7464e+01
	1974	-2.2466e+00	-5.8705e-01	3.2428e-01	9.3738e+00	0.0000e+00	0.0000e+00
570	2047	2.3159e+00	1.6920e-01	4.6939e-01	-4.4193e-01	3.1122e+00	1.0403e+02
	2049	-2.3159e+00	-1.6920e-01	-4.6939e-01	4.4193e-01	-4.9214e+01	-8.7408e+01
571	2046	2.3211e+00	-6.5263e-02	4.5528e-01	-1.2575e-01	-4.2643e+01	9.7401e+01
	2047	-2.3211e+00	6.5263e-02	-4.5528e-01	1.2575e-01	-3.1409e+00	-1.0396e+02
572	2045	2.3186e+00	-1.2636e-01	-7.1197e-01	-1.2486e+00	2.7279e+01	8.4941e+01
	2046	-2.3186e+00	1.2636e-01	7.1197e-01	1.2486e+00	4.2625e+01	-9.7348e+01
573	1942	2.2180e+00	-6.8729e-01	-9.3059e-01	5.4331e+00	8.7389e+01	4.0143e+01
	2045	-2.2180e+00	6.8729e-01	9.3059e-01	-5.4331e+00	-2.6761e+01	-8.4920e+01
574	2044	1.9296e+00	1.2783e-01	2.5832e+00	5.9948e+00	-1.2328e+01	4.5075e+01
	1942	-1.9296e+00	-1.2783e-01	-2.5832e+00	-5.9948e+00	-8.7336e+01	-4.0143e+01
575	2043	1.9329e+00	6.0785e-02	1.5325e-01	5.5633e+00	-2.8066e+01	5.1279e+01
	2044	-1.9329e+00	-6.0785e-02	-1.5325e-01	-5.5633e+00	1.2528e+01	-4.5117e+01
576	2041	1.9292e+00	-1.3394e-01	3.0393e-01	2.7121e+00	-5.9151e+01	3.7852e+01
	2043	-1.9292e+00	1.3394e-01	-3.0393e-01	-2.7121e+00	2.8483e+01	-5.1367e+01
577	2040	4.1359e+00	-2.3319e-01	-5.3132e-01	-3.8032e+00	-5.5020e+00	1.4435e+01
	2041	-4.1359e+00	2.3319e-01	5.3132e-01	3.8032e+00	5.9091e+01	-3.7955e+01
578	2038	4.0926e+00	-6.4029e-01	-6.7108e-01	-4.3277e+00	6.4364e+01	-5.1747e+01
	2040	-4.0926e+00	6.4029e-01	6.7108e-01	4.3277e+00	5.0997e+00	-1.4531e+01
579	2037	-5.3500e-02	-4.3692e-01	4.2433e-01	2.5913e+00	2.2563e+01	-9.4809e+01
	2038	5.3500e-02	4.3692e-01	-4.2433e-01	-2.5913e+00	-6.4458e+01	5.1671e+01
580	2035	-1.0058e-01	-4.2854e-01	-3.5824e-02	5.0232e+00	2.5755e+01	-1.3790e+02
	2037	1.0058e-01	4.2854e-01	3.5824e-02	-5.0232e+00	-2.2148e+01	9.4767e+01
581	2034	4.3940e-01	8.9036e-01	-1.7561e+00	-7.6068e+00	3.4831e+01	-1.0883e+02
	1952	-4.3940e-01	-8.9036e-01	1.7561e+00	7.6068e+00	1.1596e+02	1.8528e+02
582	2033	4.9785e-01	8.5904e-01	1.2992e-01	-5.2647e+00	2.2047e+01	-2.1572e+01
	2034	-4.9785e-01	-8.5904e-01	-1.2992e-01	5.2647e+00	-3.5261e+01	1.0895e+02
583	1967	5.5933e-01	8.2035e-01	2.6914e-01	-3.6388e+00	1.5207e+01	1.3607e-01
	2033	-5.5933e-01	-8.2035e-01	-2.6914e-01	3.6388e+00	-2.2373e+01	2.1707e+01
584	2032	3.9225e+00	8.8306e-01	-3.2618e-01	-9.7070e+00	4.8598e+01	1.3157e+02
	1973	-3.9225e+00	-8.8306e-01	3.2618e-01	9.7070e+00	0.0000e+00	0.0000e+00
585	2030	4.0177e+00	1.5587e-01	4.7011e-01	-7.1807e-01	3.3813e+00	1.4704e+02
	2032	-4.0177e+00	-1.5587e-01	-4.7011e-01	7.1807e-01	-4.9553e+01	-1.3173e+02
586	2029	4.0129e+00	-2.5018e-01	4.9822e-01	-3.7333e-01	-4.6665e+01	1.2195e+02
	2030	-4.0129e+00	2.5018e-01	-4.9822e-01	3.7333e-01	-3.4365e+00	-1.4711e+02
587	2028	4.0049e+00	-3.5577e-01	-7.8019e-01	-1.6021e+00	2.9962e+01	8.6999e+01
	2029	-4.0049e+00	3.5577e-01	7.8019e-01	1.6021e+00	4.6639e+01	-1.2193e+02
588	1941	3.7977e+00	-1.3205e+00	-8.3370e-01	5.7440e+00	8.3766e+01	9.0238e-01
	2028	-3.7977e+00	1.3205e+00	8.3370e-01	-5.7440e+00	-2.9450e+01	-8.6934e+01

589	2027	3.1804e+00	4.3281e-01	2.6940e+00	6.2821e+00	-2.0225e+01	1.7601e+01
	1941	-3.1804e+00	-4.3281e-01	-2.6940e+00	-6.2821e+00	-8.3712e+01	-9.0238e-01
590	2026	3.1936e+00	3.2217e-01	9.6258e-02	5.5764e+00	-3.0190e+01	5.0261e+01
	2027	-3.1936e+00	-3.2217e-01	-9.6258e-02	-5.5764e+00	2.0431e+01	-1.7597e+01
591	2024	3.2098e+00	-6.8540e-04	1.9753e-01	2.5114e+00	-5.0529e+01	5.0254e+01
	2026	-3.2098e+00	6.8540e-04	-1.9753e-01	-2.5114e+00	3.0598e+01	-5.0323e+01
592	2023	7.2890e+00	-1.4795e-01	-4.3962e-01	-3.0538e+00	-6.1592e+00	3.5433e+01
	2024	-7.2890e+00	1.4795e-01	4.3962e-01	3.0538e+00	5.0499e+01	-5.0355e+01
593	2021	7.2388e+00	-8.6671e-01	-5.8987e-01	-3.6468e+00	5.5230e+01	-5.4181e+01
	2023	-7.2388e+00	8.6671e-01	5.8987e-01	3.6468e+00	5.8277e+00	-3.5533e+01
594	2020	-6.2341e-02	-5.0912e-01	3.0909e-01	2.2911e+00	2.4785e+01	-1.0446e+02
	2021	6.2341e-02	5.0912e-01	-3.0909e-01	-2.2911e+00	-5.5303e+01	5.4191e+01
595	2018	-1.1720e-01	-4.9935e-01	-6.1175e-02	4.9659e+00	3.0549e+01	-1.5488e+02
	2020	1.1720e-01	4.9935e-01	6.1175e-02	-4.9659e+00	-2.4391e+01	1.0462e+02
596	2017	4.9742e-01	1.0079e+00	-1.8853e+00	-7.9204e+00	4.1709e+01	-1.2382e+02
	1951	-4.9742e-01	-1.0079e+00	1.8853e+00	7.9204e+00	1.2017e+02	2.1037e+02
597	2016	5.6360e-01	9.7248e-01	2.2759e-01	-5.1184e+00	1.8997e+01	-2.4900e+01
	2017	-5.6360e-01	-9.7248e-01	-2.2759e-01	5.1184e+00	-4.2145e+01	1.2381e+02
598	1968	6.3319e-01	9.2868e-01	2.4058e-01	-3.7159e+00	1.2914e+01	-8.7907e-02
	2016	-6.3319e-01	-9.2868e-01	-2.4058e-01	3.7159e+00	-1.9320e+01	2.4816e+01
599	2015	1.1141e+01	2.2443e+00	-3.3848e-01	-1.0659e+01	5.0431e+01	3.3438e+02
	1972	-1.1141e+01	-2.2443e+00	3.3848e-01	1.0659e+01	0.0000e+00	0.0000e+00
600	2013	1.1363e+01	1.8329e-01	4.8545e-01	-1.3216e+00	3.8492e+00	3.5140e+02
	2015	-1.1363e+01	-1.8329e-01	-4.8545e-01	1.3216e+00	-5.1528e+01	-3.3340e+02
601	2012	1.1324e+01	-9.6387e-01	5.9993e-01	-9.2659e-01	-5.6367e+01	2.5430e+02
	2013	-1.1324e+01	9.6387e-01	-5.9993e-01	9.2659e-01	-3.9628e+00	-3.5123e+02
602	2011	1.3558e+01	-1.4347e+00	-9.4355e-01	-2.4100e+00	3.6318e+01	1.1389e+02
	2012	-1.3558e+01	1.4347e+00	9.4355e-01	2.4100e+00	5.6323e+01	-2.5475e+02
603	1940	1.2801e+01	-4.6938e+00	-6.1285e-01	6.5083e+00	7.5738e+01	-1.9128e+02
	2011	-1.2801e+01	4.6938e+00	6.1285e-01	-6.5083e+00	-3.5811e+01	-1.1452e+02
604	2010	1.0653e+01	1.4066e+00	2.9512e+00	6.9943e+00	-3.8176e+01	-1.3702e+02
	1940	-1.0653e+01	-1.4066e+00	-2.9512e+00	-6.9943e+00	-7.5684e+01	1.9128e+02
605	2009	9.3592e+00	1.2510e+00	-1.3764e-02	5.6651e+00	-3.7001e+01	-1.0240e+01
	2010	-9.3592e+00	-1.2510e+00	1.3764e-02	-5.6651e+00	3.8396e+01	1.3708e+02
606	2007	9.4376e+00	3.0327e-01	-7.2852e-02	1.9147e+00	-3.0032e+01	1.9768e+01
	2009	-9.4376e+00	-3.0327e-01	7.2852e-02	-1.9147e+00	3.7383e+01	1.0832e+01
607	2006	7.5853e+00	1.0976e+00	-3.6625e-01	-1.3944e+00	6.8786e+00	1.2974e+02
	2007	-7.5853e+00	-1.0976e+00	3.6625e-01	1.3944e+00	3.0061e+01	-1.9039e+01
608	2004	7.6566e+00	3.4348e-01	3.5642e-03	-7.0863e-01	6.6137e+00	1.6478e+02
	2006	-7.6566e+00	-3.4348e-01	-3.5642e-03	7.0863e-01	-6.9826e+00	-1.2923e+02
609	2003	1.2092e+01	-1.1782e+00	-4.1367e-01	5.2462e-03	4.7494e+01	4.8479e+01
	2004	-1.2092e+01	1.1782e+00	4.1367e-01	-5.2462e-03	-6.6513e+00	-1.6480e+02
610	2001	1.1892e+01	-2.4827e+00	8.7061e-02	5.1567e+00	3.8449e+01	-2.0089e+02
	2003	-1.1892e+01	2.4827e+00	-8.7061e-02	-5.1567e+00	-4.7213e+01	-4.9029e+01
611	2000	5.7166e+00	2.0062e+00	-2.1957e+00	-8.6441e+00	5.8379e+01	-3.0156e+02
	1950	-5.7166e+00	-2.0062e+00	2.1957e+00	8.6441e+00	1.3016e+02	4.7383e+02
612	1999	7.5789e-01	2.3436e+00	4.6751e-01	-4.7273e+00	1.1275e+01	-6.3156e+01
	2000	-7.5789e-01	-2.3436e+00	-4.6751e-01	4.7273e+00	-5.8825e+01	3.0153e+02
613	1969	9.2720e-01	2.2819e+00	1.6800e-01	-3.8904e+00	7.1168e+00	-2.5864e+00
	1999	-9.2720e-01	-2.2819e+00	-1.6800e-01	3.8904e+00	-1.1590e+01	6.3347e+01
614	1982	-2.1407e+01	-3.2823e+00	-4.0353e-01	-1.2604e+01	6.0122e+01	-4.8903e+02
	1971	2.1407e+01	3.2823e+00	4.0353e-01	1.2604e+01	0.0000e+00	0.0000e+00
615	1984	-2.3914e+01	5.4478e-01	6.5310e-01	-1.4745e+00	-2.7334e+00	-4.3477e+02
	1982	2.3914e+01	-5.4478e-01	-6.5310e-01	1.4745e+00	-6.1411e+01	4.8827e+02
616	1985	-2.3738e+01	2.9542e+00	5.6003e-01	-1.7427e+00	-5.8888e+01	-1.3760e+02

	1984	2.3738e+01	-2.9542e+00	-5.6003e-01	1.7427e+00	2.5707e+00	4.3468e+02
617	1986	-2.2309e+01	3.7506e+00	-1.0362e+00	-3.2927e+00	4.2918e+01	2.3025e+02
	1985	2.2309e+01	-3.7506e+00	1.0362e+00	3.2927e+00	5.8822e+01	1.3800e+02
618	1938	-2.0723e+01	9.0713e+00	-2.8911e-01	7.2598e+00	6.1263e+01	8.2073e+02
	1986	2.0723e+01	-9.0713e+00	2.8911e-01	-7.2598e+00	-4.2427e+01	-2.2973e+02
619	1998	-1.5909e+01	-4.6854e+00	3.3484e+00	7.6523e+00	-6.7976e+01	6.3996e+02
	1938	1.5909e+01	4.6854e+00	-3.3484e+00	-7.6523e+00	-6.1208e+01	-8.2073e+02
620	1997	-6.8811e+00	-3.6687e+00	-3.4626e-01	5.2868e+00	-3.3095e+01	2.6809e+02
	1998	6.8811e+00	3.6687e+00	3.4626e-01	-5.2868e+00	6.8201e+01	-6.4004e+02
621	1995	-7.2152e+00	-2.9579e+00	-1.4425e-01	1.9312e+00	-1.8903e+01	-2.9844e+01
	1997	7.2152e+00	2.9579e+00	1.4425e-01	-1.9312e+00	3.3459e+01	-2.6862e+02
622	1994	-1.1988e+01	-2.3723e+00	-3.0890e-01	-1.5884e-01	1.2154e+01	-2.6848e+02
	1995	1.1988e+01	2.3723e+00	3.0890e-01	1.5884e-01	1.9001e+01	2.9218e+01
623	1992	-1.2163e+01	-1.1774e+00	3.6680e-01	1.0417e+00	-2.5856e+01	-3.8992e+02
	1994	1.2163e+01	1.1774e+00	-3.6680e-01	-1.0417e+00	-1.2111e+01	2.6805e+02
624	1991	-4.1999e+00	5.7307e-01	-1.0430e+00	-1.7355e+00	7.7159e+01	-3.3332e+02
	1992	4.1999e+00	-5.7307e-01	1.0430e+00	1.7355e+00	2.5819e+01	3.8990e+02
625	1989	-4.1130e+00	1.0252e+00	6.6001e-01	6.6438e+00	1.0453e+01	-2.3048e+02
	1991	4.1130e+00	-1.0252e+00	-6.6001e-01	-6.6438e+00	-7.6892e+01	3.3368e+02
626	1988	6.8904e-01	2.2252e-01	-1.9861e+00	-7.8581e+00	5.1992e+01	-1.8458e+01
	1939	-6.8904e-01	-2.2252e-01	1.9861e+00	7.8581e+00	1.1855e+02	3.7565e+01
627	1987	8.3975e-02	1.4490e-01	3.8758e-01	-4.3695e+00	1.2979e+01	-3.8085e+00
	1988	-8.3975e-02	-1.4490e-01	-3.8758e-01	4.3695e+00	-5.2400e+01	1.8546e+01
628	1970	9.4344e-02	1.3837e-01	1.7739e-01	-3.4089e+00	8.5407e+00	-6.5832e-02
	1987	-9.4344e-02	-1.3837e-01	-1.7739e-01	3.4089e+00	-1.3264e+01	3.7503e+00
629	1910	0.0000e+00	1.0316e-03	0.0000e+00	7.1183e+00	0.0000e+00	1.8453e-01
	28	0.0000e+00	-1.0316e-03	0.0000e+00	-7.1183e+00	0.0000e+00	8.3760e-03
630	1905	0.0000e+00	-4.3433e+01	0.0000e+00	-1.3762e+02	0.0000e+00	-2.4161e+03
	33	0.0000e+00	4.3433e+01	0.0000e+00	1.3762e+02	0.0000e+00	-5.7058e+03
631	1915	0.0000e+00	4.3338e+01	0.0000e+00	-1.3979e+02	0.0000e+00	2.4092e+03
	23	0.0000e+00	-4.3338e+01	0.0000e+00	1.3979e+02	0.0000e+00	5.6950e+03
632	1894	1.4463e+01	1.5716e+01	3.8437e-01	-8.9626e+00	-5.4502e+01	1.9331e+03
	1981	-1.4463e+01	-1.5716e+01	-3.8437e-01	8.9626e+00	7.2241e+00	9.0949e-13
633	1895	-7.0011e+00	-8.3740e+00	3.4692e-01	-8.3573e+00	-4.9407e+01	-1.0300e+03
	1980	7.0011e+00	8.3740e+00	-3.4692e-01	8.3573e+00	6.7362e+00	0.0000e+00
634	1896	-2.5699e+00	-3.2460e+00	3.3138e-01	-7.6012e+00	-4.6887e+01	-3.9926e+02
	1979	2.5699e+00	3.2460e+00	-3.3138e-01	7.6012e+00	6.1268e+00	-1.8190e-12
635	1897	-1.3829e+00	-1.8793e+00	3.2789e-01	-7.3268e+00	-4.6236e+01	-2.3115e+02
	1978	1.3829e+00	1.8793e+00	-3.2789e-01	7.3268e+00	5.9057e+00	-3.6380e-12
636	1898	-5.6630e-01	-7.3791e-01	3.2045e-01	-7.0239e+00	-4.5077e+01	-9.0763e+01
	1977	5.6630e-01	7.3791e-01	-3.2045e-01	7.0239e+00	5.6615e+00	-9.0949e-13
637	1899	8.5695e-03	7.3933e-03	3.1828e-01	-6.9471e+00	-4.4748e+01	9.0938e-01
	1976	-8.5695e-03	-7.3933e-03	-3.1828e-01	6.9471e+00	5.5996e+00	0.0000e+00
638	1900	5.8065e-01	7.4839e-01	3.1892e-01	-7.0117e+00	-4.4879e+01	9.2052e+01
	1975	-5.8065e-01	-7.4839e-01	-3.1892e-01	7.0117e+00	5.6517e+00	-1.8190e-12
639	1901	1.3807e+00	1.8669e+00	3.2428e-01	-7.2982e+00	-4.5769e+01	2.2963e+02
	1974	-1.3807e+00	-1.8669e+00	-3.2428e-01	7.2982e+00	5.8826e+00	-1.8190e-12
640	1902	2.4998e+00	3.1491e+00	3.2618e-01	-7.5576e+00	-4.6212e+01	3.8734e+02
	1973	-2.4998e+00	-3.1491e+00	-3.2618e-01	7.5576e+00	6.0917e+00	0.0000e+00
641	1903	7.2657e+00	8.7390e+00	3.3848e-01	-8.2990e+00	-4.8322e+01	1.0749e+03
	1972	-7.2657e+00	-8.7390e+00	-3.3848e-01	8.2990e+00	6.6893e+00	-3.6380e-12
642	1904	-1.4607e+01	-1.5990e+01	4.0353e-01	-9.8134e+00	-5.7544e+01	-1.9667e+03
	1971	1.4607e+01	1.5990e+01	-4.0353e-01	9.8134e+00	7.9099e+00	0.0000e+00
2422	55	0.0000e+00	-1.8365e+00	-2.8422e-14	2.4855e+02	0.0000e+00	-3.5023e+02
	56	0.0000e+00	1.8365e+00	2.8422e-14	-2.4855e+02	0.0000e+00	-3.8439e+02

2423	54	-2.2737e-13	-1.2490e+00	1.4211e-14	2.0298e+02	0.0000e+00	-2.7237e+02
	55	2.2737e-13	1.2490e+00	-1.4211e-14	-2.0298e+02	0.0000e+00	-2.7717e+02
2424	53	0.0000e+00	-2.8136e+00	5.6843e-14	1.9518e+02	0.0000e+00	-3.9285e+02
	54	0.0000e+00	2.8136e+00	-5.6843e-14	-1.9518e+02	0.0000e+00	-3.9497e+02
2425	52	0.0000e+00	-1.2168e+00	0.0000e+00	2.1688e+02	1.8190e-12	-2.7144e+02
	53	0.0000e+00	1.2168e+00	0.0000e+00	-2.1688e+02	0.0000e+00	-2.6393e+02
2426	51	-2.2737e-13	-1.9102e+00	0.0000e+00	2.0555e+02	9.0949e-13	-3.2999e+02
	52	2.2737e-13	1.9102e+00	0.0000e+00	-2.0555e+02	-4.5475e-13	-3.3860e+02
2427	50	-4.5475e-13	-1.9102e+00	0.0000e+00	2.0555e+02	-1.8190e-12	-3.3860e+02
	51	4.5475e-13	1.9102e+00	0.0000e+00	-2.0555e+02	-1.8190e-12	-3.2999e+02
2428	49	0.0000e+00	-1.2168e+00	0.0000e+00	2.1688e+02	1.8190e-12	-2.6393e+02
	50	0.0000e+00	1.2168e+00	0.0000e+00	-2.1688e+02	1.8190e-12	-2.7144e+02
2429	48	2.2737e-13	-2.8136e+00	0.0000e+00	1.9518e+02	0.0000e+00	-3.9496e+02
	49	-2.2737e-13	2.8136e+00	0.0000e+00	-1.9518e+02	0.0000e+00	-3.9284e+02
2430	47	0.0000e+00	-1.2492e+00	0.0000e+00	2.0300e+02	0.0000e+00	-2.7724e+02
	48	0.0000e+00	1.2492e+00	0.0000e+00	-2.0300e+02	0.0000e+00	-2.7242e+02
2431	35	2.2737e-13	-1.8358e+00	-2.8422e-14	2.4848e+02	0.0000e+00	-3.8423e+02
	47	-2.2737e-13	1.8358e+00	2.8422e-14	-2.4848e+02	0.0000e+00	-3.5010e+02
2432	45	0.0000e+00	1.5772e+01	-2.8422e-14	5.7434e+02	0.0000e+00	3.0107e+03
	46	0.0000e+00	-1.5772e+01	2.8422e-14	-5.7434e+02	0.0000e+00	3.2982e+03
2433	44	0.0000e+00	1.0557e+01	1.4211e-14	5.6447e+02	7.2760e-12	2.2970e+03
	45	0.0000e+00	-1.0557e+01	-1.4211e-14	-5.6447e+02	3.6380e-12	2.3481e+03
2434	43	0.0000e+00	2.4477e+01	0.0000e+00	5.5596e+02	1.4552e-11	3.4300e+03
	44	0.0000e+00	-2.4477e+01	0.0000e+00	-5.5596e+02	0.0000e+00	3.4236e+03
2435	42	9.0949e-13	1.0773e+01	0.0000e+00	5.5708e+02	1.8190e-12	2.3942e+03
	43	-9.0949e-13	-1.0773e+01	0.0000e+00	-5.5708e+02	1.8190e-12	2.3459e+03
2436	65	0.0000e+00	-1.4345e+01	-2.8422e-14	4.9355e+02	0.0000e+00	-2.7384e+03
	66	0.0000e+00	1.4345e+01	2.8422e-14	-4.9355e+02	0.0000e+00	-2.9997e+03
2437	64	0.0000e+00	-9.3828e+00	0.0000e+00	4.6619e+02	0.0000e+00	-2.0424e+03
	65	0.0000e+00	9.3828e+00	0.0000e+00	-4.6619e+02	0.0000e+00	-2.0861e+03
2438	63	0.0000e+00	-2.1930e+01	0.0000e+00	4.6049e+02	-7.2760e-12	-3.0743e+03
	64	0.0000e+00	2.1930e+01	0.0000e+00	-4.6049e+02	-7.2760e-12	-3.0661e+03
2439	62	0.0000e+00	-9.7284e+00	0.0000e+00	4.7013e+02	3.6380e-12	-2.1605e+03
	63	0.0000e+00	9.7284e+00	0.0000e+00	-4.7013e+02	0.0000e+00	-2.1200e+03
2440	61	1.8190e-12	-1.4909e+01	0.0000e+00	4.6476e+02	1.8190e-12	-2.5826e+03
	62	-1.8190e-12	1.4909e+01	0.0000e+00	-4.6476e+02	1.8190e-12	-2.6355e+03
2441	41	0.0000e+00	1.6616e+01	0.0000e+00	5.5680e+02	0.0000e+00	2.8769e+03
	42	0.0000e+00	-1.6616e+01	0.0000e+00	-5.5680e+02	4.5475e-13	2.9386e+03
2442	40	0.0000e+00	1.6616e+01	0.0000e+00	5.5680e+02	-4.5475e-13	2.9386e+03
	41	0.0000e+00	-1.6616e+01	0.0000e+00	-5.5680e+02	0.0000e+00	2.8769e+03
2443	39	0.0000e+00	1.0773e+01	-1.4211e-14	5.5708e+02	0.0000e+00	2.3459e+03
	40	0.0000e+00	-1.0773e+01	1.4211e-14	-5.5708e+02	0.0000e+00	2.3942e+03
2444	38	0.0000e+00	2.4477e+01	0.0000e+00	5.5595e+02	7.2760e-12	3.4235e+03
	39	0.0000e+00	-2.4477e+01	0.0000e+00	-5.5595e+02	7.2760e-12	3.4299e+03
2445	37	0.0000e+00	1.0557e+01	0.0000e+00	5.6447e+02	0.0000e+00	2.3480e+03
	38	0.0000e+00	-1.0557e+01	0.0000e+00	-5.6447e+02	-3.6380e-12	2.2970e+03
2446	34	-9.0949e-13	1.5774e+01	0.0000e+00	5.7438e+02	0.0000e+00	3.2985e+03
	37	9.0949e-13	-1.5774e+01	0.0000e+00	-5.7438e+02	0.0000e+00	3.0110e+03
2447	60	0.0000e+00	-1.4909e+01	0.0000e+00	4.6476e+02	-2.2737e-12	-2.6355e+03
	61	0.0000e+00	1.4909e+01	0.0000e+00	-4.6476e+02	0.0000e+00	-2.5826e+03
2448	59	-9.0949e-13	-9.7285e+00	-7.1054e-15	4.7013e+02	0.0000e+00	-2.1200e+03
	60	9.0949e-13	9.7285e+00	7.1054e-15	-4.7013e+02	0.0000e+00	-2.1605e+03
2449	58	0.0000e+00	-2.1930e+01	5.6843e-14	4.6050e+02	0.0000e+00	-3.0661e+03
	59	0.0000e+00	2.1930e+01	-5.6843e-14	-4.6050e+02	0.0000e+00	-3.0743e+03
2450	57	0.0000e+00	-9.3842e+00	0.0000e+00	4.6622e+02	3.6380e-12	-2.0864e+03

	58	0.0000e+00	9.3842e+00	0.0000e+00	-4.6622e+02	0.0000e+00	-2.0426e+03
2451	36	0.0000e+00	-1.4341e+01	0.0000e+00	4.9342e+02	-7.2760e-12	-2.9989e+03
	57	0.0000e+00	1.4341e+01	0.0000e+00	-4.9342e+02	0.0000e+00	-2.7376e+03
2452	56	0.0000e+00	-1.2154e+02	0.0000e+00	1.8012e+03	0.0000e+00	-2.2378e+04
	46	0.0000e+00	1.2154e+02	0.0000e+00	-1.8012e+03	-1.3642e-12	-3.0615e+04
2453	66	0.0000e+00	-1.9971e+02	1.4211e-14	1.7495e+03	-1.8190e-12	-3.4723e+04
	56	0.0000e+00	1.9971e+02	-1.4211e-14	-1.7495e+03	-3.6380e-12	-2.5988e+04
2454	55	0.0000e+00	-9.5618e+01	3.5527e-15	1.3530e+03	-9.0949e-13	-1.7536e+04
	45	0.0000e+00	9.5618e+01	-3.5527e-15	-1.3530e+03	-9.0949e-13	-2.4154e+04
2455	65	0.0000e+00	-1.5738e+02	-1.4211e-14	1.2957e+03	0.0000e+00	-2.7417e+04
	55	0.0000e+00	1.5738e+02	1.4211e-14	-1.2957e+03	0.0000e+00	-2.0428e+04
2456	54	0.0000e+00	-6.7791e+01	7.1054e-15	1.2673e+03	0.0000e+00	-1.2457e+04
	44	0.0000e+00	6.7791e+01	-7.1054e-15	-1.2673e+03	0.0000e+00	-1.7099e+04
2457	64	0.0000e+00	-1.1081e+02	1.4211e-14	1.2101e+03	-1.8190e-12	-1.9306e+04
	54	0.0000e+00	1.1081e+02	-1.4211e-14	-1.2101e+03	-3.6380e-12	-1.4381e+04
2458	53	-3.6380e-12	-4.9781e+01	7.1054e-15	1.2714e+03	0.0000e+00	-9.1589e+03
	43	3.6380e-12	4.9781e+01	-7.1054e-15	-1.2714e+03	-4.5475e-13	-1.2546e+04
2459	63	0.0000e+00	-8.1080e+01	0.0000e+00	1.2246e+03	-3.6380e-12	-1.4125e+04
	53	0.0000e+00	8.1080e+01	0.0000e+00	-1.2246e+03	-1.8190e-12	-1.0523e+04
2460	52	0.0000e+00	-2.2220e+01	7.1054e-15	1.3570e+03	1.8190e-12	-4.0804e+03
	42	0.0000e+00	2.2220e+01	-7.1054e-15	-1.3570e+03	9.0949e-13	-5.6077e+03
2461	62	0.0000e+00	-3.6465e+01	-1.4211e-14	1.2971e+03	-1.8190e-12	-6.3509e+03
	52	0.0000e+00	3.6465e+01	1.4211e-14	-1.2971e+03	-1.8190e-12	-4.7344e+03
2462	51	1.6480e-18	-2.2890e-04	0.0000e+00	1.2713e+03	0.0000e+00	-4.8133e-02
	41	-1.6480e-18	2.2890e-04	0.0000e+00	-1.2713e+03	0.0000e+00	-5.1668e-02
2463	61	2.0633e-18	-1.4688e-05	0.0000e+00	1.2195e+03	-3.6380e-12	-9.9770e-03
	51	-2.0633e-18	1.4688e-05	0.0000e+00	-1.2195e+03	-3.6380e-12	5.5118e-03
2464	50	0.0000e+00	2.2220e+01	-3.5527e-15	1.3570e+03	0.0000e+00	4.0803e+03
	40	0.0000e+00	-2.2220e+01	3.5527e-15	-1.3570e+03	-4.5475e-13	5.6076e+03
2465	60	0.0000e+00	3.6465e+01	1.4211e-14	1.2971e+03	-3.6380e-12	6.3509e+03
	50	0.0000e+00	-3.6465e+01	-1.4211e-14	-1.2971e+03	-1.8190e-12	4.7344e+03
2466	49	0.0000e+00	4.9781e+01	3.5527e-15	1.2714e+03	9.0949e-13	9.1589e+03
	39	0.0000e+00	-4.9781e+01	-3.5527e-15	-1.2714e+03	0.0000e+00	1.2546e+04
2467	59	0.0000e+00	8.1080e+01	0.0000e+00	1.2246e+03	-3.6380e-12	1.4125e+04
	49	0.0000e+00	-8.1080e+01	0.0000e+00	-1.2246e+03	-1.8190e-12	1.0523e+04
2468	48	3.6380e-12	6.7791e+01	-3.5527e-15	1.2673e+03	0.0000e+00	1.2457e+04
	38	-3.6380e-12	-6.7791e+01	3.5527e-15	-1.2673e+03	0.0000e+00	1.7099e+04
2469	58	-7.2760e-12	1.1081e+02	0.0000e+00	1.2101e+03	0.0000e+00	1.9306e+04
	48	7.2760e-12	-1.1081e+02	0.0000e+00	-1.2101e+03	0.0000e+00	1.4381e+04
2470	47	7.2760e-12	9.5619e+01	0.0000e+00	1.3530e+03	-9.0949e-13	1.7536e+04
	37	-7.2760e-12	-9.5619e+01	0.0000e+00	-1.3530e+03	-9.0949e-13	2.4154e+04
2471	57	0.0000e+00	1.5738e+02	-1.4211e-14	1.2957e+03	0.0000e+00	2.7416e+04
	47	0.0000e+00	-1.5738e+02	1.4211e-14	-1.2957e+03	0.0000e+00	2.0427e+04
2472	35	0.0000e+00	1.2154e+02	-3.5527e-15	1.8011e+03	0.0000e+00	2.2377e+04
	34	0.0000e+00	-1.2154e+02	3.5527e-15	-1.8011e+03	-9.0949e-13	3.0614e+04
2473	36	0.0000e+00	1.9972e+02	0.0000e+00	1.7496e+03	-1.8190e-12	3.4725e+04
	35	0.0000e+00	-1.9972e+02	0.0000e+00	-1.7496e+03	0.0000e+00	2.5990e+04
2474	33	-1.8736e+02	1.8987e+02	-3.1038e+01	-2.0076e+03	8.3473e+03	4.5098e+04
	66	1.8736e+02	-1.8987e+02	3.1038e+01	2.0076e+03	4.7819e+03	3.5217e+04
2475	22	8.0002e+01	2.4067e+02	-2.9704e+00	-2.0076e+03	8.2039e+02	5.3189e+04
	56	-8.0002e+01	-2.4067e+02	2.9704e+00	2.0076e+03	4.3610e+02	4.8614e+04
2476	21	6.1177e+01	1.8536e+02	-3.9666e+00	-2.0076e+03	9.9313e+02	4.0491e+04
	55	-6.1177e+01	-1.8536e+02	3.9666e+00	2.0076e+03	6.8475e+02	3.7918e+04
2477	32	-1.5663e+02	1.4608e+02	-3.4866e+01	-2.0076e+03	8.5961e+03	3.4403e+04
	65	1.5663e+02	-1.4608e+02	3.4866e+01	2.0076e+03	6.1523e+03	2.7389e+04

2478	20	4.4587e+01	1.3121e+02	-4.1304e+00	-2.0076e+03	1.0226e+03	2.8669e+04
	54	-4.4587e+01	-1.3121e+02	4.1304e+00	2.0076e+03	7.2454e+02	2.6830e+04
2479	19	2.9701e+01	9.6432e+01	-3.9475e+00	-2.0076e+03	9.6613e+02	2.1087e+04
	53	-2.9701e+01	-9.6432e+01	3.9475e+00	2.0076e+03	7.0366e+02	1.9704e+04
2480	8	6.4363e+01	7.0277e+01	3.9652e+01	-2.0076e+03	-9.6798e+03	1.7180e+04
	43	-6.4363e+01	-7.0277e+01	-3.9652e+01	2.0076e+03	-7.0930e+03	1.2547e+04
2481	9	5.5812e+01	9.5851e+01	3.9127e+01	-2.0076e+03	-9.5172e+03	2.3454e+04
	44	-5.5812e+01	-9.5851e+01	-3.9127e+01	2.0076e+03	-7.0337e+03	1.7091e+04
2482	10	1.0749e+02	1.3576e+02	3.8441e+01	-2.0076e+03	-9.5026e+03	3.3281e+04
	45	-1.0749e+02	-1.3576e+02	-3.8441e+01	2.0076e+03	-6.7580e+03	2.4144e+04
2483	11	9.0882e+01	1.7692e+02	3.3485e+01	-2.0076e+03	-9.0185e+03	4.3646e+04
	46	-9.0882e+01	-1.7692e+02	-3.3485e+01	2.0076e+03	-5.1458e+03	3.1189e+04
2484	31	-9.6650e+01	1.0274e+02	-3.5185e+01	-2.0076e+03	8.5328e+03	2.4157e+04
	64	9.6650e+01	-1.0274e+02	3.5185e+01	2.0076e+03	6.3505e+03	1.9301e+04
2485	30	-9.1862e+01	7.5167e+01	-3.6031e+01	-2.0076e+03	8.7904e+03	1.7661e+04
	63	9.1862e+01	-7.5167e+01	3.6031e+01	2.0076e+03	6.4507e+03	1.4135e+04
2486	18	1.4938e+01	4.3050e+01	-3.8949e+00	-2.0076e+03	9.7759e+02	9.4065e+03
	52	-1.4938e+01	-4.3050e+01	3.8949e+00	2.0076e+03	6.6995e+02	8.8035e+03
2487	6	-7.9480e-03	2.9680e-04	3.9475e+01	-2.0076e+03	-9.6271e+03	7.3957e-02
	41	7.9480e-03	-2.9680e-04	-3.9475e+01	2.0076e+03	-7.0706e+03	5.1590e-02
2488	29	-3.0834e+01	3.3801e+01	-3.4721e+01	-2.0076e+03	8.5622e+03	7.9522e+03
	62	3.0834e+01	-3.3801e+01	3.4721e+01	2.0076e+03	6.1249e+03	6.3456e+03
2489	17	-2.0701e-04	2.0272e-04	-4.0220e+00	-2.0076e+03	9.8950e+02	4.3702e-02
	51	2.0701e-04	-2.0272e-04	4.0220e+00	2.0076e+03	7.1181e+02	4.2048e-02
2490	7	1.6777e+01	3.1477e+01	3.8312e+01	-2.0076e+03	-9.4704e+03	7.7074e+03
	42	-1.6777e+01	-3.1477e+01	-3.8312e+01	2.0076e+03	-6.7354e+03	5.6074e+03
2491	5	-1.6790e+01	-3.1477e+01	3.8312e+01	-2.0076e+03	-9.4704e+03	-7.7073e+03
	40	1.6790e+01	3.1477e+01	-3.8312e+01	2.0076e+03	-6.7354e+03	-5.6073e+03
2492	28	-4.0261e-03	5.3555e-05	-3.5744e+01	-2.0076e+03	8.7035e+03	1.2642e-02
	61	4.0261e-03	-5.3555e-05	3.5744e+01	2.0076e+03	6.4163e+03	1.0011e-02
2493	16	-1.4939e+01	-4.3049e+01	-3.8949e+00	-2.0076e+03	9.7758e+02	-9.4064e+03
	50	1.4939e+01	4.3049e+01	3.8949e+00	2.0076e+03	6.6995e+02	-8.8034e+03
2494	27	3.0825e+01	-3.3801e+01	-3.4721e+01	-2.0076e+03	8.5621e+03	-7.9522e+03
	60	-3.0825e+01	3.3801e+01	3.4721e+01	2.0076e+03	6.1249e+03	-6.3456e+03
2495	4	-6.4362e+01	-7.0277e+01	3.9652e+01	-2.0076e+03	-9.6797e+03	-1.7180e+04
	39	6.4362e+01	7.0277e+01	-3.9652e+01	2.0076e+03	-7.0929e+03	-1.2547e+04
2496	15	-2.9701e+01	-9.6432e+01	-3.9474e+00	-2.0076e+03	9.6612e+02	-2.1087e+04
	49	2.9701e+01	9.6432e+01	3.9474e+00	2.0076e+03	7.0365e+02	-1.9704e+04
2497	26	9.1848e+01	-7.5167e+01	-3.6031e+01	-2.0076e+03	8.7903e+03	-1.7661e+04
	59	-9.1848e+01	7.5167e+01	3.6031e+01	2.0076e+03	6.4506e+03	-1.4135e+04
2498	3	-5.5750e+01	-9.5851e+01	3.9127e+01	-2.0076e+03	-9.5171e+03	-2.3454e+04
	38	5.5750e+01	9.5851e+01	-3.9127e+01	2.0076e+03	-7.0336e+03	-1.7091e+04
2499	14	-4.4586e+01	-1.3121e+02	-4.1305e+00	-2.0076e+03	1.0226e+03	-2.8669e+04
	48	4.4586e+01	1.3121e+02	4.1305e+00	2.0076e+03	7.2457e+02	-2.6830e+04
2500	25	9.6630e+01	-1.0274e+02	-3.5186e+01	-2.0076e+03	8.5330e+03	-2.4157e+04
	58	-9.6630e+01	1.0274e+02	3.5186e+01	2.0076e+03	6.3506e+03	-1.9301e+04
2501	2	-1.0737e+02	-1.3576e+02	3.8443e+01	-2.0076e+03	-9.5029e+03	-3.3281e+04
	37	1.0737e+02	1.3576e+02	-3.8443e+01	2.0076e+03	-6.7583e+03	-2.4144e+04
2502	13	-6.1172e+01	-1.8536e+02	-3.9662e+00	-2.0076e+03	9.9309e+02	-4.0491e+04
	47	6.1172e+01	1.8536e+02	3.9662e+00	2.0076e+03	6.8460e+02	-3.7917e+04
2503	24	1.5689e+02	-1.4608e+02	-3.4864e+01	-2.0076e+03	8.5956e+03	-3.4403e+04
	57	-1.5689e+02	1.4608e+02	3.4864e+01	2.0076e+03	6.1517e+03	-2.7389e+04
2504	1	-9.1085e+01	-1.7691e+02	3.3491e+01	-2.0076e+03	-9.0198e+03	-4.3646e+04
	34	9.1085e+01	1.7691e+02	-3.3491e+01	2.0076e+03	-5.1468e+03	-3.1189e+04
2505	12	-8.0016e+01	-2.4067e+02	-2.9677e+00	-2.0076e+03	8.1960e+02	-5.3190e+04

	35	8.0016e+01	2.4067e+02	2.9677e+00	2.0076e+03	4.3574e+02	-4.8615e+04
2506	23	1.8685e+02	-1.8988e+02	-3.1031e+01	-2.0076e+03	8.3453e+03	-4.5099e+04
	36	-1.8685e+02	1.8988e+02	3.1031e+01	2.0076e+03	4.7808e+03	-3.5218e+04
654	1906	0.0000e+00	7.9055e+00	0.0000e+00	-1.3619e+03	0.0000e+00	-5.7978e+02
	1905	0.0000e+00	4.3316e+01	0.0000e+00	2.4161e+03	0.0000e+00	-1.3762e+02
655	1907	0.0000e+00	2.7715e-01	0.0000e+00	-7.4096e+02	0.0000e+00	1.0027e+02
	1906	0.0000e+00	-5.0910e+00	0.0000e+00	1.3619e+03	0.0000e+00	5.7978e+02
656	1908	0.0000e+00	3.9079e-01	0.0000e+00	-5.1950e+02	0.0000e+00	3.4756e+01
	1907	0.0000e+00	8.2198e-01	0.0000e+00	7.4096e+02	0.0000e+00	-1.0027e+02
657	1909	0.0000e+00	2.0609e-01	0.0000e+00	-3.3876e+02	0.0000e+00	7.3875e+00
	1908	0.0000e+00	5.8667e-01	0.0000e+00	5.1950e+02	0.0000e+00	-3.4756e+01
658	1910	0.0000e+00	3.4077e-02	0.0000e+00	-2.9901e+02	0.0000e+00	3.4035e+00
	1909	0.0000e+00	1.0216e-01	0.0000e+00	3.3876e+02	0.0000e+00	-7.3875e+00
659	1911	0.0000e+00	-1.0651e-01	0.0000e+00	-3.3819e+02	0.0000e+00	-7.6440e+00
	1910	0.0000e+00	-3.9061e-02	0.0000e+00	2.9882e+02	0.0000e+00	3.7148e+00
660	1912	0.0000e+00	-5.9571e-01	0.0000e+00	-5.1821e+02	0.0000e+00	-3.5181e+01
	1911	0.0000e+00	-2.1139e-01	0.0000e+00	3.3819e+02	0.0000e+00	7.6440e+00
661	1913	0.0000e+00	-8.3827e-01	0.0000e+00	-7.3897e+02	0.0000e+00	-1.0198e+02
	1912	0.0000e+00	-3.9717e-01	0.0000e+00	5.1821e+02	0.0000e+00	3.5181e+01
662	1914	0.0000e+00	5.1529e+00	0.0000e+00	-1.3581e+03	0.0000e+00	5.8618e+02
	1913	0.0000e+00	-2.8573e-01	0.0000e+00	7.3897e+02	0.0000e+00	1.0198e+02
663	1915	0.0000e+00	-4.3505e+01	0.0000e+00	-2.4092e+03	0.0000e+00	-1.3979e+02
	1914	0.0000e+00	-7.8976e+00	0.0000e+00	1.3581e+03	0.0000e+00	-5.8618e+02
664	1895	0.0000e+00	-5.0180e+00	0.0000e+00	1.4391e+03	0.0000e+00	3.2334e+02
	1894	0.0000e+00	-2.4576e+01	0.0000e+00	-6.0080e+02	0.0000e+00	5.2006e+01
665	1896	0.0000e+00	-2.0656e+00	0.0000e+00	2.9379e+02	0.0000e+00	-1.6228e+02
	1895	0.0000e+00	1.9578e+00	0.0000e+00	7.8750e+02	0.0000e+00	-2.8076e+02
666	1897	0.0000e+00	-2.1472e+00	0.0000e+00	-3.2467e+02	0.0000e+00	-1.5469e+02
	1896	0.0000e+00	-2.6559e+00	0.0000e+00	9.2704e+02	0.0000e+00	2.3267e+02
667	1898	0.0000e+00	-8.7663e-01	0.0000e+00	-6.7368e+02	0.0000e+00	-2.3548e+01
	1897	0.0000e+00	-2.5987e+00	0.0000e+00	1.2646e+03	0.0000e+00	1.7958e+02
668	1899	0.0000e+00	2.8952e-02	0.0000e+00	-8.4515e+02	0.0000e+00	1.9038e+01
	1898	0.0000e+00	-6.7433e-01	0.0000e+00	9.8926e+02	0.0000e+00	6.1114e+01
669	1900	0.0000e+00	6.6521e-01	0.0000e+00	-9.8880e+02	0.0000e+00	6.0488e+01
	1899	0.0000e+00	-3.7725e-02	0.0000e+00	8.4431e+02	0.0000e+00	1.9547e+01
670	1901	0.0000e+00	2.6005e+00	0.0000e+00	-1.2628e+03	0.0000e+00	1.7892e+02
	1900	0.0000e+00	8.7131e-01	0.0000e+00	6.7199e+02	0.0000e+00	-2.3112e+01
671	1902	0.0000e+00	2.6986e+00	0.0000e+00	-9.2628e+02	0.0000e+00	2.3741e+02
	1901	0.0000e+00	2.1477e+00	0.0000e+00	3.2430e+02	0.0000e+00	-1.5443e+02
672	1903	0.0000e+00	-2.1187e+00	0.0000e+00	-8.0104e+02	0.0000e+00	-2.9701e+02
	1902	0.0000e+00	2.0919e+00	0.0000e+00	-2.8255e+02	0.0000e+00	-1.6772e+02
673	1904	0.0000e+00	2.4732e+01	0.0000e+00	6.3157e+02	0.0000e+00	5.5460e+01
	1903	0.0000e+00	4.9072e+00	0.0000e+00	-1.4686e+03	0.0000e+00	3.3848e+02

SFORZI "V-y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-4.2777e+02	-8.7143e-19	-1.4594e-18	-5.1058e-01	0.0000e+00	0.0000e+00
	1923	4.2777e+02	8.7143e-19	1.4594e-18	5.1058e-01	0.0000e+00	0.0000e+00
2	1916	4.5206e+02	0.0000e+00	0.0000e+00	1.8892e-01	0.0000e+00	0.0000e+00
	1921	-4.5206e+02	0.0000e+00	0.0000e+00	-1.8892e-01	0.0000e+00	0.0000e+00
3	2085	-1.6557e+02	5.6435e-18	-1.1580e-18	-3.9720e-01	0.0000e+00	0.0000e+00
	1918	1.6557e+02	-5.6435e-18	1.1580e-18	3.9720e-01	0.0000e+00	0.0000e+00
4	2008	2.6535e+02	-3.5899e-17	1.3302e-18	-2.3118e-01	0.0000e+00	0.0000e+00
	2079	-2.6535e+02	3.5899e-17	-1.3302e-18	2.3118e-01	0.0000e+00	0.0000e+00
5	1919	-2.5958e+02	-6.8004e-18	6.5547e-19	8.8696e-01	0.0000e+00	0.0000e+00

	2056	2.5958e+02	6.8004e-18	-6.5547e-19	-8.8696e-01	0.0000e+00	0.0000e+00
6	2098	-6.7279e+02	8.4942e-18	5.5346e-18	4.2134e-01	0.0000e+00	0.0000e+00
	1937	6.7279e+02	-8.4942e-18	-5.5346e-18	-4.2134e-01	0.0000e+00	0.0000e+00
7	2042	-1.9635e+02	9.2478e-18	-1.0968e-18	-9.1771e-01	0.0000e+00	0.0000e+00
	2107	1.9635e+02	-9.2478e-18	1.0968e-18	9.1771e-01	0.0000e+00	0.0000e+00
8	1925	1.0304e+02	-4.6011e-18	6.2012e-19	-9.9658e-01	0.0000e+00	0.0000e+00
	2008	-1.0304e+02	4.6011e-18	-6.2012e-19	9.9658e-01	0.0000e+00	0.0000e+00
9	2109	7.2779e+01	-2.8655e-17	-8.4052e-19	-1.2101e+00	0.0000e+00	0.0000e+00
	2123	-7.2779e+01	2.8655e-17	8.4052e-19	1.2101e+00	0.0000e+00	0.0000e+00
10	2084	-1.5571e+01	-5.2790e-18	5.0944e-19	-9.9531e-01	0.0000e+00	0.0000e+00
	2106	1.5571e+01	5.2790e-18	-5.0944e-19	9.9531e-01	0.0000e+00	0.0000e+00
11	2083	1.3099e+02	1.5430e-17	-1.5797e-18	-1.1043e+00	0.0000e+00	0.0000e+00
	2078	-1.3099e+02	-1.5430e-17	1.5797e-18	1.1043e+00	0.0000e+00	0.0000e+00
12	2058	-7.4592e+01	3.5559e-18	-3.7164e-19	-1.1278e+00	0.0000e+00	0.0000e+00
	2077	7.4592e+01	-3.5559e-18	3.7164e-19	1.1278e+00	0.0000e+00	0.0000e+00
13	2041	8.4938e+01	-4.7412e-18	5.5235e-19	-9.6779e-01	0.0000e+00	0.0000e+00
	2055	-8.4938e+01	4.7412e-18	-5.5235e-19	9.6779e-01	0.0000e+00	0.0000e+00
14	2024	7.7409e+01	-3.3826e-17	-4.6215e-19	-1.1895e+00	0.0000e+00	0.0000e+00
	2038	-7.7409e+01	3.3826e-17	4.6215e-19	1.1895e+00	0.0000e+00	0.0000e+00
15	2007	1.8663e+02	-3.4951e-18	6.2410e-19	-8.9522e-01	0.0000e+00	0.0000e+00
	2021	-1.8663e+02	3.4951e-18	-6.2410e-19	8.9522e-01	0.0000e+00	0.0000e+00
16	1982	-6.9489e+02	-1.5646e-18	1.4707e-18	-6.3376e-01	0.0000e+00	0.0000e+00
	2012	6.9489e+02	1.5646e-18	-1.4707e-18	6.3376e-01	0.0000e+00	0.0000e+00
17	1985	1.8394e+01	0.0000e+00	0.0000e+00	3.7357e-01	0.0000e+00	0.0000e+00
	2010	-1.8394e+01	0.0000e+00	0.0000e+00	-3.7357e-01	0.0000e+00	0.0000e+00
18	1998	-4.7166e+02	3.4633e-18	-1.3500e-19	-5.1413e-02	0.0000e+00	0.0000e+00
	2007	4.7166e+02	-3.4633e-18	1.3500e-19	5.1413e-02	0.0000e+00	0.0000e+00
19	1995	8.1112e+00	-2.7462e-18	-9.3506e-19	-9.0477e-01	0.0000e+00	0.0000e+00
	2004	-8.1112e+00	2.7462e-18	9.3506e-19	9.0477e-01	0.0000e+00	0.0000e+00
20	1992	1.1553e+03	5.4970e-18	7.2190e-19	-6.8007e-01	0.0000e+00	0.0000e+00
	2001	-1.1553e+03	-5.4970e-18	-7.2190e-19	6.8007e-01	0.0000e+00	0.0000e+00
21	1989	8.4787e+02	-5.0755e-18	-1.5771e-18	4.7613e-01	0.0000e+00	0.0000e+00
	2000	-8.4787e+02	5.0755e-18	1.5771e-18	-4.7613e-01	0.0000e+00	0.0000e+00
22	1988	8.1381e+01	9.0407e-19	2.9081e-19	3.3257e-01	0.0000e+00	0.0000e+00
	1928	-8.1381e+01	-9.0407e-19	-2.9081e-19	-3.3257e-01	0.0000e+00	0.0000e+00
643	1905	-1.0546e+02	-1.1446e-13	1.9942e-13	4.1917e+01	0.0000e+00	0.0000e+00
	1960	1.0546e+02	1.1446e-13	-1.9942e-13	-4.1917e+01	0.0000e+00	0.0000e+00
644	1906	-3.5920e+02	-1.6580e-13	2.0011e-13	1.5995e+02	0.0000e+00	0.0000e+00
	1961	3.5920e+02	1.6580e-13	-2.0011e-13	-1.5995e+02	0.0000e+00	0.0000e+00
645	1907	-2.7123e+02	-1.6229e-13	2.0098e-13	1.3478e+02	0.0000e+00	0.0000e+00
	1962	2.7123e+02	1.6229e-13	-2.0098e-13	-1.3478e+02	0.0000e+00	0.0000e+00
646	1908	-2.6999e+02	-1.6481e-13	2.0152e-13	1.3448e+02	0.0000e+00	0.0000e+00
	1963	2.6999e+02	1.6481e-13	-2.0152e-13	-1.3448e+02	0.0000e+00	0.0000e+00
647	1909	-2.9967e+02	-1.7463e-13	2.0234e-13	1.5032e+02	0.0000e+00	0.0000e+00
	1964	2.9967e+02	1.7463e-13	-2.0234e-13	-1.5032e+02	0.0000e+00	0.0000e+00
648	1910	-2.5916e+02	-1.6223e-13	2.0291e-13	1.4856e+02	0.0000e+00	0.0000e+00
	1965	2.5916e+02	1.6223e-13	-2.0291e-13	-1.4856e+02	0.0000e+00	0.0000e+00
649	1911	-2.9979e+02	-1.7474e-13	2.0347e-13	1.7629e+02	0.0000e+00	0.0000e+00
	1966	2.9979e+02	1.7474e-13	-2.0347e-13	-1.7629e+02	0.0000e+00	0.0000e+00
650	1912	-2.7147e+02	-1.6187e-13	2.0402e-13	1.9609e+02	0.0000e+00	0.0000e+00
	1967	2.7147e+02	1.6187e-13	-2.0402e-13	-1.9609e+02	0.0000e+00	0.0000e+00
651	1913	-2.7280e+02	-1.6103e-13	2.0428e-13	2.2370e+02	0.0000e+00	0.0000e+00
	1968	2.7280e+02	1.6103e-13	-2.0428e-13	-2.2370e+02	0.0000e+00	0.0000e+00
652	1914	-4.6811e+02	-1.4609e-13	2.0451e-13	3.0188e+02	0.0000e+00	0.0000e+00
	1969	4.6811e+02	1.4609e-13	-2.0451e-13	-3.0188e+02	0.0000e+00	0.0000e+00

653	1915	-3.2449e+00	-1.4080e-13	2.0461e-13	1.8459e+02	0.0000e+00	0.0000e+00
	1970	3.2449e+00	1.4080e-13	-2.0461e-13	-1.8459e+02	0.0000e+00	0.0000e+00
237	2116	1.3622e+02	-7.3262e+02	-1.2459e+02	-5.9056e+02	7.6830e+03	-7.5999e+04
	2079	-1.3622e+02	7.3262e+02	1.0457e+02	5.9056e+02	3.7850e+03	2.6741e+03
238	1959	1.0837e+01	-9.4191e+02	-1.2928e+02	-1.2621e+02	9.4270e+03	-8.8735e+04
	2116	-1.0837e+01	9.4191e+02	1.2659e+02	1.2621e+02	-7.7046e+03	7.6054e+04
239	2110	-6.7937e+02	-1.2461e+03	-1.3571e+02	-5.8137e+02	7.9440e+03	-1.3089e+05
	1919	6.7937e+02	1.2461e+03	9.3677e+01	5.8137e+02	3.5355e+03	6.1769e+03
240	1958	-9.2330e+02	-1.6279e+03	-1.1264e+02	-1.0129e+02	9.4430e+03	-1.5274e+05
	2110	9.2330e+02	1.6279e+03	1.0698e+02	1.0129e+02	-7.9646e+03	1.3083e+05
241	2121	-3.8227e+02	-1.1529e+03	-1.2047e+02	-5.5739e+02	7.3048e+03	-1.2028e+05
	2120	3.8227e+02	1.1529e+03	8.4444e+01	5.5739e+02	2.9499e+03	4.8975e+03
242	1957	-5.9683e+02	-1.4921e+03	-1.2561e+02	-1.1590e+02	8.9835e+03	-1.4038e+05
	2121	5.9683e+02	1.4921e+03	1.2076e+02	1.1590e+02	-7.3251e+03	1.2029e+05
243	2104	-3.8275e+02	-1.1543e+03	-1.1538e+02	-5.4628e+02	7.0501e+03	-1.2050e+05
	2103	3.8275e+02	1.1543e+03	7.9350e+01	5.4628e+02	2.6948e+03	4.9657e+03
244	1956	-5.9739e+02	-1.4935e+03	-1.2981e+02	-1.2017e+02	8.7852e+03	-1.4061e+05
	2104	5.9739e+02	1.4935e+03	1.2496e+02	1.2017e+02	-7.0702e+03	1.2051e+05
245	2074	-4.1872e+02	-1.2628e+03	-1.1284e+02	-5.3544e+02	6.8447e+03	-1.3165e+05
	2072	4.1872e+02	1.2628e+03	7.3305e+01	5.3544e+02	2.4706e+03	5.2625e+03
246	1955	-6.5400e+02	-1.6350e+03	-1.3170e+02	-1.2174e+02	8.6018e+03	-1.5364e+05
	2074	6.5400e+02	1.6350e+03	1.2638e+02	1.2174e+02	-6.8645e+03	1.3163e+05
247	2073	-3.7284e+02	-1.1244e+03	-1.0953e+02	-5.3921e+02	6.7850e+03	-1.1772e+05
	2071	3.7284e+02	1.1244e+03	7.4495e+01	5.3921e+02	2.4239e+03	5.1788e+03
248	1954	-5.8165e+02	-1.4541e+03	-1.3323e+02	-1.2910e+02	8.5672e+03	-1.3733e+05
	2073	5.8165e+02	1.4541e+03	1.2852e+02	1.2910e+02	-6.8052e+03	1.1775e+05
249	2053	-4.1870e+02	-1.2627e+03	-1.1303e+02	-5.4058e+02	6.8670e+03	-1.3163e+05
	2052	4.1870e+02	1.2627e+03	7.3493e+01	5.4058e+02	2.4670e+03	5.2487e+03
250	1953	-6.5398e+02	-1.6349e+03	-1.2935e+02	-1.2552e+02	8.5927e+03	-1.5362e+05
	2053	6.5398e+02	1.6349e+03	1.2403e+02	1.2552e+02	-6.8871e+03	1.3160e+05
251	2036	-3.8217e+02	-1.1526e+03	-1.1604e+02	-5.5885e+02	7.1185e+03	-1.2024e+05
	2035	3.8217e+02	1.1526e+03	8.0009e+01	5.5885e+02	2.6924e+03	4.8830e+03
252	1952	-5.9671e+02	-1.4918e+03	-1.2394e+02	-1.2859e+02	8.7752e+03	-1.4033e+05
	2036	5.9671e+02	1.4918e+03	1.1909e+02	1.2859e+02	-7.1392e+03	1.2025e+05
253	2019	-3.8190e+02	-1.1518e+03	-1.2149e+02	-5.7556e+02	7.4262e+03	-1.2002e+05
	2018	3.8190e+02	1.1518e+03	8.5460e+01	5.7556e+02	2.9303e+03	4.7488e+03
254	1951	-5.9639e+02	-1.4910e+03	-1.1658e+02	-1.2672e+02	8.9843e+03	-1.4009e+05
	2019	5.9639e+02	1.4910e+03	1.1174e+02	1.2672e+02	-7.4474e+03	1.2002e+05
255	2002	-7.8119e+02	-1.1463e+03	-1.3732e+02	-6.1142e+02	8.2034e+03	-1.1697e+05
	2001	7.8119e+02	1.1463e+03	9.5283e+01	6.1142e+02	3.4367e+03	2.2427e+03
256	1950	-1.0189e+03	-1.5222e+03	-9.6704e+01	-1.1565e+02	9.4892e+03	-1.3745e+05
	2002	1.0189e+03	1.5222e+03	9.1049e+01	1.1565e+02	-8.2253e+03	1.1695e+05
257	1990	-2.5420e+02	-8.6376e+02	-9.4551e+01	-5.3182e+02	6.8985e+03	-9.1788e+04
	1989	2.5420e+02	8.6376e+02	7.4534e+01	5.3182e+02	1.5630e+03	5.3381e+03
258	1939	-3.8679e+02	-1.0493e+03	-1.2354e+02	-1.1487e+02	8.5632e+03	-1.0594e+05
	1990	3.8679e+02	1.0493e+03	1.2085e+02	1.1487e+02	-6.9181e+03	9.1810e+04
259	36	-1.7885e+03	-1.1145e-13	-2.7116e+02	1.0111e+00	2.7116e+03	0.0000e+00
	1939	1.7885e+03	1.1145e-13	2.7116e+02	-1.0111e+00	0.0000e+00	0.0000e+00
260	2110	1.9966e+00	-2.1800e+02	-9.1589e-16	5.4920e+01	0.0000e+00	0.0000e+00
	2116	-1.9966e+00	-2.1800e+02	9.1589e-16	-5.4920e+01	0.0000e+00	0.0000e+00
261	2121	-2.6733e+01	-2.3980e+02	8.5311e-17	-9.2722e+00	0.0000e+00	0.0000e+00
	2110	2.6733e+01	-2.3980e+02	-8.5311e-17	9.2722e+00	0.0000e+00	0.0000e+00
262	2104	-2.6448e+01	-1.5260e+02	0.0000e+00	6.1748e-01	0.0000e+00	0.0000e+00
	2121	2.6448e+01	-1.5260e+02	0.0000e+00	-6.1748e-01	0.0000e+00	0.0000e+00
263	2074	-1.6869e+01	-2.3980e+02	5.9093e-17	9.6994e+00	0.0000e+00	0.0000e+00

2104	1.6869e+01	-2.3980e+02	-5.9093e-17	-9.6994e+00	0.0000e+00	0.0000e+00
264	2073	-3.3263e+00	-1.9075e+02	-2.6583e-15	-1.6044e+01	0.0000e+00
	2074	3.3263e+00	-1.9075e+02	2.6583e-15	1.6044e+01	0.0000e+00
265	2053	1.5668e+01	-1.9075e+02	2.8916e-16	1.6128e+01	0.0000e+00
	2073	-1.5668e+01	-1.9075e+02	-2.8916e-16	-1.6128e+01	0.0000e+00
266	2036	2.6670e+01	-2.3980e+02	1.5360e-16	-1.0220e+01	0.0000e+00
	2053	-2.6670e+01	-2.3980e+02	-1.5360e-16	1.0220e+01	0.0000e+00
267	2019	2.9723e+01	-1.5260e+02	6.9603e-17	-7.8907e-02	0.0000e+00
	2036	-2.9723e+01	-1.5260e+02	-6.9603e-17	7.8907e-02	0.0000e+00
268	2002	1.9968e+01	-2.3980e+02	0.0000e+00	-4.9849e+00	0.0000e+00
	2019	-1.9968e+01	-2.3980e+02	0.0000e+00	4.9849e+00	0.0000e+00
269	1990	-2.6302e+01	-2.1800e+02	1.3820e-16	-2.2128e+01	0.0000e+00
	2002	2.6302e+01	-2.1800e+02	-1.3820e-16	2.2128e+01	0.0000e+00
270	77	0.0000e+00	3.1199e+01	0.0000e+00	-1.6354e+03	0.0000e+00
	1894	0.0000e+00	-3.1199e+01	0.0000e+00	1.6354e+03	0.0000e+00
271	11	0.0000e+00	2.4178e+00	0.0000e+00	-1.9361e+02	0.0000e+00
	77	0.0000e+00	-2.4178e+00	0.0000e+00	1.9361e+02	0.0000e+00
272	67	0.0000e+00	3.8833e+01	0.0000e+00	2.0780e+03	0.0000e+00
	1904	0.0000e+00	-3.8833e+01	0.0000e+00	-2.0780e+03	0.0000e+00
273	1	0.0000e+00	1.4101e+01	0.0000e+00	5.4296e+02	0.0000e+00
	67	0.0000e+00	-1.4101e+01	0.0000e+00	-5.4296e+02	0.0000e+00
274	72	0.0000e+00	5.0400e+01	0.0000e+00	1.5138e+01	0.0000e+00
	1899	0.0000e+00	-5.0400e+01	0.0000e+00	-1.5138e+01	0.0000e+00
275	6	0.0000e+00	-4.5419e+00	0.0000e+00	2.2432e+02	0.0000e+00
	72	0.0000e+00	4.5419e+00	0.0000e+00	-2.2432e+02	0.0000e+00
276	76	0.0000e+00	4.3662e+01	0.0000e+00	3.2300e+00	0.0000e+00
	1895	0.0000e+00	-4.3662e+01	0.0000e+00	-3.2300e+00	0.0000e+00
277	10	0.0000e+00	1.0736e+00	0.0000e+00	1.2604e+02	0.0000e+00
	76	0.0000e+00	-1.0736e+00	0.0000e+00	-1.2604e+02	0.0000e+00
278	75	0.0000e+00	5.1695e+01	0.0000e+00	3.5952e+02	0.0000e+00
	1896	0.0000e+00	-5.1695e+01	0.0000e+00	-3.5952e+02	0.0000e+00
279	9	0.0000e+00	-7.6242e+00	0.0000e+00	-7.1498e+01	0.0000e+00
	75	0.0000e+00	7.6242e+00	0.0000e+00	7.1498e+01	0.0000e+00
280	74	0.0000e+00	5.2017e+01	0.0000e+00	-2.3177e+02	0.0000e+00
	1897	0.0000e+00	-5.2017e+01	0.0000e+00	2.3177e+02	0.0000e+00
281	8	0.0000e+00	-5.4899e+00	0.0000e+00	4.4851e+02	0.0000e+00
	74	0.0000e+00	5.4899e+00	0.0000e+00	-4.4851e+02	0.0000e+00
282	73	0.0000e+00	4.9590e+01	0.0000e+00	1.4162e+02	0.0000e+00
	1898	0.0000e+00	-4.9590e+01	0.0000e+00	-1.4162e+02	0.0000e+00
283	7	0.0000e+00	-1.6437e+00	0.0000e+00	9.1844e+01	0.0000e+00
	73	0.0000e+00	1.6437e+00	0.0000e+00	-9.1844e+01	0.0000e+00
284	71	0.0000e+00	5.1649e+01	0.0000e+00	-1.9478e+02	0.0000e+00
	1900	0.0000e+00	-5.1649e+01	0.0000e+00	1.9478e+02	0.0000e+00
285	5	0.0000e+00	-3.6592e-01	0.0000e+00	3.8706e+02	0.0000e+00
	71	0.0000e+00	3.6592e-01	0.0000e+00	-3.8706e+02	0.0000e+00
286	70	0.0000e+00	5.2397e+01	0.0000e+00	2.3917e+02	0.0000e+00
	1901	0.0000e+00	-5.2397e+01	0.0000e+00	-2.3917e+02	0.0000e+00
287	4	0.0000e+00	-5.5913e+00	0.0000e+00	-5.3480e+00	0.0000e+00
	70	0.0000e+00	5.5913e+00	0.0000e+00	5.3480e+00	0.0000e+00
288	69	0.0000e+00	5.3075e+01	0.0000e+00	-3.3712e+02	0.0000e+00
	1902	0.0000e+00	-5.3075e+01	0.0000e+00	3.3712e+02	0.0000e+00
289	3	0.0000e+00	-2.7093e+00	0.0000e+00	5.4194e+02	0.0000e+00
	69	0.0000e+00	2.7093e+00	0.0000e+00	-5.4194e+02	0.0000e+00
290	68	0.0000e+00	3.6613e+01	0.0000e+00	8.2193e+01	0.0000e+00
	1903	0.0000e+00	-3.6613e+01	0.0000e+00	-8.2193e+01	0.0000e+00

291	2	0.0000e+00	2.1213e+00	0.0000e+00	1.8230e+02	0.0000e+00	1.8127e+03
	68	0.0000e+00	-2.1213e+00	0.0000e+00	-1.8230e+02	0.0000e+00	-1.7172e+03
292	57	-2.5358e+03	-1.1557e-13	-2.7137e+02	1.2616e+00	2.7137e+03	0.0000e+00
	1950	2.5358e+03	1.1557e-13	2.7137e+02	-1.2616e+00	0.0000e+00	0.0000e+00
293	34	-2.2056e+03	5.5961e-15	-1.6803e+02	1.9598e-01	2.1844e+03	0.0000e+00
	1938	2.2056e+03	-5.5961e-15	1.6803e+02	-1.9598e-01	0.0000e+00	0.0000e+00
294	37	-2.6237e+03	2.6986e-15	-1.6737e+02	2.2746e-01	2.1758e+03	0.0000e+00
	1940	2.6237e+03	-2.6986e-15	1.6737e+02	-2.2746e-01	0.0000e+00	0.0000e+00
295	38	-2.7385e+03	3.6744e-15	-1.6651e+02	2.4717e-01	2.1647e+03	0.0000e+00
	1941	2.7385e+03	-3.6744e-15	1.6651e+02	-2.4717e-01	0.0000e+00	0.0000e+00
296	39	-2.7573e+03	3.7632e-15	-1.6617e+02	2.4807e-01	2.1602e+03	0.0000e+00
	1942	2.7573e+03	-3.7632e-15	1.6617e+02	-2.4807e-01	0.0000e+00	0.0000e+00
297	40	-2.9743e+03	3.6526e-15	-1.6586e+02	2.3703e-01	2.1562e+03	0.0000e+00
	1943	2.9743e+03	-3.6526e-15	1.6586e+02	-2.3703e-01	0.0000e+00	0.0000e+00
298	41	-2.7726e+03	4.2994e-15	-1.6582e+02	2.4885e-01	2.1556e+03	0.0000e+00
	1944	2.7726e+03	-4.2994e-15	1.6582e+02	-2.4885e-01	0.0000e+00	0.0000e+00
299	42	-2.9748e+03	3.5513e-15	-1.6600e+02	2.3025e-01	2.1579e+03	0.0000e+00
	1945	2.9748e+03	-3.5513e-15	1.6600e+02	-2.3025e-01	0.0000e+00	0.0000e+00
300	43	-2.8058e+03	3.9342e-15	-1.6646e+02	2.3224e-01	2.1639e+03	0.0000e+00
	1946	2.8058e+03	-3.9342e-15	1.6646e+02	-2.3224e-01	0.0000e+00	0.0000e+00
301	44	-2.7658e+03	3.5378e-15	-1.6696e+02	2.2494e-01	2.1705e+03	0.0000e+00
	1947	2.7658e+03	-3.5378e-15	1.6696e+02	-2.2494e-01	0.0000e+00	0.0000e+00
302	45	-2.8855e+03	1.9892e-15	-1.6810e+02	1.9239e-01	2.1853e+03	0.0000e+00
	1948	2.8855e+03	-1.9892e-15	1.6810e+02	-1.9239e-01	0.0000e+00	0.0000e+00
303	46	-1.8378e+03	4.0607e-15	-1.6862e+02	2.1968e-01	2.1920e+03	0.0000e+00
	1949	1.8378e+03	-4.0607e-15	1.6862e+02	-2.1968e-01	0.0000e+00	0.0000e+00
304	66	-1.6263e+03	-8.8189e-14	-2.6956e+02	1.1234e+00	2.6956e+03	0.0000e+00
	1959	1.6263e+03	8.8189e-14	2.6956e+02	-1.1234e+00	0.0000e+00	0.0000e+00
305	65	-2.7046e+03	-1.2919e-13	-2.7031e+02	1.2202e+00	2.7031e+03	0.0000e+00
	1958	2.7046e+03	1.2919e-13	2.7031e+02	-1.2202e+00	0.0000e+00	0.0000e+00
306	64	-2.5130e+03	-1.2642e-13	-2.7006e+02	1.1938e+00	2.7006e+03	0.0000e+00
	1957	2.5130e+03	1.2642e-13	2.7006e+02	-1.1938e+00	0.0000e+00	0.0000e+00
307	63	-2.5157e+03	-1.2850e-13	-2.6988e+02	1.1982e+00	2.6988e+03	0.0000e+00
	1956	2.5157e+03	1.2850e-13	2.6988e+02	-1.1982e+00	0.0000e+00	0.0000e+00
308	62	-2.7529e+03	-1.3668e-13	-2.6973e+02	1.2237e+00	2.6973e+03	0.0000e+00
	1955	2.7529e+03	1.3668e-13	2.6973e+02	-1.2237e+00	0.0000e+00	0.0000e+00
309	61	-2.4515e+03	-1.2724e-13	-2.6981e+02	1.2066e+00	2.6981e+03	0.0000e+00
	1954	2.4515e+03	1.2724e-13	2.6981e+02	-1.2066e+00	0.0000e+00	0.0000e+00
310	60	-2.7527e+03	-1.3715e-13	-2.6998e+02	1.2336e+00	2.6998e+03	0.0000e+00
	1953	2.7527e+03	1.3715e-13	2.6998e+02	-1.2336e+00	0.0000e+00	0.0000e+00
311	59	-2.5124e+03	-1.2723e-13	-2.7049e+02	1.2208e+00	2.7049e+03	0.0000e+00
	1952	2.5124e+03	1.2723e-13	2.7049e+02	-1.2208e+00	0.0000e+00	0.0000e+00
312	58	-2.5102e+03	-1.2666e-13	-2.7083e+02	1.2246e+00	2.7083e+03	0.0000e+00
	1951	2.5102e+03	1.2666e-13	2.7083e+02	-1.2246e+00	0.0000e+00	0.0000e+00
313	1936	5.4689e+02	-2.1800e+02	-8.6296e-16	-1.5386e+01	0.0000e+00	0.0000e+00
	1937	-5.4689e+02	-2.1800e+02	8.6296e-16	1.5386e+01	0.0000e+00	0.0000e+00
314	1935	4.8994e+02	-2.3980e+02	5.2299e-17	3.9604e+00	0.0000e+00	0.0000e+00
	1936	-4.8994e+02	-2.3980e+02	-5.2299e-17	-3.9604e+00	0.0000e+00	0.0000e+00
315	1934	4.3641e+02	-1.5260e+02	0.0000e+00	2.9241e-01	0.0000e+00	0.0000e+00
	1935	-4.3641e+02	-1.5260e+02	0.0000e+00	-2.9241e-01	0.0000e+00	0.0000e+00
316	1933	3.8363e+02	-2.3980e+02	5.6077e-17	-2.4116e+00	0.0000e+00	0.0000e+00
	1934	-3.8363e+02	-2.3980e+02	-5.6077e-17	2.4116e+00	0.0000e+00	0.0000e+00
317	1932	3.3081e+02	-1.9075e+02	-1.1192e-15	3.0353e+00	0.0000e+00	0.0000e+00
	1933	-3.3081e+02	-1.9075e+02	1.1192e-15	-3.0353e+00	0.0000e+00	0.0000e+00
318	1931	2.8145e+02	-1.9075e+02	2.9044e-16	-2.9272e+00	0.0000e+00	0.0000e+00

	1932	-2.8145e+02	-1.9075e+02	-2.9044e-16	2.9272e+00	0.0000e+00	0.0000e+00
319	1930	2.3190e+02	-2.3980e+02	1.5116e-16	2.1251e+00	0.0000e+00	0.0000e+00
	1931	-2.3190e+02	-2.3980e+02	-1.5116e-16	-2.1251e+00	0.0000e+00	0.0000e+00
320	1929	1.8686e+02	-1.5260e+02	5.9465e-17	2.6409e-01	0.0000e+00	0.0000e+00
	1930	-1.8686e+02	-1.5260e+02	-5.9465e-17	-2.6409e-01	0.0000e+00	0.0000e+00
321	1928	1.4439e+02	-2.3980e+02	0.0000e+00	-2.4431e+00	0.0000e+00	0.0000e+00
	1929	-1.4439e+02	-2.3980e+02	0.0000e+00	2.4431e+00	0.0000e+00	0.0000e+00
322	1927	3.2106e+01	-2.1800e+02	3.7743e-17	1.1091e+01	0.0000e+00	0.0000e+00
	1928	-3.2106e+01	-2.1800e+02	-3.7743e-17	-1.1091e+01	0.0000e+00	0.0000e+00
323	1937	4.3044e+02	1.5633e+02	-5.4715e+01	-1.8826e-01	1.1767e-02	-1.5009e+01
	1960	-4.3044e+02	-1.5633e+02	4.0275e+01	1.8826e-01	3.4292e+03	1.1302e+04
324	1936	2.7265e+02	3.6776e+02	-5.6953e+01	1.9611e-12	-3.1378e-11	1.9346e+01
	1961	-2.7265e+02	-3.6776e+02	2.6628e+01	-1.9611e-12	3.0173e+03	2.6533e+04
325	1935	2.3370e+02	3.1522e+02	-5.3529e+01	4.0501e-13	7.9581e-12	-3.6680e+00
	1962	-2.3370e+02	-3.1522e+02	2.7537e+01	-4.0501e-13	2.9265e+03	2.2763e+04
326	1934	2.3370e+02	3.1522e+02	-5.2778e+01	-2.0606e-13	-2.0691e-11	-2.7040e+00
	1963	-2.3370e+02	-3.1522e+02	2.6785e+01	2.0606e-13	2.8723e+03	2.2762e+04
327	1933	2.5642e+02	3.4587e+02	-5.2822e+01	-1.5604e-11	-3.4447e-11	5.4469e+00
	1964	-2.5642e+02	-3.4587e+02	2.4303e+01	1.5604e-11	2.7843e+03	2.4966e+04
328	1932	2.2721e+02	3.0646e+02	-4.9364e+01	2.2595e-12	2.5125e-11	-5.9626e+00
	1965	-2.2721e+02	-3.0646e+02	2.4093e+01	-2.2595e-12	2.6519e+03	2.2133e+04
329	1931	2.5642e+02	3.4587e+02	-4.9543e+01	1.1212e-11	1.7621e-11	5.0523e+00
	1966	-2.5642e+02	-3.4587e+02	2.1023e+01	-1.1212e-11	2.5475e+03	2.4967e+04
330	1930	2.3370e+02	3.1522e+02	-4.5047e+01	2.1458e-12	-5.9117e-12	-1.8610e+00
	1967	-2.3370e+02	-3.1522e+02	1.9054e+01	-2.1458e-12	2.3141e+03	2.2761e+04
331	1929	2.3370e+02	3.1522e+02	-4.2468e+01	1.6627e-12	2.4215e-11	-2.7072e+00
	1968	-2.3370e+02	-3.1522e+02	1.6476e+01	-1.6627e-12	2.1279e+03	2.2762e+04
332	1928	2.3628e+02	3.7003e+02	-3.9512e+01	-1.4860e-01	9.2879e-03	1.3832e+01
	1969	-2.3628e+02	-3.7003e+02	9.1880e+00	1.4860e-01	1.7581e+03	2.6703e+04
333	1927	1.2983e+02	1.7512e+02	-3.2106e+01	1.9611e-12	-4.6612e-12	-1.1091e+01
	1970	-1.2983e+02	-1.7512e+02	1.7666e+01	-1.9611e-12	1.7968e+03	1.2655e+04
334	2089	-6.7937e+01	-1.9075e+02	2.6730e-17	1.8687e+01	0.0000e+00	0.0000e+00
	2090	6.7937e+01	-1.9075e+02	-2.6730e-17	-1.8687e+01	0.0000e+00	0.0000e+00
335	2083	-1.9001e+02	-1.9075e+02	-4.1930e-17	1.6591e+01	0.0000e+00	0.0000e+00
	2084	1.9001e+02	-1.9075e+02	4.1930e-17	-1.6591e+01	0.0000e+00	0.0000e+00
336	2081	-1.1287e+02	-1.9075e+02	-4.8103e-17	6.0059e+00	0.0000e+00	0.0000e+00
	2082	1.1287e+02	-1.9075e+02	4.8103e-17	-6.0059e+00	0.0000e+00	0.0000e+00
337	2055	-1.5839e+02	-1.9075e+02	4.7709e-17	7.4700e+00	0.0000e+00	0.0000e+00
	2077	1.5839e+02	-1.9075e+02	-4.7709e-17	-7.4700e+00	0.0000e+00	0.0000e+00
338	2077	-1.6232e+02	-1.9075e+02	-4.7316e-17	-7.4139e+00	0.0000e+00	0.0000e+00
	2078	1.6232e+02	-1.9075e+02	4.7316e-17	7.4139e+00	0.0000e+00	0.0000e+00
339	2075	-8.6387e+01	-1.9075e+02	-5.8373e-17	-1.8348e+01	0.0000e+00	0.0000e+00
	2076	8.6387e+01	-1.9075e+02	5.8373e-17	1.8348e+01	0.0000e+00	0.0000e+00
340	2071	-7.7369e+01	-1.9075e+02	-9.3563e-17	-2.2750e+01	0.0000e+00	0.0000e+00
	2072	7.7369e+01	-1.9075e+02	9.3563e-17	2.2750e+01	0.0000e+00	0.0000e+00
341	2087	-7.5209e+01	-1.9075e+02	-1.6628e-17	2.1663e+01	0.0000e+00	0.0000e+00
	2088	7.5209e+01	-1.9075e+02	1.6628e-17	-2.1663e+01	0.0000e+00	0.0000e+00
342	2090	-1.3960e+02	-2.3980e+02	-3.7958e-17	-1.1435e+01	0.0000e+00	0.0000e+00
	2112	1.3960e+02	-2.3980e+02	3.7958e-17	1.1435e+01	0.0000e+00	0.0000e+00
343	2088	-7.3769e+01	-2.3980e+02	4.7016e-17	-1.3413e+01	0.0000e+00	0.0000e+00
	2111	7.3769e+01	-2.3980e+02	-4.7016e-17	1.3413e+01	0.0000e+00	0.0000e+00
344	2084	-1.0522e+02	-2.3980e+02	9.6680e-17	-1.0224e+01	0.0000e+00	0.0000e+00
	2109	1.0522e+02	-2.3980e+02	-9.6680e-17	1.0224e+01	0.0000e+00	0.0000e+00
345	2082	-7.8655e+01	-2.3980e+02	1.0866e-16	-3.5763e+00	0.0000e+00	0.0000e+00
	2108	7.8655e+01	-2.3980e+02	-1.0866e-16	3.5763e+00	0.0000e+00	0.0000e+00

346	2078	1.0375e+01	-2.3980e+02	1.0735e-16	4.7582e+00	0.0000e+00	0.0000e+00
	2106	-1.0375e+01	-2.3980e+02	-1.0735e-16	-4.7582e+00	0.0000e+00	0.0000e+00
347	2076	-6.7141e+01	-2.3980e+02	1.2925e-16	1.1467e+01	0.0000e+00	0.0000e+00
	2105	6.7141e+01	-2.3980e+02	-1.2925e-16	-1.1467e+01	0.0000e+00	0.0000e+00
348	2072	-1.3307e+02	-2.3980e+02	1.9805e-16	1.4057e+01	0.0000e+00	0.0000e+00
	2103	1.3307e+02	-2.3980e+02	-1.9805e-16	-1.4057e+01	0.0000e+00	0.0000e+00
349	2103	-1.9879e+02	-1.5260e+02	0.0000e+00	7.8566e-01	0.0000e+00	0.0000e+00
	2120	1.9879e+02	-1.5260e+02	0.0000e+00	-7.8566e-01	0.0000e+00	0.0000e+00
350	2105	-5.0964e+01	-1.5260e+02	0.0000e+00	7.7962e-01	0.0000e+00	0.0000e+00
	2122	5.0964e+01	-1.5260e+02	0.0000e+00	-7.7962e-01	0.0000e+00	0.0000e+00
351	2106	5.6575e+01	-1.5260e+02	0.0000e+00	6.0013e-01	0.0000e+00	0.0000e+00
	2123	-5.6575e+01	-1.5260e+02	0.0000e+00	-6.0013e-01	0.0000e+00	0.0000e+00
352	2108	-5.0719e+01	-1.5260e+02	0.0000e+00	7.0432e-02	0.0000e+00	0.0000e+00
	2125	5.0719e+01	-1.5260e+02	0.0000e+00	-7.0432e-02	0.0000e+00	0.0000e+00
353	2109	-9.8982e+01	-1.5260e+02	0.0000e+00	-6.3198e-01	0.0000e+00	0.0000e+00
	1925	9.8982e+01	-1.5260e+02	0.0000e+00	6.3198e-01	0.0000e+00	0.0000e+00
354	2111	-6.9279e+01	-1.5260e+02	0.0000e+00	-8.9414e-01	0.0000e+00	0.0000e+00
	1983	6.9279e+01	-1.5260e+02	0.0000e+00	8.9414e-01	0.0000e+00	0.0000e+00
355	2112	-2.2209e+02	-1.5260e+02	0.0000e+00	-8.8747e-02	0.0000e+00	0.0000e+00
	2005	2.2209e+02	-1.5260e+02	0.0000e+00	8.8747e-02	0.0000e+00	0.0000e+00
356	2085	-2.6435e+02	-2.1800e+02	9.8232e-17	-6.4844e+01	0.0000e+00	0.0000e+00
	1921	2.6435e+02	-2.1800e+02	-9.8232e-17	6.4844e+01	0.0000e+00	0.0000e+00
357	1983	-5.7634e+01	-2.3980e+02	1.0996e-16	1.4142e+01	0.0000e+00	0.0000e+00
	2059	5.7634e+01	-2.3980e+02	-1.0996e-16	-1.4142e+01	0.0000e+00	0.0000e+00
358	2005	-3.1190e+02	-2.3980e+02	1.9617e-16	1.3221e+01	0.0000e+00	0.0000e+00
	2085	3.1190e+02	-2.3980e+02	-1.9617e-16	-1.3221e+01	0.0000e+00	0.0000e+00
359	1925	-1.3019e+02	-2.3980e+02	6.4421e-17	1.0227e+01	0.0000e+00	0.0000e+00
	2042	1.3019e+02	-2.3980e+02	-6.4421e-17	-1.0227e+01	0.0000e+00	0.0000e+00
360	2125	-2.4287e+01	-2.3980e+02	5.6125e-17	2.9558e+00	0.0000e+00	0.0000e+00
	2025	2.4287e+01	-2.3980e+02	-5.6125e-17	-2.9558e+00	0.0000e+00	0.0000e+00
361	2123	1.7827e+02	-2.3980e+02	6.0509e-17	-5.7406e+00	0.0000e+00	0.0000e+00
	2008	-1.7827e+02	-2.3980e+02	-6.0509e-17	5.7406e+00	0.0000e+00	0.0000e+00
362	2122	-3.2575e+01	-2.3980e+02	4.2498e-17	-1.2031e+01	0.0000e+00	0.0000e+00
	1996	3.2575e+01	-2.3980e+02	-4.2498e-17	1.2031e+01	0.0000e+00	0.0000e+00
363	2120	-2.7264e+02	-2.3980e+02	-1.9887e-17	-1.3796e+01	0.0000e+00	0.0000e+00
	1919	2.7264e+02	-2.3980e+02	1.9887e-17	1.3796e+01	0.0000e+00	0.0000e+00
364	2059	-2.1477e+01	-2.1800e+02	-1.7406e-16	-7.8210e+01	0.0000e+00	0.0000e+00
	1920	2.1477e+01	-2.1800e+02	1.7406e-16	7.8210e+01	0.0000e+00	0.0000e+00
365	2042	1.0445e+02	-2.1800e+02	-3.3145e-16	-5.8372e+01	0.0000e+00	0.0000e+00
	1918	-1.0445e+02	-2.1800e+02	3.3145e-16	5.8372e+01	0.0000e+00	0.0000e+00
366	2025	4.3544e+00	-2.1800e+02	-3.6433e-16	-1.8051e+01	0.0000e+00	0.0000e+00
	1917	-4.3544e+00	-2.1800e+02	3.6433e-16	1.8051e+01	0.0000e+00	0.0000e+00
367	2008	1.1175e+02	-2.1800e+02	-3.5797e-16	2.9926e+01	0.0000e+00	0.0000e+00
	2107	-1.1175e+02	-2.1800e+02	3.5797e-16	-2.9926e+01	0.0000e+00	0.0000e+00
368	1996	-5.2073e+00	-2.1800e+02	-4.2263e-16	6.6570e+01	0.0000e+00	0.0000e+00
	2080	5.2073e+00	-2.1800e+02	4.2263e-16	-6.6570e+01	0.0000e+00	0.0000e+00
369	1919	-1.2681e+02	-2.1800e+02	-6.2909e-16	7.9367e+01	0.0000e+00	0.0000e+00
	2079	1.2681e+02	-2.1800e+02	6.2909e-16	-7.9367e+01	0.0000e+00	0.0000e+00
370	2097	4.8699e+01	-2.1800e+02	-9.7720e-16	-7.4170e+00	0.0000e+00	0.0000e+00
	2039	-4.8699e+01	-2.1800e+02	9.7720e-16	7.4170e+00	0.0000e+00	0.0000e+00
371	2098	3.2143e+02	-2.1800e+02	-1.0084e-15	1.3224e+01	0.0000e+00	0.0000e+00
	2056	-3.2143e+02	-2.1800e+02	1.0084e-15	-1.3224e+01	0.0000e+00	0.0000e+00
372	2119	-1.8792e+02	-2.3980e+02	-1.3225e-16	-1.7627e+00	0.0000e+00	0.0000e+00
	2098	1.8792e+02	-2.3980e+02	1.3225e-16	1.7627e+00	0.0000e+00	0.0000e+00
373	2118	5.0774e+01	-2.3980e+02	-1.1516e-16	2.2183e+00	0.0000e+00	0.0000e+00

	2097	-5.0774e+01	-2.3980e+02	1.1516e-16	-2.2183e+00	0.0000e+00	0.0000e+00
374	2102	-1.0497e+02	-1.5260e+02	0.0000e+00	3.9360e-01	0.0000e+00	0.0000e+00
	2119	1.0497e+02	-1.5260e+02	0.0000e+00	-3.9360e-01	0.0000e+00	0.0000e+00
375	2101	6.2697e+01	-1.5260e+02	0.0000e+00	2.9561e-01	0.0000e+00	0.0000e+00
	2118	-6.2697e+01	-1.5260e+02	0.0000e+00	-2.9561e-01	0.0000e+00	0.0000e+00
376	2070	-2.7440e+01	-2.3980e+02	3.2487e-16	2.0895e+00	0.0000e+00	0.0000e+00
	2102	2.7440e+01	-2.3980e+02	-3.2487e-16	-2.0895e+00	0.0000e+00	0.0000e+00
377	2068	7.4911e+01	-2.3980e+02	3.1226e-16	-1.3433e+00	0.0000e+00	0.0000e+00
	2101	-7.4911e+01	-2.3980e+02	-3.1226e-16	1.3433e+00	0.0000e+00	0.0000e+00
378	2069	4.3818e+01	-1.9075e+02	-1.6068e-16	-4.0814e+00	0.0000e+00	0.0000e+00
	2070	-4.3818e+01	-1.9075e+02	1.6068e-16	4.0814e+00	0.0000e+00	0.0000e+00
379	2067	8.1372e+01	-1.9075e+02	-1.5691e-16	1.3160e+00	0.0000e+00	0.0000e+00
	2068	-8.1372e+01	-1.9075e+02	1.5691e-16	-1.3160e+00	0.0000e+00	0.0000e+00
380	2022	1.0059e+02	-2.1800e+02	1.5565e-16	4.6429e+00	0.0000e+00	0.0000e+00
	1926	-1.0059e+02	-2.1800e+02	-1.5565e-16	-4.6429e+00	0.0000e+00	0.0000e+00
381	1993	4.4308e+01	-2.1800e+02	1.7930e-16	2.8944e+00	0.0000e+00	0.0000e+00
	1924	-4.4308e+01	-2.1800e+02	-1.7930e-16	-2.8944e+00	0.0000e+00	0.0000e+00
382	1916	2.3354e+02	-2.1800e+02	2.1381e-16	-1.1669e+00	0.0000e+00	0.0000e+00
	1923	-2.3354e+02	-2.1800e+02	-2.1381e-16	1.1669e+00	0.0000e+00	0.0000e+00
383	2086	1.6637e+01	-2.1800e+02	2.3704e-16	-2.0697e+01	0.0000e+00	0.0000e+00
	1922	-1.6637e+01	-2.1800e+02	-2.3704e-16	2.0697e+01	0.0000e+00	0.0000e+00
384	2065	-2.0601e+02	-2.3980e+02	2.4473e-16	-5.0990e+00	0.0000e+00	0.0000e+00
	2022	2.0601e+02	-2.3980e+02	-2.4473e-16	5.0990e+00	0.0000e+00	0.0000e+00
385	2048	5.7067e+01	-2.3980e+02	2.7363e-16	-9.9739e-01	0.0000e+00	0.0000e+00
	1993	-5.7067e+01	-2.3980e+02	-2.7363e-16	9.9739e-01	0.0000e+00	0.0000e+00
386	2031	4.7330e+02	-2.3980e+02	2.6971e-16	1.8429e+00	0.0000e+00	0.0000e+00
	1916	-4.7330e+02	-2.3980e+02	-2.6971e-16	-1.8429e+00	0.0000e+00	0.0000e+00
387	2014	1.8424e+01	-2.3980e+02	2.6155e-16	6.5091e+00	0.0000e+00	0.0000e+00
	2086	-1.8424e+01	-2.3980e+02	-2.6155e-16	-6.5091e+00	0.0000e+00	0.0000e+00
388	2113	1.8882e+01	-1.5260e+02	0.0000e+00	1.3082e+00	0.0000e+00	0.0000e+00
	2014	-1.8882e+01	-1.5260e+02	0.0000e+00	-1.3082e+00	0.0000e+00	0.0000e+00
389	2114	3.3939e+02	-1.5260e+02	0.0000e+00	9.1560e-01	0.0000e+00	0.0000e+00
	2031	-3.3939e+02	-1.5260e+02	0.0000e+00	-9.1560e-01	0.0000e+00	0.0000e+00
390	2115	6.2089e+01	-1.5260e+02	0.0000e+00	-4.8167e-01	0.0000e+00	0.0000e+00
	2048	-6.2089e+01	-1.5260e+02	0.0000e+00	4.8167e-01	0.0000e+00	0.0000e+00
391	2117	-1.2194e+02	-1.5260e+02	0.0000e+00	-2.3427e+00	0.0000e+00	0.0000e+00
	2065	1.2194e+02	-1.5260e+02	0.0000e+00	2.3427e+00	0.0000e+00	0.0000e+00
392	2092	1.6834e+01	-2.3980e+02	-8.8027e-17	-4.4502e+00	0.0000e+00	0.0000e+00
	2113	-1.6834e+01	-2.3980e+02	8.8027e-17	4.4502e+00	0.0000e+00	0.0000e+00
393	2094	2.1548e+02	-2.3980e+02	-9.2681e-17	-6.4853e-01	0.0000e+00	0.0000e+00
	2114	-2.1548e+02	-2.3980e+02	9.2681e-17	6.4853e-01	0.0000e+00	0.0000e+00
394	2096	6.1644e+01	-2.3980e+02	-8.1353e-17	8.9048e-01	0.0000e+00	0.0000e+00
	2115	-6.1644e+01	-2.3980e+02	8.1353e-17	-8.9048e-01	0.0000e+00	0.0000e+00
395	2100	-3.8212e+01	-2.3980e+02	-6.2574e-17	1.6940e+00	0.0000e+00	0.0000e+00
	2117	3.8212e+01	-2.3980e+02	6.2574e-17	-1.6940e+00	0.0000e+00	0.0000e+00
396	2091	9.9190e+00	-1.9075e+02	5.3620e-17	7.7773e+00	0.0000e+00	0.0000e+00
	2092	-9.9190e+00	-1.9075e+02	-5.3620e-17	-7.7773e+00	0.0000e+00	0.0000e+00
397	2093	9.6471e+01	-1.9075e+02	5.8080e-17	1.4650e+00	0.0000e+00	0.0000e+00
	2094	-9.6471e+01	-1.9075e+02	-5.8080e-17	-1.4650e+00	0.0000e+00	0.0000e+00
398	2095	5.3341e+01	-1.9075e+02	5.3239e-17	-1.4954e+00	0.0000e+00	0.0000e+00
	2096	-5.3341e+01	-1.9075e+02	-5.3239e-17	1.4954e+00	0.0000e+00	0.0000e+00
399	2099	4.0206e+01	-1.9075e+02	4.2103e-17	-3.4009e+00	0.0000e+00	0.0000e+00
	2100	-4.0206e+01	-1.9075e+02	-4.2103e-17	3.4009e+00	0.0000e+00	0.0000e+00
400	2066	1.2594e+02	-1.9075e+02	-4.3028e-17	3.3999e+00	0.0000e+00	0.0000e+00
	2099	-1.2594e+02	-1.9075e+02	4.3028e-17	-3.3999e+00	0.0000e+00	0.0000e+00

401	2049	2.0711e+02	-2.3980e+02	-1.0474e-17	9.1695e-02	0.0000e+00	0.0000e+00
	2066	-2.0711e+02	-2.3980e+02	1.0474e-17	-9.1695e-02	0.0000e+00	0.0000e+00
402	2064	4.6214e+01	-1.9075e+02	-5.4112e-17	1.4649e+00	0.0000e+00	0.0000e+00
	2095	-4.6214e+01	-1.9075e+02	5.4112e-17	-1.4649e+00	0.0000e+00	0.0000e+00
403	2063	-1.4023e+01	-1.9075e+02	-5.8792e-17	-1.5221e+00	0.0000e+00	0.0000e+00
	2093	1.4023e+01	-1.9075e+02	5.8792e-17	1.5221e+00	0.0000e+00	0.0000e+00
404	2062	5.6026e+00	-1.9075e+02	-5.4107e-17	-7.8500e+00	0.0000e+00	0.0000e+00
	2091	-5.6026e+00	-1.9075e+02	5.4107e-17	7.8500e+00	0.0000e+00	0.0000e+00
405	2061	6.2462e+00	-1.9075e+02	-2.7060e-17	-1.8755e+01	0.0000e+00	0.0000e+00
	2089	-6.2462e+00	-1.9075e+02	2.7060e-17	1.8755e+01	0.0000e+00	0.0000e+00
406	2060	-6.6818e+01	-1.9075e+02	1.6398e-17	-2.1731e+01	0.0000e+00	0.0000e+00
	2087	6.6818e+01	-1.9075e+02	-1.6398e-17	2.1731e+01	0.0000e+00	0.0000e+00
407	2058	-1.5011e+02	-1.9075e+02	4.1777e-17	-1.6669e+01	0.0000e+00	0.0000e+00
	2083	1.5011e+02	-1.9075e+02	-4.1777e-17	1.6669e+01	0.0000e+00	0.0000e+00
408	2057	-1.3571e+02	-1.9075e+02	4.8249e-17	-6.0210e+00	0.0000e+00	0.0000e+00
	2081	1.3571e+02	-1.9075e+02	-4.8249e-17	6.0210e+00	0.0000e+00	0.0000e+00
409	2054	-9.7065e+01	-1.9075e+02	5.8806e-17	1.8407e+01	0.0000e+00	0.0000e+00
	2075	9.7065e+01	-1.9075e+02	-5.8806e-17	-1.8407e+01	0.0000e+00	0.0000e+00
410	2052	-1.9835e+01	-1.9075e+02	9.4079e-17	2.2818e+01	0.0000e+00	0.0000e+00
	2071	1.9835e+01	-1.9075e+02	-9.4079e-17	-2.2818e+01	0.0000e+00	0.0000e+00
411	2051	1.2168e+02	-1.9075e+02	1.6159e-16	4.1825e+00	0.0000e+00	0.0000e+00
	2069	-1.2168e+02	-1.9075e+02	-1.6159e-16	-4.1825e+00	0.0000e+00	0.0000e+00
412	2050	8.9202e+01	-1.9075e+02	1.5815e-16	-1.2079e+00	0.0000e+00	0.0000e+00
	2067	-8.9202e+01	-1.9075e+02	-1.5815e-16	1.2079e+00	0.0000e+00	0.0000e+00
413	2047	3.4546e+01	-2.3980e+02	-5.2921e-18	-5.1341e-01	0.0000e+00	0.0000e+00
	2064	-3.4546e+01	-2.3980e+02	5.2921e-18	5.1341e-01	0.0000e+00	0.0000e+00
414	2046	-1.3111e+02	-2.3980e+02	1.0593e-17	-2.7039e-02	0.0000e+00	0.0000e+00
	2063	1.3111e+02	-2.3980e+02	-1.0593e-17	2.7039e-02	0.0000e+00	0.0000e+00
415	2045	-1.6343e+00	-2.3980e+02	1.7833e-17	3.4883e+00	0.0000e+00	0.0000e+00
	2062	1.6343e+00	-2.3980e+02	-1.7833e-17	-3.4883e+00	0.0000e+00	0.0000e+00
416	2044	7.5636e+01	-2.3980e+02	-2.7044e-17	1.1551e+01	0.0000e+00	0.0000e+00
	2061	-7.5636e+01	-2.3980e+02	2.7044e-17	-1.1551e+01	0.0000e+00	0.0000e+00
417	2043	-6.1977e+01	-2.3980e+02	-1.1864e-16	1.4151e+01	0.0000e+00	0.0000e+00
	2060	6.1977e+01	-2.3980e+02	1.1864e-16	-1.4151e+01	0.0000e+00	0.0000e+00
418	2041	-2.9476e+02	-2.3980e+02	-1.7296e-16	1.0768e+01	0.0000e+00	0.0000e+00
	2058	2.9476e+02	-2.3980e+02	1.7296e-16	-1.0768e+01	0.0000e+00	0.0000e+00
419	2040	-1.6046e+02	-2.3980e+02	-1.8710e-16	3.5431e+00	0.0000e+00	0.0000e+00
	2057	1.6046e+02	-2.3980e+02	1.8710e-16	-3.5431e+00	0.0000e+00	0.0000e+00
420	2038	-3.0246e+02	-2.3980e+02	-1.8756e-16	-5.2422e+00	0.0000e+00	0.0000e+00
	2055	3.0246e+02	-2.3980e+02	1.8756e-16	5.2422e+00	0.0000e+00	0.0000e+00
421	2037	-1.1191e+02	-2.3980e+02	-2.1089e-16	-1.2092e+01	0.0000e+00	0.0000e+00
	2054	1.1191e+02	-2.3980e+02	2.1089e-16	1.2092e+01	0.0000e+00	0.0000e+00
422	2035	3.4848e+01	-2.3980e+02	-2.8273e-16	-1.4694e+01	0.0000e+00	0.0000e+00
	2052	-3.4848e+01	-2.3980e+02	2.8273e-16	1.4694e+01	0.0000e+00	0.0000e+00
423	2034	2.0122e+02	-2.3980e+02	-4.1667e-16	-2.4511e+00	0.0000e+00	0.0000e+00
	2051	-2.0122e+02	-2.3980e+02	4.1667e-16	2.4511e+00	0.0000e+00	0.0000e+00
424	2033	8.6714e+01	-2.3980e+02	-4.0672e-16	1.0528e+00	0.0000e+00	0.0000e+00
	2050	-8.6714e+01	-2.3980e+02	4.0672e-16	-1.0528e+00	0.0000e+00	0.0000e+00
425	2032	2.9680e+02	-1.5260e+02	0.0000e+00	9.8197e-01	0.0000e+00	0.0000e+00
	2049	-2.9680e+02	-1.5260e+02	0.0000e+00	-9.8197e-01	0.0000e+00	0.0000e+00
426	2030	2.6460e+01	-1.5260e+02	0.0000e+00	1.1365e-01	0.0000e+00	0.0000e+00
	2047	-2.6460e+01	-1.5260e+02	0.0000e+00	-1.1365e-01	0.0000e+00	0.0000e+00
427	2029	-2.5044e+02	-1.5260e+02	0.0000e+00	-5.2967e-01	0.0000e+00	0.0000e+00
	2046	2.5044e+02	-1.5260e+02	0.0000e+00	5.2967e-01	0.0000e+00	0.0000e+00
428	2028	-4.1301e+00	-1.5260e+02	0.0000e+00	-6.9412e-01	0.0000e+00	0.0000e+00

	2045	4.1301e+00	-1.5260e+02	0.0000e+00	6.9412e-01	0.0000e+00	0.0000e+00
429	2027	1.5125e+02	-1.5260e+02	0.0000e+00	-1.1110e-02	0.0000e+00	0.0000e+00
	2044	-1.5125e+02	-1.5260e+02	0.0000e+00	1.1110e-02	0.0000e+00	0.0000e+00
430	2026	-4.8121e+01	-1.5260e+02	0.0000e+00	3.8816e-01	0.0000e+00	0.0000e+00
	2043	4.8121e+01	-1.5260e+02	0.0000e+00	-3.8816e-01	0.0000e+00	0.0000e+00
431	2024	-3.0944e+02	-1.5260e+02	0.0000e+00	2.7554e-01	0.0000e+00	0.0000e+00
	2041	3.0944e+02	-1.5260e+02	0.0000e+00	-2.7554e-01	0.0000e+00	0.0000e+00
432	2023	-1.6422e+02	-1.5260e+02	0.0000e+00	-7.6500e-02	0.0000e+00	0.0000e+00
	2040	1.6422e+02	-1.5260e+02	0.0000e+00	7.6500e-02	0.0000e+00	0.0000e+00
433	2021	-4.4208e+02	-1.5260e+02	0.0000e+00	-3.3577e-01	0.0000e+00	0.0000e+00
	2038	4.4208e+02	-1.5260e+02	0.0000e+00	3.3577e-01	0.0000e+00	0.0000e+00
434	2020	-1.1904e+02	-1.5260e+02	0.0000e+00	-3.7360e-01	0.0000e+00	0.0000e+00
	2037	1.1904e+02	-1.5260e+02	0.0000e+00	3.7360e-01	0.0000e+00	0.0000e+00
435	2018	9.8821e+01	-1.5260e+02	0.0000e+00	-2.8860e-01	0.0000e+00	0.0000e+00
	2035	-9.8821e+01	-1.5260e+02	0.0000e+00	2.8860e-01	0.0000e+00	0.0000e+00
436	2017	2.9877e+02	-1.5260e+02	0.0000e+00	1.5528e-01	0.0000e+00	0.0000e+00
	2034	-2.9877e+02	-1.5260e+02	0.0000e+00	-1.5528e-01	0.0000e+00	0.0000e+00
437	2016	7.7657e+01	-1.5260e+02	0.0000e+00	2.6044e-01	0.0000e+00	0.0000e+00
	2033	-7.7657e+01	-1.5260e+02	0.0000e+00	-2.6044e-01	0.0000e+00	0.0000e+00
438	2015	3.9000e+02	-2.3980e+02	-1.2281e-16	2.5620e+00	0.0000e+00	0.0000e+00
	2032	-3.9000e+02	-2.3980e+02	1.2281e-16	-2.5620e+00	0.0000e+00	0.0000e+00
439	2013	1.9828e+01	-2.3980e+02	-1.3946e-16	9.0179e-01	0.0000e+00	0.0000e+00
	2030	-1.9828e+01	-2.3980e+02	1.3946e-16	-9.0179e-01	0.0000e+00	0.0000e+00
440	2012	-3.7742e+02	-2.3980e+02	-1.4744e-16	5.4546e-01	0.0000e+00	0.0000e+00
	2029	3.7742e+02	-2.3980e+02	1.4744e-16	-5.4546e-01	0.0000e+00	0.0000e+00
441	2011	-4.0949e+00	-2.3980e+02	-1.6625e-16	5.1108e-01	0.0000e+00	0.0000e+00
	2028	4.0949e+00	-2.3980e+02	1.6625e-16	-5.1108e-01	0.0000e+00	0.0000e+00
442	2010	2.3009e+02	-2.3980e+02	-1.7438e-16	3.7776e+00	0.0000e+00	0.0000e+00
	2027	-2.3009e+02	-2.3980e+02	1.7438e-16	-3.7776e+00	0.0000e+00	0.0000e+00
443	2009	-3.1693e+01	-2.3980e+02	-2.2528e-16	6.6558e+00	0.0000e+00	0.0000e+00
	2026	3.1693e+01	-2.3980e+02	2.2528e-16	-6.6558e+00	0.0000e+00	0.0000e+00
444	2007	-3.5011e+02	-2.3980e+02	-2.6700e-16	5.7273e+00	0.0000e+00	0.0000e+00
	2024	3.5011e+02	-2.3980e+02	2.6700e-16	-5.7273e+00	0.0000e+00	0.0000e+00
445	2006	-1.5185e+02	-2.3980e+02	-2.9028e-16	2.0112e+00	0.0000e+00	0.0000e+00
	2023	1.5185e+02	-2.3980e+02	2.9028e-16	-2.0112e+00	0.0000e+00	0.0000e+00
446	2004	-7.0300e+02	-2.3980e+02	-3.0643e-16	-2.8504e+00	0.0000e+00	0.0000e+00
	2021	7.0300e+02	-2.3980e+02	3.0643e-16	2.8504e+00	0.0000e+00	0.0000e+00
447	2003	-1.2114e+02	-2.3980e+02	-3.3662e-16	-6.6528e+00	0.0000e+00	0.0000e+00
	2020	1.2114e+02	-2.3980e+02	3.3662e-16	6.6528e+00	0.0000e+00	0.0000e+00
448	2001	1.6921e+02	-2.3980e+02	0.0000e+00	-7.1005e+00	0.0000e+00	0.0000e+00
	2018	-1.6921e+02	-2.3980e+02	0.0000e+00	7.1005e+00	0.0000e+00	0.0000e+00
449	2000	4.1120e+02	-2.3980e+02	0.0000e+00	-2.2728e+00	0.0000e+00	0.0000e+00
	2017	-4.1120e+02	-2.3980e+02	0.0000e+00	2.2728e+00	0.0000e+00	0.0000e+00
450	1999	5.8842e+01	-2.3980e+02	0.0000e+00	-8.5477e-01	0.0000e+00	0.0000e+00
	2016	-5.8842e+01	-2.3980e+02	0.0000e+00	8.5477e-01	0.0000e+00	0.0000e+00
451	1982	4.8098e+02	-2.1800e+02	-1.6611e-16	-5.5134e+00	0.0000e+00	0.0000e+00
	2015	-4.8098e+02	-2.1800e+02	1.6611e-16	5.5134e+00	0.0000e+00	0.0000e+00
452	1984	1.3472e+01	-2.1800e+02	-2.0450e-16	-4.1457e+00	0.0000e+00	0.0000e+00
	2013	-1.3472e+01	-2.1800e+02	2.0450e-16	4.1457e+00	0.0000e+00	0.0000e+00
453	1985	9.2299e+01	-2.1800e+02	-2.4463e-16	-1.9801e+00	0.0000e+00	0.0000e+00
	2012	-9.2299e+01	-2.1800e+02	2.4463e-16	1.9801e+00	0.0000e+00	0.0000e+00
454	1986	-2.0309e+00	-2.1800e+02	-2.8531e-16	8.8014e+00	0.0000e+00	0.0000e+00
	2011	2.0309e+00	-2.1800e+02	2.8531e-16	-8.8014e+00	0.0000e+00	0.0000e+00
455	1998	2.9247e+02	-2.1800e+02	-2.2190e-16	2.7489e+01	0.0000e+00	0.0000e+00
	2010	-2.9247e+02	-2.1800e+02	2.2190e-16	-2.7489e+01	0.0000e+00	0.0000e+00

456	1997	-1.6099e+01	-2.1800e+02	-1.2887e-16	3.0076e+01	0.0000e+00	0.0000e+00
	2009	1.6099e+01	-2.1800e+02	1.2887e-16	-3.0076e+01	0.0000e+00	0.0000e+00
457	1995	1.0418e+02	-2.1800e+02	-8.5798e-17	2.1707e+01	0.0000e+00	0.0000e+00
	2007	-1.0418e+02	-2.1800e+02	8.5798e-17	-2.1707e+01	0.0000e+00	0.0000e+00
458	1994	-1.0263e+02	-2.1800e+02	-9.1641e-17	7.2404e+00	0.0000e+00	0.0000e+00
	2006	1.0263e+02	-2.1800e+02	9.1641e-17	-7.2404e+00	0.0000e+00	0.0000e+00
459	1992	-8.5131e+02	-2.1800e+02	-1.1254e-16	-9.3792e+00	0.0000e+00	0.0000e+00
	2004	8.5131e+02	-2.1800e+02	1.1254e-16	9.3792e+00	0.0000e+00	0.0000e+00
460	1991	-1.1018e+02	-2.1800e+02	-1.0487e-16	-2.3514e+01	0.0000e+00	0.0000e+00
	2003	1.1018e+02	-2.1800e+02	1.0487e-16	2.3514e+01	0.0000e+00	0.0000e+00
461	1989	-7.8788e+02	-2.1800e+02	-4.0983e-17	-3.1376e+01	0.0000e+00	0.0000e+00
	2001	7.8788e+02	-2.1800e+02	4.0983e-17	3.1376e+01	0.0000e+00	0.0000e+00
462	1988	-2.0678e+02	-2.1800e+02	1.0050e-16	-3.9472e+00	0.0000e+00	0.0000e+00
	2000	2.0678e+02	-2.1800e+02	-1.0050e-16	3.9472e+00	0.0000e+00	0.0000e+00
463	1987	1.1571e+01	-2.1800e+02	9.6644e-17	4.2760e+00	0.0000e+00	0.0000e+00
	1999	-1.1571e+01	-2.1800e+02	-9.6644e-17	-4.2760e+00	0.0000e+00	0.0000e+00
464	1926	3.6041e+02	1.8935e+02	6.1822e+01	1.7952e+03	-1.1431e+04	2.8212e+04
	1981	-3.6041e+02	-1.8935e+02	-9.1620e+01	-1.7952e+03	0.0000e+00	0.0000e+00
465	1924	5.3086e+02	-4.4623e+01	-5.8415e+01	-3.1094e+02	-6.7940e+03	2.3825e+04
	1926	-5.3086e+02	4.4623e+01	3.8772e+01	3.1094e+02	1.1567e+04	-2.8207e+04
466	1923	6.4831e+02	-2.7679e+02	-1.2284e+02	-9.9467e+02	4.6132e+03	-4.0127e+03
	1924	-6.4831e+02	2.7679e+02	1.0272e+02	9.9467e+02	6.7280e+03	-2.3822e+04
467	1922	5.7107e+02	-4.6135e+02	7.1612e+00	-8.7307e+02	2.9707e+03	-4.9308e+04
	1923	-5.7107e+02	4.6135e+02	-2.6798e+01	8.7307e+02	-4.6378e+03	4.0111e+03
468	1949	5.1345e+02	-7.9233e+02	-2.2505e+01	-1.2321e+02	4.1357e+03	-1.0091e+05
	1922	-5.1345e+02	7.9233e+02	9.4755e+00	1.2321e+02	-3.0939e+03	4.9287e+04
469	1921	-8.7055e+01	9.4313e+02	1.3840e+02	-9.6808e+01	-1.3522e+03	-6.4520e+04
	1949	8.7055e+01	-9.4313e+02	-1.4611e+02	9.6808e+01	-4.1362e+03	1.0091e+05
470	1920	2.0905e+02	7.0486e+02	-2.1719e+01	-1.4359e+02	-1.7387e+02	7.0077e+03
	1921	-2.0905e+02	-7.0486e+02	1.4421e+00	1.4359e+02	1.3480e+03	6.4456e+04
471	1918	3.2102e+02	4.6637e+02	-2.0423e+01	-1.6035e+02	8.8405e+02	5.4143e+04
	1920	-3.2102e+02	-4.6637e+02	2.4251e-01	1.6035e+02	1.5855e+02	-7.0859e+03
472	1917	3.1500e+02	2.2298e+02	2.7463e+00	-6.2418e+01	-3.9789e+02	7.6692e+04
	1918	-3.1500e+02	-2.2298e+02	-2.2918e+01	6.2418e+01	-8.9634e+02	-5.4202e+04
473	2107	3.3232e+02	-2.7177e+01	-2.2310e+01	-1.0139e+02	8.4812e+02	7.3897e+04
	1917	-3.3232e+02	2.7177e+01	1.6081e+00	1.0139e+02	3.8979e+02	-7.6710e+04
474	2080	2.1283e+02	-2.6513e+02	2.1090e+01	-1.0345e+01	-2.2029e+03	4.7691e+04
	2107	-2.1283e+02	2.6513e+02	-4.0837e+01	1.0345e+01	-8.5416e+02	-7.3868e+04
475	2079	1.3301e+02	-4.9889e+02	6.1649e+00	-2.4922e+02	-3.8227e+03	-2.5949e+03
	2080	-1.3301e+02	4.9889e+02	-2.6298e+01	2.4922e+02	2.1888e+03	-4.7624e+04
476	2056	6.5718e+02	5.1847e+02	1.2311e+02	6.0760e+02	-1.9007e+03	-4.4216e+04
	1959	-6.5718e+02	-5.1847e+02	-1.4028e+02	-6.0760e+02	-9.4072e+03	8.8735e+04
477	2039	4.6656e+02	3.0113e+02	1.3749e+01	4.7976e+02	-4.3700e+03	-1.3602e+04
	2056	-4.6656e+02	-3.0113e+02	-3.4091e+01	-4.7976e+02	1.9371e+03	4.4230e+04
478	1960	3.6452e+02	8.6093e+01	-4.0275e+01	1.5899e+02	-3.3919e+03	-1.1302e+04
	2039	-3.6452e+02	-8.6093e+01	3.4950e+01	-1.5899e+02	4.3934e+03	1.3595e+04
479	2022	-8.6999e+02	1.6572e+02	4.5099e+01	1.7564e+03	-1.1381e+04	2.4691e+04
	1980	8.6999e+02	-1.6572e+02	-1.0768e+02	-1.7564e+03	0.0000e+00	0.0000e+00
480	1993	-3.3717e+02	-1.6549e+01	-7.2714e+01	-3.3986e+02	-6.3947e+03	2.3075e+04
	2022	3.3717e+02	1.6549e+01	3.1464e+01	3.3986e+02	1.1511e+04	-2.4701e+04
481	1916	-7.5356e+01	-3.5803e+02	-1.2771e+02	-9.8316e+02	4.3911e+03	-1.2925e+04
	1993	7.5356e+01	3.5803e+02	8.5473e+01	9.8316e+02	6.3278e+03	-2.3079e+04
482	2086	-3.3785e+01	-7.6404e+02	-4.5200e+00	-8.6727e+02	2.8348e+03	-8.7944e+04
	1916	3.3785e+01	7.6404e+02	-3.6717e+01	8.6727e+02	-4.4154e+03	1.2928e+04
483	1948	-6.7782e+01	-1.1650e+03	-3.3670e+01	-1.5070e+02	4.2629e+03	-1.6387e+05

	2086	6.7782e+01	1.1650e+03	6.3071e+00	1.5070e+02	-2.9607e+03	8.7971e+04
484	2085	-1.0101e+03	1.5654e+03	1.1822e+02	-1.2349e+02	-6.1020e+02	-1.0347e+05
	1948	1.0101e+03	-1.5654e+03	-1.3443e+02	1.2349e+02	-4.2636e+03	1.6387e+05
485	2059	-7.4739e+02	1.1652e+03	-2.4600e+01	-1.4442e+02	-2.7008e+02	1.4587e+04
	2085	7.4739e+02	-1.1652e+03	-1.7983e+01	1.4442e+02	6.0553e+02	1.0355e+05
486	2042	-5.3792e+02	7.8533e+02	-3.0822e+01	-1.7085e+02	7.1774e+02	9.3737e+04
	2059	5.3792e+02	-7.8533e+02	-1.1557e+01	1.7085e+02	2.5419e+02	-1.4495e+04
487	2025	-3.2065e+02	3.8798e+02	-1.3440e+01	-9.0534e+01	-4.8456e+01	1.3280e+05
	2042	3.2065e+02	-3.8798e+02	-2.8920e+01	9.0534e+01	-7.3219e+02	-9.3667e+04
488	2008	-2.8742e+02	-4.0015e+01	-2.8274e+01	-9.4874e+01	6.3733e+02	1.2864e+05
	2025	2.8742e+02	4.0015e+01	-1.5201e+01	9.4874e+01	3.9283e+01	-1.3278e+05
489	1996	-4.2093e+02	-4.7662e+02	7.8178e+00	-2.6353e+01	-2.1750e+03	8.1614e+04
	2008	4.2093e+02	4.7662e+02	-4.9285e+01	2.6353e+01	-6.4390e+02	-1.2867e+05
490	1919	-5.7474e+02	-8.7384e+02	-7.0933e+00	-2.6211e+02	-3.5733e+03	-6.2709e+03
	1996	5.7474e+02	8.7384e+02	-3.5185e+01	2.6211e+02	2.1594e+03	-8.1693e+04
491	2098	1.4970e+02	8.7429e+02	1.2161e+02	6.3365e+02	-2.5692e+03	-7.7671e+04
	1958	-1.4970e+02	-8.7429e+02	-1.5767e+02	-6.3365e+02	-9.4211e+03	1.5274e+05
492	2097	2.7899e+02	4.8140e+02	-1.3370e+01	4.6054e+02	-3.4184e+03	-2.8693e+04
	2098	-2.7899e+02	-4.8140e+02	-2.9348e+01	-4.6054e+02	2.6058e+03	7.7656e+04
493	1961	5.5545e+01	8.1466e+01	-2.6628e+01	2.0938e+02	-2.8828e+03	-2.6533e+04
	2097	-5.5545e+01	-8.1466e+01	1.5445e+01	-2.0938e+02	3.4429e+03	2.8702e+04
494	2065	-2.6126e+02	2.1121e+02	4.8710e+01	1.7321e+03	-1.1253e+04	3.1469e+04
	1979	2.6126e+02	-2.1121e+02	-1.0235e+02	-1.7321e+03	0.0000e+00	0.0000e+00
495	2048	3.7149e+01	-4.2496e+01	-7.0718e+01	-3.4077e+02	-6.1712e+03	2.7292e+04
	2065	-3.7149e+01	4.2496e+01	3.5361e+01	3.4077e+02	1.1380e+04	-3.1466e+04
496	2031	2.5704e+02	-3.6795e+02	-1.1194e+02	-9.6151e+02	3.3314e+03	-9.7100e+03
	2048	-2.5704e+02	3.6795e+02	7.5740e+01	9.6151e+02	6.1053e+03	-2.7292e+04
497	2014	4.6308e+02	-7.0231e+02	-1.3378e+01	-8.7345e+02	2.9339e+03	-7.8665e+04
	2031	-4.6308e+02	7.0231e+02	-2.1968e+01	8.7345e+02	-3.3556e+03	9.7090e+03
498	1947	4.0757e+02	-1.1644e+03	-3.7290e+01	-1.3255e+02	4.7237e+03	-1.5452e+05
	2014	-4.0757e+02	1.1644e+03	1.3836e+01	1.3255e+02	-3.0583e+03	7.8659e+04
499	2005	-4.9595e+02	1.4497e+03	1.1579e+02	-1.0240e+02	-1.0811e+01	-9.8587e+04
	1947	4.9595e+02	-1.4497e+03	-1.2967e+02	1.0240e+02	-4.7242e+03	1.5452e+05
500	1983	-3.3117e+02	1.0906e+03	-1.0522e+01	-1.0272e+02	-7.9074e+02	1.1999e+04
	2005	3.3117e+02	-1.0906e+03	-2.5977e+01	1.0272e+02	7.2502e+00	9.8574e+04
501	1925	-1.4396e+02	7.3338e+02	-3.5201e+01	-1.8173e+02	9.4287e+02	8.6014e+04
	1983	1.4396e+02	-7.3338e+02	-1.1234e+00	1.8173e+02	7.7640e+02	-1.2014e+04
502	2125	-7.2737e+01	3.5159e+02	-9.2520e+00	-7.6611e+01	5.9242e+01	1.2148e+05
	1925	7.2737e+01	-3.5159e+02	-2.7057e+01	7.6611e+01	-9.5715e+02	-8.6024e+04
503	2123	-4.3364e+01	-3.5310e+01	-2.0083e+01	-7.0389e+01	2.1675e+02	1.1783e+05
	2125	4.3364e+01	3.5310e+01	-1.7181e+01	7.0389e+01	-6.6515e+01	-1.2149e+05
504	2122	-5.2239e+01	-4.2662e+02	7.2603e+00	-4.7464e+01	-2.2483e+03	7.5706e+04
	2123	5.2239e+01	4.2662e+02	-4.2804e+01	4.7464e+01	-2.2315e+02	-1.1783e+05
505	2120	-1.8786e+02	-8.0046e+02	-1.0588e+01	-2.9105e+02	-2.9880e+03	-4.8829e+03
	2122	1.8786e+02	8.0046e+02	-2.5650e+01	2.9105e+02	2.2299e+03	-7.5693e+04
506	2119	4.0094e+02	8.1242e+02	1.1354e+02	5.8333e+02	-2.1121e+03	-7.0623e+04
	1957	-4.0094e+02	-8.1242e+02	-1.4445e+02	-5.8333e+02	-8.9642e+03	1.4038e+05
507	2118	2.5752e+02	4.4434e+02	-6.0282e+00	4.4103e+02	-3.3953e+03	-2.5431e+04
	2119	-2.5752e+02	-4.4434e+02	-3.0587e+01	-4.4103e+02	2.1464e+03	7.0625e+04
508	1962	6.8260e+01	1.0011e+02	-2.7537e+01	1.9162e+02	-2.8129e+03	-2.2763e+04
	2118	-6.8260e+01	-1.0011e+02	1.7951e+01	-1.9162e+02	3.4185e+03	2.5429e+04
509	2117	-1.9691e+02	2.2216e+02	4.8186e+01	1.7162e+03	-1.1175e+04	3.3100e+04
	1978	1.9691e+02	-2.2216e+02	-1.0182e+02	-1.7162e+03	0.0000e+00	0.0000e+00
510	2115	1.0242e+02	-4.3414e+01	-7.0902e+01	-3.4222e+02	-6.0735e+03	2.8832e+04
	2117	-1.0242e+02	4.3414e+01	3.5544e+01	3.4222e+02	1.1301e+04	-3.3096e+04

511	2114	3.2189e+02	-3.7545e+02	-1.0666e+02	-9.5310e+02	2.8974e+03	-8.9243e+03
	2115	-3.2189e+02	3.7545e+02	7.0456e+01	9.5310e+02	6.0080e+03	-2.8831e+04
512	2113	5.2770e+02	-7.1151e+02	-1.8092e+01	-8.7647e+02	2.9626e+03	-7.8782e+04
	2114	-5.2770e+02	7.1151e+02	-1.7254e+01	8.7647e+02	-2.9215e+03	8.9227e+03
513	1946	4.6801e+02	-1.1890e+03	-3.9498e+01	-1.2848e+02	4.8962e+03	-1.5624e+05
	2113	-4.6801e+02	1.1890e+03	1.6044e+01	1.2848e+02	-3.0869e+03	7.8776e+04
514	2112	-4.4865e+02	1.4625e+03	1.1307e+02	-9.7233e+01	2.6639e+02	-9.9816e+04
	1946	4.4865e+02	-1.4625e+03	-1.2696e+02	9.7233e+01	-4.8967e+03	1.5624e+05
515	2111	-2.8345e+02	1.1018e+03	-5.9250e+00	-8.7929e+01	-9.7994e+02	1.1900e+04
	2112	2.8345e+02	-1.1018e+03	-3.0574e+01	8.7929e+01	-2.6961e+02	9.9805e+04
516	2109	-9.5352e+01	7.3969e+02	-3.7760e+01	-1.8605e+02	1.0113e+03	8.6550e+04
	2111	9.5352e+01	-7.3969e+02	1.4348e+00	1.8605e+02	9.6613e+02	-1.1913e+04
517	2108	-2.3245e+01	3.5254e+02	-9.0245e+00	-7.3093e+01	1.0478e+02	1.2212e+05
	2109	2.3245e+01	-3.5254e+02	-2.7285e+01	7.3093e+01	-1.0256e+03	-8.6558e+04
518	2106	5.9809e+00	-3.9243e+01	-1.8352e+01	-6.2393e+01	8.2524e+01	1.1806e+05
	2108	-5.9809e+00	3.9243e+01	-1.8912e+01	6.2393e+01	-1.1148e+02	-1.2212e+05
519	2105	-5.2424e+01	-4.2813e+02	6.4295e+00	-5.3606e+01	-2.3006e+03	7.5784e+04
	2106	5.2424e+01	4.2813e+02	-4.1973e+01	5.3606e+01	-8.8799e+01	-1.1805e+05
520	2103	-1.8821e+02	-8.0194e+02	-1.3633e+01	-3.0283e+02	-2.7329e+03	-4.9525e+03
	2105	1.8821e+02	8.0194e+02	-2.2606e+01	3.0283e+02	2.2812e+03	-7.5773e+04
521	2102	4.0149e+02	8.1354e+02	1.0916e+02	5.6362e+02	-1.9333e+03	-7.0758e+04
	1956	-4.0149e+02	-8.1354e+02	-1.4007e+02	-5.6362e+02	-8.7668e+03	1.4061e+05
522	2101	2.5814e+02	4.4542e+02	-4.9846e+00	4.3331e+02	-3.3217e+03	-2.5457e+04
	2102	-2.5814e+02	-4.4542e+02	-3.1631e+01	-4.3331e+02	1.9666e+03	7.0760e+04
523	1963	6.8959e+01	1.0114e+02	-2.6785e+01	1.8930e+02	-2.7589e+03	-2.2762e+04
	2101	-6.8959e+01	-1.0114e+02	1.7199e+01	-1.8930e+02	3.3445e+03	2.5455e+04
524	2100	-3.8284e+02	2.1546e+02	4.4805e+01	1.6920e+03	-1.1060e+04	3.2102e+04
	1977	3.8284e+02	-2.1546e+02	-1.0366e+02	-1.6920e+03	0.0000e+00	0.0000e+00
525	2099	-1.1854e+02	2.2850e+02	4.8688e+01	1.7042e+03	-1.1139e+04	3.4044e+04
	1976	1.1854e+02	-2.2850e+02	-1.0083e+02	-1.7042e+03	0.0000e+00	0.0000e+00
526	2096	-5.6777e+01	-4.5170e+01	-7.2408e+01	-3.4503e+02	-5.9767e+03	2.7671e+04
	2100	5.6777e+01	4.5170e+01	3.3613e+01	3.4503e+02	1.1183e+04	-3.2107e+04
527	2095	1.7353e+02	-4.3154e+01	-7.1423e+01	-3.4745e+02	-5.9363e+03	2.9799e+04
	2099	-1.7353e+02	4.3154e+01	3.7047e+01	3.4745e+02	1.1263e+04	-3.4037e+04
528	2094	1.8514e+02	-3.9244e+02	-1.0383e+02	-9.4614e+02	2.5323e+03	-1.1791e+04
	2096	-1.8514e+02	3.9244e+02	6.4105e+01	9.4614e+02	5.9114e+03	-2.7673e+04
529	2093	3.8643e+02	-3.7342e+02	-9.9493e+01	-9.4447e+02	2.3644e+03	-7.7556e+03
	2095	-3.8643e+02	3.7342e+02	6.4296e+01	9.4447e+02	5.8710e+03	-2.9796e+04
530	2092	4.1154e+02	-7.5676e+02	-2.3601e+01	-8.7912e+02	2.9697e+03	-8.6094e+04
	2094	-4.1154e+02	7.5676e+02	-1.5181e+01	8.7912e+02	-2.5564e+03	1.1793e+04
531	2091	5.8629e+02	-7.0208e+02	-2.3363e+01	-8.8188e+02	2.9953e+03	-7.6686e+04
	2093	-5.8629e+02	7.0208e+02	-1.1002e+01	8.8188e+02	-2.3884e+03	7.7526e+03
532	1945	3.5691e+02	-1.2406e+03	-4.2420e+01	-1.2933e+02	5.0198e+03	-1.6693e+05
	2092	-3.5691e+02	1.2406e+03	1.6686e+01	1.2933e+02	-3.0944e+03	8.6106e+04
533	1944	5.2352e+02	-1.1839e+03	-4.1849e+01	-1.2578e+02	5.1035e+03	-1.5380e+05
	2091	-5.2352e+02	1.1839e+03	1.9046e+01	1.2578e+02	-3.1198e+03	7.6670e+04
534	2090	-6.1482e+02	1.5715e+03	1.0834e+02	-9.7300e+01	5.4660e+02	-1.0630e+05
	1945	6.1482e+02	-1.5715e+03	-1.2358e+02	9.7300e+01	-5.0203e+03	1.6693e+05
535	2089	-3.8234e+02	1.4359e+03	1.1046e+02	-9.3214e+01	5.8163e+02	-9.8400e+04
	1944	3.8234e+02	-1.4359e+03	-1.2397e+02	9.3214e+01	-5.1040e+03	1.5380e+05
536	2088	-4.3464e+02	1.1800e+03	-3.3727e+00	-7.8272e+01	-1.1386e+03	1.3300e+04
	2090	4.3464e+02	-1.1800e+03	-3.6675e+01	7.8272e+01	-5.4965e+02	1.0633e+05
537	2087	-2.2127e+02	1.0833e+03	7.9597e-01	-7.2972e+01	-1.2951e+03	1.1470e+04
	2089	2.2127e+02	-1.0833e+03	-3.6281e+01	7.2972e+01	-5.8452e+02	9.8363e+04
538	2084	-2.3054e+02	7.9527e+02	-4.1790e+01	-1.9240e+02	1.0810e+03	9.3509e+04

	2088	2.3054e+02	-7.9527e+02	1.9334e+00	1.9240e+02	1.1249e+03	-1.3265e+04
539	2083	-3.7455e+01	7.2576e+02	-4.2911e+01	-2.0287e+02	1.2669e+03	8.4745e+04
	2087	3.7455e+01	-7.2576e+02	7.5949e+00	2.0287e+02	1.2811e+03	-1.1514e+04
540	2082	-9.8928e+01	3.8710e+02	-1.0957e+01	-7.2034e+01	1.9163e+02	1.3252e+05
	2084	9.8928e+01	-3.8710e+02	-2.8882e+01	7.2034e+01	-1.0956e+03	-9.3482e+04
541	2081	8.7616e+00	3.4204e+02	-4.9583e+00	-6.1870e+01	1.4656e+00	1.1927e+05
	2083	-8.7616e+00	-3.4204e+02	-3.0342e+01	6.1870e+01	-1.2816e+03	-8.4777e+04
542	2078	-6.6475e+01	-3.5534e+01	-1.7630e+01	-5.2767e+01	-9.3402e+01	1.2884e+05
	2082	6.6475e+01	3.5534e+01	-2.3257e+01	5.2767e+01	-1.9781e+02	-1.3251e+05
543	2077	3.6952e+01	-4.1957e+01	-1.8350e+01	-6.1423e+01	3.1987e+01	1.1494e+05
	2081	-3.6952e+01	4.1957e+01	-1.7878e+01	6.1423e+01	-7.5654e+00	-1.1929e+05
544	2076	-5.7040e+01	-4.6583e+02	2.9117e+00	-6.3020e+01	-2.2998e+03	8.2857e+04
	2078	5.7040e+01	4.6583e+02	-4.1911e+01	6.3020e+01	8.7124e+01	-1.2885e+05
545	2075	-5.1245e+01	-4.1850e+02	7.5928e+00	-5.8203e+01	-2.4171e+03	7.3610e+04
	2077	5.1245e+01	4.1850e+02	-4.2149e+01	5.8203e+01	-3.8473e+01	-1.1493e+05
546	2072	-2.0560e+02	-8.7605e+02	-1.7604e+01	-3.1210e+02	-2.5086e+03	-5.2993e+03
	2076	2.0560e+02	8.7605e+02	-2.2158e+01	3.1210e+02	2.2794e+03	-8.2887e+04
547	2071	-1.8350e+02	-7.8188e+02	-1.6961e+01	-3.2003e+02	-2.4625e+03	-5.1332e+03
	2075	1.8350e+02	7.8188e+02	-1.8271e+01	3.2003e+02	2.3965e+03	-7.3573e+04
548	2070	4.3900e+02	8.8955e+02	1.0411e+02	5.4777e+02	-1.8116e+03	-7.7255e+04
	1955	-4.3900e+02	-8.8955e+02	-1.3803e+02	-5.4777e+02	-8.5840e+03	1.5364e+05
549	2069	3.9181e+02	7.9392e+02	1.0652e+02	5.3775e+02	-1.8868e+03	-6.9156e+04
	1954	-3.9181e+02	-7.9392e+02	-1.3657e+02	-5.3775e+02	-8.5501e+03	1.3733e+05
550	2068	2.8151e+02	4.8575e+02	-7.3247e+00	4.2562e+02	-3.1423e+03	-2.7843e+04
	2070	-2.8151e+02	-4.8575e+02	-3.2851e+01	-4.2562e+02	1.8441e+03	7.7249e+04
551	2067	2.5264e+02	4.3592e+02	-6.9437e+00	4.1060e+02	-3.0226e+03	-2.4827e+04
	2069	-2.5264e+02	-4.3592e+02	-2.8655e+01	-4.1060e+02	1.9184e+03	6.9165e+04
552	1964	7.3729e+01	1.0814e+02	-2.4303e+01	1.9475e+02	-2.6579e+03	-2.4966e+04
	2068	-7.3729e+01	-1.0814e+02	1.3785e+01	-1.9475e+02	3.1650e+03	2.7846e+04
553	1965	6.8917e+01	1.0108e+02	-2.4093e+01	1.8852e+02	-2.5270e+03	-2.2133e+04
	2067	-6.8917e+01	-1.0108e+02	1.4774e+01	-1.8852e+02	3.0445e+03	2.4824e+04
554	2066	-3.8384e+02	2.1527e+02	4.5572e+01	1.7027e+03	-1.1174e+04	3.2073e+04
	1975	3.8384e+02	-2.1527e+02	-1.0442e+02	-1.7027e+03	0.0000e+00	0.0000e+00
555	2064	-5.7793e+01	-4.5181e+01	-7.4395e+01	-3.5530e+02	-5.8958e+03	2.7639e+04
	2066	5.7793e+01	4.5181e+01	3.5600e+01	3.5530e+02	1.1297e+04	-3.2076e+04
556	2063	1.8413e+02	-3.9234e+02	-1.0245e+02	-9.4820e+02	2.4752e+03	-1.1814e+04
	2064	-1.8413e+02	3.9234e+02	6.2727e+01	9.4820e+02	5.8299e+03	-2.7641e+04
557	2062	4.1053e+02	-7.5664e+02	-2.4149e+01	-8.8269e+02	2.9664e+03	-8.6105e+04
	2063	-4.1053e+02	7.5664e+02	-1.4634e+01	8.8269e+02	-2.4993e+03	1.1815e+04
558	1943	3.5596e+02	-1.2403e+03	-4.2646e+01	-1.3358e+02	5.0322e+03	-1.6692e+05
	2062	-3.5596e+02	1.2403e+03	1.6912e+01	1.3358e+02	-3.0921e+03	8.6116e+04
559	2061	-6.1559e+02	1.5713e+03	1.0798e+02	-1.0147e+02	5.7291e+02	-1.0630e+05
	1943	6.1559e+02	-1.5713e+03	-1.2321e+02	1.0147e+02	-5.0327e+03	1.6692e+05
560	2060	-4.3541e+02	1.1798e+03	-1.4627e+00	-8.1529e+01	-1.3058e+03	1.3293e+04
	2061	4.3541e+02	-1.1798e+03	-3.8585e+01	8.1529e+01	-5.7609e+02	1.0633e+05
561	2058	-2.3132e+02	7.9521e+02	-4.6160e+01	-2.1246e+02	1.3559e+03	9.3496e+04
	2060	2.3132e+02	-7.9521e+02	6.3036e+00	2.1246e+02	1.2909e+03	-1.3257e+04
562	2057	-6.8724e+01	3.8868e+02	-5.7809e+00	-6.1614e+01	-5.4945e+01	1.3267e+05
	2058	6.8724e+01	-3.8868e+02	-3.4058e+01	6.1614e+01	-1.3711e+03	-9.3467e+04
563	2055	-3.6263e+01	-3.6944e+01	-2.1918e+01	-6.6736e+01	1.0405e+02	1.2883e+05
	2057	3.6263e+01	3.6944e+01	-1.8969e+01	6.6736e+01	4.8595e+01	-1.3266e+05
564	2054	-5.7032e+01	-4.6576e+02	6.1108e+00	-5.5607e+01	-2.4179e+03	8.2863e+04
	2055	5.7032e+01	4.6576e+02	-4.5110e+01	5.5607e+01	-1.1066e+02	-1.2885e+05
565	2052	-2.0559e+02	-8.7599e+02	-1.8809e+01	-3.1754e+02	-2.5055e+03	-5.2862e+03
	2054	2.0559e+02	8.7599e+02	-2.0953e+01	3.1754e+02	2.3976e+03	-8.2893e+04

566	2051	4.3895e+02	8.8944e+02	1.0672e+02	5.4329e+02	-2.0442e+03	-7.7243e+04
	1953	-4.3895e+02	-8.8944e+02	-1.4063e+02	-5.4329e+02	-8.5753e+03	1.5362e+05
567	2050	2.8145e+02	4.8564e+02	-1.2994e+01	4.0562e+02	-2.7974e+03	-2.7841e+04
	2051	-2.8145e+02	-4.8564e+02	-2.7182e+01	-4.0562e+02	2.0759e+03	7.7236e+04
568	1966	7.3660e+01	1.0803e+02	-2.1023e+01	2.0002e+02	-2.3998e+03	-2.4967e+04
	2050	-7.3660e+01	-1.0803e+02	1.0506e+01	-2.0002e+02	2.8196e+03	2.7843e+04
569	2049	-2.7487e+02	2.0891e+02	4.9784e+01	1.7372e+03	-1.1413e+04	3.1125e+04
	1974	2.7487e+02	-2.0891e+02	-1.0342e+02	-1.7372e+03	0.0000e+00	0.0000e+00
570	2047	2.3345e+01	-4.2291e+01	-7.5264e+01	-3.6482e+02	-5.8830e+03	2.6970e+04
	2049	-2.3345e+01	4.2291e+01	3.9906e+01	3.6482e+02	1.1539e+04	-3.1124e+04
571	2046	2.4333e+02	-3.6635e+02	-1.0338e+02	-9.5637e+02	2.7595e+03	-9.8711e+03
	2047	-2.4333e+02	3.6635e+02	6.7177e+01	9.5637e+02	5.8162e+03	-2.6970e+04
572	2045	4.4942e+02	-7.0036e+02	-1.9395e+01	-8.8337e+02	2.9527e+03	-7.8634e+04
	2046	-4.4942e+02	7.0036e+02	-1.5951e+01	8.8337e+02	-2.7837e+03	9.8706e+03
573	1942	3.9479e+02	-1.1591e+03	-4.0353e+01	-1.3759e+02	4.9439e+03	-1.5415e+05
	2045	-3.9479e+02	1.1591e+03	1.6899e+01	1.3759e+02	-3.0790e+03	7.8630e+04
574	2044	-5.0595e+02	1.4470e+03	1.1193e+02	-1.0604e+02	3.5833e+02	-9.8322e+04
	1942	5.0595e+02	-1.4470e+03	-1.2581e+02	1.0604e+02	-4.9445e+03	1.5415e+05
575	2043	-3.4125e+02	1.0882e+03	-1.9214e-01	-9.3538e+01	-1.4690e+03	1.2022e+04
	2044	3.4125e+02	-1.0882e+03	-3.6307e+01	9.3538e+01	-3.6179e+02	9.8311e+04
576	2041	-1.5423e+02	7.3204e+02	-5.0373e+01	-2.4082e+02	1.7980e+03	8.5900e+04
	2043	1.5423e+02	-7.3204e+02	1.4048e+01	2.4082e+02	1.4521e+03	-1.2036e+04
577	2040	-7.5487e+01	3.5176e+02	5.0491e+00	-4.1390e+01	-5.2670e+02	1.2139e+05
	2041	7.5487e+01	-3.5176e+02	-4.1358e+01	4.1390e+01	-1.8136e+03	-8.5910e+04
578	2038	-4.6084e+01	-3.4865e+01	-2.8452e+01	-9.3178e+01	4.9644e+02	1.1778e+05
	2040	4.6084e+01	3.4865e+01	-8.8118e+00	9.3178e+01	5.2005e+02	-1.2139e+05
579	2037	-5.2201e+01	-4.2631e+02	1.3069e+01	-4.0142e+01	-2.5413e+03	7.5689e+04
	2038	5.2201e+01	4.2631e+02	-4.8613e+01	4.0142e+01	-5.0368e+02	-1.1778e+05
580	2035	-1.8779e+02	-8.0015e+02	-1.6036e+01	-3.1555e+02	-2.7317e+03	-4.8686e+03
	2037	1.8779e+02	8.0015e+02	-2.0203e+01	3.1555e+02	2.5220e+03	-7.5677e+04
581	2034	4.0083e+02	8.1221e+02	1.1564e+02	5.5444e+02	-2.4992e+03	-7.0593e+04
	1952	-4.0083e+02	-8.1221e+02	-1.4655e+02	-5.5444e+02	-8.7575e+03	1.4033e+05
582	2033	2.5740e+02	4.4414e+02	-1.8526e+01	3.8637e+02	-2.5085e+03	-2.5422e+04
	2034	-2.5740e+02	-4.4414e+02	-1.8090e+01	-3.8637e+02	2.5306e+03	7.0596e+04
583	1967	6.8126e+01	9.9919e+01	-1.9054e+01	2.0195e+02	-2.1503e+03	-2.2761e+04
	2033	-6.8126e+01	-9.9919e+01	9.4686e+00	-2.0195e+02	2.5300e+03	2.5422e+04
584	2032	-3.0528e+02	2.0378e+02	5.1154e+01	1.7650e+03	-1.1617e+04	3.0362e+04
	1973	3.0528e+02	-2.0378e+02	-1.0479e+02	-1.7650e+03	0.0000e+00	0.0000e+00
585	2030	-7.4848e+00	-4.1804e+01	-7.7397e+01	-3.7453e+02	-5.8793e+03	2.6255e+04
	2032	7.4848e+00	4.1804e+01	4.2039e+01	3.7453e+02	1.1745e+04	-3.0360e+04
586	2029	2.1271e+02	-3.6276e+02	-1.0697e+02	-9.6567e+02	3.1248e+03	-1.0226e+04
	2030	-2.1271e+02	3.6276e+02	7.0765e+01	9.6567e+02	5.8116e+03	-2.6254e+04
587	2028	4.1890e+02	-6.9596e+02	-1.5333e+01	-8.8304e+02	2.9194e+03	-7.8558e+04
	2029	-4.1890e+02	6.9596e+02	-2.0013e+01	8.8304e+02	-3.1492e+03	1.0227e+04
588	1941	3.6627e+02	-1.1474e+03	-3.8822e+01	-1.4538e+02	4.8119e+03	-1.5332e+05
	2028	-3.6627e+02	1.1474e+03	1.5368e+01	1.4538e+02	-3.0466e+03	7.8559e+04
589	2027	-5.2831e+02	1.4411e+03	1.1380e+02	-1.1466e+02	1.5390e+02	-9.7717e+04
	1941	5.2831e+02	-1.4411e+03	-1.2769e+02	1.1466e+02	-4.8125e+03	1.5332e+05
590	2026	-3.6381e+02	1.0831e+03	-1.5325e+00	-1.0925e+02	-1.5371e+03	1.2092e+04
	2027	3.6381e+02	-1.0831e+03	-3.4967e+01	1.0925e+02	-1.5779e+02	9.7721e+04
591	2024	-1.7718e+02	7.2921e+02	-5.4285e+01	-2.6331e+02	2.1266e+03	8.5664e+04
	2026	1.7718e+02	-7.2921e+02	1.7960e+01	2.6331e+02	1.5183e+03	-1.2085e+04
592	2023	-1.0846e+02	3.5097e+02	1.2622e+01	-2.7345e+01	-9.6145e+02	1.2106e+05
	2024	1.0846e+02	-3.5097e+02	-4.8931e+01	2.7345e+01	-2.1427e+03	-8.5657e+04
593	2021	-7.8970e+01	-3.2394e+01	-3.7008e+01	-1.2211e+02	9.4811e+02	1.1770e+05

	2023	7.8970e+01	3.2394e+01	-2.5547e-01	1.2211e+02	9.5406e+02	-1.2105e+05
594	2020	-5.2096e+01	-4.2545e+02	1.9065e+01	-2.0197e+01	-2.6812e+03	7.5699e+04
	2021	5.2096e+01	4.2545e+02	-5.4609e+01	2.0197e+01	-9.5579e+02	-1.1770e+05
595	2018	-1.8759e+02	-7.9931e+02	-1.5071e+01	-3.1090e+02	-2.9701e+03	-4.7556e+03
	2020	1.8759e+02	7.9931e+02	-2.1168e+01	3.1090e+02	2.6632e+03	-7.5705e+04
596	2017	4.0024e+02	8.1102e+02	1.2334e+02	5.7259e+02	-2.9519e+03	-7.0453e+04
	1951	-4.0024e+02	-8.1102e+02	-1.5425e+02	-5.7259e+02	-8.9658e+03	1.4009e+05
597	2016	2.5673e+02	4.4299e+02	-2.5705e+01	3.7426e+02	-2.2311e+03	-2.5394e+04
	2017	-2.5673e+02	-4.4299e+02	-1.0911e+01	-3.7426e+02	2.9835e+03	7.0451e+04
598	1968	6.7378e+01	9.8821e+01	-1.6476e+01	2.1014e+02	-1.9414e+03	-2.2762e+04
	2016	-6.7378e+01	-9.8821e+01	6.8901e+00	-2.1014e+02	2.2525e+03	2.5393e+04
599	2015	-8.1434e+02	1.8180e+02	4.8823e+01	1.8057e+03	-1.1936e+04	2.7087e+04
	1972	8.1434e+02	-1.8180e+02	-1.1140e+02	-1.8057e+03	0.0000e+00	0.0000e+00
600	2013	-4.6946e+02	-2.0563e+01	-8.3406e+01	-3.9240e+02	-5.8993e+03	2.5075e+04
	2015	4.6946e+02	2.0563e+01	4.2155e+01	3.9240e+02	1.2065e+04	-2.7095e+04
601	2012	-2.0737e+02	-3.4868e+02	-1.1928e+02	-9.8546e+02	4.0421e+03	-9.9838e+03
	2013	2.0737e+02	3.4868e+02	7.7049e+01	9.8546e+02	5.8296e+03	-2.5080e+04
602	2011	-2.7272e+02	-7.0191e+02	-7.7923e+00	-8.7895e+02	2.8074e+03	-7.8896e+04
	2012	2.7272e+02	7.0191e+02	-3.3445e+01	8.7895e+02	-4.0667e+03	9.9807e+03
603	1940	-2.8439e+02	-1.0465e+03	-3.7219e+01	-1.6870e+02	4.4704e+03	-1.4708e+05
	2011	2.8439e+02	1.0465e+03	9.8563e+00	1.6870e+02	-2.9369e+03	7.8905e+04
604	2010	-1.1411e+03	1.4375e+03	1.1395e+02	-1.4017e+02	-2.3756e+02	-9.1624e+04
	1940	1.1411e+03	-1.4375e+03	-1.3015e+02	1.4017e+02	-4.4712e+03	1.4708e+05
605	2009	-9.4919e+02	1.0369e+03	-7.4599e+00	-1.4816e+02	-1.6349e+03	1.3483e+04
	2010	9.4919e+02	-1.0369e+03	-3.5122e+01	1.4816e+02	2.3258e+02	9.1648e+04
606	2007	-7.5160e+02	6.7798e+02	-6.5433e+01	-3.1186e+02	2.8526e+03	8.1869e+04
	2009	7.5160e+02	-6.7798e+02	2.3054e+01	3.1186e+02	1.6117e+03	-1.3460e+04
607	2006	-9.2231e+02	3.3036e+02	2.8217e+01	3.8280e+00	-2.1126e+03	1.1517e+05
	2007	9.2231e+02	-3.3036e+02	-7.0578e+01	-3.8280e+00	-2.8696e+03	-8.1853e+04
608	2004	-8.9184e+02	-3.7966e+01	-6.4483e+01	-2.0472e+02	2.3219e+03	1.1124e+05
	2006	8.9184e+02	3.7966e+01	2.1008e+01	2.0472e+02	2.1027e+03	-1.1517e+05
609	2003	-9.4277e+02	-3.9717e+02	3.5138e+01	4.4834e+01	-3.1858e+03	7.2031e+04
	2004	9.4277e+02	3.9717e+02	-7.6605e+01	-4.4834e+01	-2.3306e+03	-1.1124e+05
610	2001	-1.0849e+03	-7.3826e+02	-1.8101e+01	-3.0098e+02	-3.4777e+03	-2.2676e+03
	2003	1.0849e+03	7.3826e+02	-2.4178e+01	3.0098e+02	3.1718e+03	-7.2048e+04
611	2000	-1.2114e+01	8.3573e+02	1.3860e+02	6.2291e+02	-3.9811e+03	-6.5687e+04
	1950	1.2114e+01	-8.3573e+02	-1.7466e+02	-6.2291e+02	-9.4683e+03	1.3745e+05
612	1999	1.8800e+02	3.8534e+02	-4.5276e+01	3.5597e+02	-1.5813e+03	-2.6493e+04
	2000	-1.8800e+02	-3.8534e+02	2.5575e+00	-3.5597e+02	4.0139e+03	6.5686e+04
613	1969	-4.2231e+01	-7.6844e+00	-9.1880e+00	2.3941e+02	-1.5073e+03	-2.6703e+04
	1999	4.2231e+01	7.6844e+00	-1.9954e+00	-2.3941e+02	1.6031e+03	2.6498e+04
614	1982	4.6694e+02	1.9904e+02	7.1885e+01	1.9001e+03	-1.2930e+04	2.9654e+04
	1971	-4.6694e+02	-1.9904e+02	-1.0168e+02	-1.9001e+03	0.0000e+00	0.0000e+00
615	1984	9.4590e+02	-3.8667e+01	-8.9226e+01	-4.7986e+02	-5.2613e+03	2.5851e+04
	1982	-9.4590e+02	3.8667e+01	6.9583e+01	4.7986e+02	1.3060e+04	-2.9648e+04
616	1985	1.0618e+03	-3.1273e+02	-9.5867e+01	-1.0081e+03	3.4431e+03	-5.6018e+03
	1984	-1.0618e+03	3.1273e+02	7.5755e+01	1.0081e+03	5.1861e+03	-2.5847e+04
617	1986	1.1649e+03	-5.2370e+02	-6.7583e+00	-9.1726e+02	3.1680e+03	-5.7022e+04
	1985	-1.1649e+03	5.2370e+02	-1.2878e+01	9.1726e+02	-3.4685e+03	5.6035e+03
618	1938	1.0742e+03	-9.9745e+02	-2.1819e+01	-1.1802e+02	4.2931e+03	-1.2200e+05
	1986	-1.0742e+03	9.9745e+02	8.7891e+00	1.1802e+02	-3.2960e+03	5.7013e+04
619	1998	3.5329e+02	1.0823e+03	1.3850e+02	-9.0629e+01	-1.1987e+03	-8.0240e+04
	1938	-3.5329e+02	-1.0823e+03	-1.4621e+02	9.0629e+01	-4.2936e+03	1.2200e+05
620	1997	6.6645e+02	8.7151e+02	-1.0317e+01	-1.3215e+02	-1.1768e+03	8.1471e+03
	1998	-6.6645e+02	-8.7151e+02	-9.9606e+00	1.3215e+02	1.1948e+03	8.0213e+04

621	1995	7.9286e+02	5.8617e+02	-4.6596e+01	-2.4985e+02	2.5260e+03	6.7323e+04
	1997	-7.9286e+02	-5.8617e+02	2.6415e+01	2.4985e+02	1.1575e+03	-8.1772e+03
622	1994	8.6716e+02	2.7809e+02	4.4639e+01	2.9639e+01	-2.9813e+03	9.5392e+04
	1995	-8.6716e+02	-2.7809e+02	-6.4811e+01	-2.9639e+01	-2.5382e+03	-6.7344e+04
623	1992	8.8721e+02	-2.6839e+01	-7.8690e+01	-2.6478e+02	4.1041e+03	9.2621e+04
	1994	-8.8721e+02	2.6839e+01	5.7987e+01	2.6478e+02	2.9697e+03	-9.5399e+04
624	1991	3.3870e+02	-3.6636e+02	8.4528e+01	1.7678e+02	-5.2116e+03	5.6440e+04
	1992	-3.3870e+02	3.6636e+02	-1.0427e+02	-1.7678e+02	-4.1089e+03	-9.2611e+04
625	1989	2.4715e+02	-6.1317e+02	-4.5787e+01	-3.8954e+02	-1.6043e+03	-5.3071e+03
	1991	-2.4715e+02	6.1317e+02	2.5654e+01	3.8954e+02	5.2000e+03	-5.6416e+04
626	1988	3.2417e+02	5.8782e+02	1.3044e+02	5.5171e+02	-3.3924e+03	-5.5463e+04
	1939	-3.2417e+02	-5.8782e+02	-1.4761e+02	-5.5171e+02	-8.5453e+03	1.0594e+05
627	1987	2.1699e+02	3.7442e+02	-2.3912e+01	3.2387e+02	-2.0241e+03	-1.7384e+04
	1988	-2.1699e+02	-3.7442e+02	3.5696e+00	-3.2387e+02	3.4217e+03	5.5466e+04
628	1970	1.2098e+02	1.7744e+02	-1.7666e+01	1.7502e+02	-1.6429e+03	-1.2655e+04
	1987	-1.2098e+02	-1.7744e+02	1.2341e+01	-1.7502e+02	2.0424e+03	1.7380e+04
629	1910	0.0000e+00	-1.8490e+02	0.0000e+00	-2.4301e+02	0.0000e+00	-1.2752e+04
	28	0.0000e+00	1.8490e+02	0.0000e+00	2.4301e+02	0.0000e+00	-2.1824e+04
630	1905	0.0000e+00	-1.0193e+02	0.0000e+00	-1.0963e+03	0.0000e+00	-5.7266e+03
	33	0.0000e+00	1.0193e+02	0.0000e+00	1.0963e+03	0.0000e+00	-1.3334e+04
631	1915	0.0000e+00	-1.6293e+02	0.0000e+00	-1.1642e+03	0.0000e+00	-1.0216e+04
	23	0.0000e+00	1.6293e+02	0.0000e+00	1.1642e+03	0.0000e+00	-2.0251e+04
632	1894	1.6177e+02	3.7360e+02	-9.1620e+01	1.3977e+03	1.2396e+04	4.5953e+04
	1981	-1.6177e+02	-3.7360e+02	9.1620e+01	-1.3977e+03	-1.1266e+03	-5.8208e-11
633	1895	-7.8135e+02	-4.1694e+02	-1.0768e+02	1.3675e+03	1.4346e+04	-5.1283e+04
	1980	7.8135e+02	4.1694e+02	1.0768e+02	-1.3675e+03	-1.1022e+03	7.2760e-12
634	1896	-3.3596e+02	4.8726e-01	-1.0235e+02	1.3485e+03	1.3676e+04	5.9933e+01
	1979	3.3596e+02	-4.8726e-01	1.0235e+02	-1.3485e+03	-1.0870e+03	0.0000e+00
635	1897	-2.9273e+02	4.9397e+01	-1.0182e+02	1.3362e+03	1.3601e+04	6.0758e+03
	1978	2.9273e+02	-4.9397e+01	1.0182e+02	-1.3362e+03	-1.0770e+03	2.9104e-11
636	1898	-4.3328e+02	-7.2502e+01	-1.0366e+02	1.3174e+03	1.3812e+04	-8.9177e+03
	1977	4.3328e+02	7.2502e+01	1.0366e+02	-1.3174e+03	-1.0618e+03	1.4552e-11
637	1899	-2.3569e+02	1.0351e+02	-1.0083e+02	1.3268e+03	1.3472e+04	1.2732e+04
	1976	2.3569e+02	-1.0351e+02	1.0083e+02	-1.3268e+03	-1.0695e+03	-1.4552e-11
638	1900	-4.3394e+02	-7.3280e+01	-1.0442e+02	1.3257e+03	1.3913e+04	-9.0134e+03
	1975	4.3394e+02	7.3280e+01	1.0442e+02	-1.3257e+03	-1.0685e+03	-7.2760e-12
639	1901	-3.4511e+02	-9.8504e+00	-1.0342e+02	1.3525e+03	1.3811e+04	-1.2116e+03
	1974	3.4511e+02	9.8504e+00	1.0342e+02	-1.3525e+03	-1.0902e+03	-1.4552e-11
640	1902	-3.6557e+02	-3.2918e+01	-1.0479e+02	1.3742e+03	1.3997e+04	-4.0490e+03
	1973	3.6557e+02	3.2918e+01	1.0479e+02	-1.3742e+03	-1.1076e+03	0.0000e+00
641	1903	-7.4811e+02	-3.6950e+02	-1.1140e+02	1.4059e+03	1.4835e+04	-4.5448e+04
	1972	7.4811e+02	3.6950e+02	1.1140e+02	-1.4059e+03	-1.1332e+03	-3.6380e-12
642	1904	2.3864e+02	4.4799e+02	-1.0168e+02	1.4794e+03	1.3699e+04	5.5103e+04
	1971	-2.3864e+02	-4.4799e+02	1.0168e+02	-1.4794e+03	-1.1924e+03	-5.8208e-11
2422	55	-2.0037e-12	-7.7123e+01	-5.3291e-15	-6.4973e+01	0.0000e+00	-1.4587e+04
	56	2.0037e-12	7.7123e+01	5.3291e-15	6.4973e+01	0.0000e+00	-1.6262e+04
2423	54	-1.8616e-12	-5.1580e+01	0.0000e+00	1.7131e+00	2.2737e-13	-1.1192e+04
	55	1.8616e-12	5.1580e+01	0.0000e+00	-1.7131e+00	0.0000e+00	-1.1504e+04
2424	53	2.6574e-12	-1.1880e+02	0.0000e+00	1.3955e+01	0.0000e+00	-1.6668e+04
	54	-2.6574e-12	1.1880e+02	0.0000e+00	-1.3955e+01	0.0000e+00	-1.6596e+04
2425	52	3.4532e-12	-5.1969e+01	0.0000e+00	1.6865e+01	2.2737e-13	-1.1561e+04
	53	-3.4532e-12	5.1969e+01	0.0000e+00	-1.6865e+01	0.0000e+00	-1.1306e+04
2426	51	9.9476e-13	-8.0435e+01	4.4409e-16	4.9283e+01	5.6843e-14	-1.3900e+04
	52	-9.9476e-13	8.0435e+01	-4.4409e-16	-4.9283e+01	-5.6843e-14	-1.4252e+04
2427	50	1.2363e-12	-8.0979e+01	6.6613e-16	-2.5045e+01	-1.7053e-13	-1.4369e+04

	51	-1.2363e-12	8.0979e+01	-6.6613e-16	2.5045e+01	-1.7053e-13	-1.3973e+04
2428	49	3.2401e-12	-5.1742e+01	-4.4409e-16	7.8028e+00	0.0000e+00	-1.1213e+04
	50	-3.2401e-12	5.1742e+01	4.4409e-16	-7.8028e+00	1.1369e-13	-1.1554e+04
2429	48	-2.7711e-12	-1.1820e+02	0.0000e+00	1.2083e+01	0.0000e+00	-1.6577e+04
	49	2.7711e-12	1.1820e+02	0.0000e+00	-1.2083e+01	0.0000e+00	-1.6519e+04
2430	47	-3.3822e-12	-5.2604e+01	0.0000e+00	3.0638e+01	0.0000e+00	-1.1746e+04
	48	3.3822e-12	5.2604e+01	0.0000e+00	-3.0638e+01	0.0000e+00	-1.1400e+04
2431	35	-3.2685e-13	-7.1760e+01	-3.5527e-15	1.0733e+02	0.0000e+00	-1.5020e+04
	47	3.2685e-13	7.1760e+01	3.5527e-15	-1.0733e+02	0.0000e+00	-1.3684e+04
2432	45	7.3896e-13	-7.7653e+01	-5.3291e-15	9.2373e+01	0.0000e+00	-1.4665e+04
	46	-7.3896e-13	7.7653e+01	5.3291e-15	-9.2373e+01	0.0000e+00	-1.6396e+04
2433	44	7.3896e-13	-5.1728e+01	0.0000e+00	5.7361e+01	6.8212e-13	-1.1189e+04
	45	-7.3896e-13	5.1728e+01	0.0000e+00	-5.7361e+01	6.8212e-13	-1.1571e+04
2434	43	-2.1600e-12	-1.2189e+02	-7.1054e-15	3.0937e+01	0.0000e+00	-1.7158e+04
	44	2.1600e-12	1.2189e+02	7.1054e-15	-3.0937e+01	-4.5475e-13	-1.6970e+04
2435	42	3.4106e-13	-5.3763e+01	4.4409e-16	3.4448e+01	2.2737e-13	-1.1923e+04
	43	-3.4106e-13	5.3763e+01	-4.4409e-16	-3.4448e+01	2.2737e-13	-1.1733e+04
2436	65	1.5348e-12	-7.8048e+01	-5.3291e-15	-8.4731e+01	0.0000e+00	-1.4748e+04
	66	-1.5348e-12	7.8048e+01	5.3291e-15	8.4731e+01	0.0000e+00	-1.6471e+04
2437	64	1.8758e-12	-5.3743e+01	-8.8818e-16	-2.8532e+00	0.0000e+00	-1.1621e+04
	65	-1.8758e-12	5.3743e+01	8.8818e-16	2.8532e+00	-2.2737e-13	-1.2026e+04
2438	63	5.6843e-13	-1.2578e+02	0.0000e+00	2.5248e+01	-4.5475e-13	-1.7698e+04
	64	-5.6843e-13	1.2578e+02	0.0000e+00	-2.5248e+01	0.0000e+00	-1.7521e+04
2439	62	1.1369e-12	-5.5276e+01	-4.4409e-16	2.6723e+01	0.0000e+00	-1.2262e+04
	63	-1.1369e-12	5.5276e+01	4.4409e-16	-2.6723e+01	0.0000e+00	-1.2060e+04
2440	61	1.1369e-12	-8.6205e+01	6.6613e-16	3.0119e+01	-1.7053e-13	-1.4921e+04
	62	-1.1369e-12	8.6205e+01	-6.6613e-16	-3.0119e+01	8.5265e-14	-1.5251e+04
2441	41	-3.4106e-13	-8.2128e+01	6.6613e-16	2.2783e+01	-2.2737e-13	-1.4208e+04
	42	3.4106e-13	8.2128e+01	-6.6613e-16	-2.2783e+01	-5.6843e-14	-1.4537e+04
2442	40	-1.1369e-12	-8.3822e+01	0.0000e+00	4.4434e+01	-2.8422e-14	-1.4886e+04
	41	1.1369e-12	8.3822e+01	0.0000e+00	-4.4434e+01	0.0000e+00	-1.4452e+04
2443	39	3.4106e-13	-5.3026e+01	-4.4409e-16	3.7089e+01	1.1369e-13	-1.1455e+04
	40	-3.4106e-13	5.3026e+01	4.4409e-16	-3.7089e+01	1.1369e-13	-1.1876e+04
2444	38	-2.3874e-12	-1.2207e+02	0.0000e+00	2.2024e+01	4.5475e-13	-1.7175e+04
	39	2.3874e-12	1.2207e+02	0.0000e+00	-2.2024e+01	0.0000e+00	-1.7006e+04
2445	37	6.8212e-13	-5.6158e+01	0.0000e+00	-7.2158e-01	0.0000e+00	-1.2527e+04
	38	-6.8212e-13	5.6158e+01	0.0000e+00	7.2158e-01	-4.5475e-13	-1.2183e+04
2446	34	9.0949e-13	-7.0330e+01	0.0000e+00	3.9847e+01	0.0000e+00	-1.4680e+04
	37	-9.0949e-13	7.0330e+01	0.0000e+00	-3.9847e+01	0.0000e+00	-1.3452e+04
2447	60	1.8190e-12	-8.4749e+01	2.2204e-16	2.6524e+01	-1.9895e-13	-1.5056e+04
	61	-1.8190e-12	8.4749e+01	-2.2204e-16	-2.6524e+01	-1.7053e-13	-1.4606e+04
2448	59	3.4106e-13	-5.4676e+01	-1.3323e-15	3.3538e+01	-1.1369e-13	-1.1817e+04
	60	-3.4106e-13	5.4676e+01	1.3323e-15	-3.3538e+01	-1.1369e-13	-1.2241e+04
2449	58	2.7285e-12	-1.2552e+02	3.5527e-15	3.7788e+01	0.0000e+00	-1.7651e+04
	59	-2.7285e-12	1.2552e+02	-3.5527e-15	-3.7788e+01	0.0000e+00	-1.7494e+04
2450	57	1.7053e-13	-5.7138e+01	-1.7764e-15	7.8018e+01	2.2737e-13	-1.2722e+04
	58	-1.7053e-13	5.7138e+01	1.7764e-15	-7.8018e+01	0.0000e+00	-1.2418e+04
2451	36	1.0800e-12	-7.6804e+01	0.0000e+00	5.8504e+01	-4.5475e-13	-1.6036e+04
	57	-1.0800e-12	7.6804e+01	0.0000e+00	-5.8504e+01	0.0000e+00	-1.4686e+04
2452	56	4.5475e-13	-4.3126e+01	-1.0658e-14	-3.0318e+02	-3.2401e-12	-9.8138e+03
	46	-4.5475e-13	4.3126e+01	1.0658e-14	3.0318e+02	3.0411e-12	-8.9893e+03
2453	66	0.0000e+00	3.5933e+01	3.2863e-14	7.0950e+02	-4.4338e-12	3.9809e+03
	56	0.0000e+00	-3.5933e+01	-3.2863e-14	-7.0950e+02	1.7053e-12	6.9428e+03
2454	55	0.0000e+00	-4.8141e+01	1.2434e-14	-2.2428e+02	-2.2169e-12	-1.1298e+04
	45	0.0000e+00	4.8141e+01	-1.2434e-14	2.2428e+02	-3.4106e-12	-9.6915e+03

2455	65	0.0000e+00	5.5955e+01	4.4409e-15	6.1351e+02	-1.5916e-12	6.9539e+03
	55	0.0000e+00	-5.5955e+01	-4.4409e-15	-6.1351e+02	5.0022e-12	1.0057e+04
2456	54	0.0000e+00	-5.0649e+01	-1.1324e-14	-1.1744e+02	-3.0695e-12	-1.1997e+04
	44	0.0000e+00	5.0649e+01	1.1324e-14	1.1744e+02	3.1264e-12	-1.0086e+04
2457	64	0.0000e+00	6.5893e+01	3.2863e-14	4.1024e+02	-4.4338e-12	8.4465e+03
	54	0.0000e+00	-6.5893e+01	-3.2863e-14	-4.1024e+02	1.7053e-12	1.1585e+04
2458	53	2.2737e-13	-5.0209e+01	-6.2172e-15	-2.3094e+02	3.0695e-12	-1.1930e+04
	43	-2.2737e-13	5.0209e+01	6.2172e-15	2.3094e+02	2.0179e-12	-9.9607e+03
2459	63	2.2737e-13	6.8639e+01	2.7534e-14	5.5593e+02	-3.6380e-12	8.8921e+03
	53	-2.2737e-13	-6.8639e+01	-2.7534e-14	-5.5593e+02	2.5011e-12	1.1974e+04
2460	52	0.0000e+00	-4.7654e+01	-1.0658e-14	-1.3180e+02	-3.0695e-12	-1.1421e+04
	42	0.0000e+00	4.7654e+01	1.0658e-14	1.3180e+02	3.1264e-12	-9.3557e+03
2461	62	2.2737e-13	6.9539e+01	1.2434e-14	4.3822e+02	-2.3874e-12	9.0675e+03
	52	-2.2737e-13	-6.9539e+01	-1.2434e-14	-4.3822e+02	4.0927e-12	1.2072e+04
2462	51	4.9160e-14	-4.6108e+01	1.1102e-14	-1.5909e+02	-1.9327e-12	-1.1027e+04
	41	-4.9160e-14	4.6108e+01	-1.1102e-14	1.5909e+02	-3.1832e-12	-9.0764e+03
2463	61	1.6529e-13	6.7593e+01	7.1054e-15	4.7551e+02	-1.5916e-12	8.7119e+03
	51	-1.6529e-13	-6.7593e+01	-7.1054e-15	-4.7551e+02	4.8885e-12	1.1836e+04
2464	50	0.0000e+00	-4.5010e+01	1.2212e-14	-2.0528e+02	-2.1032e-12	-1.0939e+04
	40	0.0000e+00	4.5010e+01	-1.2212e-14	2.0528e+02	-3.3253e-12	-8.6860e+03
2465	60	0.0000e+00	7.4384e+01	2.2204e-14	5.7118e+02	-2.8422e-12	9.9050e+03
	50	0.0000e+00	-7.4384e+01	-2.2204e-14	-5.7118e+02	3.2969e-12	1.2708e+04
2466	49	0.0000e+00	-4.3322e+01	-1.3101e-14	-8.3472e+01	-2.6716e-12	-1.0651e+04
	39	0.0000e+00	4.3322e+01	1.3101e-14	8.3472e+01	3.5243e-12	-8.2378e+03
2467	59	0.0000e+00	7.7810e+01	2.7534e-14	3.8918e+02	-3.6380e-12	1.0527e+04
	49	0.0000e+00	-7.7810e+01	-2.7534e-14	-3.8918e+02	2.5011e-12	1.3128e+04
2468	48	2.2737e-13	-4.1714e+01	1.0658e-14	-1.9113e+02	-1.8190e-12	-1.0317e+04
	38	-2.2737e-13	4.1714e+01	-1.0658e-14	1.9113e+02	-3.0127e-12	-7.8700e+03
2469	58	-4.5475e-13	7.9213e+01	4.9738e-14	5.2751e+02	-6.5938e-12	1.0804e+04
	48	4.5475e-13	-7.9213e+01	-4.9738e-14	-5.2751e+02	-5.6843e-13	1.3277e+04
2470	47	4.5475e-13	-3.4139e+01	-1.2879e-14	-1.8827e+02	-2.8990e-12	-8.5801e+03
	37	-4.5475e-13	3.4139e+01	1.2879e-14	1.8827e+02	3.1264e-12	-6.3043e+03
2471	57	0.0000e+00	7.1681e+01	7.9936e-15	4.3379e+02	-1.2506e-12	9.8448e+03
	47	0.0000e+00	-7.1681e+01	-7.9936e-15	-4.3379e+02	5.0022e-12	1.1946e+04
2472	35	0.0000e+00	-3.5992e+01	1.2212e-14	-3.6868e+01	-2.1032e-12	-8.8165e+03
	34	0.0000e+00	3.5992e+01	-1.2212e-14	3.6868e+01	-3.3253e-12	-6.8760e+03
2473	36	0.0000e+00	7.0235e+01	3.3751e-14	4.6292e+02	-4.8885e-12	9.4510e+03
	35	0.0000e+00	-7.0235e+01	-3.3751e-14	-4.6292e+02	1.4779e-12	1.1900e+04
2474	33	-1.5123e+03	-2.0196e+01	-1.1687e+02	-1.2411e+02	3.4950e+04	-4.4774e+03
	66	1.5123e+03	2.0196e+01	1.1687e+02	1.2411e+02	1.4485e+04	-4.0656e+03
2475	22	-1.9368e+00	1.3646e+01	-1.1565e+02	-1.2411e+02	3.3671e+04	2.9664e+03
	56	1.9368e+00	-1.3646e+01	1.1565e+02	1.2411e+02	1.5249e+04	2.8060e+03
2476	21	-1.2964e+02	7.1930e+00	-1.4888e+02	-1.2411e+02	3.7725e+04	1.7347e+03
	55	1.2964e+02	-7.1930e+00	1.4888e+02	1.2411e+02	2.5253e+04	1.3080e+03
2477	32	-2.6730e+03	-3.5263e+01	-1.5040e+02	-1.2411e+02	3.8936e+04	-8.0441e+03
	65	2.6730e+03	3.5263e+01	1.5040e+02	1.2411e+02	2.4684e+04	-6.8720e+03
2478	20	-4.9322e+01	2.8646e+00	-1.5539e+02	-1.2411e+02	3.8472e+04	7.8759e+02
	54	4.9322e+01	-2.8646e+00	1.5539e+02	1.2411e+02	2.7260e+04	4.2413e+02
2479	19	-1.8568e+02	4.9130e-01	-1.5603e+02	-1.2411e+02	3.8813e+04	2.4882e+02
	53	1.8568e+02	-4.9130e-01	1.5603e+02	1.2411e+02	2.7187e+04	-4.1002e+01
2480	8	-2.8238e+03	5.7396e+01	-1.6020e+02	-1.2411e+02	4.0806e+04	1.4314e+04
	43	2.8238e+03	-5.7396e+01	1.6020e+02	1.2411e+02	2.6958e+04	9.9642e+03
2481	9	-2.6450e+03	5.7567e+01	-1.5111e+02	-1.2411e+02	3.7813e+04	1.4291e+04
	44	2.6450e+03	-5.7567e+01	1.5111e+02	1.2411e+02	2.6106e+04	1.0060e+04
2482	10	-2.8633e+03	5.4948e+01	-1.4760e+02	-1.2411e+02	3.8159e+04	1.3586e+04

	45	2.8633e+03	-5.4948e+01	1.4760e+02	1.2411e+02	2.4275e+04	9.6565e+03
2483	11	-1.7171e+03	5.2362e+01	-1.1734e+02	-1.2411e+02	3.5128e+04	1.3067e+04
	46	1.7171e+03	-5.2362e+01	1.1734e+02	1.2411e+02	1.4508e+04	9.0817e+03
2484	31	-2.3750e+03	-4.4135e+01	-1.5574e+02	-1.2411e+02	3.9028e+04	-1.0251e+04
	64	2.3750e+03	4.4135e+01	1.5574e+02	1.2411e+02	2.6852e+04	-8.4184e+03
2485	30	-2.5176e+03	-4.6848e+01	-1.6400e+02	-1.2411e+02	4.1758e+04	-1.0926e+04
	63	2.5176e+03	4.6848e+01	1.6400e+02	1.2411e+02	2.7615e+04	-8.8906e+03
2486	18	-8.8727e+01	-2.2601e+00	-1.4855e+02	-1.2411e+02	3.7593e+04	-3.3756e+02
	52	8.8727e+01	2.2601e+00	1.4855e+02	1.2411e+02	2.5243e+04	-6.1846e+02
2487	6	-2.7248e+03	5.2777e+01	-1.5631e+02	-1.2411e+02	3.9455e+04	1.3227e+04
	41	2.7248e+03	-5.2777e+01	1.5631e+02	1.2411e+02	2.6663e+04	9.0980e+03
2488	29	-2.6525e+03	-4.7113e+01	-1.5220e+02	-1.2411e+02	3.9128e+04	-1.0865e+04
	62	2.6525e+03	4.7113e+01	1.5220e+02	1.2411e+02	2.5253e+04	-9.0641e+03
2489	17	-1.1316e+02	-4.1004e+00	-1.5579e+02	-1.2411e+02	3.8660e+04	-8.5079e+02
	51	1.1316e+02	4.1004e+00	1.5579e+02	1.2411e+02	2.7239e+04	-8.8370e+02
2490	7	-2.8988e+03	5.3632e+01	-1.4696e+02	-1.2411e+02	3.7729e+04	1.3342e+04
	42	2.8988e+03	-5.3632e+01	1.4696e+02	1.2411e+02	2.4434e+04	9.3440e+03
2491	5	-2.9601e+03	4.9991e+01	-1.5173e+02	-1.2411e+02	3.9373e+04	1.2468e+04
	40	2.9601e+03	-4.9991e+01	1.5173e+02	1.2411e+02	2.4811e+04	8.6786e+03
2492	28	-2.3853e+03	-4.3961e+01	-1.6026e+02	-1.2411e+02	4.0484e+04	-9.8798e+03
	61	2.3853e+03	4.3961e+01	1.6026e+02	1.2411e+02	2.7304e+04	-8.7155e+03
2493	16	-1.4863e+02	-7.7552e+00	-1.4875e+02	-1.2411e+02	3.7773e+04	-1.5441e+03
	50	1.4863e+02	7.7552e+00	1.4875e+02	1.2411e+02	2.5147e+04	-1.7364e+03
2494	27	-2.7084e+03	-5.1618e+01	-1.5400e+02	-1.2411e+02	3.9972e+04	-1.1936e+04
	60	2.7084e+03	5.1618e+01	1.5400e+02	1.2411e+02	2.5169e+04	-9.8980e+03
2495	4	-2.6450e+03	4.7294e+01	-1.5242e+02	-1.2411e+02	3.8089e+04	1.1783e+04
	39	2.6450e+03	-4.7294e+01	1.5242e+02	1.2411e+02	2.6385e+04	8.2227e+03
2496	15	-5.4675e+01	-1.1277e+01	-1.5526e+02	-1.2411e+02	3.8418e+04	-2.2972e+03
	49	5.4675e+01	1.1277e+01	1.5526e+02	1.2411e+02	2.7259e+04	-2.4728e+03
2497	26	-2.3638e+03	-5.5374e+01	-1.5640e+02	-1.2411e+02	3.9163e+04	-1.2901e+04
	59	2.3638e+03	5.5374e+01	1.5640e+02	1.2411e+02	2.6995e+04	-1.0522e+04
2498	3	-2.7627e+03	4.5354e+01	-1.6224e+02	-1.2411e+02	4.1242e+04	1.1338e+04
	38	2.7627e+03	-4.5354e+01	1.6224e+02	1.2411e+02	2.7384e+04	7.8472e+03
2499	14	-1.8652e+02	-1.3624e+01	-1.5619e+02	-1.2411e+02	3.8809e+04	-2.8218e+03
	48	1.8652e+02	1.3624e+01	1.5619e+02	1.2411e+02	2.7258e+04	-2.9410e+03
2500	25	-2.4994e+03	-5.6761e+01	-1.6528e+02	-1.2411e+02	4.2026e+04	-1.3246e+04
	58	2.4994e+03	5.6761e+01	1.6528e+02	1.2411e+02	2.7889e+04	-1.0764e+04
2501	2	-2.5754e+03	3.6710e+01	-1.4667e+02	-1.2411e+02	3.8047e+04	9.1835e+03
	37	2.5754e+03	-3.6710e+01	1.4667e+02	1.2411e+02	2.3992e+04	6.3448e+03
2502	13	-8.6663e+01	-1.5294e+01	-1.4738e+02	-1.2411e+02	3.7535e+04	-3.1800e+03
	47	8.6663e+01	1.5294e+01	1.4738e+02	1.2411e+02	2.4808e+04	-3.2893e+03
2503	24	-2.4444e+03	-5.1433e+01	-1.5319e+02	-1.2411e+02	3.9673e+04	-1.1892e+04
	57	2.4444e+03	5.1433e+01	1.5319e+02	1.2411e+02	2.5128e+04	-9.8643e+03
2504	1	-2.2399e+03	4.0620e+01	-9.2839e+01	-1.2411e+02	2.6739e+04	1.0346e+04
	34	2.2399e+03	-4.0620e+01	9.2839e+01	1.2411e+02	1.2532e+04	6.8361e+03
2505	12	-1.7799e+02	-1.6656e+01	-1.0439e+02	-1.2411e+02	2.9638e+04	-3.8543e+03
	35	1.7799e+02	1.6656e+01	1.0439e+02	1.2411e+02	1.4520e+04	-3.1912e+03
2506	23	-1.7950e+03	-4.9179e+01	-1.0303e+02	-1.2411e+02	2.9793e+04	-1.1293e+04
	36	1.7950e+03	4.9179e+01	1.0303e+02	1.2411e+02	1.3787e+04	-9.5095e+03
654	1906	0.0000e+00	1.9590e+02	0.0000e+00	-2.6625e+03	0.0000e+00	1.1699e+04
	1905	0.0000e+00	2.0738e+02	0.0000e+00	5.7266e+03	0.0000e+00	-1.0963e+03
655	1907	0.0000e+00	1.4576e+02	0.0000e+00	-3.3229e+02	0.0000e+00	8.1243e+03
	1906	0.0000e+00	1.6330e+02	0.0000e+00	2.6625e+03	0.0000e+00	-1.1699e+04
656	1908	0.0000e+00	1.2521e+02	0.0000e+00	1.0217e+03	0.0000e+00	8.2076e+03
	1907	0.0000e+00	1.2547e+02	0.0000e+00	3.3229e+02	0.0000e+00	-8.1243e+03

657	1909	0.0000e+00	1.4691e+02	0.0000e+00	3.5927e+03	0.0000e+00	8.3219e+03
	1908	0.0000e+00	1.4478e+02	0.0000e+00	-1.0217e+03	0.0000e+00	-8.2076e+03
658	1910	0.0000e+00	2.2135e+02	0.0000e+00	6.6544e+03	0.0000e+00	1.5223e+04
	1909	0.0000e+00	1.5276e+02	0.0000e+00	-3.5927e+03	0.0000e+00	-8.3219e+03
659	1911	0.0000e+00	1.5275e+02	0.0000e+00	-2.9628e+03	0.0000e+00	8.3154e+03
	1910	0.0000e+00	2.2271e+02	0.0000e+00	6.0981e+03	0.0000e+00	-1.5466e+04
660	1912	0.0000e+00	1.4474e+02	0.0000e+00	-5.6134e+01	0.0000e+00	8.2575e+03
	1911	0.0000e+00	1.4705e+02	0.0000e+00	2.9628e+03	0.0000e+00	-8.3154e+03
661	1913	0.0000e+00	1.2237e+02	0.0000e+00	1.7093e+03	0.0000e+00	7.4961e+03
	1912	0.0000e+00	1.2673e+02	0.0000e+00	5.6134e+01	0.0000e+00	-8.2575e+03
662	1914	0.0000e+00	2.2328e+02	0.0000e+00	5.1933e+03	0.0000e+00	1.7336e+04
	1913	0.0000e+00	1.5042e+02	0.0000e+00	-1.7093e+03	0.0000e+00	-7.4961e+03
663	1915	0.0000e+00	1.6617e+02	0.0000e+00	1.0216e+04	0.0000e+00	-1.1642e+03
	1914	0.0000e+00	2.4483e+02	0.0000e+00	-5.1933e+03	0.0000e+00	-1.7336e+04
664	1895	0.0000e+00	3.1836e+02	0.0000e+00	3.8124e+04	0.0000e+00	3.2178e+04
	1894	0.0000e+00	-1.3058e+02	0.0000e+00	-4.7913e+04	0.0000e+00	-1.0760e+04
665	1896	0.0000e+00	1.7806e+02	0.0000e+00	-1.0215e+04	0.0000e+00	1.7054e+03
	1895	0.0000e+00	5.0665e+02	0.0000e+00	6.9554e+03	0.0000e+00	-4.6527e+04
666	1897	0.0000e+00	1.1704e+02	0.0000e+00	-7.2251e+03	0.0000e+00	3.2036e+03
	1896	0.0000e+00	2.0959e+02	0.0000e+00	3.2115e+03	0.0000e+00	-1.5741e+04
667	1898	0.0000e+00	2.0501e+02	0.0000e+00	-8.0600e+02	0.0000e+00	1.0593e+04
	1897	0.0000e+00	2.2771e+02	0.0000e+00	-5.5899e+03	0.0000e+00	-1.6573e+04
668	1899	0.0000e+00	1.0049e+02	0.0000e+00	-8.8869e+03	0.0000e+00	-1.6751e+03
	1898	0.0000e+00	2.7786e+02	0.0000e+00	3.2331e+03	0.0000e+00	-2.4546e+04
669	1900	0.0000e+00	1.9968e+02	0.0000e+00	4.6869e+03	0.0000e+00	1.0732e+04
	1899	0.0000e+00	1.8560e+02	0.0000e+00	-1.0129e+04	0.0000e+00	-1.1812e+04
670	1901	0.0000e+00	1.6657e+02	0.0000e+00	-2.7491e+03	0.0000e+00	4.0166e+03
	1900	0.0000e+00	2.8591e+02	0.0000e+00	-2.5666e+03	0.0000e+00	-2.4450e+04
671	1902	0.0000e+00	1.3851e+02	0.0000e+00	-2.7525e+02	0.0000e+00	4.1907e+03
	1901	0.0000e+00	2.3094e+02	0.0000e+00	-3.0642e+03	0.0000e+00	-1.8067e+04
672	1903	0.0000e+00	3.9479e+02	0.0000e+00	-1.9035e+03	0.0000e+00	2.9156e+04
	1902	0.0000e+00	2.8013e+02	0.0000e+00	-2.8778e+03	0.0000e+00	-1.7850e+04
673	1904	0.0000e+00	-1.9980e+02	0.0000e+00	-5.7244e+04	0.0000e+00	-1.5778e+04
	1903	0.0000e+00	3.8994e+02	0.0000e+00	4.2852e+04	0.0000e+00	-4.4074e+04

SFORZI "V+y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-5.8164e+02	-2.3236e-19	-3.2448e-19	-3.5467e-01	0.0000e+00	0.0000e+00
	1923	5.8164e+02	2.3236e-19	3.2448e-19	3.5467e-01	0.0000e+00	0.0000e+00
2	1916	2.2216e+02	0.0000e+00	0.0000e+00	-3.6974e-01	0.0000e+00	0.0000e+00
	1921	-2.2216e+02	0.0000e+00	0.0000e+00	3.6974e-01	0.0000e+00	0.0000e+00
3	2085	-3.3919e+02	3.0523e-18	-2.3348e-19	-1.4240e-01	0.0000e+00	0.0000e+00
	1918	3.3919e+02	-3.0523e-18	2.3348e-19	1.4240e-01	0.0000e+00	0.0000e+00
4	2008	8.0238e+02	2.3025e-19	3.6134e-18	9.3642e-02	0.0000e+00	0.0000e+00
	2079	-8.0238e+02	-2.3025e-19	-3.6134e-18	-9.3642e-02	0.0000e+00	0.0000e+00
5	1919	4.0229e+02	5.8047e-19	1.3384e-18	-3.3014e-02	0.0000e+00	0.0000e+00
	2056	-4.0229e+02	-5.8047e-19	-1.3384e-18	3.3014e-02	0.0000e+00	0.0000e+00
6	2098	-2.3996e+02	2.9850e-18	-2.0371e-19	1.2316e-01	0.0000e+00	0.0000e+00
	1937	2.3996e+02	-2.9850e-18	2.0371e-19	-1.2316e-01	0.0000e+00	0.0000e+00
7	2042	-1.3000e+02	1.5937e-18	-1.0974e-18	8.7720e-02	0.0000e+00	0.0000e+00
	2107	1.3000e+02	-1.5937e-18	1.0974e-18	-8.7720e-02	0.0000e+00	0.0000e+00
8	1925	2.4005e+02	1.3473e-18	6.3288e-19	4.7178e-02	0.0000e+00	0.0000e+00
	2008	-2.4005e+02	-1.3473e-18	-6.3288e-19	-4.7178e-02	0.0000e+00	0.0000e+00
9	2109	8.8966e+01	1.5523e-17	-2.2547e-18	8.4710e-02	0.0000e+00	0.0000e+00
	2123	-8.8966e+01	-1.5523e-17	2.2547e-18	-8.4710e-02	0.0000e+00	0.0000e+00

10	2084	6.7189e+01	-1.9535e-19	5.2209e-19	1.0845e-01	0.0000e+00	0.0000e+00
	2106	-6.7189e+01	1.9535e-19	-5.2209e-19	-1.0845e-01	0.0000e+00	0.0000e+00
11	2083	1.1020e+01	-2.2589e-18	2.0891e-19	9.1202e-02	0.0000e+00	0.0000e+00
	2078	-1.1020e+01	2.2589e-18	-2.0891e-19	-9.1202e-02	0.0000e+00	0.0000e+00
12	2058	3.3770e+01	-5.1762e-19	4.0523e-20	1.2119e-01	0.0000e+00	0.0000e+00
	2077	-3.3770e+01	5.1762e-19	-4.0523e-20	-1.2119e-01	0.0000e+00	0.0000e+00
13	2041	1.9597e+01	-1.2594e-19	5.5442e-19	9.6799e-02	0.0000e+00	0.0000e+00
	2055	-1.9597e+01	1.2594e-19	-5.5442e-19	-9.6799e-02	0.0000e+00	0.0000e+00
14	2024	4.3254e+01	1.6778e-17	-2.4728e-18	9.3317e-02	0.0000e+00	0.0000e+00
	2038	-4.3254e+01	-1.6778e-17	2.4728e-18	-9.3317e-02	0.0000e+00	0.0000e+00
15	2007	1.0558e+02	3.6774e-20	5.9764e-19	1.4803e-01	0.0000e+00	0.0000e+00
	2021	-1.0558e+02	-3.6774e-20	-5.9764e-19	-1.4803e-01	0.0000e+00	0.0000e+00
16	1982	-5.4291e+02	-2.1110e-19	-6.9107e-19	-4.4461e-01	0.0000e+00	0.0000e+00
	2012	5.4291e+02	2.1110e-19	6.9107e-19	4.4461e-01	0.0000e+00	0.0000e+00
17	1985	2.7583e+02	0.0000e+00	0.0000e+00	-4.6964e-01	0.0000e+00	0.0000e+00
	2010	-2.7583e+02	0.0000e+00	0.0000e+00	4.6964e-01	0.0000e+00	0.0000e+00
18	1998	-3.0088e+02	1.2590e-18	-2.1156e-19	-2.6921e-01	0.0000e+00	0.0000e+00
	2007	3.0088e+02	-1.2590e-18	2.1156e-19	2.6921e-01	0.0000e+00	0.0000e+00
19	1995	-9.3148e+01	9.6761e-19	-1.3946e-18	-1.6873e-02	0.0000e+00	0.0000e+00
	2004	9.3148e+01	-9.6761e-19	1.3946e-18	1.6873e-02	0.0000e+00	0.0000e+00
20	1992	6.1491e+02	8.1509e-19	-1.3445e-18	7.4619e-02	0.0000e+00	0.0000e+00
	2001	-6.1491e+02	-8.1509e-19	1.3445e-18	-7.4619e-02	0.0000e+00	0.0000e+00
21	1989	2.1266e+02	3.2119e-19	1.6162e-18	-4.3382e-02	0.0000e+00	0.0000e+00
	2000	-2.1266e+02	-3.2119e-19	-1.6162e-18	4.3382e-02	0.0000e+00	0.0000e+00
22	1988	-3.6199e+02	-4.6384e-20	1.2003e-18	8.1621e-02	0.0000e+00	0.0000e+00
	1928	3.6199e+02	4.6384e-20	-1.2003e-18	-8.1621e-02	0.0000e+00	0.0000e+00
643	1905	-5.0695e+01	3.2711e-14	2.0458e-13	1.8584e+02	0.0000e+00	0.0000e+00
	1960	5.0695e+01	-3.2711e-14	-2.0458e-13	-1.8584e+02	0.0000e+00	0.0000e+00
644	1906	1.1179e+02	1.4062e-14	2.0497e-13	2.0735e+02	0.0000e+00	0.0000e+00
	1961	-1.1179e+02	-1.4062e-14	-2.0497e-13	-2.0735e+02	0.0000e+00	0.0000e+00
645	1907	4.1432e+01	2.2040e-14	2.0514e-13	1.6047e+02	0.0000e+00	0.0000e+00
	1962	-4.1432e+01	-2.2040e-14	-2.0514e-13	-1.6047e+02	0.0000e+00	0.0000e+00
646	1908	4.0264e+01	2.2662e-14	2.0519e-13	1.4784e+02	0.0000e+00	0.0000e+00
	1963	-4.0264e+01	-2.2662e-14	-2.0519e-13	-1.4784e+02	0.0000e+00	0.0000e+00
647	1909	4.4426e+01	2.5166e-14	2.0520e-13	1.4577e+02	0.0000e+00	0.0000e+00
	1964	-4.4426e+01	-2.5166e-14	-2.0520e-13	-1.4577e+02	0.0000e+00	0.0000e+00
648	1910	3.8133e+01	2.3637e-14	2.0511e-13	1.2978e+02	0.0000e+00	0.0000e+00
	1965	-3.8133e+01	-2.3637e-14	-2.0511e-13	-1.2978e+02	0.0000e+00	0.0000e+00
649	1911	4.3814e+01	2.5677e-14	2.0503e-13	1.4189e+02	0.0000e+00	0.0000e+00
	1966	-4.3814e+01	-2.5677e-14	-2.0503e-13	-1.4189e+02	0.0000e+00	0.0000e+00
650	1912	3.9471e+01	2.4804e-14	2.0481e-13	1.3893e+02	0.0000e+00	0.0000e+00
	1967	-3.9471e+01	-2.4804e-14	-2.0481e-13	-1.3893e+02	0.0000e+00	0.0000e+00
651	1913	3.8928e+01	2.4605e-14	2.0464e-13	1.4824e+02	0.0000e+00	0.0000e+00
	1968	-3.8928e+01	-2.4605e-14	-2.0464e-13	-1.4824e+02	0.0000e+00	0.0000e+00
652	1914	8.7851e+00	3.2247e-14	2.0431e-13	1.8971e+02	0.0000e+00	0.0000e+00
	1969	-8.7851e+00	-3.2247e-14	-2.0431e-13	-1.8971e+02	0.0000e+00	0.0000e+00
653	1915	5.8027e+01	5.9936e-15	2.0412e-13	1.4379e+02	0.0000e+00	0.0000e+00
	1970	-5.8027e+01	-5.9936e-15	-2.0412e-13	-1.4379e+02	0.0000e+00	0.0000e+00
237	2116	-2.2169e+01	1.7467e+02	-1.3805e+02	-6.4378e+02	8.5996e+03	2.0088e+04
	2079	2.2169e+01	-1.7467e+02	1.1803e+02	6.4378e+02	4.2153e+03	-2.6050e+03
238	1959	2.8893e-01	2.0540e+02	-1.0190e+02	-1.2406e+02	9.9765e+03	2.2841e+04
	2116	-2.8893e-01	-2.0540e+02	9.9205e+01	1.2406e+02	-8.6228e+03	-2.0076e+04
239	2110	-5.8526e+01	1.0984e+02	-1.2488e+02	-5.5375e+02	7.6773e+03	1.0514e+04
	1919	5.8526e+01	-1.0984e+02	8.2843e+01	5.5375e+02	2.7177e+03	4.7940e+02
240	1958	-2.6839e+01	1.7556e+02	-1.1040e+02	-8.9807e+01	9.1450e+03	1.2896e+04

	2110	2.6839e+01	-1.7556e+02	1.0475e+02	8.9807e+01	-7.6967e+03	-1.0532e+04
241	2121	5.5588e+01	1.6765e+02	-1.1327e+02	-5.3536e+02	7.1289e+03	1.7385e+04
	2120	-5.5588e+01	-1.6765e+02	7.7238e+01	5.3536e+02	2.4046e+03	-6.0561e+02
242	1957	8.6988e+01	2.1747e+02	-1.2417e+02	-1.0452e+02	8.7873e+03	2.0306e+04
	2121	-8.6988e+01	-2.1747e+02	1.1932e+02	1.0452e+02	-7.1483e+03	-1.7378e+04
243	2104	5.5876e+01	1.6852e+02	-1.0974e+02	-5.2630e+02	6.9152e+03	1.7580e+04
	2103	-5.5876e+01	-1.6852e+02	7.3705e+01	5.2630e+02	2.2648e+03	-7.1370e+02
244	1956	8.7328e+01	2.1832e+02	-1.2888e+02	-1.0836e+02	8.6368e+03	2.0521e+04
	2104	-8.7328e+01	-2.1832e+02	1.2404e+02	1.0836e+02	-6.9343e+03	-1.7581e+04
245	2074	6.1329e+01	1.8496e+02	-1.0855e+02	-5.1616e+02	6.7490e+03	1.9249e+04
	2072	-6.1329e+01	-1.8496e+02	6.9018e+01	5.1616e+02	2.1372e+03	-7.3739e+02
246	1955	9.5842e+01	2.3961e+02	-1.3164e+02	-1.0827e+02	8.5042e+03	2.2471e+04
	2074	-9.5842e+01	-2.3961e+02	1.2632e+02	1.0827e+02	-6.7678e+03	-1.9245e+04
247	2073	5.4688e+01	1.6493e+02	-1.0606e+02	-5.1934e+02	6.7069e+03	1.7264e+04
	2071	-5.4688e+01	-1.6493e+02	7.1027e+01	5.1934e+02	2.1550e+03	-7.5695e+02
248	1954	8.5332e+01	2.1333e+02	-1.3404e+02	-1.1398e+02	8.4989e+03	2.0141e+04
	2073	-8.5332e+01	-2.1333e+02	1.2933e+02	1.1398e+02	-6.7260e+03	-1.7269e+04
249	2053	6.1487e+01	1.8544e+02	-1.0968e+02	-5.1841e+02	6.7840e+03	1.9356e+04
	2052	-6.1487e+01	-1.8544e+02	7.0148e+01	5.1841e+02	2.2152e+03	-7.9622e+02
250	1953	9.6029e+01	2.4007e+02	-1.3144e+02	-1.0839e+02	8.5367e+03	2.2584e+04
	2053	-9.6029e+01	-2.4007e+02	1.2612e+02	1.0839e+02	-6.8030e+03	-1.9352e+04
251	2036	5.6269e+01	1.6970e+02	-1.1244e+02	-5.3178e+02	6.9999e+03	1.7716e+04
	2035	-5.6269e+01	-1.6970e+02	7.6413e+01	5.3178e+02	2.4511e+03	-7.3101e+02
252	1952	8.7791e+01	2.1948e+02	-1.2838e+02	-1.0872e+02	8.7149e+03	2.0672e+04
	2036	-8.7791e+01	-2.1948e+02	1.2353e+02	1.0872e+02	-7.0192e+03	-1.7717e+04
253	2019	5.6318e+01	1.6985e+02	-1.1732e+02	-5.4364e+02	7.2551e+03	1.7808e+04
	2018	-5.6318e+01	-1.6985e+02	8.1287e+01	5.4364e+02	2.6837e+03	-8.0890e+02
254	1951	8.7849e+01	2.1962e+02	-1.2338e+02	-1.0518e+02	8.9031e+03	2.0772e+04
	2019	-8.7849e+01	-2.1962e+02	1.1853e+02	1.0518e+02	-7.2747e+03	-1.7816e+04
255	2002	1.2576e+02	2.2638e+02	-1.3162e+02	-5.6793e+02	7.8893e+03	2.5097e+04
	2001	-1.2576e+02	-2.2638e+02	8.9587e+01	5.6793e+02	3.1808e+03	-2.4399e+03
256	1950	1.6414e+02	2.8078e+02	-1.0895e+02	-9.1175e+01	9.3379e+03	2.8849e+04
	2002	-1.6414e+02	-2.8078e+02	1.0329e+02	9.1175e+01	-7.9092e+03	-2.5069e+04
257	1990	-1.2386e+02	5.8398e+01	-1.1372e+02	-5.6574e+02	7.7271e+03	5.0527e+03
	1989	1.2386e+02	-5.8398e+01	9.3705e+01	5.6574e+02	2.6532e+03	7.9218e+02
258	1939	-1.0823e+02	9.5472e+01	-1.1359e+02	-9.8774e+01	9.2583e+03	6.3594e+03
	1990	1.0823e+02	-9.5472e+01	1.1090e+02	9.8774e+01	-7.7472e+03	-5.0740e+03
259	36	1.7462e+02	3.4970e-15	-2.7136e+02	9.9092e-01	2.7136e+03	0.0000e+00
	1939	-1.7462e+02	-3.4970e-15	2.7136e+02	-9.9092e-01	0.0000e+00	0.0000e+00
260	2110	-3.8843e+01	3.2000e+01	-3.3778e-16	1.1453e+01	0.0000e+00	0.0000e+00
	2116	3.8843e+01	3.2000e+01	3.3778e-16	-1.1453e+01	0.0000e+00	0.0000e+00
261	2121	-5.8974e+01	3.5200e+01	1.8940e-16	-6.8973e+00	0.0000e+00	0.0000e+00
	2110	5.8974e+01	3.5200e+01	-1.8940e-16	6.8973e+00	0.0000e+00	0.0000e+00
262	2104	-5.2923e+01	2.2400e+01	0.0000e+00	-1.1194e-02	0.0000e+00	0.0000e+00
	2121	5.2923e+01	2.2400e+01	0.0000e+00	1.1194e-02	0.0000e+00	0.0000e+00
263	2074	-3.8624e+01	3.5200e+01	-1.4569e-17	-1.6322e+00	0.0000e+00	0.0000e+00
	2104	3.8624e+01	3.5200e+01	1.4569e-17	1.6322e+00	0.0000e+00	0.0000e+00
264	2073	-2.0856e+01	2.8000e+01	-2.0832e-15	2.3488e+00	0.0000e+00	0.0000e+00
	2074	2.0856e+01	2.8000e+01	2.0832e-15	-2.3488e+00	0.0000e+00	0.0000e+00
265	2053	2.4139e+00	2.8000e+01	-4.8269e-17	-2.3607e+00	0.0000e+00	0.0000e+00
	2073	-2.4139e+00	2.8000e+01	4.8269e-17	2.3607e+00	0.0000e+00	0.0000e+00
266	2036	1.8854e+01	3.5200e+01	-1.1309e-17	1.2938e+00	0.0000e+00	0.0000e+00
	2053	-1.8854e+01	3.5200e+01	1.1309e-17	-1.2938e+00	0.0000e+00	0.0000e+00
267	2019	2.9942e+01	2.2400e+01	-6.2463e-18	1.5127e-01	0.0000e+00	0.0000e+00
	2036	-2.9942e+01	2.2400e+01	6.2463e-18	-1.5127e-01	0.0000e+00	0.0000e+00

268	2002	3.1154e+01	3.5200e+01	0.0000e+00	-7.1109e+00	0.0000e+00	0.0000e+00
	2019	-3.1154e+01	3.5200e+01	0.0000e+00	7.1109e+00	0.0000e+00	0.0000e+00
269	1990	2.8246e+00	3.2000e+01	-7.8902e-16	2.1351e+01	0.0000e+00	0.0000e+00
	2002	-2.8246e+00	3.2000e+01	7.8902e-16	-2.1351e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-7.7804e+00	0.0000e+00	5.2110e+02	0.0000e+00	-2.6577e+03
	1894	0.0000e+00	7.7804e+00	0.0000e+00	-5.2110e+02	0.0000e+00	-5.7652e+01
271	11	0.0000e+00	-7.1239e+00	0.0000e+00	2.3265e+02	0.0000e+00	-1.0087e+03
	77	0.0000e+00	7.1239e+00	0.0000e+00	-2.3265e+02	0.0000e+00	6.8816e+02
272	67	0.0000e+00	-9.2394e-01	0.0000e+00	-9.5968e+01	0.0000e+00	-2.7295e+02
	1904	0.0000e+00	9.2394e-01	0.0000e+00	9.5968e+01	0.0000e+00	-4.9507e+01
273	1	0.0000e+00	4.4989e+00	0.0000e+00	1.1628e+02	0.0000e+00	1.8441e+02
	67	0.0000e+00	-4.4989e+00	0.0000e+00	-1.1628e+02	0.0000e+00	1.8040e+01
274	72	0.0000e+00	-7.9875e+00	0.0000e+00	1.0090e+01	0.0000e+00	-1.7080e+03
	1899	0.0000e+00	7.9875e+00	0.0000e+00	-1.0090e+01	0.0000e+00	-1.0796e+03
275	6	0.0000e+00	8.1015e-01	0.0000e+00	2.2618e+02	0.0000e+00	-3.3634e+02
	72	0.0000e+00	-8.1015e-01	0.0000e+00	-2.2618e+02	0.0000e+00	3.7280e+02
276	76	0.0000e+00	-1.3360e+00	0.0000e+00	5.5748e+01	0.0000e+00	-8.3117e+02
	1895	0.0000e+00	1.3360e+00	0.0000e+00	-5.5748e+01	0.0000e+00	3.6492e+02
277	10	0.0000e+00	-1.2220e+00	0.0000e+00	1.5332e+02	0.0000e+00	-2.1570e+02
	76	0.0000e+00	1.2220e+00	0.0000e+00	-1.5332e+02	0.0000e+00	1.6071e+02
278	75	0.0000e+00	-8.7005e+00	0.0000e+00	-3.5282e+01	0.0000e+00	-1.7443e+03
	1896	0.0000e+00	8.7005e+00	0.0000e+00	3.5282e+01	0.0000e+00	-1.2922e+03
279	9	0.0000e+00	-1.4445e+00	0.0000e+00	2.7618e+02	0.0000e+00	-4.5241e+02
	75	0.0000e+00	1.4445e+00	0.0000e+00	-2.7618e+02	0.0000e+00	3.8741e+02
280	74	0.0000e+00	-8.3291e+00	0.0000e+00	2.4155e+01	0.0000e+00	-1.6189e+03
	1897	0.0000e+00	8.3291e+00	0.0000e+00	-2.4155e+01	0.0000e+00	-1.2879e+03
281	8	0.0000e+00	8.7668e-01	0.0000e+00	1.9034e+02	0.0000e+00	-3.2016e+02
	74	0.0000e+00	-8.7668e-01	0.0000e+00	-1.9034e+02	0.0000e+00	3.5961e+02
282	73	0.0000e+00	-9.1825e+00	0.0000e+00	-4.8502e+01	0.0000e+00	-1.8203e+03
	1898	0.0000e+00	9.1825e+00	0.0000e+00	4.8502e+01	0.0000e+00	-1.3844e+03
283	7	0.0000e+00	-2.6367e-01	0.0000e+00	2.6129e+02	0.0000e+00	-4.0549e+02
	73	0.0000e+00	2.6367e-01	0.0000e+00	-2.6129e+02	0.0000e+00	3.9362e+02
284	71	0.0000e+00	-6.8619e+00	0.0000e+00	1.3312e-01	0.0000e+00	-1.4974e+03
	1900	0.0000e+00	6.8619e+00	0.0000e+00	-1.3312e-01	0.0000e+00	-8.9741e+02
285	5	0.0000e+00	8.6876e-01	0.0000e+00	2.1770e+02	0.0000e+00	-2.7632e+02
	71	0.0000e+00	-8.6876e-01	0.0000e+00	-2.1770e+02	0.0000e+00	3.1542e+02
286	70	0.0000e+00	-7.8361e+00	0.0000e+00	-3.2706e+01	0.0000e+00	-1.7531e+03
	1901	0.0000e+00	7.8361e+00	0.0000e+00	3.2706e+01	0.0000e+00	-9.8170e+02
287	4	0.0000e+00	9.6116e-01	0.0000e+00	2.5605e+02	0.0000e+00	-3.4205e+02
	70	0.0000e+00	-9.6116e-01	0.0000e+00	-2.5605e+02	0.0000e+00	3.8530e+02
288	69	0.0000e+00	-6.9432e+00	0.0000e+00	5.3477e+01	0.0000e+00	-1.5255e+03
	1902	0.0000e+00	6.9432e+00	0.0000e+00	-5.3477e+01	0.0000e+00	-8.9770e+02
289	3	0.0000e+00	3.1588e+00	0.0000e+00	1.9383e+02	0.0000e+00	-1.9350e+02
	69	0.0000e+00	-3.1588e+00	0.0000e+00	-1.9383e+02	0.0000e+00	3.3564e+02
290	68	0.0000e+00	-8.8094e+00	0.0000e+00	3.5738e+01	0.0000e+00	-1.5949e+03
	1903	0.0000e+00	8.8094e+00	0.0000e+00	-3.5738e+01	0.0000e+00	-1.4795e+03
291	2	0.0000e+00	1.6350e-01	0.0000e+00	1.5305e+02	0.0000e+00	-3.3210e+02
	68	0.0000e+00	-1.6350e-01	0.0000e+00	-1.5305e+02	0.0000e+00	3.3945e+02
292	57	4.6173e+02	2.4532e-14	-2.7122e+02	1.1702e+00	2.7122e+03	0.0000e+00
	1950	-4.6173e+02	-2.4532e-14	2.7122e+02	-1.1702e+00	0.0000e+00	0.0000e+00
293	34	1.2440e+02	4.9060e-18	-1.6769e+02	1.9710e-01	2.1800e+03	0.0000e+00
	1938	-1.2440e+02	-4.9060e-18	1.6769e+02	-1.9710e-01	0.0000e+00	0.0000e+00
294	37	5.3772e+02	-3.0992e-17	-1.6755e+02	1.5635e-01	2.1782e+03	0.0000e+00
	1940	-5.3772e+02	3.0992e-17	1.6755e+02	-1.5635e-01	0.0000e+00	0.0000e+00
295	38	4.2145e+02	-4.8449e-16	-1.6651e+02	1.8537e-01	2.1646e+03	0.0000e+00

		1941	-4.2145e+02	4.8449e-16	1.6651e+02	-1.8537e-01	0.0000e+00	0.0000e+00
296	39	4.2010e+02	-5.4824e-16	-1.6606e+02	1.9066e-01	2.1588e+03	0.0000e+00	
	1942	-4.2010e+02	5.4824e-16	1.6606e+02	-1.9066e-01	0.0000e+00	0.0000e+00	
297	40	4.3822e+02	-4.7864e-16	-1.6565e+02	1.8465e-01	2.1535e+03	0.0000e+00	
	1943	-4.3822e+02	4.7864e-16	1.6565e+02	-1.8465e-01	0.0000e+00	0.0000e+00	
298	41	4.0397e+02	-5.9774e-16	-1.6554e+02	1.9907e-01	2.1520e+03	0.0000e+00	
	1944	-4.0397e+02	5.9774e-16	1.6554e+02	-1.9907e-01	0.0000e+00	0.0000e+00	
299	42	4.2688e+02	-4.9653e-16	-1.6564e+02	1.8206e-01	2.1533e+03	0.0000e+00	
	1945	-4.2688e+02	4.9653e-16	1.6564e+02	-1.8206e-01	0.0000e+00	0.0000e+00	
300	43	3.8627e+02	-4.8218e-16	-1.6604e+02	1.8441e-01	2.1585e+03	0.0000e+00	
	1946	-3.8627e+02	4.8218e-16	1.6604e+02	-1.8441e-01	0.0000e+00	0.0000e+00	
301	44	3.6643e+02	-4.0799e-16	-1.6647e+02	1.7620e-01	2.1641e+03	0.0000e+00	
	1947	-3.6643e+02	4.0799e-16	1.6647e+02	-1.7620e-01	0.0000e+00	0.0000e+00	
302	45	2.9562e+02	-8.3638e-16	-1.6750e+02	1.3984e-01	2.1775e+03	0.0000e+00	
	1948	-2.9562e+02	8.3638e-16	1.6750e+02	-1.3984e-01	0.0000e+00	0.0000e+00	
303	46	4.8399e+02	-1.4774e-15	-1.6746e+02	2.3946e-01	2.1769e+03	0.0000e+00	
	1949	-4.8399e+02	1.4774e-15	1.6746e+02	-2.3946e-01	0.0000e+00	0.0000e+00	
304	66	3.4613e+02	2.6803e-14	-2.7207e+02	1.1259e+00	2.7207e+03	0.0000e+00	
	1959	-3.4613e+02	-2.6803e-14	2.7207e+02	-1.1259e+00	0.0000e+00	0.0000e+00	
305	65	3.0132e+02	1.1879e-14	-2.7214e+02	1.1505e+00	2.7214e+03	0.0000e+00	
	1958	-3.0132e+02	-1.1879e-14	2.7214e+02	-1.1505e+00	0.0000e+00	0.0000e+00	
306	64	3.6559e+02	1.7855e-14	-2.7138e+02	1.1342e+00	2.7138e+03	0.0000e+00	
	1957	-3.6559e+02	-1.7855e-14	2.7138e+02	-1.1342e+00	0.0000e+00	0.0000e+00	
307	63	3.6767e+02	1.8264e-14	-2.7095e+02	1.1410e+00	2.7095e+03	0.0000e+00	
	1956	-3.6767e+02	-1.8264e-14	2.7095e+02	-1.1410e+00	0.0000e+00	0.0000e+00	
308	62	4.0324e+02	1.9912e-14	-2.7043e+02	1.1656e+00	2.7043e+03	0.0000e+00	
	1955	-4.0324e+02	-1.9912e-14	2.7043e+02	-1.1656e+00	0.0000e+00	0.0000e+00	
309	61	3.5963e+02	1.8535e-14	-2.7028e+02	1.1460e+00	2.7028e+03	0.0000e+00	
	1954	-3.5963e+02	-1.8535e-14	2.7028e+02	-1.1460e+00	0.0000e+00	0.0000e+00	
310	60	4.0435e+02	1.9928e-14	-2.7026e+02	1.1680e+00	2.7026e+03	0.0000e+00	
	1953	-4.0435e+02	-1.9928e-14	2.7026e+02	-1.1680e+00	0.0000e+00	0.0000e+00	
311	59	3.6971e+02	1.8885e-14	-2.7054e+02	1.1471e+00	2.7054e+03	0.0000e+00	
	1952	-3.6971e+02	-1.8885e-14	2.7054e+02	-1.1471e+00	0.0000e+00	0.0000e+00	
312	58	3.7041e+02	1.8643e-14	-2.7079e+02	1.1443e+00	2.7079e+03	0.0000e+00	
	1951	-3.7041e+02	-1.8643e-14	2.7079e+02	-1.1443e+00	0.0000e+00	0.0000e+00	
313	1936	1.7602e+02	3.2000e+01	-3.5090e-16	-2.2844e-01	0.0000e+00	0.0000e+00	
	1937	-1.7602e+02	3.2000e+01	3.5090e-16	2.2844e-01	0.0000e+00	0.0000e+00	
314	1935	1.2686e+02	3.5200e+01	1.9963e-16	1.9128e-01	0.0000e+00	0.0000e+00	
	1936	-1.2686e+02	3.5200e+01	-1.9963e-16	-1.9128e-01	0.0000e+00	0.0000e+00	
315	1934	7.7875e+01	2.2400e+01	0.0000e+00	2.9405e-01	0.0000e+00	0.0000e+00	
	1935	-7.7875e+01	2.2400e+01	0.0000e+00	-2.9405e-01	0.0000e+00	0.0000e+00	
316	1933	2.7863e+01	3.5200e+01	-1.5144e-17	1.8162e-01	0.0000e+00	0.0000e+00	
	1934	-2.7863e+01	3.5200e+01	1.5144e-17	-1.8162e-01	0.0000e+00	0.0000e+00	
317	1932	-2.4678e+01	2.8000e+01	-6.1571e-16	-3.7951e-01	0.0000e+00	0.0000e+00	
	1933	2.4678e+01	2.8000e+01	6.1571e-16	3.7951e-01	0.0000e+00	0.0000e+00	
318	1931	-7.5676e+01	2.8000e+01	-4.7364e-17	4.9508e-01	0.0000e+00	0.0000e+00	
	1932	7.5676e+01	2.8000e+01	4.7364e-17	-4.9508e-01	0.0000e+00	0.0000e+00	
319	1930	-1.2885e+02	3.5200e+01	-8.9231e-18	-4.8387e-01	0.0000e+00	0.0000e+00	
	1931	1.2885e+02	3.5200e+01	8.9231e-18	4.8387e-01	0.0000e+00	0.0000e+00	
320	1929	-1.8034e+02	2.2400e+01	-1.8602e-17	2.9748e-01	0.0000e+00	0.0000e+00	
	1930	1.8034e+02	2.2400e+01	1.8602e-17	-2.9748e-01	0.0000e+00	0.0000e+00	
321	1928	-2.3141e+02	3.5200e+01	0.0000e+00	1.9991e+00	0.0000e+00	0.0000e+00	
	1929	2.3141e+02	3.5200e+01	0.0000e+00	-1.9991e+00	0.0000e+00	0.0000e+00	
322	1927	3.9911e+01	3.2000e+01	-7.7934e-16	-4.1002e+00	0.0000e+00	0.0000e+00	
	1928	-3.9911e+01	3.2000e+01	7.7934e-16	4.1002e+00	0.0000e+00	0.0000e+00	

323	1937	8.8161e+01	-3.2408e+01	-3.8557e+01	-5.5027e-02	3.4394e-03	-1.1831e-01
	1960	-8.8161e+01	3.2408e+01	2.4116e+01	5.5027e-02	2.2625e+03	-2.3397e+03
324	1936	-4.0022e+01	-5.3983e+01	-4.9154e+01	8.2423e-13	-4.3542e-11	4.1972e-01
	1961	4.0022e+01	5.3983e+01	1.8829e+01	-8.2423e-13	2.4542e+03	-3.8980e+03
325	1935	-3.4304e+01	-4.6271e+01	-4.8989e+01	4.6896e-13	-2.3874e-12	1.0277e-01
	1962	3.4304e+01	4.6271e+01	2.2997e+01	-4.6896e-13	2.5987e+03	-3.3409e+03
326	1934	-3.4304e+01	-4.6271e+01	-5.0012e+01	-2.2027e-13	-2.6716e-11	-1.1243e-01
	1963	3.4304e+01	4.6271e+01	2.4020e+01	2.2027e-13	2.6726e+03	-3.3407e+03
327	1933	-3.7639e+01	-5.0769e+01	-5.2541e+01	-1.1909e-11	2.9786e-11	-5.6113e-01
	1964	3.7639e+01	5.0769e+01	2.4021e+01	1.1909e-11	2.7639e+03	-3.6650e+03
328	1932	-3.3351e+01	-4.4985e+01	-5.0998e+01	3.4817e-13	-7.2191e-12	8.7459e-01
	1965	3.3351e+01	4.4985e+01	2.5728e+01	-3.4817e-13	2.7698e+03	-3.2489e+03
329	1931	-3.7639e+01	-5.0769e+01	-5.3173e+01	1.1163e-11	2.3931e-11	-9.7895e-01
	1966	3.7639e+01	5.0769e+01	2.4654e+01	-1.1163e-11	2.8096e+03	-3.6646e+03
330	1930	-3.4304e+01	-4.6271e+01	-5.1489e+01	1.9966e-12	4.9397e-11	7.8135e-01
	1967	3.4304e+01	4.6271e+01	2.5496e+01	-1.9966e-12	2.7792e+03	-3.3416e+03
331	1929	-3.4304e+01	-4.6271e+01	-5.1076e+01	-1.7337e-12	7.9581e-13	1.7016e+00
	1968	3.4304e+01	4.6271e+01	2.5084e+01	1.7337e-12	2.7494e+03	-3.3425e+03
332	1928	1.2172e+02	-6.4092e+01	-5.2362e+01	-3.6469e-02	2.2795e-03	-6.0263e+00
	1969	-1.2172e+02	6.4092e+01	2.2038e+01	3.6469e-02	2.6859e+03	-4.6215e+03
333	1927	-1.9058e+01	-2.5706e+01	-3.9911e+01	-1.1156e-12	-2.4443e-12	4.1002e+00
	1970	1.9058e+01	2.5706e+01	2.5470e+01	1.1156e-12	2.3603e+03	-1.8601e+03
334	2089	-3.6831e+01	2.8000e+01	-7.3040e-18	-2.7777e+00	0.0000e+00	0.0000e+00
	2090	3.6831e+01	2.8000e+01	7.3040e-18	2.7777e+00	0.0000e+00	0.0000e+00
335	2083	9.4503e+01	2.8000e+01	2.3091e-18	-2.3965e+00	0.0000e+00	0.0000e+00
	2084	-9.4503e+01	2.8000e+01	-2.3091e-18	2.3965e+00	0.0000e+00	0.0000e+00
336	2081	2.3118e+01	2.8000e+01	3.2528e-18	-9.0396e-01	0.0000e+00	0.0000e+00
	2082	-2.3118e+01	2.8000e+01	-3.2528e-18	9.0396e-01	0.0000e+00	0.0000e+00
337	2055	-4.6281e+01	2.8000e+01	-9.7605e-18	-1.1424e+00	0.0000e+00	0.0000e+00
	2077	4.6281e+01	2.8000e+01	9.7605e-18	1.1424e+00	0.0000e+00	0.0000e+00
338	2077	4.4225e+01	2.8000e+01	3.1628e-18	1.0332e+00	0.0000e+00	0.0000e+00
	2078	-4.4225e+01	2.8000e+01	-3.1628e-18	-1.0332e+00	0.0000e+00	0.0000e+00
339	2075	-5.3757e+00	2.8000e+01	4.7309e-18	2.6266e+00	0.0000e+00	0.0000e+00
	2076	5.3757e+00	2.8000e+01	-4.7309e-18	-2.6266e+00	0.0000e+00	0.0000e+00
340	2071	-1.5339e+01	2.8000e+01	9.7946e-18	3.2891e+00	0.0000e+00	0.0000e+00
	2072	1.5339e+01	2.8000e+01	-9.7946e-18	-3.2891e+00	0.0000e+00	0.0000e+00
341	2087	1.3720e+01	2.8000e+01	-1.2115e-18	-3.1067e+00	0.0000e+00	0.0000e+00
	2088	-1.3720e+01	2.8000e+01	1.2115e-18	3.1067e+00	0.0000e+00	0.0000e+00
342	2090	-1.0998e+02	3.5200e+01	-1.8109e-17	1.7114e+00	0.0000e+00	0.0000e+00
	2112	1.0998e+02	3.5200e+01	1.8109e-17	-1.7114e+00	0.0000e+00	0.0000e+00
343	2088	9.0388e+00	3.5200e+01	-3.2696e-17	2.1889e+00	0.0000e+00	0.0000e+00
	2111	-9.0388e+00	3.5200e+01	3.2696e-17	-2.1889e+00	0.0000e+00	0.0000e+00
344	2084	1.1634e+02	3.5200e+01	-4.1401e-17	1.6355e+00	0.0000e+00	0.0000e+00
	2109	-1.1634e+02	3.5200e+01	4.1401e-17	-1.6355e+00	0.0000e+00	0.0000e+00
345	2082	4.5438e+01	3.5200e+01	-4.2955e-17	5.2091e-01	0.0000e+00	0.0000e+00
	2108	-4.5438e+01	3.5200e+01	4.2955e-17	-5.2091e-01	0.0000e+00	0.0000e+00
346	2078	1.2293e+02	3.5200e+01	-4.2538e-17	-8.0086e-01	0.0000e+00	0.0000e+00
	2106	-1.2293e+02	3.5200e+01	4.2538e-17	8.0086e-01	0.0000e+00	0.0000e+00
347	2076	4.7069e+00	3.5200e+01	-4.6122e-17	-1.8608e+00	0.0000e+00	0.0000e+00
	2105	-4.7069e+00	3.5200e+01	4.6122e-17	1.8608e+00	0.0000e+00	0.0000e+00
348	2072	-6.1765e+01	3.5200e+01	-5.7165e-17	-2.2766e+00	0.0000e+00	0.0000e+00
	2103	6.1765e+01	3.5200e+01	5.7165e-17	2.2766e+00	0.0000e+00	0.0000e+00
349	2103	-1.1497e+02	2.2400e+01	0.0000e+00	-1.9253e-01	0.0000e+00	0.0000e+00
	2120	1.1497e+02	2.2400e+01	0.0000e+00	1.9253e-01	0.0000e+00	0.0000e+00
350	2105	8.3126e+00	2.2400e+01	0.0000e+00	-2.5434e-01	0.0000e+00	0.0000e+00

	2122	-8.3126e+00	2.2400e+01	0.0000e+00	2.5434e-01	0.0000e+00	0.0000e+00
351	2106	2.5755e+02	2.2400e+01	0.0000e+00	-1.9696e-01	0.0000e+00	0.0000e+00
	2123	-2.5755e+02	2.2400e+01	0.0000e+00	1.9696e-01	0.0000e+00	0.0000e+00
352	2108	5.4990e+01	2.2400e+01	0.0000e+00	-9.2508e-02	0.0000e+00	0.0000e+00
	2125	-5.4990e+01	2.2400e+01	0.0000e+00	9.2508e-02	0.0000e+00	0.0000e+00
353	2109	1.3008e+02	2.2400e+01	0.0000e+00	1.1775e-01	0.0000e+00	0.0000e+00
	1925	-1.3008e+02	2.2400e+01	0.0000e+00	-1.1775e-01	0.0000e+00	0.0000e+00
354	2111	1.6937e+00	2.2400e+01	0.0000e+00	2.6322e-01	0.0000e+00	0.0000e+00
	1983	-1.6937e+00	2.2400e+01	0.0000e+00	-2.6322e-01	0.0000e+00	0.0000e+00
355	2112	-1.9240e+02	2.2400e+01	0.0000e+00	-1.2241e-01	0.0000e+00	0.0000e+00
	2005	1.9240e+02	2.2400e+01	0.0000e+00	1.2241e-01	0.0000e+00	0.0000e+00
356	2085	-7.5093e+01	3.2000e+01	-7.2665e-17	-1.2366e+01	0.0000e+00	0.0000e+00
	1921	7.5093e+01	3.2000e+01	7.2665e-17	1.2366e+01	0.0000e+00	0.0000e+00
357	1983	-3.4725e+00	3.5200e+01	-3.3309e-17	9.9190e+00	0.0000e+00	0.0000e+00
	2059	3.4725e+00	3.5200e+01	3.3309e-17	-9.9190e+00	0.0000e+00	0.0000e+00
358	2005	-2.8060e+02	3.5200e+01	3.4399e-17	8.4470e+00	0.0000e+00	0.0000e+00
	2085	2.8060e+02	3.5200e+01	-3.4399e-17	-8.4470e+00	0.0000e+00	0.0000e+00
359	1925	3.3032e+00	3.5200e+01	-7.6348e-17	7.7712e+00	0.0000e+00	0.0000e+00
	2042	-3.3032e+00	3.5200e+01	7.6348e-17	-7.7712e+00	0.0000e+00	0.0000e+00
360	2125	5.4165e+01	3.5200e+01	-9.4402e-17	2.7394e+00	0.0000e+00	0.0000e+00
	2025	-5.4165e+01	3.5200e+01	9.4402e-17	-2.7394e+00	0.0000e+00	0.0000e+00
361	2123	4.1397e+02	3.5200e+01	-1.0203e-16	-4.0477e+00	0.0000e+00	0.0000e+00
	2008	-4.1397e+02	3.5200e+01	1.0203e-16	4.0477e+00	0.0000e+00	0.0000e+00
362	2122	7.1636e+00	3.5200e+01	-1.2294e-16	-8.8654e+00	0.0000e+00	0.0000e+00
	1996	-7.1636e+00	3.5200e+01	1.2294e-16	8.8654e+00	0.0000e+00	0.0000e+00
363	2120	-1.7178e+02	3.5200e+01	-1.7419e-16	-9.9253e+00	0.0000e+00	0.0000e+00
	1919	1.7178e+02	3.5200e+01	1.7419e-16	9.9253e+00	0.0000e+00	0.0000e+00
364	2059	1.1474e+01	3.2000e+01	-1.3585e-16	-1.6556e+01	0.0000e+00	0.0000e+00
	1920	-1.1474e+01	3.2000e+01	1.3585e-16	1.6556e+01	0.0000e+00	0.0000e+00
365	2042	2.1613e+02	3.2000e+01	-1.7887e-16	-1.3059e+01	0.0000e+00	0.0000e+00
	1918	-2.1613e+02	3.2000e+01	1.7887e-16	1.3059e+01	0.0000e+00	0.0000e+00
366	2025	4.2139e+01	3.2000e+01	-1.9623e-16	-4.2182e+00	0.0000e+00	0.0000e+00
	1917	-4.2139e+01	3.2000e+01	1.9623e-16	4.2182e+00	0.0000e+00	0.0000e+00
367	2008	2.9544e+01	3.2000e+01	-2.0466e-16	7.1630e+00	0.0000e+00	0.0000e+00
	2107	-2.9544e+01	3.2000e+01	2.0466e-16	-7.1630e+00	0.0000e+00	0.0000e+00
368	1996	-9.0064e-01	3.2000e+01	-2.2851e-16	1.5403e+01	0.0000e+00	0.0000e+00
	2080	9.0064e-01	3.2000e+01	2.2851e-16	-1.5403e+01	0.0000e+00	0.0000e+00
369	1919	-5.9100e+02	3.2000e+01	-2.8260e-16	1.6752e+01	0.0000e+00	0.0000e+00
	2079	5.9100e+02	3.2000e+01	2.8260e-16	-1.6752e+01	0.0000e+00	0.0000e+00
370	2097	-4.1394e+00	3.2000e+01	-3.5755e-16	-7.2716e-01	0.0000e+00	0.0000e+00
	2039	4.1394e+00	3.2000e+01	3.5755e-16	7.2716e-01	0.0000e+00	0.0000e+00
371	2098	-2.0460e+02	3.2000e+01	-3.6897e-16	3.5976e+00	0.0000e+00	0.0000e+00
	2056	2.0460e+02	3.2000e+01	3.6897e-16	-3.5976e+00	0.0000e+00	0.0000e+00
372	2119	-3.0857e+02	3.5200e+01	-2.6491e-16	-2.0214e+00	0.0000e+00	0.0000e+00
	2098	3.0857e+02	3.5200e+01	2.6491e-16	2.0214e+00	0.0000e+00	0.0000e+00
373	2118	-2.4144e+01	3.5200e+01	-2.5531e-16	3.2181e-01	0.0000e+00	0.0000e+00
	2097	2.4144e+01	3.5200e+01	2.5531e-16	-3.2181e-01	0.0000e+00	0.0000e+00
374	2102	-2.1400e+02	2.2400e+01	0.0000e+00	1.9705e-01	0.0000e+00	0.0000e+00
	2119	2.1400e+02	2.2400e+01	0.0000e+00	-1.9705e-01	0.0000e+00	0.0000e+00
375	2101	-2.5617e+01	2.2400e+01	0.0000e+00	2.9022e-01	0.0000e+00	0.0000e+00
	2118	2.5617e+01	2.2400e+01	0.0000e+00	-2.9022e-01	0.0000e+00	0.0000e+00
376	2070	-1.2855e+02	3.5200e+01	-7.8721e-17	-4.9121e-01	0.0000e+00	0.0000e+00
	2102	1.2855e+02	3.5200e+01	7.8721e-17	4.9121e-01	0.0000e+00	0.0000e+00
377	2068	-2.2098e+01	3.5200e+01	-7.8524e-17	2.3802e-02	0.0000e+00	0.0000e+00
	2101	2.2098e+01	3.5200e+01	7.8524e-17	-2.3802e-02	0.0000e+00	0.0000e+00

378	2069	-5.4668e+01	2.8000e+01	1.9648e-17	6.4260e-01	0.0000e+00	0.0000e+00
	2070	5.4668e+01	2.8000e+01	-1.9648e-17	-6.4260e-01	0.0000e+00	0.0000e+00
379	2067	-1.7768e+01	2.8000e+01	1.9309e-17	-1.2788e-01	0.0000e+00	0.0000e+00
	2068	1.7768e+01	2.8000e+01	-1.9309e-17	1.2788e-01	0.0000e+00	0.0000e+00
380	2022	1.1091e+02	3.2000e+01	-1.2745e-17	-4.0347e-01	0.0000e+00	0.0000e+00
	1926	-1.1091e+02	3.2000e+01	1.2745e-17	4.0347e-01	0.0000e+00	0.0000e+00
381	1993	3.3892e+01	3.2000e+01	-2.1373e-17	-9.9107e-01	0.0000e+00	0.0000e+00
	1924	-3.3892e+01	3.2000e+01	2.1373e-17	9.9107e-01	0.0000e+00	0.0000e+00
382	1916	3.7099e+02	3.2000e+01	-3.0830e-17	-2.0004e+00	0.0000e+00	0.0000e+00
	1923	-3.7099e+02	3.2000e+01	3.0830e-17	2.0004e+00	0.0000e+00	0.0000e+00
383	2086	2.2934e+01	3.2000e+01	-4.7402e-17	-4.4391e+00	0.0000e+00	0.0000e+00
	1922	-2.2934e+01	3.2000e+01	4.7402e-17	4.4391e+00	0.0000e+00	0.0000e+00
384	2065	-3.2162e+02	3.5200e+01	1.0387e-16	-2.2056e+00	0.0000e+00	0.0000e+00
	2022	3.2162e+02	3.5200e+01	-1.0387e-16	2.2056e+00	0.0000e+00	0.0000e+00
385	2048	2.9537e+01	3.5200e+01	1.1129e-16	-1.9303e-01	0.0000e+00	0.0000e+00
	1993	-2.9537e+01	3.5200e+01	-1.1129e-16	1.9303e-01	0.0000e+00	0.0000e+00
386	2031	4.1544e+02	3.5200e+01	1.0190e-16	1.7429e+00	0.0000e+00	0.0000e+00
	1916	-4.1544e+02	3.5200e+01	-1.0190e-16	-1.7429e+00	0.0000e+00	0.0000e+00
387	2014	1.9798e+01	3.5200e+01	7.5653e-17	4.3470e+00	0.0000e+00	0.0000e+00
	2086	-1.9798e+01	3.5200e+01	-7.5653e-17	-4.3470e+00	0.0000e+00	0.0000e+00
388	2113	1.6938e+01	2.2400e+01	0.0000e+00	-8.0332e-01	0.0000e+00	0.0000e+00
	2014	-1.6938e+01	2.2400e+01	0.0000e+00	8.0332e-01	0.0000e+00	0.0000e+00
389	2114	2.8716e+02	2.2400e+01	0.0000e+00	-5.9852e-01	0.0000e+00	0.0000e+00
	2031	-2.8716e+02	2.2400e+01	0.0000e+00	5.9852e-01	0.0000e+00	0.0000e+00
390	2115	2.3777e+01	2.2400e+01	0.0000e+00	1.0329e-01	0.0000e+00	0.0000e+00
	2048	-2.3777e+01	2.2400e+01	0.0000e+00	-1.0329e-01	0.0000e+00	0.0000e+00
391	2117	-2.2993e+02	2.2400e+01	0.0000e+00	1.0344e+00	0.0000e+00	0.0000e+00
	2065	2.2993e+02	2.2400e+01	0.0000e+00	-1.0344e+00	0.0000e+00	0.0000e+00
392	2092	1.2256e+01	3.5200e+01	-1.2443e-17	3.4640e-01	0.0000e+00	0.0000e+00
	2113	-1.2256e+01	3.5200e+01	1.2443e-17	-3.4640e-01	0.0000e+00	0.0000e+00
393	2094	1.6669e+02	3.5200e+01	-1.5496e-17	-1.0481e-01	0.0000e+00	0.0000e+00
	2114	-1.6669e+02	3.5200e+01	1.5496e-17	1.0481e-01	0.0000e+00	0.0000e+00
394	2096	1.5812e+01	3.5200e+01	-1.8340e-17	2.6577e-02	0.0000e+00	0.0000e+00
	2115	-1.5812e+01	3.5200e+01	1.8340e-17	-2.6577e-02	0.0000e+00	0.0000e+00
395	2100	-1.4098e+02	3.5200e+01	-1.6153e-17	3.7994e-01	0.0000e+00	0.0000e+00
	2117	1.4098e+02	3.5200e+01	1.6153e-17	-3.7994e-01	0.0000e+00	0.0000e+00
396	2091	3.5473e+00	2.8000e+01	-1.1653e-17	-1.3622e+00	0.0000e+00	0.0000e+00
	2092	-3.5473e+00	2.8000e+01	1.1653e-17	1.3622e+00	0.0000e+00	0.0000e+00
397	2093	4.8705e+01	2.8000e+01	-1.3130e-17	-3.7848e-01	0.0000e+00	0.0000e+00
	2094	-4.8705e+01	2.8000e+01	1.3130e-17	3.7848e-01	0.0000e+00	0.0000e+00
398	2095	3.5019e+00	2.8000e+01	-1.2815e-17	2.4935e-01	0.0000e+00	0.0000e+00
	2096	-3.5019e+00	2.8000e+01	1.2815e-17	-2.4935e-01	0.0000e+00	0.0000e+00
399	2099	-5.9835e+01	2.8000e+01	-1.0542e-17	7.8438e-01	0.0000e+00	0.0000e+00
	2100	5.9835e+01	2.8000e+01	1.0542e-17	-7.8438e-01	0.0000e+00	0.0000e+00
400	2066	2.6621e+01	2.8000e+01	3.1771e-18	-3.0940e-01	0.0000e+00	0.0000e+00
	2099	-2.6621e+01	2.8000e+01	-3.1771e-18	3.0940e-01	0.0000e+00	0.0000e+00
401	2049	1.0659e+02	3.5200e+01	-2.0655e-17	5.2463e-01	0.0000e+00	0.0000e+00
	2066	-1.0659e+02	3.5200e+01	2.0655e-17	-5.2463e-01	0.0000e+00	0.0000e+00
402	2064	-5.0270e+00	2.8000e+01	4.3901e-18	-2.0063e-01	0.0000e+00	0.0000e+00
	2095	5.0270e+00	2.8000e+01	-4.3901e-18	2.0063e-01	0.0000e+00	0.0000e+00
403	2063	-6.2391e+01	2.8000e+01	5.3698e-18	1.0574e-01	0.0000e+00	0.0000e+00
	2093	6.2391e+01	2.8000e+01	-5.3698e-18	-1.0574e-01	0.0000e+00	0.0000e+00
404	2062	-2.1745e+00	2.8000e+01	5.2633e-18	9.9687e-01	0.0000e+00	0.0000e+00
	2091	2.1745e+00	2.8000e+01	-5.2633e-18	-9.9687e-01	0.0000e+00	0.0000e+00
405	2061	4.1052e+01	2.8000e+01	1.5756e-18	2.7280e+00	0.0000e+00	0.0000e+00

	2089	-4.1052e+01	2.8000e+01	-1.5756e-18	-2.7280e+00	0.0000e+00	0.0000e+00
406	2060	2.0986e+01	2.8000e+01	-4.9909e-18	3.2422e+00	0.0000e+00	0.0000e+00
	2087	-2.0986e+01	2.8000e+01	4.9909e-18	-3.2422e+00	0.0000e+00	0.0000e+00
407	2058	3.0151e+01	2.8000e+01	-8.8533e-18	2.4790e+00	0.0000e+00	0.0000e+00
	2083	-3.0151e+01	2.8000e+01	8.8533e-18	-2.4790e+00	0.0000e+00	0.0000e+00
408	2057	9.2046e-01	2.8000e+01	-9.8196e-18	8.6686e-01	0.0000e+00	0.0000e+00
	2081	-9.2046e-01	2.8000e+01	9.8196e-18	-8.6686e-01	0.0000e+00	0.0000e+00
409	2054	-1.2957e+01	2.8000e+01	-1.1431e-17	-2.7503e+00	0.0000e+00	0.0000e+00
	2075	1.2957e+01	2.8000e+01	1.1431e-17	2.7503e+00	0.0000e+00	0.0000e+00
410	2052	3.5970e+01	2.8000e+01	-1.6679e-17	-3.3802e+00	0.0000e+00	0.0000e+00
	2071	-3.5970e+01	2.8000e+01	1.6679e-17	3.3802e+00	0.0000e+00	0.0000e+00
411	2051	2.1536e+01	2.8000e+01	-2.6532e-17	-5.6679e-01	0.0000e+00	0.0000e+00
	2069	-2.1536e+01	2.8000e+01	2.6532e-17	5.6679e-01	0.0000e+00	0.0000e+00
412	2050	-6.9723e+00	2.8000e+01	-2.5817e-17	2.4213e-01	0.0000e+00	0.0000e+00
	2067	6.9723e+00	2.8000e+01	2.5817e-17	-2.4213e-01	0.0000e+00	0.0000e+00
413	2047	-1.5610e+01	3.5200e+01	-2.5639e-17	2.1112e-01	0.0000e+00	0.0000e+00
	2064	1.5610e+01	3.5200e+01	2.5639e-17	-2.1112e-01	0.0000e+00	0.0000e+00
414	2046	-1.8161e+02	3.5200e+01	-2.6974e-17	-1.6123e-01	0.0000e+00	0.0000e+00
	2063	1.8161e+02	3.5200e+01	2.6974e-17	1.6123e-01	0.0000e+00	0.0000e+00
415	2045	-1.0327e+01	3.5200e+01	-2.4923e-17	-7.5944e-01	0.0000e+00	0.0000e+00
	2062	1.0327e+01	3.5200e+01	2.4923e-17	7.5944e-01	0.0000e+00	0.0000e+00
416	2044	1.1482e+02	3.5200e+01	-1.7031e-17	-1.6362e+00	0.0000e+00	0.0000e+00
	2061	-1.1482e+02	3.5200e+01	1.7031e-17	1.6362e+00	0.0000e+00	0.0000e+00
417	2043	2.2336e+01	3.5200e+01	-5.6225e-18	-1.8437e+00	0.0000e+00	0.0000e+00
	2060	-2.2336e+01	3.5200e+01	5.6225e-18	1.8437e+00	0.0000e+00	0.0000e+00
418	2041	-1.8157e+01	3.5200e+01	9.4492e-19	-1.4096e+00	0.0000e+00	0.0000e+00
	2058	1.8157e+01	3.5200e+01	-9.4492e-19	1.4096e+00	0.0000e+00	0.0000e+00
419	2040	-2.5323e+01	3.5200e+01	2.4868e-18	-5.1573e-01	0.0000e+00	0.0000e+00
	2057	2.5323e+01	3.5200e+01	-2.4868e-18	5.1573e-01	0.0000e+00	0.0000e+00
420	2038	-1.3117e+02	3.5200e+01	2.1505e-18	6.3945e-01	0.0000e+00	0.0000e+00
	2055	1.3117e+02	3.5200e+01	-2.1505e-18	-6.3945e-01	0.0000e+00	0.0000e+00
421	2037	-2.5349e+01	3.5200e+01	5.1718e-18	1.5865e+00	0.0000e+00	0.0000e+00
	2054	2.5349e+01	3.5200e+01	-5.1718e-18	-1.5865e+00	0.0000e+00	0.0000e+00
422	2035	8.4955e+01	3.5200e+01	1.4764e-17	1.9429e+00	0.0000e+00	0.0000e+00
	2052	-8.4955e+01	3.5200e+01	-1.4764e-17	-1.9429e+00	0.0000e+00	0.0000e+00
423	2034	9.4497e+01	3.5200e+01	3.1522e-17	1.7628e-01	0.0000e+00	0.0000e+00
	2051	-9.4497e+01	3.5200e+01	-3.1522e-17	-1.7628e-01	0.0000e+00	0.0000e+00
424	2033	-1.0697e+00	3.5200e+01	2.8411e-17	-3.2744e-01	0.0000e+00	0.0000e+00
	2050	1.0697e+00	3.5200e+01	-2.8411e-17	3.2744e-01	0.0000e+00	0.0000e+00
425	2032	1.9283e+02	2.2400e+01	0.0000e+00	-2.4057e-02	0.0000e+00	0.0000e+00
	2049	-1.9283e+02	2.2400e+01	0.0000e+00	2.4057e-02	0.0000e+00	0.0000e+00
426	2030	-1.9491e+01	2.2400e+01	0.0000e+00	-8.0527e-02	0.0000e+00	0.0000e+00
	2047	1.9491e+01	2.2400e+01	0.0000e+00	8.0527e-02	0.0000e+00	0.0000e+00
427	2029	-3.0507e+02	2.2400e+01	0.0000e+00	-1.1635e-01	0.0000e+00	0.0000e+00
	2046	3.0507e+02	2.2400e+01	0.0000e+00	1.1635e-01	0.0000e+00	0.0000e+00
428	2028	-1.3642e+01	2.2400e+01	0.0000e+00	-1.1449e-01	0.0000e+00	0.0000e+00
	2045	1.3642e+01	2.2400e+01	0.0000e+00	1.1449e-01	0.0000e+00	0.0000e+00
429	2027	1.9829e+02	2.2400e+01	0.0000e+00	-4.6999e-02	0.0000e+00	0.0000e+00
	2044	-1.9829e+02	2.2400e+01	0.0000e+00	4.6999e-02	0.0000e+00	0.0000e+00
430	2026	2.3343e+01	2.2400e+01	0.0000e+00	1.7590e-03	0.0000e+00	0.0000e+00
	2043	-2.3343e+01	2.2400e+01	0.0000e+00	-1.7590e-03	0.0000e+00	0.0000e+00
431	2024	-7.5844e+01	2.2400e+01	0.0000e+00	1.4708e-02	0.0000e+00	0.0000e+00
	2041	7.5844e+01	2.2400e+01	0.0000e+00	-1.4708e-02	0.0000e+00	0.0000e+00
432	2023	-4.2300e+01	2.2400e+01	0.0000e+00	-3.5781e-02	0.0000e+00	0.0000e+00
	2040	4.2300e+01	2.2400e+01	0.0000e+00	3.5781e-02	0.0000e+00	0.0000e+00

433	2021	-2.3574e+02	2.2400e+01	0.0000e+00	-7.0521e-02	0.0000e+00	0.0000e+00
	2038	2.3574e+02	2.2400e+01	0.0000e+00	7.0521e-02	0.0000e+00	0.0000e+00
434	2020	-3.4137e+01	2.2400e+01	0.0000e+00	-2.4844e-02	0.0000e+00	0.0000e+00
	2037	3.4137e+01	2.2400e+01	0.0000e+00	2.4844e-02	0.0000e+00	0.0000e+00
435	2018	1.4419e+02	2.2400e+01	0.0000e+00	4.9225e-02	0.0000e+00	0.0000e+00
	2035	-1.4419e+02	2.2400e+01	0.0000e+00	-4.9225e-02	0.0000e+00	0.0000e+00
436	2017	1.7785e+02	2.2400e+01	0.0000e+00	2.4931e-01	0.0000e+00	0.0000e+00
	2034	-1.7785e+02	2.2400e+01	0.0000e+00	-2.4931e-01	0.0000e+00	0.0000e+00
437	2016	6.1154e+00	2.2400e+01	0.0000e+00	2.9449e-01	0.0000e+00	0.0000e+00
	2033	-6.1154e+00	2.2400e+01	0.0000e+00	-2.9449e-01	0.0000e+00	0.0000e+00
438	2015	2.8048e+02	3.5200e+01	8.8936e-17	-1.9424e+00	0.0000e+00	0.0000e+00
	2032	-2.8048e+02	3.5200e+01	-8.8936e-17	1.9424e+00	0.0000e+00	0.0000e+00
439	2013	-1.9155e+01	3.5200e+01	1.0295e-16	-9.8456e-02	0.0000e+00	0.0000e+00
	2030	1.9155e+01	3.5200e+01	-1.0295e-16	9.8456e-02	0.0000e+00	0.0000e+00
440	2012	-4.3784e+02	3.5200e+01	9.4425e-17	1.5862e+00	0.0000e+00	0.0000e+00
	2029	4.3784e+02	3.5200e+01	-9.4425e-17	-1.5862e+00	0.0000e+00	0.0000e+00
441	2011	-1.4434e+01	3.5200e+01	7.3287e-17	3.7108e+00	0.0000e+00	0.0000e+00
	2028	1.4434e+01	3.5200e+01	-7.3287e-17	-3.7108e+00	0.0000e+00	0.0000e+00
442	2010	2.8746e+02	3.5200e+01	3.7509e-17	8.4024e+00	0.0000e+00	0.0000e+00
	2027	-2.8746e+02	3.5200e+01	-3.7509e-17	-8.4024e+00	0.0000e+00	0.0000e+00
443	2009	2.1354e+01	3.5200e+01	-2.8181e-17	1.0352e+01	0.0000e+00	0.0000e+00
	2026	-2.1354e+01	3.5200e+01	2.8181e-17	-1.0352e+01	0.0000e+00	0.0000e+00
444	2007	-1.1988e+02	3.5200e+01	-6.9731e-17	7.9683e+00	0.0000e+00	0.0000e+00
	2024	1.1988e+02	3.5200e+01	6.9731e-17	-7.9683e+00	0.0000e+00	0.0000e+00
445	2006	-5.1146e+01	3.5200e+01	-8.2492e-17	2.5817e+00	0.0000e+00	0.0000e+00
	2023	5.1146e+01	3.5200e+01	8.2492e-17	-2.5817e+00	0.0000e+00	0.0000e+00
446	2004	-4.0923e+02	3.5200e+01	-8.5342e-17	-4.0441e+00	0.0000e+00	0.0000e+00
	2021	4.0923e+02	3.5200e+01	8.5342e-17	4.0441e+00	0.0000e+00	0.0000e+00
447	2003	-4.1657e+01	3.5200e+01	-1.0779e-16	-9.1775e+00	0.0000e+00	0.0000e+00
	2020	4.1657e+01	3.5200e+01	1.0779e-16	9.1775e+00	0.0000e+00	0.0000e+00
448	2001	2.1026e+02	3.5200e+01	0.0000e+00	-1.0506e+01	0.0000e+00	0.0000e+00
	2018	-2.1026e+02	3.5200e+01	0.0000e+00	1.0506e+01	0.0000e+00	0.0000e+00
449	2000	2.6955e+02	3.5200e+01	0.0000e+00	-1.8048e+00	0.0000e+00	0.0000e+00
	2017	-2.6955e+02	3.5200e+01	0.0000e+00	1.8048e+00	0.0000e+00	0.0000e+00
450	1999	9.8071e+00	3.5200e+01	0.0000e+00	1.2925e+00	0.0000e+00	0.0000e+00
	2016	-9.8071e+00	3.5200e+01	0.0000e+00	-1.2925e+00	0.0000e+00	0.0000e+00
451	1982	3.6242e+02	3.2000e+01	1.8709e-17	2.4962e-01	0.0000e+00	0.0000e+00
	2015	-3.6242e+02	3.2000e+01	-1.8709e-17	-2.4962e-01	0.0000e+00	0.0000e+00
452	1984	-1.3441e+01	3.2000e+01	1.5296e-17	-1.4900e-01	0.0000e+00	0.0000e+00
	2013	1.3441e+01	3.2000e+01	-1.5296e-17	1.4900e-01	0.0000e+00	0.0000e+00
453	1985	-1.1334e+02	3.2000e+01	1.7720e-17	-1.4207e+00	0.0000e+00	0.0000e+00
	2012	1.1334e+02	3.2000e+01	-1.7720e-17	1.4207e+00	0.0000e+00	0.0000e+00
454	1986	-1.3634e+01	3.2000e+01	1.4653e-17	-7.7720e+00	0.0000e+00	0.0000e+00
	2011	1.3634e+01	3.2000e+01	-1.4653e-17	7.7720e+00	0.0000e+00	0.0000e+00
455	1998	1.3571e+02	3.2000e+01	-3.5946e-17	-2.4696e+01	0.0000e+00	0.0000e+00
	2010	-1.3571e+02	3.2000e+01	3.5946e-17	2.4696e+01	0.0000e+00	0.0000e+00
456	1997	7.1204e+00	3.2000e+01	-1.4918e-16	-3.1099e+01	0.0000e+00	0.0000e+00
	2009	-7.1204e+00	3.2000e+01	1.4918e-16	3.1099e+01	0.0000e+00	0.0000e+00
457	1995	1.4935e+02	3.2000e+01	-2.1897e-16	-2.3454e+01	0.0000e+00	0.0000e+00
	2007	-1.4935e+02	3.2000e+01	2.1897e-16	2.3454e+01	0.0000e+00	0.0000e+00
458	1994	-4.2656e+01	3.2000e+01	-2.3969e-16	-6.9172e+00	0.0000e+00	0.0000e+00
	2006	4.2656e+01	3.2000e+01	2.3969e-16	6.9172e+00	0.0000e+00	0.0000e+00
459	1992	-4.3494e+02	3.2000e+01	-2.4496e-16	1.2862e+01	0.0000e+00	0.0000e+00
	2004	4.3494e+02	3.2000e+01	2.4496e-16	-1.2862e+01	0.0000e+00	0.0000e+00
460	1991	-4.7544e+01	3.2000e+01	-2.7759e-16	2.7281e+01	0.0000e+00	0.0000e+00

	2003	4.7544e+01	3.2000e+01	2.7759e-16	-2.7281e+01	0.0000e+00	0.0000e+00
461	1989	-2.6590e+02	3.2000e+01	-3.6559e-16	3.1096e+01	0.0000e+00	0.0000e+00
	2001	2.6590e+02	3.2000e+01	3.6559e-16	-3.1096e+01	0.0000e+00	0.0000e+00
462	1988	1.8560e+02	3.2000e+01	-5.1752e-16	5.6997e+00	0.0000e+00	0.0000e+00
	2000	-1.8560e+02	3.2000e+01	5.1752e-16	-5.6997e+00	0.0000e+00	0.0000e+00
463	1987	-2.3111e+00	3.2000e+01	-5.0151e-16	-2.4362e+00	0.0000e+00	0.0000e+00
	1999	2.3111e+00	3.2000e+01	5.0151e-16	2.4362e+00	0.0000e+00	0.0000e+00
464	1926	-1.2403e+02	-3.5496e+01	6.4268e+01	1.8320e+03	-1.1795e+04	-5.2885e+03
	1981	1.2403e+02	3.5496e+01	-9.4066e+01	-1.8320e+03	0.0000e+00	0.0000e+00
465	1924	-1.4927e+02	1.1897e+01	-6.6290e+01	-3.4093e+02	-6.3856e+03	-4.1196e+03
	1926	1.4927e+02	-1.1897e+01	4.6647e+01	3.4093e+02	1.1932e+04	5.2881e+03
466	1923	-1.6560e+02	5.3146e+01	-1.2029e+02	-9.8331e+02	4.7669e+03	1.2258e+03
	1924	1.6560e+02	-5.3146e+01	1.0018e+02	9.8331e+02	6.3187e+03	4.1186e+03
467	1922	-4.3957e+02	1.0391e+02	1.0083e+01	-8.5759e+02	2.8372e+03	1.1431e+04
	1923	4.3957e+02	-1.0391e+02	-2.9720e+01	8.5759e+02	-4.7912e+03	-1.2281e+03
468	1949	-4.1158e+02	2.3806e+02	-2.5880e+01	-1.4073e+02	4.2223e+03	2.6945e+04
	1922	4.1158e+02	-2.3806e+02	1.2850e+01	1.4073e+02	-2.9606e+03	-1.1435e+04
469	1921	-2.5325e+02	-2.1722e+02	1.3386e+02	-1.1377e+02	-1.0904e+03	1.8564e+04
	1949	2.5325e+02	2.1722e+02	-1.4157e+02	1.1377e+02	-4.2228e+03	-2.6945e+04
470	1920	-1.7171e+02	-1.9348e+02	-9.9552e+00	-1.5171e+02	-1.1044e+03	-1.0396e+03
	1921	1.7171e+02	1.9348e+02	-1.0322e+01	1.5171e+02	1.0858e+03	-1.8577e+04
471	1918	-1.9649e+02	-1.4383e+02	-4.1609e+01	-2.6202e+02	2.0968e+03	-1.5536e+04
	1920	1.9649e+02	1.4383e+02	2.1429e+01	2.6202e+02	1.0835e+03	1.0231e+03
472	1917	-3.6475e+02	-6.5030e+01	2.4858e+01	-3.0102e+01	-1.4115e+03	-2.2082e+04
	1918	3.6475e+02	6.5030e+01	-4.5030e+01	3.0102e+01	-2.1129e+03	1.5523e+04
473	2107	-3.6893e+02	3.2883e+00	-3.7983e+01	-1.6928e+02	1.4585e+03	-2.1737e+04
	1917	3.6893e+02	-3.2883e+00	1.7281e+01	1.6928e+02	1.4017e+03	2.2077e+04
474	2080	-4.2093e+02	8.3750e+01	2.8522e+01	-1.1992e+01	-2.3226e+03	-1.3475e+04
	2107	4.2093e+02	-8.3750e+01	-4.8269e+01	1.1992e+01	-1.4683e+03	2.1744e+04
475	2079	-4.0206e+02	1.6007e+02	9.2902e+00	-2.6384e+02	-4.2560e+03	2.6218e+03
	2080	4.0206e+02	-1.6007e+02	-2.9423e+01	2.6384e+02	2.3076e+03	1.3491e+04
476	2056	-1.3690e+02	-1.0563e+02	1.5300e+02	6.5253e+02	-3.9201e+03	1.3771e+04
	1959	1.3690e+02	1.0563e+02	-1.7017e+02	-6.5253e+02	-9.9549e+03	-2.2841e+04
477	2039	4.9781e+01	-9.3834e+01	-2.2930e+01	3.8938e+02	-2.6571e+03	4.2238e+03
	2056	-4.9781e+01	9.3834e+01	2.5883e+00	-3.8938e+02	3.9549e+03	-1.3768e+04
478	1960	6.0814e+01	-7.0783e+01	-2.4116e+01	1.9408e+02	-2.1072e+03	2.3397e+03
	2039	-6.0814e+01	7.0783e+01	1.8791e+01	-1.9408e+02	2.6785e+03	-4.2245e+03
479	2022	5.7856e+01	-4.0837e+01	4.7553e+01	1.7672e+03	-1.1747e+04	-6.0844e+03
	1980	-5.7856e+01	4.0837e+01	-1.1013e+02	-1.7672e+03	0.0000e+00	0.0000e+00
480	1993	2.6392e+02	1.3519e+01	-8.2159e+01	-3.9575e+02	-5.8286e+03	-4.7551e+03
	2022	-2.6392e+02	-1.3519e+01	4.0909e+01	3.9575e+02	1.1872e+04	6.0829e+03
481	1916	2.2552e+02	4.1959e+01	-1.2004e+02	-9.8166e+02	4.1888e+03	-5.3650e+02
	1993	-2.2552e+02	-4.1959e+01	7.7805e+01	9.8166e+02	5.7590e+03	4.7559e+03
482	2086	9.0900e+01	7.9465e+01	-7.1053e+00	-8.7085e+02	2.8864e+03	7.2616e+03
	1916	-9.0900e+01	-7.9465e+01	-3.4132e+01	8.7085e+02	-4.2132e+03	5.4058e+02
483	1948	8.5341e+01	1.1837e+02	-3.1332e+01	-1.4159e+02	4.1615e+03	1.4964e+04
	2086	-8.5341e+01	-1.1837e+02	3.9692e+00	1.4159e+02	-3.0116e+03	-7.2528e+03
484	2085	1.8187e+02	-1.6185e+02	1.1997e+02	-1.1505e+02	-7.7879e+02	8.7199e+03
	1948	-1.8187e+02	1.6185e+02	-1.3617e+02	1.1505e+02	-4.1622e+03	-1.4964e+04
485	2059	3.0932e+02	-9.6091e+01	-1.9878e+01	-1.4195e+02	-9.1765e+02	-1.0434e+03
	2085	-3.0932e+02	9.6091e+01	-2.2705e+01	1.4195e+02	7.7433e+02	-8.6990e+03
486	2042	2.8510e+02	-6.0784e+01	-4.7310e+01	-2.3353e+02	1.7369e+03	-7.2030e+03
	2059	-2.8510e+02	6.0784e+01	4.9315e+00	2.3353e+02	8.9872e+02	1.0698e+03
487	2025	3.3005e+02	-2.1824e+01	7.3564e+00	-4.1297e+01	-1.1261e+03	-9.4249e+03
	2042	-3.3005e+02	2.1824e+01	-4.9717e+01	4.1297e+01	-1.7521e+03	7.2238e+03

488	2008	3.2725e+02	1.2898e+01	-4.8144e+01	-1.5225e+02	1.6168e+03	-8.0968e+03
	2025	-3.2725e+02	-1.2898e+01	4.6692e+00	1.5225e+02	1.1165e+03	9.4319e+03
489	1996	7.7705e+01	9.1451e+00	2.6522e+01	2.1841e+01	-3.0419e+03	-7.1826e+03
	2008	-7.7705e+01	-9.1451e+00	-6.7990e+01	-2.1841e+01	-1.6238e+03	8.0856e+03
490	1919	9.3592e+01	6.6085e+01	-2.3820e+01	-3.0822e+02	-2.7564e+03	-5.0605e+02
	1996	-9.3592e+01	-6.6085e+01	-1.8458e+01	3.0822e+02	3.0263e+03	7.1584e+03
491	2098	-1.4644e+02	-9.3091e+01	1.2567e+02	6.2193e+02	-3.2163e+03	4.9024e+03
	1958	1.4644e+02	9.3091e+01	-1.6174e+02	-6.2193e+02	-9.1232e+03	-1.2896e+04
492	2097	-1.1339e+01	-1.9565e+01	-2.7650e+01	4.0579e+02	-2.6108e+03	2.9182e+03
	2098	1.1339e+01	1.9565e+01	-1.5068e+01	-4.0579e+02	3.2507e+03	-4.9081e+03
493	1961	2.5117e+01	3.6839e+01	-1.8829e+01	2.1383e+02	-2.2810e+03	3.8980e+03
	2097	-2.5117e+01	-3.6839e+01	7.6460e+00	-2.1383e+02	2.6335e+03	-2.9171e+03
494	2065	1.0228e+02	-2.0046e+01	5.0161e+01	1.7340e+03	-1.1469e+04	-2.9866e+03
	1979	-1.0228e+02	2.0046e+01	-1.0380e+02	-1.7340e+03	0.0000e+00	0.0000e+00
495	2048	5.9408e+01	5.4002e+00	-7.6894e+01	-3.7817e+02	-5.7775e+03	-2.4595e+03
	2065	-5.9408e+01	-5.4002e+00	4.1537e+01	3.7817e+02	1.1593e+04	2.9899e+03
496	2031	2.6714e+01	4.6635e+01	-1.0734e+02	-9.5901e+02	3.2638e+03	2.2299e+03
	2048	-2.6714e+01	-4.6635e+01	7.1134e+01	9.5901e+02	5.7098e+03	2.4598e+03
497	2014	-3.7462e+00	9.4021e+01	-1.4398e+01	-8.7273e+02	2.9663e+03	1.1464e+04
	2031	3.7462e+00	-9.4021e+01	-2.0948e+01	8.7273e+02	-3.2879e+03	-2.2322e+03
498	1947	2.5851e-01	1.4648e+02	-3.4991e+01	-1.2396e+02	4.6052e+03	2.1012e+04
	2014	-2.5851e-01	-1.4648e+02	1.1538e+01	1.2396e+02	-3.0895e+03	-1.1469e+04
499	2005	1.1991e+02	-2.0019e+02	1.1759e+02	-9.4591e+01	-1.9896e+02	1.3288e+04
	1947	-1.1991e+02	2.0019e+02	-1.3148e+02	9.4591e+01	-4.6057e+03	-2.1012e+04
500	1983	9.6132e+01	-1.4913e+02	-7.1078e+00	-1.0144e+02	-1.3252e+03	-1.8228e+03
	2005	-9.6132e+01	1.4913e+02	-2.9391e+01	1.0144e+02	1.9556e+02	-1.3296e+04
501	1925	6.9513e+01	-1.0152e+02	-4.8599e+01	-2.3422e+02	1.7628e+03	-1.2057e+04
	1983	-6.9513e+01	1.0152e+02	1.2274e+01	2.3422e+02	1.3083e+03	1.8132e+03
502	2125	-4.7810e+01	-5.6209e+01	6.0663e+00	-3.9116e+01	-6.6499e+02	-1.7719e+04
	1925	4.7810e+01	5.6209e+01	-4.2376e+01	3.9116e+01	-1.7779e+03	1.2050e+04
503	2123	-5.2291e+01	6.3782e+00	-3.2023e+01	-1.0456e+02	7.2825e+02	-1.7056e+04
	2125	5.2291e+01	-6.3782e+00	-5.2407e+00	1.0456e+02	6.5789e+02	1.7716e+04
504	2122	7.4654e+00	6.0967e+01	1.6960e+01	-2.5885e+01	-2.6939e+03	-1.1040e+04
	2123	-7.4654e+00	-6.0967e+01	-5.2504e+01	2.5885e+01	-7.3526e+02	1.7060e+04
505	2120	2.7195e+01	1.1587e+02	-2.0427e+01	-3.1793e+02	-2.4429e+03	6.1535e+02
	2122	-2.7195e+01	-1.1587e+02	-1.5811e+01	3.1793e+02	2.6752e+03	1.1049e+04
506	2119	-5.8137e+01	-1.1780e+02	1.1630e+02	5.7942e+02	-2.5456e+03	1.0190e+04
	1957	5.8137e+01	1.1780e+02	-1.4721e+02	-5.7942e+02	-8.7677e+03	-2.0306e+04
507	2118	-3.6989e+01	-6.3824e+01	-1.4884e+01	4.0820e+02	-2.9268e+03	3.6966e+03
	2119	3.6989e+01	6.3824e+01	-2.1731e+01	-4.0820e+02	2.5786e+03	-1.0188e+04
508	1962	-9.1079e+00	-1.3358e+01	-2.2997e+01	1.9313e+02	-2.4641e+03	3.3409e+03
	2118	9.1079e+00	1.3358e+01	1.3411e+01	-1.9313e+02	2.9488e+03	-3.6966e+03
509	2117	7.0120e+01	-2.5541e+01	4.9021e+01	1.7111e+03	-1.1299e+04	-3.8054e+03
	1978	-7.0120e+01	2.5541e+01	-1.0266e+02	-1.7111e+03	0.0000e+00	0.0000e+00
510	2115	2.6781e+01	5.8389e+00	-7.5283e+01	-3.6986e+02	-5.7646e+03	-3.2312e+03
	2117	-2.6781e+01	-5.8389e+00	3.9926e+01	3.6986e+02	1.1422e+04	3.8047e+03
511	2114	-5.7023e+00	5.0363e+01	-1.0352e+02	-9.4945e+02	2.8919e+03	1.8334e+03
	2115	5.7023e+00	-5.0363e+01	6.7318e+01	9.4945e+02	5.6979e+03	3.2312e+03
512	2113	-3.6054e+01	9.8601e+01	-1.8398e+01	-8.7297e+02	2.9871e+03	1.1514e+04
	2114	3.6054e+01	-9.8601e+01	-1.6948e+01	8.7297e+02	-2.9159e+03	-1.8329e+03
513	1946	-2.9960e+01	1.5879e+02	-3.7170e+01	-1.1913e+02	4.7674e+03	2.1858e+04
	2113	2.9960e+01	-1.5879e+02	1.3716e+01	1.1913e+02	-3.1097e+03	-1.1513e+04
514	2112	9.6199e+01	-2.0646e+02	1.1498e+02	-8.8720e+01	6.4007e+01	1.3892e+04
	1946	-9.6199e+01	2.0646e+02	-1.2887e+02	8.8720e+01	-4.7679e+03	-2.1858e+04
515	2111	7.2216e+01	-1.5456e+02	-3.9432e+00	-8.6446e+01	-1.3834e+03	-1.7803e+03

	2112	-7.2216e+01	1.5456e+02	-3.2556e+01	8.6446e+01	-6.7047e+01	-1.3890e+04
516	2109	4.5172e+01	-1.0453e+02	-4.7613e+01	-2.2516e+02	1.6039e+03	-1.2329e+04
	2111	-4.5172e+01	1.0453e+02	1.1288e+01	2.2516e+02	1.3677e+03	1.7822e+03
517	2108	-2.3785e+01	-5.4089e+01	1.7164e+00	-4.7607e+01	-3.8522e+02	-1.7786e+04
	2109	2.3785e+01	5.4089e+01	-3.8026e+01	4.7607e+01	-1.6189e+03	1.2331e+04
518	2106	-2.8173e+01	6.1172e+00	-2.5995e+01	-8.5398e+01	3.8353e+02	-1.7154e+04
	2108	2.8173e+01	-6.1172e+00	-1.1269e+01	8.5398e+01	3.7864e+02	1.7787e+04
519	2105	7.5767e+00	6.1876e+01	1.2134e+01	-4.3768e+01	-2.5622e+03	-1.1044e+04
	2106	-7.5767e+00	-6.1876e+01	-4.7678e+01	4.3768e+01	-3.9047e+02	1.7153e+04
520	2103	2.7404e+01	1.1677e+02	-2.0499e+01	-3.2142e+02	-2.3028e+03	7.1161e+02
	2105	-2.7404e+01	-1.1677e+02	-1.5740e+01	3.2142e+02	2.5423e+03	1.1042e+04
521	2102	-5.8654e+01	-1.1885e+02	1.1116e+02	5.6387e+02	-2.2538e+03	1.0315e+04
	1956	5.8654e+01	1.1885e+02	-1.4207e+02	-5.6387e+02	-8.6180e+03	-2.0521e+04
522	2101	-3.7575e+01	-6.4835e+01	-1.0915e+01	4.1217e+02	-3.0383e+03	3.7218e+03
	2102	3.7575e+01	6.4835e+01	-2.5701e+01	-4.1217e+02	2.2864e+03	-1.0316e+04
523	1963	-9.7659e+00	-1.4323e+01	-2.4020e+01	1.8893e+02	-2.5483e+03	3.3407e+03
	2101	9.7659e+00	1.4323e+01	1.4434e+01	-1.8893e+02	3.0603e+03	-3.7221e+03
524	2100	7.2048e+01	-2.8904e+01	4.5027e+01	1.6810e+03	-1.1093e+04	-4.3064e+03
	1977	-7.2048e+01	2.8904e+01	-1.0388e+02	-1.6810e+03	0.0000e+00	0.0000e+00
525	2099	2.2303e+01	-3.2689e+01	4.8379e+01	1.6866e+03	-1.1093e+04	-4.8704e+03
	1976	-2.2303e+01	3.2689e+01	-1.0053e+02	-1.6866e+03	0.0000e+00	0.0000e+00
526	2096	2.4416e+01	6.4298e+00	-7.4913e+01	-3.6190e+02	-5.7610e+03	-3.6753e+03
	2100	-2.4416e+01	-6.4298e+00	3.6118e+01	3.6190e+02	1.1214e+04	4.3068e+03
527	2095	-2.0497e+01	6.2817e+00	-7.2451e+01	-3.5634e+02	-5.7869e+03	-4.2523e+03
	2099	2.0497e+01	-6.2817e+00	3.8076e+01	3.5634e+02	1.1215e+04	4.8693e+03
528	2094	-1.1197e+01	5.5783e+01	-1.0232e+02	-9.4117e+02	2.5975e+03	1.9341e+03
	2096	1.1197e+01	-5.5783e+01	6.2603e+01	9.4117e+02	5.6951e+03	3.6755e+03
529	2093	-5.1780e+01	5.4260e+01	-9.9119e+01	-9.3824e+02	2.4764e+03	1.2045e+03
	2095	5.1780e+01	-5.4260e+01	6.3922e+01	9.3824e+02	5.7214e+03	4.2519e+03
530	2092	-4.4484e+01	1.0884e+02	-2.3121e+01	-8.7244e+02	2.9876e+03	1.2621e+04
	2094	4.4484e+01	-1.0884e+02	-1.5662e+01	8.7244e+02	-2.6214e+03	-1.9344e+03
531	2091	-8.1132e+01	1.0237e+02	-2.2387e+01	-8.7270e+02	3.0113e+03	1.1255e+04
	2093	8.1132e+01	-1.0237e+02	-1.1977e+01	8.7270e+02	-2.5002e+03	-1.2040e+03
532	1945	-3.7491e+01	1.7606e+02	-4.0146e+01	-1.1850e+02	4.8873e+03	2.4093e+04
	2092	3.7491e+01	-1.7606e+02	1.4412e+01	1.1850e+02	-3.1101e+03	-1.2623e+04
533	1944	-7.2235e+01	1.7191e+02	-3.9467e+01	-1.1298e+02	4.9616e+03	2.2453e+04
	2091	7.2235e+01	-1.7191e+02	1.6665e+01	1.1298e+02	-3.1331e+03	-1.1253e+04
534	2090	1.0194e+02	-2.2756e+02	1.1026e+02	-8.7328e+01	3.4004e+02	1.5313e+04
	1945	-1.0194e+02	2.2756e+02	-1.2549e+02	8.7328e+01	-4.8878e+03	-2.4093e+04
535	2089	5.9743e+01	-2.0980e+02	1.1256e+02	-8.1333e+01	3.5872e+02	1.4359e+04
	1944	-5.9743e+01	2.0980e+02	-1.2607e+02	8.1333e+01	-4.9621e+03	-2.2453e+04
536	2088	7.5590e+01	-1.7050e+02	-2.9397e+00	-7.5475e+01	-1.3892e+03	-1.9688e+03
	2090	-7.5590e+01	1.7050e+02	-3.7108e+01	7.5475e+01	-3.4287e+02	-1.5318e+04
537	2087	3.6132e+01	-1.5817e+02	-8.0416e-01	-6.8835e+01	-1.3560e+03	-1.6835e+03
	2089	-3.6132e+01	1.5817e+02	-3.4681e+01	6.8835e+01	-3.6133e+02	-1.4353e+04
538	2084	4.5843e+01	-1.1523e+02	-4.7478e+01	-2.1483e+02	1.4052e+03	-1.3590e+04
	2088	-4.5843e+01	1.1523e+02	7.6213e+00	2.1483e+02	1.3746e+03	1.9635e+03
539	2083	9.2163e+00	-1.0606e+02	-4.3386e+01	-2.0488e+02	1.2538e+03	-1.2392e+04
	2087	-9.2163e+00	1.0606e+02	8.0700e+00	2.0488e+02	1.3422e+03	1.6898e+03
540	2082	-6.6189e-01	-5.8009e+01	-4.5328e+00	-5.9168e+01	-1.3160e+02	-1.9437e+04
	2084	6.6189e-01	5.8009e+01	-3.5306e+01	5.9168e+01	-1.4203e+03	1.3586e+04
541	2081	-1.2758e+01	-5.0910e+01	-4.8157e+00	-6.5916e+01	-2.5772e+01	-1.7531e+04
	2083	1.2758e+01	5.0910e+01	-3.0485e+01	6.5916e+01	-1.2687e+03	1.2397e+04
542	2078	-5.4687e+00	5.5328e+00	-2.3100e+01	-7.1869e+01	1.4985e+02	-1.8863e+04
	2082	5.4687e+00	-5.5328e+00	-1.7787e+01	7.1869e+01	1.2512e+02	1.9436e+04

543	2077	-1.6909e+01	6.5921e+00	-1.8847e+01	-6.8138e+01	5.6664e+01	-1.6851e+04
	2081	1.6909e+01	-6.5921e+00	-1.7382e+01	6.8138e+01	1.9140e+01	1.7533e+04
544	2076	8.3210e+00	6.7955e+01	7.0872e+00	-5.5354e+01	-2.4683e+03	-1.2155e+04
	2078	-8.3210e+00	-6.7955e+01	-4.6086e+01	5.5354e+01	-1.5668e+02	1.8865e+04
545	2075	7.5067e+00	6.1305e+01	7.9321e+00	-6.1615e+01	-2.4254e+03	-1.0796e+04
	2077	-7.5067e+00	-6.1305e+01	-4.2488e+01	6.1615e+01	-6.3629e+01	1.6849e+04
546	2072	3.0083e+01	1.2818e+02	-2.2592e+01	-3.2275e+02	-2.1748e+03	7.4296e+02
	2076	-3.0083e+01	-1.2818e+02	-1.7170e+01	3.2275e+02	2.4477e+03	1.2160e+04
547	2071	2.6907e+01	1.1465e+02	-1.9718e+01	-3.2433e+02	-2.1928e+03	7.5028e+02
	2075	-2.6907e+01	-1.1465e+02	-1.5514e+01	3.2433e+02	2.4044e+03	1.0790e+04
548	2070	-6.4247e+01	-1.3018e+02	1.0488e+02	5.5364e+02	-1.9759e+03	1.1293e+04
	1955	6.4247e+01	1.3018e+02	-1.3880e+02	-5.5364e+02	-8.4858e+03	-2.2471e+04
549	2069	-5.7473e+01	-1.1646e+02	1.0619e+02	5.4753e+02	-1.9276e+03	1.0141e+04
	1954	5.7473e+01	1.1646e+02	-1.3624e+02	-5.4753e+02	-8.4809e+03	-2.0141e+04
550	2068	-4.1104e+01	-7.0924e+01	-9.1736e+00	4.2050e+02	-3.1185e+03	4.0779e+03
	2070	4.1104e+01	7.0924e+01	-3.1002e+01	-4.2050e+02	2.0084e+03	-1.1292e+04
551	2067	-3.7039e+01	-6.3910e+01	-5.6119e+00	4.1764e+02	-3.1994e+03	3.6423e+03
	2069	3.7039e+01	6.3910e+01	-2.9987e+01	-4.1764e+02	1.9599e+03	-1.0143e+04
552	1964	-1.0576e+01	-1.5512e+01	-2.4021e+01	1.9138e+02	-2.6413e+03	3.6650e+03
	2068	1.0576e+01	1.5512e+01	1.3504e+01	-1.9138e+02	3.1409e+03	-4.0781e+03
553	1965	-1.0065e+01	-1.4762e+01	-2.5728e+01	1.8261e+02	-2.6604e+03	3.2489e+03
	2067	1.0065e+01	1.4762e+01	1.6408e+01	-1.8261e+02	3.2214e+03	-3.6419e+03
554	2066	5.3701e+01	-3.2032e+01	4.4753e+01	1.6789e+03	-1.1052e+04	-4.7725e+03
	1975	-5.3701e+01	3.2032e+01	-1.0360e+02	-1.6789e+03	0.0000e+00	0.0000e+00
555	2064	5.8060e+00	6.6861e+00	-7.4010e+01	-3.5657e+02	-5.8093e+03	-4.1166e+03
	2066	-5.8060e+00	-6.6861e+00	3.5215e+01	3.5657e+02	1.1173e+04	4.7733e+03
556	2063	-2.9686e+01	5.7916e+01	-1.0315e+02	-9.4073e+02	2.6318e+03	1.7070e+03
	2064	2.9686e+01	-5.7916e+01	6.3427e+01	9.4073e+02	5.7437e+03	4.1170e+03
557	2062	-6.2910e+01	1.1146e+02	-2.2713e+01	-8.7110e+02	2.9819e+03	1.2651e+04
	2063	6.2910e+01	-1.1146e+02	-1.6069e+01	8.7110e+02	-2.6557e+03	-1.7073e+03
558	1943	-5.4725e+01	1.8309e+02	-4.0295e+01	-1.1859e+02	4.8912e+03	2.4581e+04
	2062	5.4725e+01	-1.8309e+02	1.4561e+01	1.1859e+02	-3.1042e+03	-1.2653e+04
559	2061	8.8423e+01	-2.3116e+02	1.1012e+02	-8.7389e+01	3.4921e+02	1.5662e+04
	1943	-8.8423e+01	2.3116e+02	-1.2536e+02	8.7389e+01	-4.8916e+03	-2.4581e+04
560	2060	6.1959e+01	-1.7362e+02	-3.6996e+00	-7.5217e+01	-1.3030e+03	-1.9361e+03
	2061	-6.1959e+01	1.7362e+02	-3.6348e+01	7.5217e+01	-3.5203e+02	-1.5667e+04
561	2058	3.1967e+01	-1.1696e+02	-4.4905e+01	-2.0590e+02	1.2314e+03	-1.3733e+04
	2060	-3.1967e+01	1.1696e+02	5.0490e+00	2.0590e+02	1.2889e+03	1.9310e+03
562	2057	-3.3961e+00	-5.7644e+01	-7.2645e+00	-6.9409e+01	-2.9823e+01	-1.9543e+04
	2058	3.3961e+00	5.7644e+01	-3.2575e+01	6.9409e+01	-1.2466e+03	1.3729e+04
563	2055	-8.1535e+00	6.1665e+00	-2.1907e+01	-7.2013e+01	1.2871e+02	-1.8903e+04
	2057	8.1535e+00	-6.1665e+00	-1.8979e+01	7.2013e+01	2.2827e+01	1.9541e+04
564	2054	8.3821e+00	6.8454e+01	6.2064e+00	-5.7768e+01	-2.4023e+03	-1.2146e+04
	2055	-8.3821e+00	-6.8454e+01	-4.5206e+01	5.7768e+01	-1.3568e+02	1.8905e+04
565	2052	3.0198e+01	1.2867e+02	-2.1164e+01	-3.1800e+02	-2.2528e+03	8.0154e+02
	2054	-3.0198e+01	-1.2867e+02	-1.8598e+01	3.1800e+02	2.3819e+03	1.2151e+04
566	2051	-6.4517e+01	-1.3073e+02	1.0490e+02	5.5604e+02	-1.9456e+03	1.1359e+04
	1953	6.4517e+01	1.3073e+02	-1.3882e+02	-5.5604e+02	-8.5182e+03	-2.2584e+04
567	2050	-4.1410e+01	-7.1453e+01	-8.2335e+00	4.2492e+02	-3.1841e+03	4.0905e+03
	2051	4.1410e+01	7.1453e+01	-3.1942e+01	-4.2492e+02	1.9784e+03	-1.1358e+04
568	1966	-1.0921e+01	-1.6017e+01	-2.4654e+01	1.9100e+02	-2.6902e+03	3.6646e+03
	2050	1.0921e+01	1.6017e+01	1.4136e+01	-1.9100e+02	3.2066e+03	-4.0911e+03
569	2049	1.5760e+01	-3.4825e+01	4.8408e+01	1.7069e+03	-1.1208e+04	-5.1885e+03
	1974	-1.5760e+01	3.4825e+01	-1.0204e+02	-1.7069e+03	0.0000e+00	0.0000e+00
570	2047	-2.8362e+01	6.5838e+00	-7.3188e+01	-3.5737e+02	-5.8797e+03	-4.5414e+03

	2049	2.8362e+01	-6.5838e+00	3.7831e+01	3.5737e+02	1.1332e+04	5.1880e+03
571	2046	-6.0488e+01	5.6666e+01	-1.0551e+02	-9.4864e+02	2.9761e+03	1.1573e+03
	2047	6.0488e+01	-5.6666e+01	6.9307e+01	9.4864e+02	5.8137e+03	4.5411e+03
572	2045	-9.0654e+01	1.0634e+02	-1.7398e+01	-8.6994e+02	2.9730e+03	1.1599e+04
	2046	9.0654e+01	-1.0634e+02	-1.7948e+01	8.6994e+02	-3.0000e+03	-1.1573e+03
573	1942	-8.1031e+01	1.7960e+02	-3.7537e+01	-1.1961e+02	4.7769e+03	2.3299e+04
	2045	8.1031e+01	-1.7960e+02	1.4083e+01	1.1961e+02	-3.0954e+03	-1.1598e+04
574	2044	5.6223e+01	-2.1733e+02	1.1463e+02	-8.9138e+01	8.6874e+01	1.4914e+04
	1942	-5.6223e+01	2.1733e+02	-1.2852e+02	8.9138e+01	-4.7774e+03	-2.3299e+04
575	2043	3.1887e+01	-1.6404e+02	-5.3338e+00	-8.6069e+01	-1.2196e+03	-1.7196e+03
	2044	-3.1887e+01	1.6404e+02	-3.1165e+01	8.6069e+01	-8.9915e+01	-1.4912e+04
576	2041	4.0938e+00	-1.0990e+02	-4.2666e+01	-2.0830e+02	1.2677e+03	-1.2811e+04
	2043	-4.0938e+00	1.0990e+02	6.3412e+00	2.0830e+02	1.2047e+03	1.7215e+03
577	2040	-2.1098e+01	-5.2706e+01	-3.5111e+00	-6.7782e+01	-1.9398e+02	-1.8128e+04
	2041	2.1098e+01	5.2706e+01	-3.2798e+01	6.7782e+01	-1.2829e+03	1.2812e+04
578	2038	-2.5363e+01	7.2275e+00	-2.3799e+01	-8.6598e+01	3.4846e+02	-1.7381e+04
	2040	2.5363e+01	-7.2275e+00	-1.3465e+01	8.6598e+01	1.8634e+02	1.8129e+04
579	2037	7.7282e+00	6.3114e+01	1.0275e+01	-4.8710e+01	-2.4134e+03	-1.1149e+04
	2038	-7.7282e+00	-6.3114e+01	-4.5819e+01	4.8710e+01	-3.5573e+02	1.7380e+04
580	2035	2.7689e+01	1.1798e+02	-1.7175e+01	-3.1019e+02	-2.4889e+03	7.2912e+02
	2037	-2.7689e+01	-1.1798e+02	-1.9063e+01	3.1019e+02	2.3939e+03	1.1147e+04
581	2034	-5.9005e+01	-1.1956e+02	1.1125e+02	5.6959e+02	-2.1834e+03	1.0405e+04
	1952	5.9005e+01	1.1956e+02	-1.4216e+02	-5.6959e+02	-8.6959e+03	-2.0672e+04
582	2033	-3.7972e+01	-6.5521e+01	-8.7256e+00	4.2257e+02	-3.1912e+03	3.7410e+03
	2034	3.7972e+01	6.5521e+01	-2.7890e+01	-4.2257e+02	2.2166e+03	-1.0405e+04
583	1967	-1.0213e+01	-1.4979e+01	-2.5496e+01	1.8813e+02	-2.6622e+03	3.3416e+03
	2033	1.0213e+01	1.4979e+01	1.5911e+01	-1.8813e+02	3.2135e+03	-3.7404e+03
584	2032	1.3463e+01	-3.5179e+01	4.9241e+01	1.7274e+03	-1.1332e+04	-5.2414e+03
	1973	-1.3463e+01	3.5179e+01	-1.0288e+02	-1.7274e+03	0.0000e+00	0.0000e+00
585	2030	-3.0685e+01	6.6523e+00	-7.3770e+01	-3.5970e+02	-5.9485e+03	-4.5861e+03
	2032	3.0685e+01	-6.6523e+00	3.8412e+01	3.5970e+02	1.1457e+04	5.2395e+03
586	2029	-6.2793e+01	5.6969e+01	-1.1031e+02	-9.5788e+02	3.3906e+03	1.1427e+03
	2030	6.2793e+01	-5.6969e+01	7.4106e+01	9.5788e+02	5.8818e+03	4.5861e+03
587	2028	-9.2951e+01	1.0671e+02	-1.2882e+01	-8.6826e+02	2.9443e+03	1.1618e+04
	2029	9.2951e+01	-1.0671e+02	-2.2464e+01	8.6826e+02	-3.4147e+03	-1.1410e+03
588	1941	-8.3169e+01	1.8051e+02	-3.5543e+01	-1.2499e+02	4.6187e+03	2.3374e+04
	2028	8.3169e+01	-1.8051e+02	1.2089e+01	1.2499e+02	-3.0671e+03	-1.1614e+04
589	2027	5.4528e+01	-2.1768e+02	1.1708e+02	-9.5530e+01	-1.6566e+02	1.4976e+04
	1941	-5.4528e+01	2.1768e+02	-1.3097e+02	9.5530e+01	-4.6192e+03	-2.3374e+04
590	2026	3.0181e+01	-1.6434e+02	-8.5930e+00	-1.0122e+02	-1.1413e+03	-1.6943e+03
	2027	-3.0181e+01	1.6434e+02	-2.7906e+01	1.0122e+02	1.6225e+02	-1.4967e+04
591	2024	2.3666e+00	-1.1003e+02	-4.2929e+01	-2.1551e+02	1.3737e+03	-1.2806e+04
	2026	-2.3666e+00	1.1003e+02	6.6043e+00	2.1551e+02	1.1253e+03	1.7047e+03
592	2023	-4.0040e+01	-5.3499e+01	-2.5385e-01	-6.3314e+01	-4.1641e+02	-1.8210e+04
	2024	4.0040e+01	5.3499e+01	-3.6055e+01	6.3314e+01	-1.3890e+03	1.2814e+04
593	2021	-4.4291e+01	8.3081e+00	-2.8672e+01	-1.0411e+02	6.3110e+02	-1.7353e+04
	2023	4.4291e+01	-8.3081e+00	-8.5922e+00	1.0411e+02	4.0812e+02	1.8213e+04
594	2020	7.7472e+00	6.3269e+01	1.3495e+01	-3.5827e+01	-2.4484e+03	-1.1102e+04
	2021	-7.7472e+00	-6.3269e+01	-4.9039e+01	3.5827e+01	-6.3861e+02	1.7349e+04
595	2018	2.7725e+01	1.1813e+02	-1.5223e+01	-3.0119e+02	-2.7216e+03	7.9834e+02
	2020	-2.7725e+01	-1.1813e+02	-2.1015e+01	3.0119e+02	2.4301e+03	1.1093e+04
596	2017	-5.9245e+01	-1.2005e+02	1.1650e+02	5.8778e+02	-2.4475e+03	1.0464e+04
	1951	5.9245e+01	1.2005e+02	-1.4741e+02	-5.8778e+02	-8.8832e+03	-2.0772e+04
597	2016	-3.8245e+01	-6.5991e+01	-1.1806e+01	4.2308e+02	-3.1426e+03	3.7543e+03
	2017	3.8245e+01	6.5991e+01	-2.4809e+01	-4.2308e+02	2.4813e+03	-1.0466e+04

598	1968	-1.0519e+01	-1.5428e+01	-2.5084e+01	1.9220e+02	-2.6248e+03	3.3425e+03
	2016	1.0519e+01	1.5428e+01	1.5498e+01	-1.9220e+02	3.1651e+03	-3.7533e+03
599	2015	1.4503e+02	-1.8510e+01	4.6093e+01	1.7582e+03	-1.1529e+04	-2.7578e+03
	1972	-1.4503e+02	1.8510e+01	-1.0867e+02	-1.7582e+03	0.0000e+00	0.0000e+00
600	2013	9.5461e+01	6.4293e+00	-7.7092e+01	-3.6519e+02	-6.1108e+03	-2.1285e+03
	2015	-9.5461e+01	-6.4293e+00	3.5841e+01	3.6519e+02	1.1657e+04	2.7599e+03
601	2012	5.7199e+01	5.1898e+01	-1.2504e+02	-9.7973e+02	4.4079e+03	3.0905e+03
	2013	-5.7199e+01	-5.1898e+01	8.2806e+01	9.7973e+02	6.0428e+03	2.1284e+03
602	2011	-2.1907e+02	1.2489e+02	-4.4614e+00	-8.6351e+02	2.8458e+03	1.5356e+04
	2012	2.1907e+02	-1.2489e+02	-3.6776e+01	8.6351e+02	-4.4322e+03	-3.0939e+03
603	1940	-2.0423e+02	2.3792e+02	-3.2625e+01	-1.4437e+02	4.2046e+03	3.0867e+04
	2011	2.0423e+02	-2.3792e+02	5.2619e+00	1.4437e+02	-2.9704e+03	-1.5367e+04
604	2010	-2.8498e+01	-2.6950e+02	1.1872e+02	-1.1755e+02	-6.8782e+02	2.0470e+04
	1940	2.8498e+01	2.6950e+02	-1.3493e+02	1.1755e+02	-4.2053e+03	-3.0867e+04
605	2009	6.4579e+01	-2.2367e+02	-1.8731e+01	-1.4156e+02	-9.4288e+02	-2.1742e+03
	2010	-6.4579e+01	2.2367e+02	-2.3852e+01	1.4156e+02	6.8329e+02	-2.0503e+04
606	2007	2.8766e+01	-1.6310e+02	-4.6876e+01	-2.3568e+02	1.6680e+03	-1.8590e+04
	2009	-2.8766e+01	1.6310e+02	4.4970e+00	2.3568e+02	9.2386e+02	2.1328e+03
607	2006	-1.7327e+02	-7.8847e+01	5.8860e+00	-5.1154e+01	-1.0461e+03	-2.6511e+04
	2007	1.7327e+02	7.8847e+01	-4.8247e+01	5.1154e+01	-1.6838e+03	1.8558e+04
608	2004	-1.7924e+02	5.8343e+00	-4.6079e+01	-1.5416e+02	1.4837e+03	-2.5897e+04
	2006	1.7924e+02	-5.8343e+00	2.6042e+00	1.5416e+02	1.0359e+03	2.6501e+04
609	2003	-2.1124e+02	9.8291e+01	2.1133e+01	5.6850e+00	-2.6419e+03	-1.6210e+04
	2004	2.1124e+02	-9.8291e+01	-6.2600e+01	-5.6850e+00	-1.4916e+03	2.5914e+04
610	2001	-1.8397e+02	1.8604e+02	-1.5259e+01	-2.8090e+02	-3.2189e+03	2.4815e+03
	2003	1.8397e+02	-1.8604e+02	-2.7019e+01	2.8090e+02	2.6269e+03	1.6246e+04
611	2000	-1.8835e+01	-1.4691e+02	1.2621e+02	6.3558e+02	-3.0699e+03	1.6235e+04
	1950	1.8835e+01	1.4691e+02	-1.6227e+02	-6.3558e+02	-9.3156e+03	-2.8849e+04
612	1999	9.8864e+01	-1.0054e+02	-2.2972e+01	4.2921e+02	-2.9414e+03	6.0016e+03
	2000	-9.8864e+01	1.0054e+02	-1.9746e+01	-4.2921e+02	3.1055e+03	-1.6227e+04
613	1969	1.2911e+02	-5.1972e+01	-2.2038e+01	2.1301e+02	-2.5270e+03	4.6215e+03
	1999	-1.2911e+02	5.1972e+01	1.0854e+01	-2.1301e+02	2.9649e+03	-6.0053e+03
614	1982	-2.0430e+01	-2.4884e+01	6.7150e+01	1.8478e+03	-1.2225e+04	-3.7074e+03
	1971	2.0430e+01	2.4884e+01	-9.6948e+01	-1.8478e+03	0.0000e+00	0.0000e+00
615	1984	1.9558e+02	1.5847e+01	-7.6390e+01	-4.0322e+02	-5.8188e+03	-2.1512e+03
	1982	-1.9558e+02	-1.5847e+01	5.6747e+01	4.0322e+02	1.2357e+04	3.7076e+03
616	1985	1.7789e+02	2.2290e+01	-1.0994e+02	-9.8810e+02	4.2963e+03	9.0232e+01
	1984	-1.7789e+02	-2.2290e+01	8.9831e+01	9.8810e+02	5.7485e+03	2.1513e+03
617	1986	3.8284e+01	2.8599e+01	3.7025e+00	-8.7442e+02	2.9933e+03	2.8964e+03
	1985	-3.8284e+01	-2.8599e+01	-2.3339e+01	8.7442e+02	-4.3208e+03	-8.8391e+01
618	1938	3.3536e+01	4.8621e+01	-2.2961e+01	-1.1902e+02	4.1876e+03	6.0563e+03
	1986	-3.3536e+01	-4.8621e+01	9.9315e+00	1.1902e+02	-3.1161e+03	-2.8886e+03
619	1998	7.4150e+01	-6.9283e+01	1.3702e+02	-9.2296e+01	-1.2469e+03	3.3832e+03
	1938	-7.4150e+01	6.9283e+01	-1.4473e+02	9.2296e+01	-4.1881e+03	-6.0563e+03
620	1997	1.9787e+02	-3.4385e+01	-1.6124e+01	-1.3539e+02	-6.3619e+02	-1.2789e+02
	1998	-1.9787e+02	3.4385e+01	-4.1538e+00	1.3539e+02	1.2430e+03	-3.3583e+03
621	1995	1.8722e+02	-2.2716e+01	-2.9184e+01	-1.9870e+02	1.3072e+03	-2.4511e+03
	1997	-1.8722e+02	2.2716e+01	9.0031e+00	1.9870e+02	6.1934e+02	1.5899e+02
622	1994	2.2318e+02	-9.1455e+00	1.7023e+01	-5.3848e+01	-1.4130e+03	-3.3970e+03
	1995	-2.2318e+02	9.1455e+00	-3.7195e+01	5.3848e+01	-1.3211e+03	2.4746e+03
623	1992	2.2165e+02	8.6634e-01	-4.6335e+01	-1.9306e+02	2.3239e+03	-3.3142e+03
	1994	-2.2165e+02	-8.6634e-01	2.5633e+01	1.9306e+02	1.4008e+03	3.4039e+03
624	1991	-4.9236e+01	-6.1508e+00	4.9467e+01	5.7007e+01	-3.5276e+03	-3.9086e+03
	1992	4.9236e+01	6.1508e+00	-6.9213e+01	-5.7007e+01	-2.3312e+03	3.3013e+03
625	1989	-4.2301e+01	3.0379e+01	-1.8210e+01	-3.2595e+02	-2.6932e+03	-8.2324e+02

1991	4.2301e+01	-3.0379e+01	-1.9229e+00	3.2595e+02	3.5129e+03	3.8813e+03
626	1988	-1.7775e+02	-5.2985e+01	1.4059e+02	6.2188e+02	-3.5724e+03
	1939	1.7775e+02	5.2985e+01	-1.5777e+02	-6.2188e+02	-9.2370e+03
627	1987	-2.9949e+00	-5.1676e+00	-1.7834e+01	3.8198e+02	-2.8266e+03
	1988	2.9949e+00	5.1676e+00	-2.5082e+00	-3.8198e+02	3.6060e+03
628	1970	1.4662e+01	2.1504e+01	-2.5470e+01	1.7431e+02	-2.2396e+03
	1987	-1.4662e+01	-2.1504e+01	2.0145e+01	-1.7431e+02	2.8469e+03
629	1910	0.0000e+00	2.7057e+01	0.0000e+00	-2.4264e+02	0.0000e+00
	28	0.0000e+00	-2.7057e+01	0.0000e+00	2.4264e+02	0.0000e+00
630	1905	0.0000e+00	5.2488e+01	0.0000e+00	-1.1843e+03	0.0000e+00
	33	0.0000e+00	-5.2488e+01	0.0000e+00	1.1843e+03	0.0000e+00
631	1915	0.0000e+00	-1.0484e+01	0.0000e+00	-1.1108e+03	0.0000e+00
	23	0.0000e+00	1.0484e+01	0.0000e+00	1.1108e+03	0.0000e+00
632	1894	-7.4292e+01	-1.0547e+02	-9.4066e+01	1.4264e+03	1.2720e+04
	1981	7.4292e+01	1.0547e+02	9.4066e+01	-1.4264e+03	-1.1497e+03
633	1895	7.0672e+01	4.5130e+00	-1.1013e+02	1.3759e+03	1.4655e+04
	1980	-7.0672e+01	-4.5130e+00	1.1013e+02	-1.3759e+03	-1.1090e+03
634	1896	9.2216e+01	4.8582e+01	-1.0380e+02	1.3500e+03	1.3855e+04
	1979	-9.2216e+01	-4.8582e+01	1.0380e+02	-1.3500e+03	-1.0882e+03
635	1897	7.0622e+01	2.4119e+01	-1.0266e+02	1.3322e+03	1.3701e+04
	1978	-7.0622e+01	-2.4119e+01	1.0266e+02	-1.3322e+03	-1.0738e+03
636	1898	7.4233e+01	2.2710e+01	-1.0388e+02	1.3087e+03	1.3832e+04
	1977	-7.4233e+01	-2.2710e+01	1.0388e+02	-1.3087e+03	-1.0549e+03
637	1899	3.7878e+01	-1.1455e+01	-1.0053e+02	1.3132e+03	1.3423e+04
	1976	-3.7878e+01	1.1455e+01	1.0053e+02	-1.3132e+03	-1.0585e+03
638	1900	6.1912e+01	8.7609e+00	-1.0360e+02	1.3071e+03	1.3797e+04
	1975	-6.1912e+01	-8.7609e+00	1.0360e+02	-1.3071e+03	-1.0536e+03
639	1901	3.4125e+01	-1.7223e+01	-1.0204e+02	1.3289e+03	1.3623e+04
	1974	-3.4125e+01	1.7223e+01	1.0204e+02	-1.3289e+03	-1.0712e+03
640	1902	3.2559e+01	-1.8941e+01	-1.0288e+02	1.3449e+03	1.3738e+04
	1973	-3.2559e+01	1.8941e+01	1.0288e+02	-1.3449e+03	-1.0841e+03
641	1903	1.2453e+02	7.6601e+01	-1.0867e+02	1.3689e+03	1.4470e+04
	1972	-1.2453e+02	-7.6601e+01	1.0867e+02	-1.3689e+03	-1.1034e+03
642	1904	-2.9012e-01	-3.2194e+01	-9.6948e+01	1.4387e+03	1.3084e+04
	1971	2.9012e-01	3.2194e+01	9.6948e+01	-1.4387e+03	-1.1596e+03
2422	55	-2.1743e-12	-7.4100e+01	-1.7764e-15	3.1222e+01	0.0000e+00
	56	2.1743e-12	7.4100e+01	1.7764e-15	-3.1222e+01	0.0000e+00
2423	54	-1.3074e-12	-5.2217e+01	0.0000e+00	2.0915e+01	0.0000e+00
	55	1.3074e-12	5.2217e+01	0.0000e+00	-2.0915e+01	0.0000e+00
2424	53	-1.7195e-12	-1.1856e+02	0.0000e+00	1.1775e+01	0.0000e+00
	54	1.7195e-12	1.1856e+02	0.0000e+00	-1.1775e+01	0.0000e+00
2425	52	-3.2969e-12	-5.1883e+01	0.0000e+00	1.2065e+01	0.0000e+00
	53	3.2969e-12	5.1883e+01	0.0000e+00	-1.2065e+01	-1.1369e-13
2426	51	1.8616e-12	-8.0817e+01	0.0000e+00	6.4151e+00	5.6843e-14
	52	-1.8616e-12	8.0817e+01	0.0000e+00	-6.4151e+00	0.0000e+00
2427	50	2.1032e-12	-8.0738e+01	2.2204e-16	1.7402e+01	-8.5265e-14
	51	-2.1032e-12	8.0738e+01	-2.2204e-16	-1.7402e+01	-1.1369e-13
2428	49	-3.5101e-12	-5.1917e+01	0.0000e+00	1.3709e+01	0.0000e+00
	50	3.5101e-12	5.1917e+01	0.0000e+00	-1.3709e+01	1.1369e-13
2429	48	1.5632e-13	-1.1865e+02	0.0000e+00	1.2029e+01	0.0000e+00
	49	-1.5632e-13	1.1865e+02	0.0000e+00	-1.2029e+01	-4.5475e-13
2430	47	-2.8422e-12	-5.2055e+01	0.0000e+00	1.3128e+01	0.0000e+00
	48	2.8422e-12	5.2055e+01	0.0000e+00	-1.3128e+01	0.0000e+00
2431	35	-4.8317e-13	-7.4914e+01	-1.7764e-15	9.1894e+00	0.0000e+00
	47	4.8317e-13	7.4914e+01	1.7764e-15	-9.1894e+00	0.0000e+00

2432	45	1.7621e-12	-7.3564e+01	-1.7764e-15	6.1715e+01	0.0000e+00	-1.3993e+04
	46	-1.7621e-12	7.3564e+01	1.7764e-15	-6.1715e+01	0.0000e+00	-1.5433e+04
2433	44	3.9790e-13	-5.4144e+01	0.0000e+00	2.7088e+01	2.2737e-13	-1.1731e+04
	45	-3.9790e-13	5.4144e+01	0.0000e+00	-2.7088e+01	6.8212e-13	-1.2093e+04
2434	43	-1.8190e-12	-1.2229e+02	-3.5527e-15	2.4103e+01	4.5475e-13	-1.7111e+04
	44	1.8190e-12	1.2229e+02	3.5527e-15	-2.4103e+01	4.5475e-13	-1.7129e+04
2435	42	0.0000e+00	-5.3344e+01	-4.4409e-16	3.6755e+01	0.0000e+00	-1.1898e+04
	43	0.0000e+00	5.3344e+01	4.4409e-16	-3.6755e+01	2.2737e-13	-1.1574e+04
2436	65	2.3306e-12	-7.7343e+01	-1.7764e-15	-4.4854e+00	0.0000e+00	-1.4714e+04
	66	-2.3306e-12	7.7343e+01	1.7764e-15	4.4854e+00	0.0000e+00	-1.6223e+04
2437	64	2.5580e-12	-5.5746e+01	0.0000e+00	4.2662e+01	2.2737e-13	-1.2090e+04
	65	-2.5580e-12	5.5746e+01	0.0000e+00	-4.2662e+01	2.2737e-13	-1.2438e+04
2438	63	1.5916e-12	-1.2578e+02	3.5527e-15	3.3253e+01	-4.5475e-13	-1.7602e+04
	64	-1.5916e-12	1.2578e+02	-3.5527e-15	-3.3253e+01	-4.5475e-13	-1.7617e+04
2439	62	1.8190e-12	-5.4986e+01	4.4409e-16	3.0855e+01	1.1369e-13	-1.2262e+04
	63	-1.8190e-12	5.4986e+01	-4.4409e-16	-3.0855e+01	1.1369e-13	-1.1932e+04
2440	61	2.0464e-12	-8.5460e+01	0.0000e+00	2.8577e+01	1.7053e-13	-1.4756e+04
	62	-2.0464e-12	8.5460e+01	0.0000e+00	-2.8577e+01	1.1369e-13	-1.5155e+04
2441	41	2.8422e-12	-8.3186e+01	0.0000e+00	3.5148e+01	0.0000e+00	-1.4363e+04
	42	-2.8422e-12	8.3186e+01	0.0000e+00	-3.5148e+01	2.8422e-14	-1.4752e+04
2442	40	2.1600e-12	-8.2932e+01	2.2204e-16	3.2110e+01	-2.8422e-14	-1.4701e+04
	41	-2.1600e-12	8.2932e+01	-2.2204e-16	-3.2110e+01	-5.6843e-14	-1.4326e+04
2443	39	0.0000e+00	-5.3436e+01	-8.8818e-16	3.6813e+01	0.0000e+00	-1.1611e+04
	40	0.0000e+00	5.3436e+01	8.8818e-16	-3.6813e+01	0.0000e+00	-1.1901e+04
2444	38	-1.9327e-12	-1.2219e+02	0.0000e+00	2.6353e+01	4.5475e-13	-1.7088e+04
	39	1.9327e-12	1.2219e+02	0.0000e+00	-2.6353e+01	0.0000e+00	-1.7125e+04
2445	37	2.8422e-13	-5.3650e+01	0.0000e+00	3.3117e+01	0.0000e+00	-1.1986e+04
	38	-2.8422e-13	5.3650e+01	0.0000e+00	-3.3117e+01	-4.5475e-13	-1.1620e+04
2446	34	1.9327e-12	-7.4652e+01	0.0000e+00	6.9137e+01	0.0000e+00	-1.5690e+04
	37	-1.9327e-12	7.4652e+01	0.0000e+00	-6.9137e+01	0.0000e+00	-1.4171e+04
2447	60	2.6148e-12	-8.5672e+01	2.2204e-16	2.9053e+01	-8.5265e-14	-1.5184e+04
	61	-2.6148e-12	8.5672e+01	-2.2204e-16	-2.9053e+01	-1.1369e-13	-1.4802e+04
2448	59	1.0232e-12	-5.5072e+01	-4.4409e-16	2.9729e+01	0.0000e+00	-1.1967e+04
	60	-1.0232e-12	5.5072e+01	4.4409e-16	-2.9729e+01	0.0000e+00	-1.2264e+04
2449	58	-3.4106e-12	-1.2580e+02	0.0000e+00	3.1291e+01	0.0000e+00	-1.7595e+04
	59	3.4106e-12	1.2580e+02	0.0000e+00	-3.1291e+01	0.0000e+00	-1.7629e+04
2450	57	8.5265e-13	-5.5218e+01	-1.7764e-15	3.1337e+01	2.2737e-13	-1.2328e+04
	58	-8.5265e-13	5.5218e+01	1.7764e-15	-3.1337e+01	0.0000e+00	-1.1968e+04
2451	36	1.8190e-12	-7.7666e+01	0.0000e+00	-2.1391e+01	0.0000e+00	-1.6317e+04
	57	-1.8190e-12	7.7666e+01	0.0000e+00	2.1391e+01	0.0000e+00	-1.4750e+04
2452	56	0.0000e+00	2.2872e+00	-1.4211e-14	-1.4696e+02	-1.2506e-12	8.8647e+02
	46	0.0000e+00	-2.2872e+00	1.4211e-14	1.4696e+02	-3.5811e-12	1.1073e+02
2453	66	0.0000e+00	-2.5430e+01	1.7764e-14	5.7252e+02	3.4106e-13	-3.7924e+03
	56	0.0000e+00	2.5430e+01	-1.7764e-14	-5.7252e+02	3.2969e-12	-3.9382e+03
2454	55	0.0000e+00	-8.2275e-01	8.8818e-15	-2.0361e+02	-1.7053e-13	1.3274e+02
	45	0.0000e+00	8.2275e-01	-8.8818e-15	2.0361e+02	-2.7569e-12	-4.9146e+02
2455	65	0.0000e+00	-1.7448e+01	-1.0658e-14	5.1457e+02	3.2969e-12	-2.7065e+03
	55	0.0000e+00	1.7448e+01	1.0658e-14	-5.1457e+02	6.7075e-12	-2.5978e+03
2456	54	0.0000e+00	2.0814e+00	1.3767e-14	-1.5834e+02	-1.0800e-12	7.4899e+02
	44	0.0000e+00	-2.0814e+00	-1.3767e-14	1.5834e+02	-3.4959e-12	1.5852e+02
2457	64	0.0000e+00	-1.7271e+01	1.7764e-14	4.7948e+02	3.4106e-13	-2.5944e+03
	54	0.0000e+00	1.7271e+01	-1.7764e-14	-4.7948e+02	3.2969e-12	-2.6562e+03
2458	53	0.0000e+00	3.3335e+00	-9.7700e-15	-1.4339e+02	-2.2169e-12	1.0005e+03
	43	0.0000e+00	-3.3335e+00	9.7700e-15	1.4339e+02	2.6432e-12	4.5292e+02
2459	63	0.0000e+00	-1.5344e+01	1.1546e-14	4.6224e+02	1.1369e-12	-2.2477e+03

	53	0.0000e+00	1.5344e+01	-1.1546e-14	-4.6224e+02	4.0927e-12	-2.4167e+03
2460	52	-1.1369e-13	5.3685e+00	1.4211e-14	-1.7239e+02	-1.0800e-12	1.3766e+03
	42	1.1369e-13	-5.3685e+00	-1.4211e-14	1.7239e+02	-3.4959e-12	9.6403e+02
2461	62	0.0000e+00	-1.2942e+01	-3.5527e-15	5.1621e+02	2.5011e-12	-1.8091e+03
	52	0.0000e+00	1.2942e+01	3.5527e-15	-5.1621e+02	5.6843e-12	-2.1253e+03
2462	51	-1.2304e-14	6.7210e+00	7.5495e-15	-1.5706e+02	5.6843e-14	1.6090e+03
	41	1.2304e-14	-6.7210e+00	-7.5495e-15	1.5706e+02	-2.5011e-12	1.3214e+03
2463	61	5.4993e-14	-9.8825e+00	-8.8818e-15	4.7710e+02	3.2969e-12	-1.2749e+03
	51	-5.4993e-14	9.8825e+00	8.8818e-15	-4.7710e+02	6.5938e-12	-1.7294e+03
2464	50	0.0000e+00	8.1286e+00	8.6597e-15	-1.6222e+02	-1.1369e-13	1.8839e+03
	40	0.0000e+00	-8.1286e+00	-8.6597e-15	1.6222e+02	-2.6716e-12	1.6602e+03
2465	60	1.1369e-13	-8.0953e+00	7.1054e-15	4.9648e+02	1.9327e-12	-9.6692e+02
	50	-1.1369e-13	8.0953e+00	-7.1054e-15	-4.9648e+02	4.8885e-12	-1.4940e+03
2466	49	0.0000e+00	1.0245e+01	1.1768e-14	-1.6557e+02	-6.8212e-13	2.2820e+03
	39	0.0000e+00	-1.0245e+01	-1.1768e-14	1.6557e+02	-3.0695e-12	2.1846e+03
2467	59	0.0000e+00	-6.0369e+00	1.1546e-14	4.8639e+02	1.1369e-12	-5.9125e+02
	49	0.0000e+00	6.0369e+00	-1.1546e-14	-4.8639e+02	4.0927e-12	-1.2440e+03
2468	48	6.8212e-13	1.1300e+01	7.1054e-15	-1.4576e+02	2.2737e-13	2.4871e+03
	38	-6.8212e-13	-1.1300e+01	-7.1054e-15	1.4576e+02	-2.3590e-12	2.4395e+03
2469	58	-4.5475e-13	-3.8900e+00	3.4639e-14	4.6238e+02	-1.8190e-12	-2.1687e+02
	48	4.5475e-13	3.8900e+00	-3.4639e-14	-4.6238e+02	1.0232e-12	-9.6569e+02
2470	47	4.5475e-13	1.3138e+01	1.1990e-14	-2.0659e+02	-9.0949e-13	2.8333e+03
	37	-4.5475e-13	-1.3138e+01	-1.1990e-14	2.0659e+02	-3.4959e-12	2.8949e+03
2471	57	0.0000e+00	-1.2843e+00	-7.9936e-15	5.3797e+02	3.6380e-12	2.5057e+02
	47	0.0000e+00	1.2843e+00	7.9936e-15	-5.3797e+02	6.7075e-12	-6.4101e+02
2472	35	0.0000e+00	9.6426e+00	8.6597e-15	-1.8732e+02	-1.1369e-13	1.9223e+03
	34	0.0000e+00	-9.6426e+00	-8.6597e-15	1.8732e+02	-2.6716e-12	2.2819e+03
2473	36	0.0000e+00	9.3452e+00	1.7764e-14	6.0658e+02	-1.1369e-13	1.7573e+03
	35	0.0000e+00	-9.3452e+00	-1.7764e-14	-6.0658e+02	3.1832e-12	1.0837e+03
2474	33	3.9804e+02	1.9933e+01	-1.0888e+02	-1.2552e+02	3.1983e+04	4.6435e+03
	66	-3.9804e+02	-1.9933e+01	1.0888e+02	1.2552e+02	1.4075e+04	3.7880e+03
2475	22	1.0182e+02	1.5650e+01	-1.0925e+02	-1.2552e+02	3.1373e+04	3.5370e+03
	56	-1.0182e+02	-1.5650e+01	1.0925e+02	1.2552e+02	1.4841e+04	3.0830e+03
2476	21	-5.2570e+00	1.1908e+01	-1.4814e+02	-1.2552e+02	3.7648e+04	2.5825e+03
	55	5.2570e+00	-1.1908e+01	1.4814e+02	1.2552e+02	2.5016e+04	2.4547e+03
2477	32	2.6228e+02	1.4598e+01	-1.5207e+02	-1.2552e+02	3.9382e+04	3.4215e+03
	65	-2.6228e+02	-1.4598e+01	1.5207e+02	1.2552e+02	2.4945e+04	2.7536e+03
2478	20	8.5699e+01	9.1654e+00	-1.5599e+02	-1.2552e+02	3.8701e+04	1.9789e+03
	54	-8.5699e+01	-9.1654e+00	1.5599e+02	1.2552e+02	2.7284e+04	1.8980e+03
2479	19	-4.8004e+01	6.7457e+00	-1.5573e+02	-1.2552e+02	3.8622e+04	1.4369e+03
	53	4.8004e+01	-6.7457e+00	1.5573e+02	1.2552e+02	2.7254e+04	1.4165e+03
2480	8	3.1399e+02	-2.4756e+00	-1.5596e+02	-1.2552e+02	3.9303e+04	-6.0690e+02
	43	-3.1399e+02	2.4756e+00	1.5596e+02	1.2552e+02	2.6670e+04	-4.4027e+02
2481	9	4.3249e+02	-1.1874e+00	-1.5757e+02	-1.2552e+02	3.9796e+04	-3.4074e+02
	44	-4.3249e+02	1.1874e+00	1.5757e+02	1.2552e+02	2.6854e+04	-1.6151e+02
2482	10	2.7702e+02	2.2434e+00	-1.4707e+02	-1.2552e+02	3.8099e+04	4.9214e+02
	45	-2.7702e+02	-2.2434e+00	1.4707e+02	1.2552e+02	2.4112e+04	4.5683e+02
2483	11	5.5527e+02	-9.9243e-01	-1.0345e+02	-1.2552e+02	3.0355e+04	-3.7078e+02
	46	-5.5527e+02	9.9243e-01	1.0345e+02	1.2552e+02	1.3403e+04	-4.9018e+01
2484	31	4.1835e+02	1.3750e+01	-1.6137e+02	-1.2552e+02	4.0787e+04	3.2313e+03
	64	-4.1835e+02	-1.3750e+01	1.6137e+02	1.2552e+02	2.7472e+04	2.5850e+03
2485	30	2.8154e+02	1.1793e+01	-1.5981e+02	-1.2552e+02	4.0312e+04	2.7433e+03
	63	-2.8154e+02	-1.1793e+01	1.5981e+02	1.2552e+02	2.7287e+04	2.2454e+03
2486	18	4.7245e+01	3.5257e+00	-1.4879e+02	-1.2552e+02	3.7729e+04	7.4833e+02
	52	-4.7245e+01	-3.5257e+00	1.4879e+02	1.2552e+02	2.5210e+04	7.4304e+02

2487	6	3.9699e+02	-7.6686e+00	-1.5648e+02	-1.2552e+02	3.9496e+04	-1.9194e+03
	41	-3.9699e+02	7.6686e+00	1.5648e+02	1.2552e+02	2.6693e+04	-1.3244e+03
2488	29	4.2077e+02	9.4941e+00	-1.5338e+02	-1.2552e+02	3.9651e+04	2.2092e+03
	62	-4.2077e+02	-9.4941e+00	1.5338e+02	1.2552e+02	2.5229e+04	1.8068e+03
2489	17	1.6525e+01	6.0270e-01	-1.5593e+02	-1.2552e+02	3.8694e+04	1.2360e+02
	51	-1.6525e+01	-6.0270e-01	1.5593e+02	1.2552e+02	2.7264e+04	1.3134e+02
2490	7	4.5136e+02	-5.6317e+00	-1.4980e+02	-1.2552e+02	3.8697e+04	-1.4166e+03
	42	-4.5136e+02	5.6317e+00	1.4980e+02	1.2552e+02	2.4669e+04	-9.6564e+02
2491	5	4.0060e+02	-9.4111e+00	-1.4909e+02	-1.2552e+02	3.8454e+04	-2.3254e+03
	40	-4.0060e+02	9.4111e+00	1.4909e+02	1.2552e+02	2.4611e+04	-1.6555e+03
2492	28	3.4996e+02	6.4352e+00	-1.6042e+02	-1.2552e+02	4.0525e+04	1.4467e+03
	61	-3.4996e+02	-6.4352e+00	1.6042e+02	1.2552e+02	2.7331e+04	1.2754e+03
2493	16	-1.2597e+01	-2.0522e+00	-1.4876e+02	-1.2552e+02	3.7703e+04	-4.7455e+02
	50	1.2597e+01	2.0522e+00	1.4876e+02	1.2552e+02	2.5224e+04	-3.9355e+02
2494	27	3.6566e+02	4.9568e+00	-1.5312e+02	-1.2552e+02	3.9527e+04	1.1291e+03
	60	-3.6566e+02	-4.9568e+00	1.5312e+02	1.2552e+02	2.5242e+04	9.6759e+02
2495	4	4.7861e+02	-1.2671e+01	-1.5704e+02	-1.2552e+02	3.9683e+04	-3.1647e+03
	39	-4.7861e+02	1.2671e+01	1.5704e+02	1.2552e+02	2.6743e+04	-2.1951e+03
2496	15	8.3012e+01	-5.1437e+00	-1.5584e+02	-1.2552e+02	3.8679e+04	-1.1361e+03
	49	-8.3012e+01	5.1437e+00	1.5584e+02	1.2552e+02	2.7242e+04	-1.0397e+03
2497	26	4.3441e+02	3.1577e+00	-1.6092e+02	-1.2552e+02	4.0691e+04	7.4289e+02
	59	-4.3441e+02	-3.1577e+00	1.6092e+02	1.2552e+02	2.7378e+04	5.9281e+02
2498	3	3.4161e+02	-1.3724e+01	-1.5607e+02	-1.2552e+02	3.9326e+04	-3.3723e+03
	38	-3.4161e+02	1.3724e+01	1.5607e+02	1.2552e+02	2.6689e+04	-2.4327e+03
2499	14	-5.1403e+01	-7.5631e+00	-1.5587e+02	-1.2552e+02	3.8650e+04	-1.6789e+03
	48	5.1403e+01	7.5631e+00	1.5587e+02	1.2552e+02	2.7283e+04	-1.5203e+03
2500	25	2.9594e+02	9.9245e-01	-1.5995e+02	-1.2552e+02	4.0343e+04	2.0289e+02
	58	-2.9594e+02	-9.9245e-01	1.5995e+02	1.2552e+02	2.7318e+04	2.1691e+02
2501	2	5.4558e+02	-1.6026e+01	-1.4737e+02	-1.2552e+02	3.8152e+04	-3.9199e+03
	37	-5.4558e+02	1.6026e+01	1.4737e+02	1.2552e+02	2.4185e+04	-2.8589e+03
2502	13	3.7281e+01	-1.0843e+01	-1.4838e+02	-1.2552e+02	3.7677e+04	-2.3905e+03
	47	-3.7281e+01	1.0843e+01	1.4838e+02	1.2552e+02	2.5087e+04	-2.1962e+03
2503	24	4.8289e+02	-1.9090e+00	-1.5177e+02	-1.2552e+02	3.9295e+04	-5.0419e+02
	57	-4.8289e+02	1.9090e+00	1.5177e+02	1.2552e+02	2.4904e+04	-3.0330e+02
2504	1	4.0106e+01	-1.3046e+01	-1.0712e+02	-1.2552e+02	3.1615e+04	-3.1676e+03
	34	-4.0106e+01	1.3046e+01	1.0712e+02	1.2552e+02	1.3697e+04	-2.3510e+03
2505	12	-7.4616e+01	-1.5140e+01	-1.1099e+02	-1.2552e+02	3.1992e+04	-3.3893e+03
	35	7.4616e+01	1.5140e+01	1.1099e+02	1.2552e+02	1.4955e+04	-3.0151e+03
2506	23	1.0630e+02	-9.4670e+00	-1.1115e+02	-1.2552e+02	3.2806e+04	-2.2687e+03
	36	-1.0630e+02	9.4670e+00	1.1115e+02	1.2552e+02	1.4210e+04	-1.7359e+03
654	1906	0.0000e+00	-5.4409e+01	0.0000e+00	1.9454e+03	0.0000e+00	-4.8698e+03
	1905	0.0000e+00	-1.7922e+00	0.0000e+00	-3.5997e+03	0.0000e+00	-1.1843e+03
655	1907	0.0000e+00	-2.4349e+01	0.0000e+00	8.9326e+02	0.0000e+00	-8.7854e+02
	1906	0.0000e+00	-5.7378e+01	0.0000e+00	-1.9454e+03	0.0000e+00	4.8698e+03
656	1908	0.0000e+00	-1.9118e+01	0.0000e+00	4.4064e+02	0.0000e+00	-1.2142e+03
	1907	0.0000e+00	-1.7083e+01	0.0000e+00	-8.9326e+02	0.0000e+00	8.7854e+02
657	1909	0.0000e+00	-2.1827e+01	0.0000e+00	-1.4564e+02	0.0000e+00	-1.2357e+03
	1908	0.0000e+00	-2.1147e+01	0.0000e+00	-4.4064e+02	0.0000e+00	1.2142e+03
658	1910	0.0000e+00	-3.3282e+01	0.0000e+00	-6.4393e+02	0.0000e+00	-2.3720e+03
	1909	0.0000e+00	-2.2599e+01	0.0000e+00	1.4564e+02	0.0000e+00	1.2357e+03
659	1911	0.0000e+00	-2.2359e+01	0.0000e+00	7.9578e+02	0.0000e+00	-1.2161e+03
	1910	0.0000e+00	-3.1908e+01	0.0000e+00	-1.2181e+03	0.0000e+00	2.1294e+03
660	1912	0.0000e+00	-2.1483e+01	0.0000e+00	5.5596e+02	0.0000e+00	-1.2078e+03
	1911	0.0000e+00	-2.1455e+01	0.0000e+00	-7.9578e+02	0.0000e+00	1.2161e+03
661	1913	0.0000e+00	-1.9537e+01	0.0000e+00	5.2805e+02	0.0000e+00	-1.4308e+03

	1912	0.0000e+00	-1.7988e+01	0.0000e+00	-5.5596e+02	0.0000e+00	1.2078e+03
662	1914	0.0000e+00	2.6886e-01	0.0000e+00	6.6681e+02	0.0000e+00	5.6251e+02
	1913	0.0000e+00	-1.9390e+01	0.0000e+00	-5.2805e+02	0.0000e+00	1.4308e+03
663	1915	0.0000e+00	-4.7543e+01	0.0000e+00	1.0345e+03	0.0000e+00	-1.1108e+03
	1914	0.0000e+00	-9.0539e+00	0.0000e+00	-6.6681e+02	0.0000e+00	-5.6251e+02
664	1895	0.0000e+00	-7.2742e+01	0.0000e+00	-8.0723e+03	0.0000e+00	-1.0336e+04
	1894	0.0000e+00	6.6512e+01	0.0000e+00	1.3031e+04	0.0000e+00	-1.3241e+04
665	1896	0.0000e+00	-9.6898e+01	0.0000e+00	-5.6067e+03	0.0000e+00	-1.0872e+04
	1895	0.0000e+00	7.3377e-01	0.0000e+00	7.1523e+03	0.0000e+00	-4.3742e+03
666	1897	0.0000e+00	-8.0761e+01	0.0000e+00	-1.0187e+03	0.0000e+00	-8.5753e+03
	1896	0.0000e+00	-4.0178e+00	0.0000e+00	9.2332e+02	0.0000e+00	-2.9478e+03
667	1898	0.0000e+00	-8.1938e+01	0.0000e+00	5.0098e+02	0.0000e+00	-9.9651e+03
	1897	0.0000e+00	1.8099e+00	0.0000e+00	-6.5999e+02	0.0000e+00	-5.1495e+03
668	1899	0.0000e+00	-6.5529e+01	0.0000e+00	2.2196e+03	0.0000e+00	-7.5600e+03
	1898	0.0000e+00	-1.4775e+00	0.0000e+00	-1.9100e+03	0.0000e+00	-3.8182e+03
669	1900	0.0000e+00	-7.3266e+01	0.0000e+00	3.7398e+02	0.0000e+00	-9.3075e+03
	1899	0.0000e+00	1.9663e+01	0.0000e+00	2.6890e+02	0.0000e+00	-5.8733e+03
670	1901	0.0000e+00	-6.6163e+01	0.0000e+00	1.6229e+03	0.0000e+00	-8.4367e+03
	1900	0.0000e+00	4.4927e+00	0.0000e+00	-5.5416e+02	0.0000e+00	-4.4895e+03
671	1902	0.0000e+00	-5.8728e+01	0.0000e+00	-7.2149e+02	0.0000e+00	-6.8861e+03
	1901	0.0000e+00	2.4202e+01	0.0000e+00	1.4772e+03	0.0000e+00	-5.1533e+03
672	1903	0.0000e+00	-1.2091e+02	0.0000e+00	-3.9118e+03	0.0000e+00	-1.4156e+04
	1902	0.0000e+00	1.9226e+01	0.0000e+00	3.9489e+03	0.0000e+00	-6.9055e+03
673	1904	0.0000e+00	-6.3382e-01	0.0000e+00	4.0094e+03	0.0000e+00	-1.2988e+04
	1903	0.0000e+00	-1.2428e+01	0.0000e+00	-4.0305e+03	0.0000e+00	-3.4962e+02

SFORZI "V-x" (Fase 1)								
Elem	Nodo	N	Vy	Vz	Mx	My	Mz	
1	2022	1.3418e+02	-5.5727e-19	-9.8962e-19	-1.3595e-01	0.0000e+00	0.0000e+00	
	1923	-1.3418e+02	5.5727e-19	9.8962e-19	1.3595e-01	0.0000e+00	0.0000e+00	
2	1916	2.0048e+02	0.0000e+00	0.0000e+00	4.8715e-01	0.0000e+00	0.0000e+00	
	1921	-2.0048e+02	0.0000e+00	0.0000e+00	-4.8715e-01	0.0000e+00	0.0000e+00	
3	2085	1.5140e+02	2.2595e-18	-8.0616e-19	-2.2219e-01	0.0000e+00	0.0000e+00	
	1918	-1.5140e+02	-2.2595e-18	8.0616e-19	2.2219e-01	0.0000e+00	0.0000e+00	
4	2008	-4.6829e+02	-3.1504e-17	-1.9909e-18	-2.8324e-01	0.0000e+00	0.0000e+00	
	2079	4.6829e+02	3.1504e-17	1.9909e-18	2.8324e-01	0.0000e+00	0.0000e+00	
5	1919	-5.7716e+02	-6.4361e-18	-5.9555e-19	8.0222e-01	0.0000e+00	0.0000e+00	
	2056	5.7716e+02	6.4361e-18	5.9555e-19	-8.0222e-01	0.0000e+00	0.0000e+00	
6	2098	-3.7743e+02	4.8040e-18	5.0038e-18	2.6001e-01	0.0000e+00	0.0000e+00	
	1937	3.7743e+02	-4.8040e-18	-5.0038e-18	-2.6001e-01	0.0000e+00	0.0000e+00	
7	2042	-5.7860e+01	6.6744e-18	5.2615e-22	-8.7674e-01	0.0000e+00	0.0000e+00	
	2107	5.7860e+01	-6.6744e-18	-5.2615e-22	8.7674e-01	0.0000e+00	0.0000e+00	
8	1925	-1.1947e+02	-5.1871e-18	-1.1130e-20	-9.1016e-01	0.0000e+00	0.0000e+00	
	2008	1.1947e+02	5.1871e-18	1.1130e-20	9.1016e-01	0.0000e+00	0.0000e+00	
9	2109	-1.4115e+01	-3.8523e-17	1.2331e-18	-1.1291e+00	0.0000e+00	0.0000e+00	
	2123	1.4115e+01	3.8523e-17	-1.2331e-18	1.1291e+00	0.0000e+00	0.0000e+00	
10	2084	-7.2167e+01	-4.4329e-18	-1.1031e-20	-9.6248e-01	0.0000e+00	0.0000e+00	
	2106	7.2167e+01	4.4329e-18	1.1031e-20	9.6248e-01	0.0000e+00	0.0000e+00	
11	2083	1.0462e+02	1.5425e-17	-1.5597e-18	-1.0425e+00	0.0000e+00	0.0000e+00	
	2078	-1.0462e+02	-1.5425e-17	1.5597e-18	1.0425e+00	0.0000e+00	0.0000e+00	
12	2058	-9.4492e+01	3.5521e-18	-3.5941e-19	-1.0891e+00	0.0000e+00	0.0000e+00	
	2077	9.4492e+01	-3.5521e-18	3.5941e-19	1.0891e+00	0.0000e+00	0.0000e+00	
13	2041	5.6978e+01	-4.0245e-18	-1.8065e-21	-9.2832e-01	0.0000e+00	0.0000e+00	
	2055	-5.6978e+01	4.0245e-18	1.8065e-21	9.2832e-01	0.0000e+00	0.0000e+00	
14	2024	2.9784e+01	-4.4126e-17	1.7533e-18	-1.1186e+00	0.0000e+00	0.0000e+00	

	2038	-2.9784e+01	4.4126e-17	-1.7533e-18	1.1186e+00	0.0000e+00	0.0000e+00
15	2007	7.0671e+01	-3.0798e-18	2.3074e-20	-9.0971e-01	0.0000e+00	0.0000e+00
	2021	-7.0671e+01	3.0798e-18	-2.3074e-20	9.0971e-01	0.0000e+00	0.0000e+00
16	1982	-1.3252e+02	-1.1803e-18	1.8851e-18	-1.6493e-01	0.0000e+00	0.0000e+00
	2012	1.3252e+02	1.1803e-18	-1.8851e-18	1.6493e-01	0.0000e+00	0.0000e+00
17	1985	-2.2449e+02	0.0000e+00	0.0000e+00	7.3529e-01	0.0000e+00	0.0000e+00
	2010	2.2449e+02	0.0000e+00	0.0000e+00	-7.3529e-01	0.0000e+00	0.0000e+00
18	1998	-1.4892e+02	1.9221e-18	6.6768e-20	1.8992e-01	0.0000e+00	0.0000e+00
	2007	1.4892e+02	-1.9221e-18	-6.6768e-20	-1.8992e-01	0.0000e+00	0.0000e+00
19	1995	8.8298e+01	-3.2384e-18	4.0074e-19	-7.7425e-01	0.0000e+00	0.0000e+00
	2004	-8.8298e+01	3.2384e-18	-4.0074e-19	7.7425e-01	0.0000e+00	0.0000e+00
20	1992	4.7123e+02	4.0826e-18	1.8019e-18	-6.5809e-01	0.0000e+00	0.0000e+00
	2001	-4.7123e+02	-4.0826e-18	-1.8019e-18	6.5809e-01	0.0000e+00	0.0000e+00
21	1989	5.5390e+02	-4.7059e-18	-2.7845e-18	4.5301e-01	0.0000e+00	0.0000e+00
	2000	-5.5390e+02	4.7059e-18	2.7845e-18	-4.5301e-01	0.0000e+00	0.0000e+00
22	1988	3.8662e+02	8.2880e-19	-7.9312e-19	2.1883e-01	0.0000e+00	0.0000e+00
	1928	-3.8662e+02	-8.2880e-19	7.9312e-19	-2.1883e-01	0.0000e+00	0.0000e+00
643	1905	-4.7754e+01	-1.2833e-13	-4.5044e-15	-1.2550e+02	0.0000e+00	0.0000e+00
	1960	4.7754e+01	1.2833e-13	4.5044e-15	1.2550e+02	0.0000e+00	0.0000e+00
644	1906	-4.1070e+02	-1.5684e-13	-4.2358e-15	-4.1332e+01	0.0000e+00	0.0000e+00
	1961	4.1070e+02	1.5684e-13	4.2358e-15	4.1332e+01	0.0000e+00	0.0000e+00
645	1907	-2.7264e+02	-1.6074e-13	-3.6262e-15	-2.2399e+01	0.0000e+00	0.0000e+00
	1962	2.7264e+02	1.6074e-13	3.6262e-15	2.2399e+01	0.0000e+00	0.0000e+00
646	1908	-2.7054e+02	-1.6347e-13	-3.2000e-15	-1.1650e+01	0.0000e+00	0.0000e+00
	1963	2.7054e+02	1.6347e-13	3.2000e-15	1.1650e+01	0.0000e+00	0.0000e+00
647	1909	-3.0005e+02	-1.7423e-13	-2.4910e-15	3.9685e+00	0.0000e+00	0.0000e+00
	1964	3.0005e+02	1.7423e-13	2.4910e-15	-3.9685e+00	0.0000e+00	0.0000e+00
648	1910	-2.5924e+02	-1.6207e-13	-1.9191e-15	1.6375e+01	0.0000e+00	0.0000e+00
	1965	2.5924e+02	1.6207e-13	1.9191e-15	-1.6375e+01	0.0000e+00	0.0000e+00
649	1911	-2.9963e+02	-1.7477e-13	-1.3576e-15	2.9997e+01	0.0000e+00	0.0000e+00
	1966	2.9963e+02	1.7477e-13	1.3576e-15	-2.9997e+01	0.0000e+00	0.0000e+00
650	1912	-2.7114e+02	-1.6278e-13	-6.8941e-16	4.9840e+01	0.0000e+00	0.0000e+00
	1967	2.7114e+02	1.6278e-13	6.8941e-16	-4.9840e+01	0.0000e+00	0.0000e+00
651	1913	-2.7182e+02	-1.6188e-13	-3.1125e-16	6.5802e+01	0.0000e+00	0.0000e+00
	1968	2.7182e+02	1.6188e-13	3.1125e-16	-6.5802e+01	0.0000e+00	0.0000e+00
652	1914	-4.1585e+02	-1.5551e-13	1.7968e-16	9.7809e+01	0.0000e+00	0.0000e+00
	1969	4.1585e+02	1.5551e-13	-1.7968e-16	-9.7809e+01	0.0000e+00	0.0000e+00
653	1915	-5.3429e+01	-1.2800e-13	4.2366e-16	3.5581e+01	0.0000e+00	0.0000e+00
	1970	5.3429e+01	1.2800e-13	-4.2366e-16	-3.5581e+01	0.0000e+00	0.0000e+00
237	2116	1.3812e+02	-7.9116e+02	1.1735e+01	4.6401e+01	-7.9928e+02	-8.3787e+04
	2079	-1.3812e+02	7.9116e+02	-1.1735e+01	-4.6401e+01	-3.7526e+02	4.6034e+03
238	1959	9.1983e+00	-1.0005e+03	-2.3877e+01	-1.8791e+00	-4.7917e+02	-9.7294e+04
	2116	-9.1983e+00	1.0005e+03	2.3877e+01	1.8791e+00	8.0062e+02	8.3825e+04
239	2110	-5.4138e+02	-1.1823e+03	-9.4479e+00	-2.4082e+01	2.3254e+02	-1.2330e+05
	1919	5.4138e+02	1.1823e+03	9.4479e+00	2.4082e+01	7.1306e+02	4.9682e+03
240	1958	-7.8171e+02	-1.5726e+03	-1.9499e+00	-1.0016e+01	2.5982e+02	-1.4444e+05
	2110	7.8171e+02	1.5726e+03	1.9499e+00	1.0016e+01	-2.3357e+02	1.2326e+05
241	2121	-3.8181e+02	-1.1515e+03	-6.2834e+00	-1.9212e+01	1.5336e+02	-1.2005e+05
	2120	3.8181e+02	1.1515e+03	6.2834e+00	1.9212e+01	4.7552e+02	4.7987e+03
242	1957	-5.9629e+02	-1.4907e+03	-1.2554e+00	-9.9291e+00	1.7115e+02	-1.4012e+05
	2121	5.9629e+02	1.4907e+03	1.2554e+00	9.9291e+00	-1.5424e+02	1.2005e+05
243	2104	-3.8248e+02	-1.1535e+03	-4.9221e+00	-1.7427e+01	1.1769e+02	-1.2040e+05
	2103	3.8248e+02	1.1535e+03	4.9221e+00	1.7427e+01	3.7495e+02	4.9525e+03
244	1956	-5.9708e+02	-1.4927e+03	-8.0555e-01	-1.0299e+01	1.2937e+02	-1.4051e+05
	2104	5.9708e+02	1.4927e+03	8.0555e-01	1.0299e+01	-1.1852e+02	1.2041e+05

245	2074	-4.1860e+02	-1.2624e+03	-3.7386e+00	-1.6810e+01	8.3444e+01	-1.3159e+05
	2072	4.1860e+02	1.2624e+03	3.7386e+00	1.6810e+01	2.9074e+02	5.2319e+03
246	1955	-6.5386e+02	-1.6347e+03	-5.4679e-02	-1.1747e+01	8.5042e+01	-1.5357e+05
	2074	6.5386e+02	1.6347e+03	5.4679e-02	1.1747e+01	-8.4305e+01	1.3156e+05
247	2073	-3.7280e+02	-1.1243e+03	-3.0240e+00	-1.7323e+01	6.8108e+01	-1.1771e+05
	2071	3.7280e+02	1.1243e+03	3.0240e+00	1.7323e+01	2.3455e+02	5.1760e+03
248	1954	-5.8160e+02	-1.4540e+03	7.0383e-01	-1.3185e+01	5.9553e+01	-1.3731e+05
	2073	5.8160e+02	1.4540e+03	-7.0383e-01	1.3185e+01	-6.9029e+01	1.1774e+05
249	2053	-4.1872e+02	-1.2628e+03	-2.9162e+00	-1.9331e+01	7.2351e+01	-1.3166e+05
	2052	4.1872e+02	1.2628e+03	2.9162e+00	1.9331e+01	2.1952e+02	5.2711e+03
250	1953	-6.5401e+02	-1.6350e+03	1.8262e+00	-1.4933e+01	4.8799e+01	-1.5365e+05
	2053	6.5401e+02	1.6350e+03	-1.8262e+00	1.4933e+01	-7.3385e+01	1.3163e+05
251	2036	-3.8232e+02	-1.1530e+03	-3.1354e+00	-2.3604e+01	1.0340e+02	-1.2030e+05
	2035	3.8232e+02	1.1530e+03	3.1354e+00	2.3604e+01	2.1041e+02	4.8954e+03
252	1952	-5.9689e+02	-1.4922e+03	3.8702e+00	-1.7326e+01	5.2532e+01	-1.4040e+05
	2036	5.9689e+02	1.4922e+03	-3.8702e+00	1.7326e+01	-1.0464e+02	1.2031e+05
253	2019	-3.8213e+02	-1.1524e+03	-3.6387e+00	-2.7830e+01	1.4916e+02	-1.2019e+05
	2018	3.8213e+02	1.1524e+03	3.6387e+00	2.7830e+01	2.1503e+02	4.8463e+03
254	1951	-5.9666e+02	-1.4916e+03	5.9253e+00	-1.8785e+01	7.0792e+01	-1.4027e+05
	2019	5.9666e+02	1.4916e+03	-5.9253e+00	1.8785e+01	-1.5056e+02	1.2019e+05
255	2002	-7.9086e+02	-1.1970e+03	-4.9665e+00	-3.7930e+01	2.7389e+02	-1.2388e+05
	2001	7.9086e+02	1.1970e+03	4.9665e+00	3.7930e+01	2.2319e+02	4.0832e+03
256	1950	-1.0316e+03	-1.5722e+03	1.0677e+01	-2.1346e+01	1.3193e+02	-1.4501e+05
	2002	1.0316e+03	1.5722e+03	-1.0677e+01	2.1346e+01	-2.7568e+02	1.2384e+05
257	1990	-1.1366e+02	-8.0412e+02	1.6718e+01	2.9581e+01	-7.2251e+02	-8.4445e+04
	1989	1.1366e+02	8.0412e+02	-1.6718e+01	-2.9581e+01	-9.5069e+02	3.9640e+03
258	1939	-2.4290e+02	-9.9821e+02	-8.6804e+00	-1.4040e+01	-6.0611e+02	-9.7922e+04
	1990	2.4290e+02	9.9821e+02	8.6804e+00	1.4040e+01	7.2298e+02	8.4483e+04
259	36	-1.7118e+03	-1.0024e-13	1.7269e-01	1.7639e-02	-1.7269e+00	0.0000e+00
	1939	1.7118e+03	1.0024e-13	-1.7269e-01	-1.7639e-02	0.0000e+00	0.0000e+00
260	2110	3.5612e+01	-2.1800e+02	-5.0411e-16	3.7903e+01	0.0000e+00	0.0000e+00
	2116	-3.5612e+01	-2.1800e+02	5.0411e-16	-3.7903e+01	0.0000e+00	0.0000e+00
261	2121	2.8114e+01	-2.3980e+02	-9.0770e-17	-2.0709e+00	0.0000e+00	0.0000e+00
	2110	-2.8114e+01	-2.3980e+02	9.0770e-17	2.0709e+00	0.0000e+00	0.0000e+00
262	2104	2.3086e+01	-1.5260e+02	0.0000e+00	5.4820e-01	0.0000e+00	0.0000e+00
	2121	-2.3086e+01	-1.5260e+02	0.0000e+00	-5.4820e-01	0.0000e+00	0.0000e+00
263	2074	1.8970e+01	-2.3980e+02	6.4233e-17	9.8812e+00	0.0000e+00	0.0000e+00
	2104	-1.8970e+01	-2.3980e+02	-6.4233e-17	-9.8812e+00	0.0000e+00	0.0000e+00
264	2073	1.5286e+01	-1.9075e+02	-5.0143e-16	-1.6038e+01	0.0000e+00	0.0000e+00
	2074	-1.5286e+01	-1.9075e+02	5.0143e-16	1.6038e+01	0.0000e+00	0.0000e+00
265	2053	1.1558e+01	-1.9075e+02	2.9424e-16	1.6122e+01	0.0000e+00	0.0000e+00
	2073	-1.1558e+01	-1.9075e+02	-2.9424e-16	-1.6122e+01	0.0000e+00	0.0000e+00
266	2036	6.8155e+00	-2.3980e+02	1.4380e-16	-1.0040e+01	0.0000e+00	0.0000e+00
	2053	-6.8155e+00	-2.3980e+02	-1.4380e-16	1.0040e+01	0.0000e+00	0.0000e+00
267	2019	-1.9017e-01	-1.5260e+02	6.6141e-17	-2.0072e-01	0.0000e+00	0.0000e+00
	2036	1.9017e-01	-1.5260e+02	-6.6141e-17	2.0072e-01	0.0000e+00	0.0000e+00
268	2002	-9.7542e+00	-2.3980e+02	0.0000e+00	1.8539e+00	0.0000e+00	0.0000e+00
	2019	9.7542e+00	-2.3980e+02	0.0000e+00	-1.8539e+00	0.0000e+00	0.0000e+00
269	1990	-2.5398e+01	-2.1800e+02	8.0853e-16	-3.7914e+01	0.0000e+00	0.0000e+00
	2002	2.5398e+01	-2.1800e+02	-8.0853e-16	3.7914e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	3.3990e+01	0.0000e+00	-1.8805e+03	0.0000e+00	1.0103e+04
	1894	0.0000e+00	-3.3990e+01	0.0000e+00	1.8805e+03	0.0000e+00	1.7595e+03
271	11	0.0000e+00	8.3203e+00	0.0000e+00	-3.7170e+02	0.0000e+00	2.8120e+03
	77	0.0000e+00	-8.3203e+00	0.0000e+00	3.7170e+02	0.0000e+00	-2.4376e+03
272	67	0.0000e+00	3.4668e+01	0.0000e+00	1.8957e+03	0.0000e+00	1.0188e+04

1904	0.0000e+00	-3.4668e+01	0.0000e+00	-1.8957e+03	0.0000e+00	1.9106e+03
273	1	0.0000e+00	8.3728e+00	0.0000e+00	3.7207e+02	0.0000e+00
	67	0.0000e+00	-8.3728e+00	0.0000e+00	-3.7207e+02	0.0000e+00
274	72	0.0000e+00	5.0914e+01	0.0000e+00	4.4024e+00	0.0000e+00
	1899	0.0000e+00	-5.0914e+01	0.0000e+00	-4.4024e+00	0.0000e+00
275	6	0.0000e+00	-4.6670e+00	0.0000e+00	-1.6259e+00	0.0000e+00
	72	0.0000e+00	4.6670e+00	0.0000e+00	1.6259e+00	0.0000e+00
276	76	0.0000e+00	3.9238e+01	0.0000e+00	-4.5796e+01	0.0000e+00
	1895	0.0000e+00	-3.9238e+01	0.0000e+00	4.5796e+01	0.0000e+00
277	10	0.0000e+00	2.0018e+00	0.0000e+00	-2.3794e+01	0.0000e+00
	76	0.0000e+00	-2.0018e+00	0.0000e+00	2.3794e+01	0.0000e+00
278	75	0.0000e+00	5.2665e+01	0.0000e+00	3.4427e+02	0.0000e+00
	1896	0.0000e+00	-5.2665e+01	0.0000e+00	-3.4427e+02	0.0000e+00
279	9	0.0000e+00	-5.3886e+00	0.0000e+00	-3.0318e+02	0.0000e+00
	75	0.0000e+00	5.3886e+00	0.0000e+00	3.0318e+02	0.0000e+00
280	74	0.0000e+00	5.2622e+01	0.0000e+00	-2.2317e+02	0.0000e+00
	1897	0.0000e+00	-5.2622e+01	0.0000e+00	2.2317e+02	0.0000e+00
281	8	0.0000e+00	-5.5517e+00	0.0000e+00	2.2512e+02	0.0000e+00
	74	0.0000e+00	5.5517e+00	0.0000e+00	-2.2512e+02	0.0000e+00
282	73	0.0000e+00	5.1250e+01	0.0000e+00	1.6579e+02	0.0000e+00
	1898	0.0000e+00	-5.1250e+01	0.0000e+00	-1.6579e+02	0.0000e+00
283	7	0.0000e+00	-1.2034e+00	0.0000e+00	-1.4776e+02	0.0000e+00
	73	0.0000e+00	1.2034e+00	0.0000e+00	1.4776e+02	0.0000e+00
284	71	0.0000e+00	5.1021e+01	0.0000e+00	-1.6996e+02	0.0000e+00
	1900	0.0000e+00	-5.1021e+01	0.0000e+00	1.6996e+02	0.0000e+00
285	5	0.0000e+00	-1.0766e+00	0.0000e+00	1.4768e+02	0.0000e+00
	71	0.0000e+00	1.0766e+00	0.0000e+00	-1.4768e+02	0.0000e+00
286	70	0.0000e+00	5.2523e+01	0.0000e+00	2.3708e+02	0.0000e+00
	1901	0.0000e+00	-5.2523e+01	0.0000e+00	-2.3708e+02	0.0000e+00
287	4	0.0000e+00	-5.7137e+00	0.0000e+00	-2.2794e+02	0.0000e+00
	70	0.0000e+00	5.7137e+00	0.0000e+00	2.2794e+02	0.0000e+00
288	69	0.0000e+00	5.2336e+01	0.0000e+00	-3.4060e+02	0.0000e+00
	1902	0.0000e+00	-5.2336e+01	0.0000e+00	3.4060e+02	0.0000e+00
289	3	0.0000e+00	-5.1170e+00	0.0000e+00	3.0355e+02	0.0000e+00
	69	0.0000e+00	5.1170e+00	0.0000e+00	-3.0355e+02	0.0000e+00
290	68	0.0000e+00	3.9608e+01	0.0000e+00	4.0508e+01	0.0000e+00
	1903	0.0000e+00	-3.9608e+01	0.0000e+00	-4.0508e+01	0.0000e+00
291	2	0.0000e+00	1.7072e+00	0.0000e+00	2.5502e+01	0.0000e+00
	68	0.0000e+00	-1.7072e+00	0.0000e+00	-2.5502e+01	0.0000e+00
292	57	-2.6138e+03	-1.2217e-13	-1.2666e-01	7.9724e-02	1.2666e+00
	1950	2.6138e+03	1.2217e-13	1.2666e-01	-7.9724e-02	0.0000e+00
293	34	-2.0317e+03	4.8756e-15	-2.9646e-01	-9.7717e-04	3.8540e+00
	1938	2.0317e+03	-4.8756e-15	2.9646e-01	9.7717e-04	0.0000e+00
294	37	-2.7567e+03	2.3802e-15	1.6025e-01	6.2001e-02	-2.0832e+00
	1940	2.7567e+03	-2.3802e-15	-1.6025e-01	-6.2001e-02	0.0000e+00
295	38	-2.7555e+03	3.6266e-15	-3.9566e-03	5.3889e-02	5.1436e-02
	1941	2.7555e+03	-3.6266e-15	3.9566e-03	-5.3889e-02	0.0000e+00
296	39	-2.7707e+03	3.7595e-15	-9.5034e-02	5.0062e-02	1.2354e+00
	1942	2.7707e+03	-3.7595e-15	9.5034e-02	-5.0062e-02	0.0000e+00
297	40	-2.9757e+03	3.6024e-15	-1.8190e-01	4.5674e-02	2.3647e+00
	1943	2.9757e+03	-3.6024e-15	1.8190e-01	-4.5674e-02	0.0000e+00
298	41	-2.7700e+03	4.2703e-15	-2.4531e-01	4.3405e-02	3.1891e+00
	1944	2.7700e+03	-4.2703e-15	2.4531e-01	-4.3405e-02	0.0000e+00
299	42	-2.9663e+03	3.5297e-15	-3.0909e-01	4.2017e-02	4.0182e+00
	1945	2.9663e+03	-3.5297e-15	3.0909e-01	-4.2017e-02	0.0000e+00

300	43	-2.7835e+03	3.8511e-15	-3.6691e-01	4.1709e-02	4.7699e+00	0.0000e+00
	1946	2.7835e+03	-3.8511e-15	3.6691e-01	-4.1709e-02	0.0000e+00	0.0000e+00
301	44	-2.7313e+03	3.4407e-15	-4.3036e-01	4.2501e-02	5.5946e+00	0.0000e+00
	1947	2.7313e+03	-3.4407e-15	4.3036e-01	-4.2501e-02	0.0000e+00	0.0000e+00
302	45	-2.7739e+03	2.4639e-15	-5.2010e-01	4.5819e-02	6.7613e+00	0.0000e+00
	1948	2.7739e+03	-2.4639e-15	5.2010e-01	-4.5819e-02	0.0000e+00	0.0000e+00
303	46	-2.0246e+03	4.8292e-15	-1.0141e+00	-1.7253e-02	1.3183e+01	0.0000e+00
	1949	2.0246e+03	-4.8292e-15	1.0141e+00	1.7253e-02	0.0000e+00	0.0000e+00
304	66	-1.7199e+03	-1.0027e-13	2.1925e+00	-2.2149e-03	-2.1925e+01	0.0000e+00
	1959	1.7199e+03	1.0027e-13	-2.1925e+00	2.2149e-03	0.0000e+00	0.0000e+00
305	65	-2.6212e+03	-1.2301e-13	1.5962e+00	6.0759e-02	-1.5962e+01	0.0000e+00
	1958	2.6212e+03	1.2301e-13	-1.5962e+00	-6.0759e-02	0.0000e+00	0.0000e+00
306	64	-2.5101e+03	-1.2581e-13	1.1510e+00	5.1954e-02	-1.1510e+01	0.0000e+00
	1957	2.5101e+03	1.2581e-13	-1.1510e+00	-5.1954e-02	0.0000e+00	0.0000e+00
307	63	-2.5143e+03	-1.2798e-13	9.3811e-01	4.9846e-02	-9.3811e+00	0.0000e+00
	1956	2.5143e+03	1.2798e-13	-9.3811e-01	-4.9846e-02	0.0000e+00	0.0000e+00
308	62	-2.7522e+03	-1.3655e-13	6.1628e-01	5.0607e-02	-6.1628e+00	0.0000e+00
	1955	2.7522e+03	1.3655e-13	-6.1628e-01	-5.0607e-02	0.0000e+00	0.0000e+00
309	61	-2.4513e+03	-1.2711e-13	4.1583e-01	5.2806e-02	-4.1583e+00	0.0000e+00
	1954	2.4513e+03	1.2711e-13	-4.1583e-01	-5.2806e-02	0.0000e+00	0.0000e+00
310	60	-2.7530e+03	-1.3697e-13	2.4514e-01	5.7241e-02	-2.4514e+00	0.0000e+00
	1953	2.7530e+03	1.3697e-13	-2.4514e-01	-5.7241e-02	0.0000e+00	0.0000e+00
311	59	-2.5132e+03	-1.2742e-13	3.8321e-02	6.4261e-02	-3.8321e-01	0.0000e+00
	1952	2.5132e+03	1.2742e-13	-3.8321e-02	-6.4261e-02	0.0000e+00	0.0000e+00
312	58	-2.5119e+03	-1.2671e-13	3.4667e-02	6.9980e-02	3.4667e-01	0.0000e+00
	1951	2.5119e+03	1.2671e-13	-3.4667e-02	-6.9980e-02	0.0000e+00	0.0000e+00
313	1936	3.2340e+02	-2.1800e+02	-4.4651e-16	-1.3217e+01	0.0000e+00	0.0000e+00
	1937	-3.2340e+02	2.1800e+02	4.4651e-16	1.3217e+01	0.0000e+00	0.0000e+00
314	1935	3.1660e+02	-2.3980e+02	-1.2847e-16	3.2866e+00	0.0000e+00	0.0000e+00
	1936	-3.1660e+02	2.3980e+02	1.2847e-16	-3.2866e+00	0.0000e+00	0.0000e+00
315	1934	3.1264e+02	-1.5260e+02	0.0000e+00	-1.4344e-03	0.0000e+00	0.0000e+00
	1935	-3.1264e+02	1.5260e+02	0.0000e+00	1.4344e-03	0.0000e+00	0.0000e+00
316	1933	3.1023e+02	-2.3980e+02	6.2105e-17	-2.2613e+00	0.0000e+00	0.0000e+00
	1934	-3.1023e+02	2.3980e+02	-6.2105e-17	2.2613e+00	0.0000e+00	0.0000e+00
317	1932	3.0999e+02	-1.9075e+02	-4.3908e-16	2.9777e+00	0.0000e+00	0.0000e+00
	1933	-3.0999e+02	1.9075e+02	4.3908e-16	-2.9777e+00	0.0000e+00	0.0000e+00
318	1931	3.1141e+02	-1.9075e+02	2.9457e-16	-2.9843e+00	0.0000e+00	0.0000e+00
	1932	-3.1141e+02	1.9075e+02	-2.9457e-16	2.9843e+00	0.0000e+00	0.0000e+00
319	1930	3.1458e+02	-2.3980e+02	1.3959e-16	2.2750e+00	0.0000e+00	0.0000e+00
	1931	-3.1458e+02	2.3980e+02	-1.3959e-16	-2.2750e+00	0.0000e+00	0.0000e+00
320	1929	3.2019e+02	-1.5260e+02	6.8074e-17	-2.9117e-02	0.0000e+00	0.0000e+00
	1930	-3.2019e+02	1.5260e+02	-6.8074e-17	2.9117e-02	0.0000e+00	0.0000e+00
321	1928	3.2770e+02	-2.3980e+02	0.0000e+00	-3.8736e+00	0.0000e+00	0.0000e+00
	1929	-3.2770e+02	2.3980e+02	0.0000e+00	3.8736e+00	0.0000e+00	0.0000e+00
322	1927	-6.8055e+00	-2.1800e+02	7.1250e-16	1.3247e+01	0.0000e+00	0.0000e+00
	1928	6.8055e+00	2.1800e+02	-7.1250e-16	-1.3247e+01	0.0000e+00	0.0000e+00
323	1937	2.9847e+02	1.6458e+02	-1.4090e+01	-1.1618e-01	7.2615e-03	-1.2985e+01
	1960	-2.9847e+02	-1.6458e+02	1.4090e+01	1.1618e-01	1.0173e+03	1.1896e+04
324	1936	2.7265e+02	3.6776e+02	-6.8006e+00	8.7041e-14	-3.4106e-13	1.6504e+01
	1961	-2.7265e+02	-3.6776e+02	6.8006e+00	-8.7041e-14	4.9101e+02	2.6536e+04
325	1935	2.3370e+02	3.1522e+02	-3.9590e+00	4.4409e-14	-9.5213e-13	-3.2881e+00
	1962	-2.3370e+02	-3.1522e+02	3.9590e+00	-4.4409e-14	2.8585e+02	2.2762e+04
326	1934	2.3370e+02	3.1522e+02	-2.4116e+00	1.6875e-13	5.1870e-13	-2.2598e+00
	1963	-2.3370e+02	-3.1522e+02	2.4116e+00	-1.6875e-13	1.7412e+02	2.2761e+04
327	1933	2.5642e+02	3.4587e+02	-2.4551e-01	3.3396e-13	6.0929e-13	5.2390e+00

	1964	-2.5642e+02	-3.4587e+02	2.4551e-01	-3.3396e-13	1.7726e+01	2.4967e+04
328	1932	2.2721e+02	3.0646e+02	1.4249e+00	5.7199e-13	1.0587e-12	-5.9620e+00
	1965	-2.2721e+02	-3.0646e+02	-1.4249e+00	-5.7199e-13	-1.0288e+02	2.2133e+04
329	1931	2.5642e+02	3.4587e+02	3.1657e+00	-1.4211e-13	4.2633e-14	5.2593e+00
	1966	-2.5642e+02	-3.4587e+02	-3.1657e+00	1.4211e-13	-2.2856e+02	2.4967e+04
330	1930	2.3370e+02	3.1522e+02	5.6175e+00	-2.0606e-13	-3.6948e-13	-2.3041e+00
	1967	-2.3370e+02	-3.1522e+02	-5.6175e+00	2.0606e-13	-4.0559e+02	2.2762e+04
331	1929	2.3370e+02	3.1522e+02	7.5061e+00	-1.6342e-13	0.0000e+00	-3.8445e+00
	1968	-2.3370e+02	-3.1522e+02	-7.5061e+00	1.6342e-13	-5.4195e+02	2.2763e+04
332	1928	9.9902e+01	3.7855e+02	1.1205e+01	-9.7774e-02	6.1113e-03	1.7316e+01
	1969	-9.9902e+01	-3.7855e+02	-1.1205e+01	9.7774e-02	-8.0900e+02	2.7315e+04
333	1927	1.2983e+02	1.7512e+02	6.8055e+00	9.4147e-14	1.4211e-14	-1.3247e+01
	1970	-1.2983e+02	-1.7512e+02	-6.8055e+00	-9.4147e-14	-4.9136e+02	1.2657e+04
334	2089	-2.7124e+01	-1.9075e+02	2.9677e-17	1.8717e+01	0.0000e+00	0.0000e+00
	2090	2.7124e+01	1.9075e+02	-2.9677e-17	-1.8717e+01	0.0000e+00	0.0000e+00
335	2083	-2.4810e+02	-1.9075e+02	-3.8577e-17	1.6557e+01	0.0000e+00	0.0000e+00
	2084	2.4810e+02	1.9075e+02	3.8577e-17	-1.6557e+01	0.0000e+00	0.0000e+00
336	2081	-1.1858e+02	-1.9075e+02	-4.4782e-17	6.0254e+00	0.0000e+00	0.0000e+00
	2082	1.1858e+02	1.9075e+02	4.4782e-17	-6.0254e+00	0.0000e+00	0.0000e+00
337	2055	-9.7755e+01	-1.9075e+02	5.0114e-17	7.5100e+00	0.0000e+00	0.0000e+00
	2077	9.7755e+01	1.9075e+02	-5.0114e-17	-7.5100e+00	0.0000e+00	0.0000e+00
338	2077	-1.8011e+02	-1.9075e+02	-4.4017e-17	-7.3659e+00	0.0000e+00	0.0000e+00
	2078	1.8011e+02	1.9075e+02	4.4017e-17	7.3659e+00	0.0000e+00	0.0000e+00
339	2075	-7.0642e+01	-1.9075e+02	-5.5026e-17	-1.8290e+01	0.0000e+00	0.0000e+00
	2076	7.0642e+01	1.9075e+02	5.5026e-17	1.8290e+01	0.0000e+00	0.0000e+00
340	2071	-5.4090e+01	-1.9075e+02	-9.0128e-17	-2.2706e+01	0.0000e+00	0.0000e+00
	2072	5.4090e+01	1.9075e+02	9.0128e-17	2.2706e+01	0.0000e+00	0.0000e+00
341	2087	-7.7546e+01	-1.9075e+02	-1.3443e-17	2.1599e+01	0.0000e+00	0.0000e+00
	2088	7.7546e+01	1.9075e+02	1.3443e-17	-2.1599e+01	0.0000e+00	0.0000e+00
342	2090	-2.5828e+01	-2.3980e+02	-1.7308e-17	-1.1464e+01	0.0000e+00	0.0000e+00
	2112	2.5828e+01	2.3980e+02	1.7308e-17	1.1464e+01	0.0000e+00	0.0000e+00
343	2088	-7.2209e+01	-2.3980e+02	6.9509e-17	-1.3605e+01	0.0000e+00	0.0000e+00
	2111	7.2209e+01	2.3980e+02	-6.9509e-17	1.3605e+01	0.0000e+00	0.0000e+00
344	2084	-1.9319e+02	-2.3980e+02	1.2041e-16	-1.0341e+01	0.0000e+00	0.0000e+00
	2109	1.9319e+02	2.3980e+02	-1.2041e-16	1.0341e+01	0.0000e+00	0.0000e+00
345	2082	-1.0821e+02	-2.3980e+02	1.3221e-16	-3.5728e+00	0.0000e+00	0.0000e+00
	2108	1.0821e+02	2.3980e+02	-1.3221e-16	3.5728e+00	0.0000e+00	0.0000e+00
346	2078	-9.8149e+01	-2.3980e+02	1.3070e-16	4.8475e+00	0.0000e+00	0.0000e+00
	2106	9.8149e+01	2.3980e+02	-1.3070e-16	-4.8475e+00	0.0000e+00	0.0000e+00
347	2076	-6.2651e+01	-2.3980e+02	1.5293e-16	1.1622e+01	0.0000e+00	0.0000e+00
	2105	6.2651e+01	2.3980e+02	-1.5293e-16	-1.1622e+01	0.0000e+00	0.0000e+00
348	2072	-6.2179e+01	-2.3980e+02	2.2255e-16	1.4243e+01	0.0000e+00	0.0000e+00
	2103	6.2179e+01	2.3980e+02	-2.2255e-16	-1.4243e+01	0.0000e+00	0.0000e+00
349	2103	-7.3088e+01	-1.5260e+02	0.0000e+00	8.5298e-01	0.0000e+00	0.0000e+00
	2120	7.3088e+01	1.5260e+02	0.0000e+00	-8.5298e-01	0.0000e+00	0.0000e+00
350	2105	-5.1690e+01	-1.5260e+02	0.0000e+00	9.0161e-01	0.0000e+00	0.0000e+00
	2122	5.1690e+01	1.5260e+02	0.0000e+00	-9.0161e-01	0.0000e+00	0.0000e+00
351	2106	-1.7525e+02	-1.5260e+02	0.0000e+00	6.9506e-01	0.0000e+00	0.0000e+00
	2123	1.7525e+02	1.5260e+02	0.0000e+00	-6.9506e-01	0.0000e+00	0.0000e+00
352	2108	-9.2179e+01	-1.5260e+02	0.0000e+00	1.4208e-01	0.0000e+00	0.0000e+00
	2125	9.2179e+01	1.5260e+02	0.0000e+00	-1.4208e-01	0.0000e+00	0.0000e+00
353	2109	-1.9975e+02	-1.5260e+02	0.0000e+00	-6.5377e-01	0.0000e+00	0.0000e+00
	1925	1.9975e+02	1.5260e+02	0.0000e+00	6.5377e-01	0.0000e+00	0.0000e+00
354	2111	-6.1888e+01	-1.5260e+02	0.0000e+00	-1.0092e+00	0.0000e+00	0.0000e+00
	1983	6.1888e+01	1.5260e+02	0.0000e+00	1.0092e+00	0.0000e+00	0.0000e+00

355	2112	-2.5893e+01	-1.5260e+02	0.0000e+00	2.9358e-02	0.0000e+00	0.0000e+00
	2005	2.5893e+01	-1.5260e+02	0.0000e+00	-2.9358e-02	0.0000e+00	0.0000e+00
356	2085	-1.6503e+02	-2.1800e+02	1.4902e-16	-4.5761e+01	0.0000e+00	0.0000e+00
	1921	1.6503e+02	-2.1800e+02	-1.4902e-16	4.5761e+01	0.0000e+00	0.0000e+00
357	1983	-4.7229e+01	-2.3980e+02	1.2493e-16	3.6824e+00	0.0000e+00	0.0000e+00
	2059	4.7229e+01	-2.3980e+02	-1.2493e-16	-3.6824e+00	0.0000e+00	0.0000e+00
358	2005	-2.7297e+01	-2.3980e+02	1.4106e-16	4.1626e+00	0.0000e+00	0.0000e+00
	2085	2.7297e+01	-2.3980e+02	-1.4106e-16	-4.1626e+00	0.0000e+00	0.0000e+00
359	1925	-1.1641e+02	-2.3980e+02	1.2275e-16	2.1412e+00	0.0000e+00	0.0000e+00
	2042	1.1641e+02	-2.3980e+02	-1.2275e-16	-2.1412e+00	0.0000e+00	0.0000e+00
360	2125	-6.8410e+01	-2.3980e+02	1.3126e-16	1.8871e-01	0.0000e+00	0.0000e+00
	2025	6.8410e+01	-2.3980e+02	-1.3126e-16	-1.8871e-01	0.0000e+00	0.0000e+00
361	2123	-2.0553e+02	-2.3980e+02	1.4173e-16	-1.4762e+00	0.0000e+00	0.0000e+00
	2008	2.0553e+02	-2.3980e+02	-1.4173e-16	1.4762e+00	0.0000e+00	0.0000e+00
362	2122	-3.4652e+01	-2.3980e+02	1.4427e-16	-2.7600e+00	0.0000e+00	0.0000e+00
	1996	3.4652e+01	-2.3980e+02	-1.4427e-16	2.7600e+00	0.0000e+00	0.0000e+00
363	2120	-8.7951e+01	-2.3980e+02	1.3455e-16	-3.3750e+00	0.0000e+00	0.0000e+00
	1919	8.7951e+01	-2.3980e+02	-1.3455e-16	3.3750e+00	0.0000e+00	0.0000e+00
364	2059	-2.8733e+01	-2.1800e+02	-3.3325e-17	-5.3762e+01	0.0000e+00	0.0000e+00
	1920	2.8733e+01	-2.1800e+02	3.3325e-17	5.3762e+01	0.0000e+00	0.0000e+00
365	2042	-9.7382e+01	-2.1800e+02	-1.3305e-16	-3.9512e+01	0.0000e+00	0.0000e+00
	1918	9.7382e+01	-2.1800e+02	1.3305e-16	3.9512e+01	0.0000e+00	0.0000e+00
366	2025	-3.2948e+01	-2.1800e+02	-1.4658e-16	-1.2062e+01	0.0000e+00	0.0000e+00
	1917	3.2948e+01	-2.1800e+02	1.4658e-16	1.2062e+01	0.0000e+00	0.0000e+00
367	2008	7.1685e+01	-2.1800e+02	-1.3369e-16	1.9849e+01	0.0000e+00	0.0000e+00
	2107	-7.1685e+01	-2.1800e+02	1.3369e-16	-1.9849e+01	0.0000e+00	0.0000e+00
368	1996	-3.7554e+00	-2.1800e+02	-1.6927e-16	4.4618e+01	0.0000e+00	0.0000e+00
	2080	3.7554e+00	-2.1800e+02	1.6927e-16	-4.4618e+01	0.0000e+00	0.0000e+00
369	1919	4.0477e+02	-2.1800e+02	-3.0214e-16	5.4600e+01	0.0000e+00	0.0000e+00
	2079	-4.0477e+02	-2.1800e+02	3.0214e-16	-5.4600e+01	0.0000e+00	0.0000e+00
370	2097	4.6075e+01	-2.1800e+02	-5.4033e-16	-5.8335e+00	0.0000e+00	0.0000e+00
	2039	-4.6075e+01	-2.1800e+02	5.4033e-16	5.8335e+00	0.0000e+00	0.0000e+00
371	2098	4.5870e+02	-2.1800e+02	-5.5755e-16	8.3944e+00	0.0000e+00	0.0000e+00
	2056	-4.5870e+02	-2.1800e+02	5.5755e-16	-8.3944e+00	0.0000e+00	0.0000e+00
372	2119	1.0521e+02	-2.3980e+02	1.1568e-16	2.2557e-01	0.0000e+00	0.0000e+00
	2098	-1.0521e+02	-2.3980e+02	-1.1568e-16	-2.2557e-01	0.0000e+00	0.0000e+00
373	2118	6.5328e+01	-2.3980e+02	1.2220e-16	1.6538e+00	0.0000e+00	0.0000e+00
	2097	-6.5328e+01	-2.3980e+02	-1.2220e-16	-1.6538e+00	0.0000e+00	0.0000e+00
374	2102	9.5078e+01	-1.5260e+02	0.0000e+00	1.7139e-01	0.0000e+00	0.0000e+00
	2119	-9.5078e+01	-1.5260e+02	0.0000e+00	-1.7139e-01	0.0000e+00	0.0000e+00
375	2101	7.7010e+01	-1.5260e+02	0.0000e+00	4.7027e-03	0.0000e+00	0.0000e+00
	2118	-7.7010e+01	-1.5260e+02	0.0000e+00	-4.7027e-03	0.0000e+00	0.0000e+00
376	2070	8.8163e+01	-2.3980e+02	3.5193e-16	2.2504e+00	0.0000e+00	0.0000e+00
	2102	-8.8163e+01	-2.3980e+02	-3.5193e-16	-2.2504e+00	0.0000e+00	0.0000e+00
377	2068	8.4593e+01	-2.3980e+02	3.4076e-16	-1.1921e+00	0.0000e+00	0.0000e+00
	2101	-8.4593e+01	-2.3980e+02	-3.4076e-16	1.1921e+00	0.0000e+00	0.0000e+00
378	2069	8.5880e+01	-1.9075e+02	-1.5724e-16	-4.1193e+00	0.0000e+00	0.0000e+00
	2070	-8.5880e+01	-1.9075e+02	1.5724e-16	4.1193e+00	0.0000e+00	0.0000e+00
379	2067	8.6450e+01	-1.9075e+02	-1.5366e-16	1.2591e+00	0.0000e+00	0.0000e+00
	2068	-8.6450e+01	-1.9075e+02	1.5366e-16	-1.2591e+00	0.0000e+00	0.0000e+00
380	2022	-8.9991e+00	-2.1800e+02	1.4684e-16	4.4004e+00	0.0000e+00	0.0000e+00
	1926	8.9991e+00	-2.1800e+02	-1.4684e-16	-4.4004e+00	0.0000e+00	0.0000e+00
381	1993	9.0826e+00	-2.1800e+02	1.7499e-16	3.3881e+00	0.0000e+00	0.0000e+00
	1924	-9.0826e+00	-2.1800e+02	-1.7499e-16	-3.3881e+00	0.0000e+00	0.0000e+00
382	1916	-1.1986e+02	-2.1800e+02	2.1333e-16	7.2684e-01	0.0000e+00	0.0000e+00

	1923	1.1986e+02	-2.1800e+02	-2.1333e-16	-7.2684e-01	0.0000e+00	0.0000e+00
383	2086	-5.4910e+00	-2.1800e+02	2.4803e-16	-1.4177e+01	0.0000e+00	0.0000e+00
	1922	5.4910e+00	-2.1800e+02	-2.4803e-16	1.4177e+01	0.0000e+00	0.0000e+00
384	2065	1.0081e+02	-2.3980e+02	1.2283e-16	-2.5231e+00	0.0000e+00	0.0000e+00
	2022	-1.0081e+02	-2.3980e+02	-1.2283e-16	2.5231e+00	0.0000e+00	0.0000e+00
385	2048	2.4006e+01	-2.3980e+02	1.4156e-16	-7.0140e-01	0.0000e+00	0.0000e+00
	1993	-2.4006e+01	-2.3980e+02	-1.4156e-16	7.0140e-01	0.0000e+00	0.0000e+00
386	2031	5.0452e+01	-2.3980e+02	1.4633e-16	8.7239e-02	0.0000e+00	0.0000e+00
	1916	-5.0452e+01	-2.3980e+02	-1.4633e-16	-8.7239e-02	0.0000e+00	0.0000e+00
387	2014	-1.1979e+00	-2.3980e+02	1.6210e-16	1.8854e+00	0.0000e+00	0.0000e+00
	2086	1.1979e+00	-2.3980e+02	-1.6210e-16	-1.8854e+00	0.0000e+00	0.0000e+00
388	2113	1.6954e+00	-1.5260e+02	0.0000e+00	1.8413e+00	0.0000e+00	0.0000e+00
	2014	-1.6954e+00	-1.5260e+02	0.0000e+00	-1.8413e+00	0.0000e+00	0.0000e+00
389	2114	4.5547e+01	-1.5260e+02	0.0000e+00	1.3203e+00	0.0000e+00	0.0000e+00
	2031	-4.5547e+01	-1.5260e+02	0.0000e+00	-1.3203e+00	0.0000e+00	0.0000e+00
390	2115	3.3408e+01	-1.5260e+02	0.0000e+00	-5.1009e-01	0.0000e+00	0.0000e+00
	2048	-3.3408e+01	-1.5260e+02	0.0000e+00	5.1009e-01	0.0000e+00	0.0000e+00
391	2117	9.4162e+01	-1.5260e+02	0.0000e+00	-2.9449e+00	0.0000e+00	0.0000e+00
	2065	-9.4162e+01	-1.5260e+02	0.0000e+00	2.9449e+00	0.0000e+00	0.0000e+00
392	2092	3.9919e+00	-2.3980e+02	-6.5909e-17	-4.1826e+00	0.0000e+00	0.0000e+00
	2113	-3.9919e+00	-2.3980e+02	6.5909e-17	4.1826e+00	0.0000e+00	0.0000e+00
393	2094	4.2543e+01	-2.3980e+02	-6.7306e-17	-4.7412e-01	0.0000e+00	0.0000e+00
	2114	-4.2543e+01	-2.3980e+02	6.7306e-17	4.7412e-01	0.0000e+00	0.0000e+00
394	2096	3.9965e+01	-2.3980e+02	-5.4948e-17	7.5332e-01	0.0000e+00	0.0000e+00
	2115	-3.9965e+01	-2.3980e+02	5.4948e-17	-7.5332e-01	0.0000e+00	0.0000e+00
395	2100	8.9613e+01	-2.3980e+02	-4.0480e-17	1.1458e+00	0.0000e+00	0.0000e+00
	2117	-8.9613e+01	-2.3980e+02	4.0480e-17	-1.1458e+00	0.0000e+00	0.0000e+00
396	2091	5.5561e+00	-1.9075e+02	5.6918e-17	7.9696e+00	0.0000e+00	0.0000e+00
	2092	-5.5561e+00	-1.9075e+02	-5.6918e-17	-7.9696e+00	0.0000e+00	0.0000e+00
397	2093	4.1652e+01	-1.9075e+02	6.2096e-17	1.6075e+00	0.0000e+00	0.0000e+00
	2094	-4.1652e+01	-1.9075e+02	-6.2096e-17	-1.6075e+00	0.0000e+00	0.0000e+00
398	2095	4.3460e+01	-1.9075e+02	5.7599e-17	-1.5214e+00	0.0000e+00	0.0000e+00
	2096	-4.3460e+01	-1.9075e+02	-5.7599e-17	1.5214e+00	0.0000e+00	0.0000e+00
399	2099	8.7235e+01	-1.9075e+02	4.5906e-17	-3.6496e+00	0.0000e+00	0.0000e+00
	2100	-8.7235e+01	-1.9075e+02	-4.5906e-17	3.6496e+00	0.0000e+00	0.0000e+00
400	2066	8.6608e+01	-1.9075e+02	-4.0291e-17	3.2345e+00	0.0000e+00	0.0000e+00
	2099	-8.6608e+01	-1.9075e+02	4.0291e-17	-3.2345e+00	0.0000e+00	0.0000e+00
401	2049	8.7658e+01	-2.3980e+02	8.8786e-18	-3.7752e-01	0.0000e+00	0.0000e+00
	2066	-8.7658e+01	-2.3980e+02	-8.8786e-18	3.7752e-01	0.0000e+00	0.0000e+00
402	2064	4.4683e+01	-1.9075e+02	-5.1014e-17	1.4524e+00	0.0000e+00	0.0000e+00
	2095	-4.4683e+01	-1.9075e+02	5.1014e-17	-1.4524e+00	0.0000e+00	0.0000e+00
403	2063	4.2177e+01	-1.9075e+02	-5.5949e-17	-1.4194e+00	0.0000e+00	0.0000e+00
	2093	-4.2177e+01	-1.9075e+02	5.5949e-17	1.4194e+00	0.0000e+00	0.0000e+00
404	2062	6.7816e+00	-1.9075e+02	-5.1771e-17	-7.7145e+00	0.0000e+00	0.0000e+00
	2091	-6.7816e+00	-1.9075e+02	5.1771e-17	7.7145e+00	0.0000e+00	0.0000e+00
405	2061	-3.0351e+01	-1.9075e+02	-2.4971e-17	-1.8733e+01	0.0000e+00	0.0000e+00
	2089	3.0351e+01	-1.9075e+02	2.4971e-17	1.8733e+01	0.0000e+00	0.0000e+00
406	2060	-7.6565e+01	-1.9075e+02	1.8651e-17	-2.1777e+01	0.0000e+00	0.0000e+00
	2087	7.6565e+01	-1.9075e+02	-1.8651e-17	2.1777e+01	0.0000e+00	0.0000e+00
407	2058	-1.5719e+02	-1.9075e+02	4.4149e-17	-1.6697e+01	0.0000e+00	0.0000e+00
	2083	1.5719e+02	-1.9075e+02	-4.4149e-17	1.6697e+01	0.0000e+00	0.0000e+00
408	2057	-1.1914e+02	-1.9075e+02	5.0636e-17	-6.0062e+00	0.0000e+00	0.0000e+00
	2081	1.1914e+02	-1.9075e+02	-5.0636e-17	6.0062e+00	0.0000e+00	0.0000e+00
409	2054	-7.3342e+01	-1.9075e+02	6.1246e-17	1.8449e+01	0.0000e+00	0.0000e+00
	2075	7.3342e+01	-1.9075e+02	-6.1246e-17	-1.8449e+01	0.0000e+00	0.0000e+00

410	2052	-4.8662e+01	-1.9075e+02	9.6581e-17	2.2845e+01	0.0000e+00	0.0000e+00
	2071	4.8662e+01	-1.9075e+02	-9.6581e-17	-2.2845e+01	0.0000e+00	0.0000e+00
411	2051	8.7329e+01	-1.9075e+02	1.6404e-16	4.1413e+00	0.0000e+00	0.0000e+00
	2069	-8.7329e+01	-1.9075e+02	-1.6404e-16	-4.1413e+00	0.0000e+00	0.0000e+00
412	2050	8.3864e+01	-1.9075e+02	1.6042e-16	-1.2644e+00	0.0000e+00	0.0000e+00
	2067	-8.3864e+01	-1.9075e+02	-1.6042e-16	1.2644e+00	0.0000e+00	0.0000e+00
413	2047	4.3736e+01	-2.3980e+02	1.7743e-17	-6.3179e-01	0.0000e+00	0.0000e+00
	2064	-4.3736e+01	-2.3980e+02	-1.7743e-17	6.3179e-01	0.0000e+00	0.0000e+00
414	2046	4.4038e+01	-2.3980e+02	3.2759e-17	1.1702e-01	0.0000e+00	0.0000e+00
	2063	-4.4038e+01	-2.3980e+02	-3.2759e-17	-1.1702e-01	0.0000e+00	0.0000e+00
415	2045	7.5801e+00	-2.3980e+02	3.7283e-17	3.7040e+00	0.0000e+00	0.0000e+00
	2062	-7.5801e+00	-2.3980e+02	-3.7283e-17	-3.7040e+00	0.0000e+00	0.0000e+00
416	2044	-3.4169e+01	-2.3980e+02	-8.7319e-18	1.1499e+01	0.0000e+00	0.0000e+00
	2061	3.4169e+01	-2.3980e+02	8.7319e-18	-1.1499e+01	0.0000e+00	0.0000e+00
417	2043	-7.3520e+01	-2.3980e+02	-9.8552e-17	1.3947e+01	0.0000e+00	0.0000e+00
	2060	7.3520e+01	-2.3980e+02	9.8552e-17	-1.3947e+01	0.0000e+00	0.0000e+00
418	2041	-2.4120e+02	-2.3980e+02	-1.5164e-16	1.0619e+01	0.0000e+00	0.0000e+00
	2058	2.4120e+02	-2.3980e+02	1.5164e-16	-1.0619e+01	0.0000e+00	0.0000e+00
419	2040	-1.1784e+02	-2.3980e+02	-1.6532e-16	3.5393e+00	0.0000e+00	0.0000e+00
	2057	1.1784e+02	-2.3980e+02	1.6532e-16	-3.5393e+00	0.0000e+00	0.0000e+00
420	2038	-1.4937e+02	-2.3980e+02	-1.6542e-16	-5.1288e+00	0.0000e+00	0.0000e+00
	2055	1.4937e+02	-2.3980e+02	1.6542e-16	5.1288e+00	0.0000e+00	0.0000e+00
421	2037	-7.5478e+01	-2.3980e+02	-1.8840e-16	-1.1928e+01	0.0000e+00	0.0000e+00
	2054	7.5478e+01	-2.3980e+02	1.8840e-16	1.1928e+01	0.0000e+00	0.0000e+00
422	2035	-4.3693e+01	-2.3980e+02	-2.5942e-16	-1.4508e+01	0.0000e+00	0.0000e+00
	2052	4.3693e+01	-2.3980e+02	2.5942e-16	1.4508e+01	0.0000e+00	0.0000e+00
423	2034	9.3061e+01	-2.3980e+02	-3.9082e-16	-2.2911e+00	0.0000e+00	0.0000e+00
	2051	-9.3061e+01	-2.3980e+02	3.9082e-16	2.2911e+00	0.0000e+00	0.0000e+00
424	2033	7.6548e+01	-2.3980e+02	-3.7944e-16	1.2036e+00	0.0000e+00	0.0000e+00
	2050	-7.6548e+01	-2.3980e+02	3.7944e-16	-1.2036e+00	0.0000e+00	0.0000e+00
425	2032	9.0668e+01	-1.5260e+02	0.0000e+00	8.7725e-01	0.0000e+00	0.0000e+00
	2049	-9.0668e+01	-1.5260e+02	0.0000e+00	-8.7725e-01	0.0000e+00	0.0000e+00
426	2030	4.0070e+01	-1.5260e+02	0.0000e+00	1.6932e-01	0.0000e+00	0.0000e+00
	2047	-4.0070e+01	-1.5260e+02	0.0000e+00	-1.6932e-01	0.0000e+00	0.0000e+00
427	2029	4.7637e+01	-1.5260e+02	0.0000e+00	-3.6042e-01	0.0000e+00	0.0000e+00
	2046	-4.7637e+01	-1.5260e+02	0.0000e+00	3.6042e-01	0.0000e+00	0.0000e+00
428	2028	8.2941e+00	-1.5260e+02	0.0000e+00	-5.0544e-01	0.0000e+00	0.0000e+00
	2045	-8.2941e+00	-1.5260e+02	0.0000e+00	5.0544e-01	0.0000e+00	0.0000e+00
429	2027	-4.1013e+01	-1.5260e+02	0.0000e+00	3.1295e-02	0.0000e+00	0.0000e+00
	2044	4.1013e+01	-1.5260e+02	0.0000e+00	-3.1295e-02	0.0000e+00	0.0000e+00
430	2026	-6.2316e+01	-1.5260e+02	0.0000e+00	3.3694e-01	0.0000e+00	0.0000e+00
	2043	6.2316e+01	-1.5260e+02	0.0000e+00	-3.3694e-01	0.0000e+00	0.0000e+00
431	2024	-2.0370e+02	-1.5260e+02	0.0000e+00	2.2745e-01	0.0000e+00	0.0000e+00
	2041	2.0370e+02	-1.5260e+02	0.0000e+00	-2.2745e-01	0.0000e+00	0.0000e+00
432	2023	-1.0631e+02	-1.5260e+02	0.0000e+00	-3.5507e-02	0.0000e+00	0.0000e+00
	2040	1.0631e+02	-1.5260e+02	0.0000e+00	3.5507e-02	0.0000e+00	0.0000e+00
433	2021	-1.7993e+02	-1.5260e+02	0.0000e+00	-2.3130e-01	0.0000e+00	0.0000e+00
	2038	1.7993e+02	-1.5260e+02	0.0000e+00	2.3130e-01	0.0000e+00	0.0000e+00
434	2020	-7.4035e+01	-1.5260e+02	0.0000e+00	-3.0412e-01	0.0000e+00	0.0000e+00
	2037	7.4035e+01	-1.5260e+02	0.0000e+00	3.0412e-01	0.0000e+00	0.0000e+00
435	2018	-3.9564e+01	-1.5260e+02	0.0000e+00	-2.9458e-01	0.0000e+00	0.0000e+00
	2035	3.9564e+01	-1.5260e+02	0.0000e+00	2.9458e-01	0.0000e+00	0.0000e+00
436	2017	1.0544e+02	-1.5260e+02	0.0000e+00	-8.1994e-02	0.0000e+00	0.0000e+00
	2034	-1.0544e+02	-1.5260e+02	0.0000e+00	8.1994e-02	0.0000e+00	0.0000e+00
437	2016	6.2385e+01	-1.5260e+02	0.0000e+00	-2.9693e-02	0.0000e+00	0.0000e+00

	2033	-6.2385e+01	-1.5260e+02	0.0000e+00	2.9693e-02	0.0000e+00	0.0000e+00
438	2015	9.5498e+01	-2.3980e+02	-1.8464e-16	3.9278e+00	0.0000e+00	0.0000e+00
	2032	-9.5498e+01	-2.3980e+02	1.8464e-16	-3.9278e+00	0.0000e+00	0.0000e+00
439	2013	3.3993e+01	-2.3980e+02	-2.1138e-16	8.7221e-01	0.0000e+00	0.0000e+00
	2030	-3.3993e+01	-2.3980e+02	2.1138e-16	-8.7221e-01	0.0000e+00	0.0000e+00
440	2012	5.2688e+01	-2.3980e+02	-2.1091e-16	-9.0752e-01	0.0000e+00	0.0000e+00
	2029	-5.2688e+01	-2.3980e+02	2.1091e-16	9.0752e-01	0.0000e+00	0.0000e+00
441	2011	9.0162e+00	-2.3980e+02	-2.0887e-16	-2.7902e+00	0.0000e+00	0.0000e+00
	2028	-9.0162e+00	-2.3980e+02	2.0887e-16	2.7902e+00	0.0000e+00	0.0000e+00
442	2010	-5.0025e+01	-2.3980e+02	-1.8477e-16	-4.0328e+00	0.0000e+00	0.0000e+00
	2027	5.0025e+01	-2.3980e+02	1.8477e-16	4.0328e+00	0.0000e+00	0.0000e+00
443	2009	-4.6257e+01	-2.3980e+02	-1.7187e-16	-3.2229e+00	0.0000e+00	0.0000e+00
	2026	4.6257e+01	-2.3980e+02	1.7187e-16	3.2229e+00	0.0000e+00	0.0000e+00
444	2007	-2.0076e+02	-2.3980e+02	-1.7202e-16	-1.9542e+00	0.0000e+00	0.0000e+00
	2024	2.0076e+02	-2.3980e+02	1.7202e-16	1.9542e+00	0.0000e+00	0.0000e+00
445	2006	-8.7815e+01	-2.3980e+02	-1.8119e-16	-4.9743e-01	0.0000e+00	0.0000e+00
	2023	8.7815e+01	-2.3980e+02	1.8119e-16	4.9743e-01	0.0000e+00	0.0000e+00
446	2004	-2.5616e+02	-2.3980e+02	-1.9279e-16	1.0409e+00	0.0000e+00	0.0000e+00
	2021	2.5616e+02	-2.3980e+02	1.9279e-16	-1.0409e+00	0.0000e+00	0.0000e+00
447	2003	-6.9311e+01	-2.3980e+02	-1.9954e-16	2.2015e+00	0.0000e+00	0.0000e+00
	2020	6.9311e+01	-2.3980e+02	1.9954e-16	-2.2015e+00	0.0000e+00	0.0000e+00
448	2001	-3.5792e+01	-2.3980e+02	0.0000e+00	2.9694e+00	0.0000e+00	0.0000e+00
	2018	3.5792e+01	-2.3980e+02	0.0000e+00	-2.9694e+00	0.0000e+00	0.0000e+00
449	2000	1.2352e+02	-2.3980e+02	0.0000e+00	-4.0813e-01	0.0000e+00	0.0000e+00
	2017	-1.2352e+02	-2.3980e+02	0.0000e+00	4.0813e-01	0.0000e+00	0.0000e+00
450	1999	4.2759e+01	-2.3980e+02	0.0000e+00	-1.8725e+00	0.0000e+00	0.0000e+00
	2016	-4.2759e+01	-2.3980e+02	0.0000e+00	1.8725e+00	0.0000e+00	0.0000e+00
451	1982	1.0338e+02	-2.1800e+02	-1.6116e-16	-5.0254e+00	0.0000e+00	0.0000e+00
	2015	-1.0338e+02	-2.1800e+02	1.6116e-16	5.0254e+00	0.0000e+00	0.0000e+00
452	1984	2.3468e+01	-2.1800e+02	-1.9166e-16	-3.4851e+00	0.0000e+00	0.0000e+00
	2013	-2.3468e+01	-2.1800e+02	1.9166e-16	3.4851e+00	0.0000e+00	0.0000e+00
453	1985	1.7932e+02	-2.1800e+02	-2.2877e-16	-4.8781e-01	0.0000e+00	0.0000e+00
	2012	-1.7932e+02	-2.1800e+02	2.2877e-16	4.8781e-01	0.0000e+00	0.0000e+00
454	1986	1.0118e+01	-2.1800e+02	-2.6157e-16	1.4452e+01	0.0000e+00	0.0000e+00
	2011	-1.0118e+01	-2.1800e+02	2.6157e-16	-1.4452e+01	0.0000e+00	0.0000e+00
455	1998	1.3669e+02	-2.1800e+02	-1.6215e-16	4.5505e+01	0.0000e+00	0.0000e+00
	2010	-1.3669e+02	-2.1800e+02	1.6215e-16	-4.5505e+01	0.0000e+00	0.0000e+00
456	1997	-2.0247e+01	-2.1800e+02	1.7709e-17	5.3344e+01	0.0000e+00	0.0000e+00
	2009	2.0247e+01	-2.1800e+02	-1.7709e-17	-5.3344e+01	0.0000e+00	0.0000e+00
457	1995	-3.9384e+01	-2.1800e+02	1.1612e-16	3.9380e+01	0.0000e+00	0.0000e+00
	2007	3.9384e+01	-2.1800e+02	-1.1612e-16	-3.9380e+01	0.0000e+00	0.0000e+00
458	1994	-5.2295e+01	-2.1800e+02	1.2910e-16	1.2345e+01	0.0000e+00	0.0000e+00
	2006	5.2295e+01	-2.1800e+02	-1.2910e-16	-1.2345e+01	0.0000e+00	0.0000e+00
459	1992	-3.6307e+02	-2.1800e+02	1.1546e-16	-1.9394e+01	0.0000e+00	0.0000e+00
	2004	3.6307e+02	-2.1800e+02	-1.1546e-16	1.9394e+01	0.0000e+00	0.0000e+00
460	1991	-5.4621e+01	-2.1800e+02	1.5061e-16	-4.4293e+01	0.0000e+00	0.0000e+00
	2003	5.4621e+01	-2.1800e+02	-1.5061e-16	4.4293e+01	0.0000e+00	0.0000e+00
461	1989	-4.5516e+02	-2.1800e+02	2.8306e-16	-5.4475e+01	0.0000e+00	0.0000e+00
	2001	4.5516e+02	-2.1800e+02	-2.8306e-16	5.4475e+01	0.0000e+00	0.0000e+00
462	1988	-3.4216e+02	-2.1800e+02	5.3891e-16	-8.4121e+00	0.0000e+00	0.0000e+00
	2000	3.4216e+02	-2.1800e+02	-5.3891e-16	8.4121e+00	0.0000e+00	0.0000e+00
463	1987	1.2105e+01	-2.1800e+02	5.2159e-16	5.8531e+00	0.0000e+00	0.0000e+00
	1999	-1.2105e+01	-2.1800e+02	-5.2159e-16	-5.8531e+00	0.0000e+00	0.0000e+00
464	1926	4.2243e+02	1.9607e+02	-2.1327e+00	-3.2105e+01	3.1775e+02	2.9212e+04
	1981	-4.2243e+02	-1.9607e+02	2.1327e+00	3.2105e+01	0.0000e+00	0.0000e+00

465	1924	5.9307e+02	-4.9286e+01	6.8664e+00	2.6147e+01	-3.5609e+02	2.4367e+04
	1926	-5.9307e+02	4.9286e+01	-6.8664e+00	-2.6147e+01	-3.1830e+02	-2.9208e+04
466	1923	7.0973e+02	-2.8770e+02	-2.2162e+00	-9.9049e+00	-1.3404e+02	-4.5680e+03
	1924	-7.0973e+02	2.8770e+02	2.2162e+00	9.9049e+00	3.5691e+02	-2.4364e+04
467	1922	8.8128e+02	-4.9291e+02	-2.5482e+00	-1.3492e+01	1.1645e+02	-5.2964e+04
	1923	-8.8128e+02	4.9291e+02	2.5482e+00	1.3492e+01	1.3373e+02	4.5686e+03
468	1949	8.0663e+02	-8.9850e+02	2.9429e+00	1.5279e+01	-7.5496e+01	-1.1149e+05
	1922	-8.0663e+02	8.9850e+02	-2.9429e+00	-1.5279e+01	-1.1623e+02	5.2950e+04
469	1921	1.4492e+02	1.0118e+03	3.9570e+00	1.4792e+01	-2.2824e+02	-7.2450e+04
	1949	-1.4492e+02	-1.0118e+03	-3.9570e+00	-1.4792e+01	7.5575e+01	1.1149e+05
470	1920	3.3203e+02	7.8335e+02	-1.0258e+01	7.0780e+00	8.1141e+02	7.0173e+03
	1921	-3.3203e+02	-7.8335e+02	1.0258e+01	-7.0780e+00	2.2865e+02	7.2404e+04
471	1918	4.5127e+02	5.3209e+02	1.8474e+01	8.8658e+01	-1.0575e+03	6.0760e+04
	1920	-4.5127e+02	-5.3209e+02	-1.8474e+01	-8.8658e+01	-8.0659e+02	-7.0710e+03
472	1917	5.9275e+02	2.5115e+02	-1.9282e+01	-2.8180e+01	8.8388e+02	8.6130e+04
	1918	-5.9275e+02	-2.5115e+02	1.9282e+01	2.8180e+01	1.0608e+03	-6.0800e+04
473	2107	6.1149e+02	-2.6566e+01	1.3667e+01	5.9203e+01	-5.3230e+02	8.3393e+04
	1917	-6.1149e+02	2.6566e+01	-1.3667e+01	-5.9203e+01	-8.8235e+02	-8.6143e+04
474	2080	5.5264e+02	-3.0422e+02	-6.4807e+00	1.4360e+00	1.0434e+02	5.3337e+04
	2107	-5.5264e+02	3.0422e+02	6.4807e+00	-1.4360e+00	5.3551e+02	-8.3374e+04
475	2079	4.6658e+02	-5.7461e+02	-2.7252e+00	1.2745e+01	3.7790e+02	-4.5490e+03
	2080	-4.6658e+02	5.7461e+02	2.7252e+00	-1.2745e+01	-1.0357e+02	-5.3292e+04
476	2056	6.9244e+02	5.4421e+02	-2.6069e+01	-3.9178e+01	1.7609e+03	-5.0565e+04
	1959	-6.9244e+02	-5.4421e+02	2.6069e+01	3.9178e+01	4.7757e+02	9.7294e+04
477	2039	3.6343e+02	3.4441e+02	3.1985e+01	7.8811e+01	-1.4936e+03	-1.5544e+04
	2056	-3.6343e+02	-3.4441e+02	-3.1985e+01	-7.8811e+01	-1.7595e+03	5.0574e+04
478	1960	2.6483e+02	1.3680e+02	-1.4090e+01	-3.0600e+01	-1.1202e+03	-1.1896e+04
	2039	-2.6483e+02	-1.3680e+02	1.4090e+01	3.0600e+01	1.4954e+03	1.5538e+04
479	2022	-8.0908e+02	1.8012e+02	-2.1398e+00	-9.3961e+00	3.1881e+02	2.6836e+04
	1980	8.0908e+02	-1.8012e+02	2.1398e+00	9.3961e+00	0.0000e+00	0.0000e+00
480	1993	-5.2416e+02	-2.6219e+01	8.2359e+00	4.8731e+01	-4.9367e+02	2.4268e+04
	2022	5.2416e+02	2.6219e+01	-8.2359e+00	-4.8731e+01	-3.1522e+02	-2.6843e+04
481	1916	-2.6236e+02	-3.4879e+02	-6.6872e+00	-1.3144e+00	1.7640e+02	-1.0803e+04
	1993	2.6236e+02	3.4879e+02	6.6872e+00	1.3144e+00	4.9607e+02	-2.4272e+04
482	2086	-1.0873e+02	-7.3553e+02	2.2544e+00	3.1148e+00	-4.5000e+01	-8.3019e+04
	1916	1.0873e+02	7.3553e+02	-2.2544e+00	-3.1148e+00	-1.7635e+02	1.0802e+04
483	1948	-1.3352e+02	-1.1191e+03	-2.0387e+00	-7.9393e+00	8.8418e+01	-1.5594e+05
	2086	1.3352e+02	1.1191e+03	2.0387e+00	7.9393e+00	4.4403e+01	8.3035e+04
484	2085	-1.0394e+03	1.5061e+03	-1.5186e+00	-7.3615e+00	1.4701e+02	-9.7833e+04
	1948	1.0394e+03	-1.5061e+03	1.5186e+00	7.3615e+00	-8.8424e+01	1.5594e+05
485	2059	-9.2145e+02	1.0999e+03	-4.1179e+00	-2.1550e+00	5.6468e+02	1.3630e+04
	2085	9.2145e+02	-1.0999e+03	4.1179e+00	2.1550e+00	-1.4719e+02	9.7883e+04
486	2042	-7.1767e+02	7.3781e+02	1.4378e+01	5.4654e+01	-8.8874e+02	8.8019e+04
	2059	7.1767e+02	-7.3781e+02	-1.4378e+01	-5.4654e+01	-5.6203e+02	-1.3572e+04
487	2025	-5.6741e+02	3.5735e+02	-1.8135e+01	-4.2935e+01	9.3970e+02	1.2402e+05
	2042	5.6741e+02	-3.5735e+02	1.8135e+01	4.2935e+01	8.8934e+02	-8.7977e+04
488	2008	-5.3600e+02	-4.6140e+01	1.7327e+01	5.0030e+01	-8.5413e+02	1.1923e+05
	2025	5.3600e+02	4.6140e+01	-1.7327e+01	-5.0030e+01	-9.3935e+02	-1.2401e+05
489	1996	-4.3481e+02	-4.2359e+02	-1.6310e+01	-4.2025e+01	7.5586e+02	7.7431e+04
	2008	4.3481e+02	4.2359e+02	1.6310e+01	4.2025e+01	8.5451e+02	-1.1925e+05
490	1919	-5.8279e+02	-8.1962e+02	1.4586e+01	4.0207e+01	-7.1230e+02	-5.0269e+03
	1996	5.8279e+02	8.1962e+02	-1.4586e+01	-4.0207e+01	-7.5596e+02	-7.7478e+04
491	2098	2.5823e+02	8.4355e+02	-3.5461e+00	1.0215e+01	5.6425e+02	-7.2004e+04
	1958	-2.5823e+02	-8.4355e+02	3.5461e+00	-1.0215e+01	-2.5976e+02	1.4444e+05
492	2097	2.5317e+02	4.3684e+02	1.2453e+01	4.7742e+01	-7.0425e+02	-2.7565e+04

	2098	-2.5317e+02	-4.3684e+02	-1.2453e+01	-4.7742e+01	-5.6230e+02	7.1996e+04
493	1961	2.6533e+01	3.8915e+01	-6.8006e+00	-3.8733e+00	-5.2478e+02	-2.6536e+04
	2097	-2.6533e+01	-3.8915e+01	6.8006e+00	3.8733e+00	7.0586e+02	2.7572e+04
494	2065	-3.1701e+02	2.0166e+02	-1.2650e+00	-1.6485e+00	1.8847e+02	3.0045e+04
	1979	3.1701e+02	-2.0166e+02	1.2650e+00	1.6485e+00	0.0000e+00	0.0000e+00
495	2048	-1.9410e+01	-4.1766e+01	5.3856e+00	3.2614e+01	-3.4331e+02	2.5943e+04
	2065	1.9410e+01	4.1766e+01	-5.3856e+00	-3.2614e+01	-1.8564e+02	-3.0045e+04
496	2031	2.0085e+02	-3.6152e+02	-4.0163e+00	-2.1822e+00	5.9030e+01	-1.0412e+04
	2048	-2.0085e+02	3.6152e+02	4.0163e+00	2.1822e+00	3.4485e+02	-2.5943e+04
497	2014	4.0707e+02	-6.9440e+02	8.8917e-01	-6.2695e-01	-2.8235e+01	-7.8592e+04
	2031	-4.0707e+02	6.9440e+02	-8.8917e-01	6.2695e-01	-5.9067e+01	1.0413e+04
498	1947	3.5518e+02	-1.1431e+03	-2.0042e+00	-7.4850e+00	1.0334e+02	-1.5306e+05
	2014	-3.5518e+02	1.1431e+03	2.0042e+00	7.4850e+00	2.7232e+01	7.8592e+04
499	2005	-5.3703e+02	1.4387e+03	-1.5738e+00	-6.8133e+00	1.6407e+02	-9.7555e+04
	1947	5.3703e+02	-1.4387e+03	1.5738e+00	6.8133e+00	-1.0335e+02	1.5306e+05
500	1983	-3.7261e+02	1.0810e+03	-2.9770e+00	-1.1154e+00	4.6603e+02	1.2053e+04
	2005	3.7261e+02	-1.0810e+03	2.9770e+00	1.1154e+00	-1.6420e+02	9.7551e+04
501	1925	-1.8615e+02	7.2804e+02	1.1683e+01	4.5766e+01	-7.1502e+02	8.5518e+04
	1983	1.8615e+02	-7.2804e+02	-1.1683e+01	-4.5766e+01	-4.6378e+02	-1.2057e+04
502	2125	-2.1736e+01	3.5560e+02	-1.3358e+01	-3.2695e+01	6.3153e+02	1.2139e+05
	1925	2.1736e+01	-3.5560e+02	1.3358e+01	3.2695e+01	7.1570e+02	-8.5520e+04
503	2123	7.7838e+00	-3.6352e+01	1.0412e+01	2.9801e+01	-4.4603e+02	1.1762e+05
	2125	-7.7838e+00	3.6352e+01	-1.0412e+01	-2.9801e+01	-6.3168e+02	-1.2139e+05
504	2122	-5.2062e+01	-4.2517e+02	-8.4583e+00	-1.8817e+01	3.8855e+02	7.5643e+04
	2123	5.2062e+01	4.2517e+02	8.4583e+00	1.8817e+01	4.4655e+02	-1.1762e+05
505	2120	-1.8753e+02	-7.9904e+02	8.5794e+00	2.3438e+01	-4.7533e+02	-4.7944e+03
	2122	1.8753e+02	7.9904e+02	-8.5794e+00	-2.3438e+01	-3.8830e+02	-7.5639e+04
506	2119	4.0031e+02	8.1116e+02	-2.4065e+00	3.4024e+00	3.7799e+02	-7.0469e+04
	1957	-4.0031e+02	-8.1116e+02	2.4065e+00	-3.4024e+00	-1.7135e+02	1.4012e+05
507	2118	2.5681e+02	4.4312e+02	7.7225e+00	2.8627e+01	-4.0855e+02	-2.5399e+04
	2119	-2.5681e+02	-4.4312e+02	-7.7225e+00	-2.8627e+01	-3.7691e+02	7.0469e+04
508	1962	6.7465e+01	9.8948e+01	-3.9590e+00	-1.3184e+00	-3.0413e+02	-2.2762e+04
	2118	-6.7465e+01	-9.8948e+01	3.9590e+00	1.3184e+00	4.0955e+02	2.5397e+04
509	2117	-2.3285e+02	2.1600e+02	-7.2860e-01	4.4600e+00	1.0855e+02	3.2182e+04
	1978	2.3285e+02	-2.1600e+02	7.2860e-01	-4.4600e+00	0.0000e+00	0.0000e+00
510	2115	6.5954e+01	-4.2949e+01	3.8207e+00	2.4104e+01	-2.6931e+02	2.7960e+04
	2117	-6.5954e+01	4.2949e+01	-3.8207e+00	-2.4104e+01	-1.0594e+02	-3.2178e+04
511	2114	2.8566e+02	-3.7131e+02	-2.7365e+00	-3.1845e+00	4.8159e+00	-9.3807e+03
	2115	-2.8566e+02	3.7131e+02	2.7365e+00	3.1845e+00	2.7037e+02	-2.7958e+04
512	2113	4.9160e+02	-7.0642e+02	2.6679e-01	-3.0566e+00	-2.1296e+01	-7.8738e+04
	2114	-4.9160e+02	7.0642e+02	-2.6679e-01	3.0566e+00	-4.8981e+00	9.3789e+03
513	1946	4.3423e+02	-1.1753e+03	-2.0296e+00	-8.1515e+00	1.1232e+02	-1.5530e+05
	2113	-4.3423e+02	1.1753e+03	2.0296e+00	8.1515e+00	1.9910e+01	7.8732e+04
514	2112	-4.7510e+02	1.4553e+03	-1.6627e+00	-7.4228e+00	1.7648e+02	-9.9154e+04
	1946	4.7510e+02	-1.4553e+03	1.6627e+00	7.4228e+00	-1.1233e+02	1.5530e+05
515	2111	-3.1014e+02	1.0955e+03	-1.7281e+00	-1.2937e+00	3.5184e+02	1.1929e+04
	2112	3.1014e+02	-1.0955e+03	1.7281e+00	1.2937e+00	-1.7663e+02	9.9142e+04
516	2109	-1.2254e+02	7.3616e+02	8.5922e+00	3.4103e+01	-5.1678e+02	8.6223e+04
	2111	1.2254e+02	-7.3616e+02	-8.5922e+00	-3.4103e+01	-3.5019e+02	-1.1942e+04
517	2108	4.7090e-01	3.5458e+02	-9.3661e+00	-2.2224e+01	4.2728e+02	1.2199e+05
	2109	-4.7090e-01	-3.5458e+02	9.3661e+00	2.2224e+01	5.1737e+02	-8.6231e+04
518	2106	2.9782e+01	-3.9554e+01	6.6647e+00	2.0061e+01	-2.6248e+02	1.1790e+05
	2108	-2.9782e+01	3.9554e+01	-6.6647e+00	-2.0061e+01	-4.2739e+02	-1.2200e+05
519	2105	-5.2321e+01	-4.2729e+02	-4.9745e+00	-8.5781e+00	2.2809e+02	7.5714e+04
	2106	5.2321e+01	4.2729e+02	4.9745e+00	8.5781e+00	2.6306e+02	-1.1790e+05

520	2103	-1.8802e+02	-8.0111e+02	5.9870e+00	1.6212e+01	-3.7500e+02	-4.9391e+03
	2105	1.8802e+02	8.0111e+02	-5.9870e+00	-1.6212e+01	-2.2767e+02	-7.5703e+04
521	2102	4.0124e+02	8.1304e+02	-1.7437e+00	-2.1758e-01	2.7945e+02	-7.0696e+04
	1956	-4.0124e+02	-8.1304e+02	1.7437e+00	2.1758e-01	-1.2973e+02	1.4051e+05
522	2101	2.5786e+02	4.4494e+02	5.1713e+00	1.8438e+01	-2.4713e+02	-2.5444e+04
	2102	-2.5786e+02	-4.4494e+02	-5.1713e+00	-1.8438e+01	-2.7885e+02	7.0698e+04
523	1963	6.8648e+01	1.0068e+02	-2.4116e+00	3.2048e-01	-1.8361e+02	-2.2761e+04
	2101	-6.8648e+01	-1.0068e+02	2.4116e+00	-3.2048e-01	2.4782e+02	2.5442e+04
524	2100	-3.9666e+02	2.1309e+02	-1.9295e-01	9.6469e+00	2.8748e+01	3.1748e+04
	1977	3.9666e+02	-2.1309e+02	1.9295e-01	-9.6469e+00	0.0000e+00	0.0000e+00
525	2099	-1.2282e+02	2.2775e+02	2.6928e-01	1.5293e+01	-4.0121e+01	3.3933e+04
	1976	1.2282e+02	-2.2775e+02	-2.6928e-01	-1.5293e+01	0.0000e+00	0.0000e+00
526	2096	-7.0800e+01	-4.4995e+01	2.1846e+00	1.4708e+01	-1.8804e+02	2.7334e+04
	2100	7.0800e+01	4.4995e+01	-2.1846e+00	-1.4708e+01	-2.6518e+01	-3.1753e+04
527	2095	1.6919e+02	-4.3108e+01	8.9703e-01	7.7509e+00	-1.3033e+02	2.9693e+04
	2099	-1.6919e+02	4.3108e+01	-8.9703e-01	-7.7509e+00	4.2231e+01	-3.3926e+04
528	2094	1.7121e+02	-3.9085e+02	-1.3101e+00	-4.3344e+00	-5.6820e+01	-1.1968e+04
	2096	-1.7121e+02	3.9085e+02	1.3101e+00	4.3344e+00	1.8857e+02	-2.7336e+04
529	2093	3.8212e+02	-3.7294e+02	-3.2597e-01	-5.4353e+00	-9.7671e+01	-7.8132e+03
	2095	-3.8212e+02	3.7294e+02	3.2597e-01	5.4353e+00	1.3045e+02	-2.9690e+04
530	2092	3.9765e+02	-7.5480e+02	-4.1883e-01	-5.8291e+00	-1.5564e+01	-8.6079e+04
	2094	-3.9765e+02	7.5480e+02	4.1883e-01	5.8291e+00	5.6686e+01	1.1970e+04
531	2091	5.8199e+02	-7.0149e+02	-8.5092e-01	-8.0054e+00	-1.3947e+01	-7.6685e+04
	2093	-5.8199e+02	7.0149e+02	8.5092e-01	8.0054e+00	9.7494e+01	7.8102e+03
532	1945	3.4392e+02	-1.2354e+03	-1.9830e+00	-9.4444e+00	1.1552e+02	-1.6657e+05
	2092	-3.4392e+02	1.2354e+03	1.9830e+00	9.4444e+00	1.3675e+01	8.6091e+04
533	1944	5.1950e+02	-1.1822e+03	-2.0764e+00	-1.1161e+01	1.2370e+02	-1.5369e+05
	2091	-5.1950e+02	1.1822e+03	2.0764e+00	1.1161e+01	1.1577e+01	7.6669e+04
534	2090	-6.2501e+02	1.5688e+03	-1.6739e+00	-8.6952e+00	1.8012e+02	-1.0605e+05
	1945	6.2501e+02	-1.5688e+03	1.6739e+00	8.6952e+00	-1.1554e+02	1.6657e+05
535	2089	-3.8549e+02	1.4351e+03	-1.8311e+00	-1.0360e+01	1.9438e+02	-9.8326e+04
	1944	3.8549e+02	-1.4351e+03	1.8311e+00	1.0360e+01	-1.2373e+02	1.5369e+05
536	2088	-4.4492e+02	1.1776e+03	-3.7757e-01	-2.4390e+00	2.1859e+02	1.3314e+04
	2090	4.4492e+02	-1.1776e+03	3.7757e-01	2.4390e+00	-1.8031e+02	1.0608e+05
537	2087	-2.2445e+02	1.0826e+03	1.3953e+00	-3.6077e+00	5.3153e+01	1.1470e+04
	2089	2.2445e+02	-1.0826e+03	-1.3953e+00	3.6077e+00	-1.9462e+02	9.8288e+04
538	2084	-2.4101e+02	7.9396e+02	4.9598e+00	1.9561e+01	-2.8273e+02	9.3391e+04
	2088	2.4101e+02	-7.9396e+02	-4.9598e+00	-1.9561e+01	-2.1773e+02	-1.3279e+04
539	2083	-4.0698e+01	7.2535e+02	4.1429e-01	1.7571e+00	1.1444e+01	8.4703e+04
	2087	4.0698e+01	-7.2535e+02	-4.1429e-01	-1.7571e+00	-5.3247e+01	-1.1513e+04
540	2082	-8.5688e+01	3.8813e+02	-5.6019e+00	-1.1220e+01	2.8186e+02	1.3251e+05
	2084	8.5688e+01	-3.8813e+02	5.6019e+00	1.1220e+01	2.8314e+02	-9.3363e+04
541	2081	1.8765e+01	3.4265e+02	-1.2437e-01	3.5284e+00	2.3752e+01	1.1929e+05
	2083	-1.8765e+01	-3.4265e+02	1.2437e-01	-3.5284e+00	-1.1208e+01	-8.4735e+04
542	2078	-5.3197e+01	-3.5811e+01	4.7696e+00	1.6657e+01	-2.1211e+02	1.2879e+05
	2082	5.3197e+01	3.5811e+01	-4.7696e+00	-1.6657e+01	-2.8159e+02	-1.3250e+05
543	2077	4.6967e+01	-4.2335e+01	4.3285e-01	5.8556e+00	-2.1518e+01	1.1492e+05
	2081	-4.6967e+01	4.2335e+01	-4.3285e-01	-5.8556e+00	-2.3287e+01	-1.1931e+05
544	2076	-5.6995e+01	-4.6546e+02	-3.6410e+00	-6.6845e+00	1.4689e+02	8.2851e+04
	2078	5.6995e+01	4.6546e+02	3.6410e+00	6.6845e+00	2.1259e+02	-1.2881e+05
545	2075	-5.1232e+01	-4.1839e+02	-2.9581e-01	2.9744e+00	7.2701e+00	7.3602e+04
	2077	5.1232e+01	4.1839e+02	2.9581e-01	-2.9744e+00	2.1936e+01	-1.1491e+05
546	2072	-2.0552e+02	-8.7569e+02	4.3495e+00	9.2877e+00	-2.9108e+02	-5.2689e+03
	2076	2.0552e+02	8.7569e+02	-4.3495e+00	-9.2877e+00	-1.4675e+02	-8.2881e+04
547	2071	-1.8348e+02	-7.8178e+02	2.4047e+00	3.7454e+00	-2.3516e+02	-5.1304e+03

	2075	1.8348e+02	7.8178e+02	-2.4047e+00	-3.7454e+00	-6.9046e+00	-7.3565e+04
548	2070	4.3883e+02	8.8921e+02	-6.7095e-01	-5.1134e+00	1.4326e+02	-7.7214e+04
	1955	-4.3883e+02	-8.8921e+02	6.7095e-01	5.1134e+00	-8.5653e+01	1.5357e+05
549	2069	3.9177e+02	7.9385e+02	2.8800e-01	-8.5315e+00	3.5622e+01	-6.9148e+04
	1954	-3.9177e+02	-7.9385e+02	-2.8800e-01	8.5315e+00	-6.0352e+01	1.3731e+05
550	2068	2.8132e+02	4.8542e+02	1.6123e+00	4.4616e+00	-2.0699e+01	-2.7835e+04
	2070	-2.8132e+02	-4.8542e+02	-1.6123e+00	-4.4616e+00	-1.4329e+02	7.7207e+04
551	2067	2.5260e+02	4.3585e+02	-1.1613e+00	-6.1345e+00	1.5423e+02	-2.4825e+04
	2069	-2.5260e+02	-4.3585e+02	1.1613e+00	6.1345e+00	-3.6113e+01	6.9156e+04
552	1964	7.3514e+01	1.0782e+02	-2.4551e-01	2.9363e+00	-1.4433e+01	-2.4967e+04
	2068	-7.3514e+01	-1.0782e+02	2.4551e-01	-2.9363e+00	2.0970e+01	2.7838e+04
553	1965	6.8873e+01	1.0101e+02	1.4249e+00	5.1576e+00	1.1633e+02	-2.2133e+04
	2067	-6.8873e+01	-1.0101e+02	-1.4249e+00	-5.1576e+00	-1.5427e+02	2.4823e+04
554	2066	-3.8153e+02	2.1564e+02	7.1453e-01	2.0786e+01	-1.0646e+02	3.2129e+04
	1975	3.8153e+02	-2.1564e+02	-7.1453e-01	-2.0786e+01	0.0000e+00	0.0000e+00
555	2064	-5.5458e+01	-4.5228e+01	-3.3613e-01	1.1026e+00	-7.5449e+01	2.7691e+04
	2066	5.5458e+01	4.5228e+01	3.3613e-01	-1.1026e+00	1.0846e+02	-3.2133e+04
556	2063	1.8645e+02	-3.9263e+02	6.1014e-01	-6.5136e+00	-1.3653e+02	-1.1790e+04
	2064	-1.8645e+02	3.9263e+02	-6.1014e-01	6.5136e+00	7.5175e+01	-2.7693e+04
557	2062	4.1284e+02	-7.5698e+02	-1.2513e+00	-1.0107e+01	-1.3453e+01	-8.6115e+04
	2063	-4.1284e+02	7.5698e+02	1.2513e+00	1.0107e+01	1.3631e+02	1.1792e+04
558	1943	3.5812e+02	-1.2412e+03	-2.0499e+00	-1.3079e+01	1.2296e+02	-1.6699e+05
	2062	-3.5812e+02	1.2412e+03	2.0499e+00	1.3079e+01	1.0586e+01	8.6126e+04
559	2061	-6.1390e+02	1.5718e+03	-1.8680e+00	-1.2281e+01	1.9507e+02	-1.0635e+05
	1943	6.1390e+02	-1.5718e+03	1.8680e+00	1.2281e+01	-1.2300e+02	1.6699e+05
560	2060	-4.3370e+02	1.1802e+03	1.9505e+00	-5.5040e+00	-2.3826e+00	1.3280e+04
	2061	4.3370e+02	-1.1802e+03	-1.9505e+00	5.5040e+00	-1.9538e+02	1.0638e+05
561	2058	-2.2959e+02	7.9542e+02	-1.0940e+00	-5.7158e+00	1.0857e+02	9.3503e+04
	2060	2.2959e+02	-7.9542e+02	1.0940e+00	5.7158e+00	1.8169e+00	-1.3244e+04
562	2057	-5.6966e+01	3.8919e+02	1.2937e+00	6.7971e+00	-2.1907e+01	1.3273e+05
	2058	5.6966e+01	-3.8919e+02	-1.2937e+00	-6.7971e+00	-1.0857e+02	-9.3475e+04
563	2055	-2.4511e+01	-3.7592e+01	-9.2732e-03	4.6015e+00	-2.1511e+01	1.2883e+05
	2057	2.4511e+01	3.7592e+01	9.2732e-03	-4.6015e+00	2.2470e+01	-1.3272e+05
564	2054	-5.7041e+01	-4.6584e+02	-8.3382e-02	1.8844e+00	-1.3587e+01	8.2848e+04
	2055	5.7041e+01	4.6584e+02	8.3382e-02	-1.8844e+00	2.1819e+01	-1.2884e+05
565	2052	-2.0561e+02	-8.7606e+02	2.0530e+00	3.9961e-01	-2.2037e+02	-5.3085e+03
	2054	2.0561e+02	8.7606e+02	-2.0530e+00	-3.9961e-01	1.3711e+01	-8.2878e+04
566	2051	4.3902e+02	8.8959e+02	1.5811e+00	-1.1114e+01	-8.5997e+01	-7.7261e+04
	1953	-4.3902e+02	-8.8959e+02	-1.5811e+00	1.1114e+01	-4.9762e+01	1.5365e+05
567	2050	2.8154e+02	4.8579e+02	-4.1510e+00	-1.6830e+01	3.3713e+02	-2.7845e+04
	2051	-2.8154e+02	-4.8579e+02	4.1510e+00	1.6830e+01	8.5063e+01	7.7254e+04
568	1966	7.3754e+01	1.0817e+02	3.1657e+00	7.8627e+00	2.5317e+02	-2.4967e+04
	2050	-7.3754e+01	-1.0817e+02	-3.1657e+00	-7.8627e+00	-3.3746e+02	2.7847e+04
569	2049	-2.5343e+02	2.1253e+02	1.1996e+00	2.6413e+01	-1.7873e+02	3.1665e+04
	1974	2.5343e+02	-2.1253e+02	-1.1996e+00	-2.6413e+01	0.0000e+00	0.0000e+00
570	2047	4.5088e+01	-4.2619e+01	-1.8096e+00	-6.4920e+00	-2.8249e+00	2.7478e+04
	2049	-4.5088e+01	4.2619e+01	1.8096e+00	6.4920e+00	1.8056e+02	-3.1664e+04
571	2046	2.6493e+02	-3.6887e+02	1.8571e+00	-6.7438e+00	-1.8891e+02	-9.6168e+03
	2047	-2.6493e+02	3.6887e+02	-1.8571e+00	6.7438e+00	2.1556e+00	-2.7478e+04
572	2045	4.7094e+02	-7.0344e+02	-1.7411e+00	-1.1716e+01	-1.7722e+01	-7.8683e+04
	2046	-4.7094e+02	7.0344e+02	1.7411e+00	1.1716e+01	1.8867e+02	9.6163e+03
573	1942	4.1492e+02	-1.1674e+03	-2.4550e+00	-1.5680e+01	1.4561e+02	-1.5473e+05
	2045	-4.1492e+02	1.1674e+03	2.4550e+00	1.5680e+01	1.4335e+01	7.8679e+04
574	2044	-4.9022e+02	1.4513e+03	-2.3600e+00	-1.4736e+01	2.3671e+02	-9.8742e+04
	1942	4.9022e+02	-1.4513e+03	2.3600e+00	1.4736e+01	-1.4566e+02	1.5473e+05

575	2043	-3.2538e+02	1.0920e+03	4.4835e+00	-6.5126e+00	-2.1749e+02	1.1983e+04
	2044	3.2538e+02	-1.0920e+03	-4.4835e+00	6.5126e+00	-2.3708e+02	9.8730e+04
576	2041	-1.3806e+02	7.3418e+02	-6.7206e+00	-2.8356e+01	4.6239e+02	8.6076e+04
	2043	1.3806e+02	-7.3418e+02	6.7206e+00	2.8356e+01	2.1574e+02	-1.1996e+04
577	2040	-4.7427e+01	3.5270e+02	7.4645e+00	2.3014e+01	-2.9014e+02	1.2166e+05
	2041	4.7427e+01	-3.5270e+02	-7.4645e+00	-2.3014e+01	-4.6273e+02	-8.6086e+04
578	2038	-1.8069e+01	-3.6704e+01	-4.0578e+00	-5.7373e+00	1.2904e+02	1.1786e+05
	2040	1.8069e+01	3.6704e+01	4.0578e+00	5.7373e+00	2.9099e+02	-1.2166e+05
579	2037	-5.2258e+01	-4.2678e+02	2.4364e+00	7.4706e+00	-1.1153e+02	7.5722e+04
	2038	5.2258e+01	4.2678e+02	-2.4364e+00	-7.4706e+00	-1.2901e+02	-1.1786e+05
580	2035	-1.8790e+02	-8.0061e+02	9.9337e-01	-4.6711e+00	-2.1168e+02	-4.8812e+03
	2037	1.8790e+02	8.0061e+02	-9.9337e-01	4.6711e+00	1.1169e+02	-7.5710e+04
581	2034	4.0098e+02	8.1251e+02	3.8319e+00	-1.3212e+01	-2.7537e+02	-7.0631e+04
	1952	-4.0098e+02	-8.1251e+02	-3.8319e+00	1.3212e+01	-5.3664e+01	1.4040e+05
582	2033	2.5756e+02	4.4442e+02	-8.5456e+00	-3.1564e+01	5.9531e+02	-2.5431e+04
	2034	-2.5756e+02	-4.4442e+02	8.5456e+00	3.1564e+01	2.7387e+02	7.0633e+04
583	1967	6.8312e+01	1.0019e+02	5.6175e+00	1.2043e+01	4.4645e+02	-2.2762e+04
	2033	-6.8312e+01	-1.0019e+02	-5.6175e+00	-1.2043e+01	-5.9603e+02	2.5429e+04
584	2032	-2.7794e+02	2.0838e+02	1.6680e+00	3.2749e+01	-2.4852e+02	3.1046e+04
	1973	2.7794e+02	-2.0838e+02	-1.6680e+00	-3.2749e+01	0.0000e+00	0.0000e+00
585	2030	2.0231e+01	-4.2254e+01	-3.1625e+00	-1.2938e+01	6.0278e+01	2.6893e+04
	2032	-2.0231e+01	4.2254e+01	3.1625e+00	1.2938e+01	2.5033e+02	-3.1043e+04
586	2029	2.4024e+02	-3.6600e+02	2.9138e+00	-6.7914e+00	-2.3174e+02	-9.9132e+03
	2030	-2.4024e+02	3.6600e+02	-2.9138e+00	6.7914e+00	-6.1276e+01	-2.6892e+04
587	2028	4.4633e+02	-6.9992e+02	-2.1372e+00	-1.2892e+01	-2.1640e+01	-7.8634e+04
	2029	-4.4633e+02	6.9992e+02	2.1372e+00	1.2892e+01	2.3148e+02	9.9127e+03
588	1941	3.9191e+02	-1.1580e+03	-2.8593e+00	-1.7774e+01	1.6844e+02	-1.5407e+05
	2028	-3.9191e+02	1.1580e+03	2.8593e+00	1.7774e+01	1.7849e+01	7.8631e+04
589	2027	-5.0824e+02	1.4464e+03	-2.8554e+00	-1.6684e+01	2.7866e+02	-9.8268e+04
	1941	5.0824e+02	-1.4464e+03	2.8554e+00	1.6684e+01	-1.6850e+02	1.5407e+05
590	2026	-3.4356e+02	1.0878e+03	6.1567e+00	-7.0033e+00	-3.4514e+02	1.2021e+04
	2027	3.4356e+02	-1.0878e+03	-6.1567e+00	7.0033e+00	-2.7907e+02	9.8264e+04
591	2024	-1.5657e+02	7.3181e+02	-9.9026e+00	-4.1684e+01	6.5651e+02	8.5866e+04
	2026	1.5657e+02	-7.3181e+02	9.9026e+00	4.1684e+01	3.4268e+02	-1.2025e+04
592	2023	-5.9659e+01	3.5270e+02	1.1228e+01	3.1365e+01	-4.7528e+02	1.2144e+05
	2024	5.9659e+01	-3.5270e+02	-1.1228e+01	-3.1365e+01	-6.5715e+02	-8.5867e+04
593	2021	-3.0240e+01	-3.5492e+01	-7.2696e+00	-1.5701e+01	2.7643e+02	1.1777e+05
	2023	3.0240e+01	3.5492e+01	7.2696e+00	1.5701e+01	4.7605e+02	-1.2144e+05
594	2020	-5.2183e+01	-4.2616e+02	4.8571e+00	1.3629e+01	-2.0297e+02	7.5691e+04
	2021	5.2183e+01	4.2616e+02	-4.8571e+00	-1.3629e+01	-2.7658e+02	-1.1777e+05
595	2018	-1.8776e+02	-8.0001e+02	1.3315e-01	-8.4671e+00	-2.1665e+02	-4.8430e+03
	2020	1.8776e+02	8.0001e+02	-1.3315e-01	8.4671e+00	2.0325e+02	-7.5688e+04
596	2017	4.0067e+02	8.1189e+02	5.9600e+00	-1.3248e+01	-4.3979e+02	-7.0560e+04
	1951	-4.0067e+02	-8.1189e+02	-5.9600e+00	1.3248e+01	-7.1977e+01	1.4027e+05
597	2016	2.5722e+02	4.4383e+02	-1.2120e+01	-4.2576e+01	7.9478e+02	-2.5418e+04
	2017	-2.5722e+02	-4.4383e+02	1.2120e+01	4.2576e+01	4.3792e+02	7.0560e+04
598	1968	6.7926e+01	9.9625e+01	7.5061e+00	1.5644e+01	5.9590e+02	-2.2763e+04
	2016	-6.7926e+01	-9.9625e+01	-7.5061e+00	-1.5644e+01	-7.9576e+02	2.5416e+04
599	2015	-8.3657e+02	1.7467e+02	2.3805e+00	4.1389e+01	-3.5468e+02	2.6024e+04
	1972	8.3657e+02	-1.7467e+02	-2.3805e+00	-4.1389e+01	0.0000e+00	0.0000e+00
600	2013	-4.9261e+02	-2.3538e+01	-5.5056e+00	-2.3724e+01	1.8443e+02	2.3721e+04
	2015	4.9261e+02	2.3538e+01	5.5056e+00	2.3724e+01	3.5630e+02	-2.6033e+04
601	2012	-2.3070e+02	-3.4931e+02	5.0198e+00	-4.9996e+00	-3.1891e+02	-1.1401e+04
	2013	2.3070e+02	3.4931e+02	-5.0198e+00	4.9996e+00	-1.8588e+02	-2.3726e+04
602	2011	-4.6779e+01	-7.2096e+02	-2.9045e+00	-1.3469e+01	-3.3491e+01	-8.2188e+04

	2012	4.6779e+01	7.2096e+02	2.9045e+00	1.3469e+01	3.1867e+02	1.1401e+04
603	1940	-6.9894e+01	-1.1200e+03	-4.0063e+00	-2.1221e+01	2.3181e+02	-1.5517e+05
	2011	6.9894e+01	1.1200e+03	4.0063e+00	2.1221e+01	2.9202e+01	8.2205e+04
604	2010	-9.7019e+02	1.4885e+03	-4.1665e+00	-1.9724e+01	3.9263e+02	-9.7745e+04
	1940	9.7019e+02	-1.4885e+03	4.1665e+00	1.9724e+01	-2.3188e+02	1.5517e+05
605	2009	-8.8400e+02	1.0992e+03	9.8282e+00	-5.7616e+00	-6.0343e+02	1.3653e+04
	2010	8.8400e+02	-1.0992e+03	-9.8282e+00	5.7616e+00	-3.9302e+02	9.7796e+04
606	2007	-6.8048e+02	7.3342e+02	-1.6182e+01	-6.6428e+01	1.0330e+03	8.7601e+04
	2009	6.8048e+02	-7.3342e+02	1.6182e+01	6.6428e+01	5.9979e+02	-1.3597e+04
607	2006	-6.5316e+02	3.5683e+02	1.9473e+01	4.7944e+01	-9.2999e+02	1.2355e+05
	2007	6.5316e+02	-3.5683e+02	-1.9473e+01	-4.7944e+01	-1.0340e+03	-8.7558e+04
608	2004	-6.2139e+02	-3.8194e+01	-1.6048e+01	-4.4087e+01	7.3096e+02	1.1958e+05
	2006	6.2139e+02	3.8194e+01	1.6048e+01	4.4087e+01	9.3018e+02	-1.2353e+05
609	2003	-6.3790e+02	-4.3204e+02	1.2213e+01	3.4138e+01	-4.7425e+02	7.6946e+04
	2004	6.3790e+02	4.3204e+02	-1.2213e+01	-3.4138e+01	-7.3153e+02	-1.1960e+05
610	2001	-7.8560e+02	-8.0599e+02	-2.4780e+00	-1.7503e+01	-2.2571e+02	-4.1412e+03
	2003	7.8560e+02	8.0599e+02	2.4780e+00	1.7503e+01	4.7515e+02	-7.6992e+04
611	2000	5.8606e+00	8.5686e+02	1.0804e+01	-1.1045e+01	-7.9457e+02	-7.1436e+04
	1950	-5.8606e+00	-8.5686e+02	-1.0804e+01	1.1045e+01	-1.3312e+02	1.4501e+05
612	1999	7.7722e+01	4.2368e+02	-1.9449e+01	-6.3861e+01	1.1860e+03	-2.8335e+04
	2000	-7.7722e+01	-4.2368e+02	1.9449e+01	6.3861e+01	7.9209e+02	7.1428e+04
613	1969	-1.4941e+02	3.8619e+01	1.1205e+01	2.3021e+01	8.8918e+02	-2.7315e+04
	1999	1.4941e+02	-3.8619e+01	-1.1205e+01	-2.3021e+01	-1.1875e+03	2.8343e+04
614	1982	4.2498e+02	1.9526e+02	4.1288e+00	4.5598e+01	-6.1516e+02	2.9092e+04
	1971	-4.2498e+02	-1.9526e+02	-4.1288e+00	-4.5598e+01	0.0000e+00	0.0000e+00
615	1984	6.5427e+02	-4.7536e+01	-1.1193e+01	-6.6826e+01	4.8614e+02	2.4418e+04
	1982	-6.5427e+02	4.7536e+01	1.1193e+01	6.6826e+01	6.1320e+02	-2.9086e+04
616	1985	7.7079e+02	-2.9214e+02	1.2275e+01	-1.7449e+01	-7.4395e+02	-4.9635e+03
	1984	-7.7079e+02	2.9214e+02	-1.2275e+01	1.7449e+01	-4.9040e+02	-2.4414e+04
617	1986	9.8245e+02	-4.8160e+02	-9.1218e+00	-3.7360e+01	1.5233e+02	-5.2249e+04
	1985	-9.8245e+02	4.8160e+02	9.1218e+00	3.7360e+01	7.4327e+02	4.9633e+03
618	1938	9.0750e+02	-9.1218e+02	9.9613e-01	8.6854e-01	9.1950e+01	-1.1166e+05
	1986	-9.0750e+02	9.1218e+02	-9.9613e-01	-8.6854e-01	-1.5685e+02	5.2234e+04
619	1998	2.4341e+02	1.0042e+03	1.2926e+00	1.4535e+00	4.2074e+01	-7.2920e+04
	1938	-2.4341e+02	-1.0042e+03	-1.2926e+00	-1.4535e+00	-9.1943e+01	1.1166e+05
620	1997	4.0860e+02	7.8994e+02	5.0635e+00	2.8273e+00	-4.7138e+02	7.2158e+03
	1998	-4.0860e+02	-7.8994e+02	-5.0635e+00	-2.8273e+00	-4.1994e+01	7.2874e+04
621	1995	5.2812e+02	5.3095e+02	-1.5184e+01	-4.4601e+01	1.0628e+03	6.0843e+04
	1997	-5.2812e+02	-5.3095e+02	1.5184e+01	4.4601e+01	4.6927e+02	-7.2691e+03
622	1994	5.6155e+02	2.5047e+02	2.4081e+01	7.2801e+01	-1.3675e+03	8.6144e+04
	1995	-5.6155e+02	-2.5047e+02	-2.4081e+01	-7.2801e+01	-1.0613e+03	-6.0882e+04
623	1992	5.8037e+02	-2.4159e+01	-2.8213e+01	-6.2540e+01	1.5524e+03	8.3656e+04
	1994	-5.8037e+02	2.4159e+01	2.8213e+01	6.2540e+01	1.3680e+03	-8.6156e+04
624	1991	3.3828e+02	-3.1410e+02	3.0574e+01	1.0444e+02	-1.4685e+03	5.2624e+04
	1992	-3.3828e+02	3.1410e+02	-3.0574e+01	-1.0444e+02	-1.5501e+03	-8.3636e+04
625	1989	2.5240e+02	-5.6117e+02	-2.4047e+01	-5.5453e+01	9.4956e+02	-3.9100e+03
	1991	-2.5240e+02	5.6117e+02	2.4047e+01	5.5453e+01	1.4711e+03	-5.2579e+04
626	1988	4.3768e+02	5.5878e+02	-8.8531e+00	-6.1193e+01	1.5698e+02	-4.9942e+04
	1939	-4.3768e+02	-5.5878e+02	8.8531e+00	6.1193e+01	6.0320e+02	9.7922e+04
627	1987	1.9183e+02	3.3100e+02	-5.2998e+00	-5.0675e+01	6.9976e+02	-1.6284e+04
	1988	-1.9183e+02	-3.3100e+02	5.2998e+00	5.0675e+01	-1.6071e+02	4.9950e+04
628	1970	9.2709e+01	1.3597e+02	6.8055e+00	6.1948e-01	5.2038e+02	-1.2657e+04
	1987	-9.2709e+01	-1.3597e+02	-6.8055e+00	-6.1948e-01	-7.0159e+02	1.6278e+04
629	1910	0.0000e+00	-1.8483e+02	0.0000e+00	-3.2263e-01	0.0000e+00	-1.2744e+04
	28	0.0000e+00	1.8483e+02	0.0000e+00	3.2263e-01	0.0000e+00	-2.1819e+04

630	1905	0.0000e+00	-1.3465e+02	0.0000e+00	7.6746e+01	0.0000e+00	-8.1325e+03
	33	0.0000e+00	1.3465e+02	0.0000e+00	-7.6746e+01	0.0000e+00	-1.7047e+04
631	1915	0.0000e+00	-1.3293e+02	0.0000e+00	-4.6528e+01	0.0000e+00	-8.0066e+03
	23	0.0000e+00	1.3293e+02	0.0000e+00	4.6528e+01	0.0000e+00	-1.6851e+04
632	1894	2.0585e+02	4.1775e+02	2.1327e+00	-2.4996e+01	-2.8247e+02	5.1384e+04
	1981	-2.0585e+02	-4.1775e+02	-2.1327e+00	2.4996e+01	2.0147e+01	-5.8208e-11
633	1895	-7.4296e+02	-3.6750e+02	2.1398e+00	-7.3156e+00	-2.6910e+02	-4.5203e+04
	1980	7.4296e+02	3.6750e+02	-2.1398e+00	7.3156e+00	5.8966e+00	0.0000e+00
634	1896	-3.7337e+02	-4.1939e+01	1.2650e+00	-1.2835e+00	-1.5663e+02	-5.1585e+03
	1979	3.7337e+02	4.1939e+01	-1.2650e+00	1.2835e+00	1.0345e+00	7.2760e-12
635	1897	-3.1684e+02	2.2042e+01	7.2860e-01	3.4724e+00	-8.6819e+01	2.7112e+03
	1978	3.1684e+02	-2.2042e+01	-7.2860e-01	-3.4724e+00	-2.7989e+00	0.0000e+00
636	1898	-4.4255e+02	-8.3025e+01	1.9295e-01	7.5108e+00	-1.7679e+01	-1.0212e+04
	1977	4.4255e+02	8.3025e+01	-1.9295e-01	-7.5108e+00	-6.0540e+00	0.0000e+00
637	1899	-2.3855e+02	1.0025e+02	-2.6928e-01	1.1907e+01	4.2719e+01	1.2331e+04
	1976	2.3855e+02	-1.0025e+02	2.6928e-01	-1.1907e+01	-9.5972e+00	1.4552e-11
638	1900	-4.3238e+02	-7.1539e+01	-7.1453e-01	1.6183e+01	1.0093e+02	-8.7993e+03
	1975	4.3238e+02	7.1539e+01	7.1453e-01	-1.6183e+01	-1.3044e+01	-2.9104e-11
639	1901	-3.3069e+02	6.4290e+00	-1.1996e+00	2.0564e+01	1.6413e+02	7.9077e+02
	1974	3.3069e+02	-6.4290e+00	1.1996e+00	-2.0564e+01	-1.6576e+01	0.0000e+00
640	1902	-3.4717e+02	-1.2188e+01	-1.6680e+00	2.5497e+01	2.2572e+02	-1.4991e+03
	1973	3.4717e+02	1.2188e+01	1.6680e+00	-2.5497e+01	-2.0552e+01	-1.4552e-11
641	1903	-7.6094e+02	-3.8900e+02	-2.3805e+00	3.2224e+01	3.1878e+02	-4.7847e+04
	1972	7.6094e+02	3.8900e+02	2.3805e+00	-3.2224e+01	-2.5974e+01	0.0000e+00
642	1904	2.0834e+02	4.1872e+02	-4.1288e+00	3.5501e+01	5.3646e+02	5.1503e+04
	1971	-2.0834e+02	-4.1872e+02	4.1288e+00	-3.5501e+01	-2.8615e+01	-5.8208e-11
2422	55	-9.9920e-16	-2.6357e+00	-5.5511e-17	-8.3882e+01	-7.1054e-15	-4.4231e+02
	56	9.9920e-16	2.6357e+00	5.5511e-17	8.3882e+01	-9.9476e-14	-6.1198e+02
2423	54	-6.6613e-16	5.5560e-01	-4.1633e-16	-1.6744e+01	-3.1974e-14	1.1313e+02
	55	6.6613e-16	-5.5560e-01	4.1633e-16	1.6744e+01	6.2172e-14	1.3133e+02
2424	53	-1.9984e-15	-2.0690e-01	2.0262e-15	1.9012e+00	-3.5527e-14	-6.1688e+01
	54	1.9984e-15	2.0690e-01	-2.0262e-15	-1.9012e+00	-1.0303e-13	3.7557e+00
2425	52	1.1102e-15	-7.5819e-02	3.7817e-16	4.1857e+00	-5.6843e-14	5.0696e+00
	53	-1.1102e-15	7.5819e-02	-3.7817e-16	-4.1857e+00	3.1974e-14	-3.8430e+01
2426	51	8.8818e-16	3.3264e-01	1.0061e-16	3.7380e+01	1.2434e-14	4.6925e+01
	52	-8.8818e-16	-3.3264e-01	-1.0061e-16	-3.7380e+01	4.4409e-16	6.9500e+01
2427	50	1.9984e-15	-2.1034e-01	-1.7347e-16	-3.7014e+01	1.3323e-15	-4.7695e+01
	51	-1.9984e-15	2.1034e-01	1.7347e-16	3.7014e+01	-5.3291e-15	-2.5925e+01
2428	49	-4.4409e-16	1.5209e-01	-4.2674e-16	-5.1501e+00	8.7041e-14	5.4841e+01
	50	4.4409e-16	-1.5209e-01	4.2674e-16	5.1501e+00	6.1284e-14	1.2079e+01
2429	48	8.8818e-16	3.9122e-01	-1.5821e-15	4.7267e-02	3.1974e-14	2.2162e+01
	49	-8.8818e-16	-3.9122e-01	1.5821e-15	-4.7267e-02	-3.5527e-14	8.7380e+01
2430	47	2.2204e-16	-4.7813e-01	-1.5266e-16	1.5269e+01	1.2434e-14	-1.1388e+02
	48	-2.2204e-16	4.7813e-01	1.5266e-16	-1.5269e+01	-1.0658e-14	-9.6495e+01
2431	35	1.1102e-16	2.7504e+00	2.0817e-16	8.5582e+01	7.1054e-14	6.3594e+02
	47	-1.1102e-16	-2.7504e+00	-2.0817e-16	-8.5582e+01	-2.1316e-14	4.6423e+02
2432	45	-1.7764e-15	-3.5657e+00	-2.2204e-16	2.6734e+01	2.8422e-14	-5.8590e+02
	46	1.7764e-15	3.5657e+00	2.2204e-16	-2.6734e+01	-6.3949e-14	-8.4039e+02
2433	44	-8.8818e-16	2.1073e+00	-3.4694e-16	2.6399e+01	-4.6185e-14	4.7202e+02
	45	8.8818e-16	-2.1073e+00	3.4694e-16	-2.6399e+01	4.2633e-14	4.5519e+02
2434	43	-3.5527e-15	3.5047e-01	1.0547e-15	5.9593e+00	5.6843e-14	-4.1074e+01
	44	3.5527e-15	-3.5047e-01	-1.0547e-15	-5.9593e+00	-1.4211e-14	1.3921e+02
2435	42	-8.8818e-16	-3.6515e-01	3.7123e-16	-2.0125e+00	-5.6843e-14	-2.2133e+01
	43	8.8818e-16	3.6515e-01	-3.7123e-16	2.0125e+00	3.2863e-14	-1.3853e+02
2436	65	8.8818e-16	-6.1495e-01	-2.2204e-16	-6.9974e+01	2.8422e-14	-2.9860e+01

	66	-8.8818e-16	6.1495e-01	2.2204e-16	6.9974e+01	-6.3949e-14	-2.1612e+02
2437	64	0.0000e+00	1.7472e+00	-3.0531e-16	-3.9689e+01	-5.6843e-14	4.0864e+02
	65	0.0000e+00	-1.7472e+00	3.0531e-16	3.9689e+01	3.7303e-14	3.6012e+02
2438	63	-8.8818e-16	-9.6197e-04	2.0817e-15	-6.9805e+00	-4.2633e-14	-8.3640e+01
	64	8.8818e-16	9.6197e-04	-2.0817e-15	6.9805e+00	-1.1013e-13	8.3371e+01
2439	62	0.0000e+00	-2.5283e-01	2.7756e-16	-3.6028e+00	-3.6415e-14	1.7853e-01
	63	0.0000e+00	2.5283e-01	-2.7756e-16	3.6028e+00	5.2403e-14	-1.1142e+02
2440	61	-3.5527e-15	-6.4955e-01	1.7000e-16	1.3441e+00	1.7764e-15	-1.4401e+02
	62	3.5527e-15	6.4955e-01	-1.7000e-16	-1.3441e+00	-1.0214e-14	-8.3335e+01
2441	41	-1.7764e-15	9.2269e-01	-5.8981e-17	-1.0782e+01	4.2633e-14	1.3494e+02
	42	1.7764e-15	-9.2269e-01	5.8981e-17	1.0782e+01	3.3307e-14	1.8800e+02
2442	40	-1.7764e-15	-7.7608e-01	-1.0061e-16	1.0747e+01	-1.1546e-14	-1.6137e+02
	41	1.7764e-15	7.7608e-01	1.0061e-16	-1.0747e+01	-1.8652e-14	-1.1025e+02
2443	39	-8.8818e-16	3.5794e-01	-3.8164e-16	2.4105e-01	7.9936e-14	1.3573e+02
	40	8.8818e-16	-3.5794e-01	3.8164e-16	-2.4105e-01	5.5067e-14	2.1761e+01
2444	38	-1.7764e-15	1.0135e-01	-1.5821e-15	-3.7750e+00	4.2633e-14	-7.5400e+01
	39	1.7764e-15	-1.0135e-01	1.5821e-15	3.7750e+00	-2.4869e-14	1.0378e+02
2445	37	0.0000e+00	-2.1875e+00	-2.7756e-16	-2.9508e+01	3.1974e-14	-4.7183e+02
	38	0.0000e+00	2.1875e+00	2.7756e-16	2.9508e+01	1.0658e-14	-4.9067e+02
2446	34	0.0000e+00	3.7686e+00	3.1919e-16	-2.5541e+01	4.9738e-14	8.8091e+02
	37	0.0000e+00	-3.7686e+00	-3.1919e-16	2.5541e+01	-4.2633e-14	6.2651e+02
2447	60	-2.6645e-15	8.0480e-01	1.1796e-16	-2.2048e+00	-4.7073e-14	1.1093e+02
	61	2.6645e-15	-8.0480e-01	-1.1796e-16	2.2048e+00	-5.5067e-14	1.7075e+02
2448	59	8.8818e-16	3.4508e-01	-4.3368e-16	3.3212e+00	8.8818e-14	1.3140e+02
	60	-8.8818e-16	-3.4508e-01	4.3368e-16	-3.3212e+00	6.4837e-14	2.0436e+01
2449	58	-8.8818e-16	2.4899e-01	-9.7145e-16	5.6656e+00	-3.5527e-14	-4.8352e+01
	59	8.8818e-16	-2.4899e-01	9.7145e-16	-5.6656e+00	-1.0303e-13	1.1807e+02
2450	57	-8.8818e-16	-1.6739e+00	-3.7470e-16	4.0706e+01	4.9738e-14	-3.4337e+02
	58	8.8818e-16	1.6739e+00	3.7470e-16	-4.0706e+01	2.8422e-14	-3.9315e+02
2451	36	-8.8818e-16	7.5168e-01	3.1919e-16	6.9669e+01	5.3291e-14	2.4480e+02
	57	8.8818e-16	-7.5168e-01	-3.1919e-16	-6.9669e+01	-4.2633e-14	5.5868e+01
2452	56	-1.1369e-13	-3.9601e+01	1.0408e-17	-1.3622e+02	-2.6645e-15	-9.3306e+03
	46	1.1369e-13	3.9601e+01	-1.0408e-17	1.3622e+02	2.6645e-15	-7.9352e+03
2453	66	-8.5265e-14	5.3509e+01	-4.1633e-17	1.1945e+02	3.5527e-15	6.7784e+03
	56	8.5265e-14	-5.3509e+01	4.1633e-17	-1.1945e+02	7.1054e-15	9.4883e+03
2454	55	7.8160e-14	-4.1261e+01	8.6736e-18	-1.8023e+01	1.7764e-15	-9.9675e+03
	45	-7.8160e-14	4.1261e+01	-8.6736e-18	1.8023e+01	1.9984e-15	-8.0224e+03
2455	65	-2.0606e-13	6.4008e+01	2.0817e-17	8.6284e+01	3.5527e-15	8.4238e+03
	55	2.0606e-13	-6.4008e+01	-2.0817e-17	-8.6284e+01	1.7764e-15	1.1035e+04
2456	54	-3.1974e-14	-4.5981e+01	-1.0408e-17	3.5664e+01	2.6645e-15	-1.1114e+04
	44	3.1974e-14	4.5981e+01	1.0408e-17	-3.5664e+01	1.9984e-15	-8.9335e+03
2457	64	1.1369e-13	7.2519e+01	-4.1633e-17	-6.0376e+01	3.5527e-15	9.6276e+03
	54	-1.1369e-13	-7.2519e+01	4.1633e-17	6.0376e+01	7.1054e-15	1.2418e+04
2458	53	1.1902e-13	-4.6689e+01	-5.2042e-18	-7.6341e+01	0.0000e+00	-1.1276e+04
	43	-1.1902e-13	4.6689e+01	5.2042e-18	7.6341e+01	-1.1102e-15	-9.0807e+03
2459	63	3.1974e-14	7.3233e+01	1.3878e-17	8.1703e+01	-4.4409e-15	9.7139e+03
	53	-3.1974e-14	-7.3233e+01	-1.3878e-17	-8.1703e+01	-1.7764e-15	1.2549e+04
2460	52	1.0658e-14	-4.6236e+01	1.0408e-17	3.5391e+01	-4.4409e-15	-1.1160e+04
	42	-1.0658e-14	4.6236e+01	-1.0408e-17	-3.5391e+01	1.9984e-15	-8.9988e+03
2461	62	-8.8818e-15	7.1923e+01	5.5511e-17	-6.7999e+01	-2.6645e-15	9.4843e+03
	52	8.8818e-15	-7.1923e+01	-5.5511e-17	6.7999e+01	-3.5527e-15	1.2380e+04
2462	51	4.0297e-15	-4.6067e+01	-6.9389e-18	-1.7663e+00	-8.8818e-16	-1.1019e+04
	41	-4.0297e-15	4.6067e+01	6.9389e-18	1.7663e+00	-4.4409e-16	-9.0668e+03
2463	61	4.6616e-14	6.7558e+01	-6.9389e-18	-1.3834e+00	3.5527e-15	8.7085e+03
	51	-4.6616e-14	-6.7558e+01	6.9389e-18	1.3834e+00	3.5527e-15	1.1829e+04

2464	50	2.3981e-14	-4.6337e+01	1.0408e-17	-3.7550e+01	8.8818e-16	-1.1181e+04
	40	-2.3981e-14	4.6337e+01	-1.0408e-17	3.7550e+01	1.1102e-15	-9.0218e+03
2465	60	7.1054e-15	7.1922e+01	-4.8572e-17	6.5144e+01	1.7764e-15	9.4803e+03
	50	-7.1054e-15	-7.1922e+01	4.8572e-17	-6.5144e+01	5.3291e-15	1.2384e+04
2466	49	-9.0594e-14	-4.6710e+01	6.9389e-18	7.1593e+01	-8.8818e-16	-1.1277e+04
	39	9.0594e-14	4.6710e+01	-6.9389e-18	-7.1593e+01	-1.9984e-15	-9.0883e+03
2467	59	-5.3291e-14	7.3114e+01	1.3878e-17	-8.4772e+01	-4.4409e-15	9.6948e+03
	49	5.3291e-14	-7.3114e+01	-1.3878e-17	8.4772e+01	-1.7764e-15	1.2532e+04
2468	48	3.9080e-14	-4.6228e+01	-1.7347e-18	-3.9558e+01	-2.6645e-15	-1.1165e+04
	38	-3.9080e-14	4.6228e+01	1.7347e-18	3.9558e+01	-1.9984e-15	-8.9899e+03
2469	58	-1.6342e-13	7.2466e+01	1.3878e-17	5.6797e+01	-4.4409e-15	9.6102e+03
	48	1.6342e-13	-7.2466e+01	-1.3878e-17	-5.6797e+01	0.0000e+00	1.2419e+04
2470	47	-8.8818e-14	-4.1225e+01	5.2042e-18	1.5976e+01	1.7764e-15	-9.9525e+03
	37	8.8818e-14	4.1225e+01	-5.2042e-18	-1.5976e+01	1.9984e-15	-8.0217e+03
2471	57	-2.1316e-13	6.3625e+01	-1.3878e-17	-9.0842e+01	0.0000e+00	8.3662e+03
	47	2.1316e-13	-6.3625e+01	1.3878e-17	9.0842e+01	1.7764e-15	1.0976e+04
2472	35	-8.5265e-14	-3.9793e+01	1.0408e-17	1.3120e+02	8.8818e-16	-9.3642e+03
	34	8.5265e-14	3.9793e+01	-1.0408e-17	-1.3120e+02	1.1102e-15	-7.9857e+03
2473	36	4.9738e-14	5.3096e+01	-4.8572e-17	-1.2527e+02	-6.2172e-15	6.7089e+03
	35	-4.9738e-14	-5.3096e+01	4.8572e-17	1.2527e+02	-5.3291e-15	9.4322e+03
2474	33	-1.6658e+03	-3.4992e+01	-6.9621e+00	1.2331e+00	2.5875e+03	-7.9534e+03
	66	1.6658e+03	3.4992e+01	6.9621e+00	-1.2331e+00	3.5750e+02	-6.8483e+03
2475	22	-9.0473e+01	-1.7474e+00	-5.5783e+00	1.2331e+00	2.0033e+03	-4.9761e+02
	56	9.0473e+01	1.7474e+00	5.5783e+00	-1.2331e+00	3.5631e+02	-2.4155e+02
2476	21	-1.0846e+02	-4.1117e+00	-6.4702e-01	1.2331e+00	6.7013e+01	-7.3929e+02
	55	1.0846e+02	4.1117e+00	6.4702e-01	-1.2331e+00	2.0667e+02	-9.9997e+02
2477	32	-2.5595e+03	-4.3479e+01	1.4573e+00	1.2331e+00	-3.8843e+02	-9.9980e+03
	65	2.5595e+03	4.3479e+01	-1.4573e+00	-1.2331e+00	-2.2801e+02	-8.3935e+03
2478	20	-1.1774e+02	-5.4943e+00	5.2060e-01	1.2331e+00	-1.9936e+02	-1.0389e+03
	54	1.1774e+02	5.4943e+00	-5.2060e-01	-1.2331e+00	-2.0850e+01	-1.2852e+03
2479	19	-1.2005e+02	-5.4538e+00	-2.5805e-01	1.2331e+00	1.6708e+02	-1.0360e+03
	53	1.2005e+02	5.4538e+00	2.5805e-01	-1.2331e+00	-5.7926e+01	-1.2709e+03
2480	8	-2.7361e+03	5.2208e+01	-3.6911e+00	1.2331e+00	1.3102e+03	1.3011e+04
	43	2.7361e+03	-5.2208e+01	3.6911e+00	-1.2331e+00	2.5118e+02	9.0727e+03
2481	9	-2.6836e+03	5.1234e+01	5.6305e+00	1.2331e+00	-1.7292e+03	1.2759e+04
	44	2.6836e+03	-5.1234e+01	-5.6305e+00	-1.2331e+00	-6.5248e+02	8.9131e+03
2482	10	-2.7384e+03	4.5958e+01	-4.5972e-01	1.2331e+00	5.2494e+01	1.1418e+04
	45	2.7384e+03	-4.5958e+01	4.5972e-01	-1.2331e+00	1.4197e+02	8.0221e+03
2483	11	-1.9815e+03	4.6525e+01	-1.2116e+01	1.2331e+00	4.1618e+03	1.1718e+04
	46	1.9815e+03	-4.6525e+01	1.2116e+01	-1.2331e+00	9.6343e+02	7.9620e+03
2484	31	-2.4358e+03	-5.0476e+01	4.9051e+00	1.2331e+00	-1.5340e+03	-1.1756e+04
	64	2.4358e+03	5.0476e+01	-4.9051e+00	-1.2331e+00	-5.4088e+02	-9.5949e+03
2485	30	-2.4409e+03	-5.1135e+01	-3.6582e+00	1.2331e+00	1.2613e+03	-1.1920e+04
	63	2.4409e+03	5.1135e+01	3.6582e+00	-1.2331e+00	2.8615e+02	-9.7106e+03
2486	18	-1.1857e+02	-5.0452e+00	2.1261e-01	1.2331e+00	-1.1876e+02	-9.4690e+02
	52	1.1857e+02	5.0452e+00	-2.1261e-01	-1.2331e+00	2.8821e+01	-1.1872e+03
2487	6	-2.7222e+03	5.2708e+01	1.4606e-01	1.2331e+00	-3.5668e+01	1.3207e+04
	41	2.7222e+03	-5.2708e+01	-1.4606e-01	-1.2331e+00	-2.6113e+01	9.0884e+03
2488	29	-2.6799e+03	-4.9361e+01	1.0270e+00	1.2331e+00	-4.5573e+02	-1.1400e+04
	62	2.6799e+03	4.9361e+01	-1.0270e+00	-1.2331e+00	2.1320e+01	-9.4794e+03
2489	17	-1.1308e+02	-4.1011e+00	1.2102e-01	1.2331e+00	-2.9807e+01	-8.4966e+02
	51	1.1308e+02	4.1011e+00	-1.2102e-01	-1.2331e+00	-2.1383e+01	-8.8512e+02
2490	7	-2.9214e+03	5.1678e+01	2.4815e+00	1.2331e+00	-8.4440e+02	1.2870e+04
	42	2.9214e+03	-5.1678e+01	-2.4815e+00	-1.2331e+00	-2.0527e+02	8.9900e+03
2491	5	-2.9305e+03	5.1799e+01	-2.3061e+00	1.2331e+00	8.0069e+02	1.2900e+04

	40	2.9305e+03	-5.1799e+01	2.3061e+00	-1.2331e+00	1.7480e+02	9.0113e+03
2492	28	-2.3852e+03	-4.3945e+01	1.4117e-01	1.2331e+00	-3.5748e+01	-9.8768e+03
	61	2.3852e+03	4.3945e+01	-1.4117e-01	-1.2331e+00	-2.3968e+01	-8.7120e+03
2493	16	-1.1862e+02	-4.9730e+00	1.3263e-02	1.2331e+00	6.1467e+01	-9.3265e+02
	50	1.1862e+02	4.9730e+00	-1.3263e-02	-1.2331e+00	-6.7077e+01	-1.1709e+03
2494	27	-2.6806e+03	-4.9333e+01	-7.6671e-01	1.2331e+00	3.8809e+02	-1.1393e+04
	60	2.6806e+03	4.9333e+01	7.6671e-01	-1.2331e+00	-6.3773e+01	-9.4748e+03
2495	4	-2.7238e+03	5.2290e+01	4.0247e+00	1.2331e+00	-1.3901e+03	1.3034e+04
	39	2.7238e+03	-5.2290e+01	-4.0247e+00	-1.2331e+00	-3.1234e+02	9.0843e+03
2496	15	-1.2006e+02	-5.3479e+00	5.0489e-01	1.2331e+00	-2.2771e+02	-1.0125e+03
	49	1.2006e+02	5.3479e+00	-5.0489e-01	-1.2331e+00	1.4143e+01	-1.2496e+03
2497	26	-2.4400e+03	-5.1040e+01	3.9399e+00	1.2331e+00	-1.3327e+03	-1.1897e+04
	59	2.4400e+03	5.1040e+01	-3.9399e+00	-1.2331e+00	-3.3386e+02	-9.6924e+03
2498	3	-2.7070e+03	5.1516e+01	-5.3811e+00	1.2331e+00	1.6706e+03	1.2827e+04
	38	2.7070e+03	-5.1516e+01	5.3811e+00	-1.2331e+00	6.0558e+02	8.9641e+03
2499	14	-1.1782e+02	-5.2848e+00	-2.7667e-01	1.2331e+00	1.3905e+02	-9.9667e+02
	48	1.1782e+02	5.2848e+00	2.7667e-01	-1.2331e+00	-2.2022e+01	-1.2388e+03
2500	25	-2.4375e+03	-5.0361e+01	-4.6481e+00	1.2331e+00	1.4682e+03	-1.1728e+04
	58	2.4375e+03	5.0361e+01	4.6481e+00	-1.2331e+00	4.9795e+02	-9.5752e+03
2501	2	-2.7215e+03	4.5986e+01	6.1476e-01	1.2331e+00	-9.1464e+01	1.1426e+04
	37	2.7215e+03	-4.5986e+01	-6.1476e-01	-1.2331e+00	-1.6858e+02	8.0257e+03
2502	13	-1.0808e+02	-3.8808e+00	8.6832e-01	1.2331e+00	-1.2377e+02	-6.8842e+02
	47	1.0808e+02	3.8808e+00	-8.6832e-01	-1.2331e+00	-2.4353e+02	-9.5317e+02
2503	24	-2.5526e+03	-4.3185e+01	-1.2424e+00	1.2331e+00	3.3015e+02	-9.9300e+03
	57	2.5526e+03	4.3185e+01	1.2424e+00	-1.2331e+00	1.9540e+02	-8.3372e+03
2504	1	-1.9882e+03	4.6797e+01	1.2454e+01	1.2331e+00	-4.2522e+03	1.1784e+04
	34	1.9882e+03	-4.6797e+01	-1.2454e+01	-1.2331e+00	-1.0160e+03	8.0112e+03
2505	12	-9.0139e+01	-1.3215e+00	5.7484e+00	1.2331e+00	-2.0521e+03	-4.0548e+02
	35	9.0139e+01	1.3215e+00	-5.7484e+00	-1.2331e+00	-3.7947e+02	-1.5353e+02
2506	23	-1.6580e+03	-3.4629e+01	7.0825e+00	1.2331e+00	-2.6276e+03	-7.8693e+03
	36	1.6580e+03	3.4629e+01	-7.0825e+00	-1.2331e+00	-3.6835e+02	-6.7786e+03
654	1906	0.0000e+00	2.1827e+02	0.0000e+00	-4.0181e+03	0.0000e+00	1.4448e+04
	1905	0.0000e+00	1.8240e+02	0.0000e+00	8.1325e+03	0.0000e+00	7.6746e+01
655	1907	0.0000e+00	1.4834e+02	0.0000e+00	-1.0687e+03	0.0000e+00	7.8505e+03
	1906	0.0000e+00	1.9243e+02	0.0000e+00	4.0181e+03	0.0000e+00	-1.4448e+04
656	1908	0.0000e+00	1.2585e+02	0.0000e+00	5.0667e+02	0.0000e+00	8.2158e+03
	1907	0.0000e+00	1.2431e+02	0.0000e+00	1.0687e+03	0.0000e+00	-7.8505e+03
657	1909	0.0000e+00	1.4714e+02	0.0000e+00	3.2598e+03	0.0000e+00	8.3343e+03
	1908	0.0000e+00	1.4469e+02	0.0000e+00	-5.0667e+02	0.0000e+00	-8.2158e+03
658	1910	0.0000e+00	2.2204e+02	0.0000e+00	6.3641e+03	0.0000e+00	1.5343e+04
	1909	0.0000e+00	1.5291e+02	0.0000e+00	-3.2598e+03	0.0000e+00	-8.3343e+03
659	1911	0.0000e+00	1.5269e+02	0.0000e+00	-3.2775e+03	0.0000e+00	8.3115e+03
	1910	0.0000e+00	2.2203e+02	0.0000e+00	6.3797e+03	0.0000e+00	-1.5343e+04
660	1912	0.0000e+00	1.4495e+02	0.0000e+00	-5.3375e+02	0.0000e+00	8.2537e+03
	1911	0.0000e+00	1.4693e+02	0.0000e+00	3.2775e+03	0.0000e+00	-8.3115e+03
661	1913	0.0000e+00	1.2375e+02	0.0000e+00	1.0301e+03	0.0000e+00	7.7842e+03
	1912	0.0000e+00	1.2619e+02	0.0000e+00	5.3375e+02	0.0000e+00	-8.2537e+03
662	1914	0.0000e+00	1.9447e+02	0.0000e+00	3.9471e+03	0.0000e+00	1.4627e+04
	1913	0.0000e+00	1.4808e+02	0.0000e+00	-1.0301e+03	0.0000e+00	-7.7842e+03
663	1915	0.0000e+00	1.8636e+02	0.0000e+00	8.0066e+03	0.0000e+00	-4.6528e+01
	1914	0.0000e+00	2.2139e+02	0.0000e+00	-3.9471e+03	0.0000e+00	-1.4627e+04
664	1895	0.0000e+00	3.4104e+02	0.0000e+00	4.0283e+04	0.0000e+00	3.7072e+04
	1894	0.0000e+00	-1.7186e+02	0.0000e+00	-5.3143e+04	0.0000e+00	2.1629e+03
665	1896	0.0000e+00	2.3976e+02	0.0000e+00	-4.0181e+03	0.0000e+00	1.0968e+04
	1895	0.0000e+00	4.4116e+02	0.0000e+00	-1.7169e+02	0.0000e+00	-3.6757e+04

666	1897	0.0000e+00	1.7248e+02	0.0000e+00	-5.4120e+03	0.0000e+00	1.0271e+04
	1896	0.0000e+00	1.8627e+02	0.0000e+00	1.9953e+03	0.0000e+00	-1.1155e+04
667	1898	0.0000e+00	2.5022e+02	0.0000e+00	-1.1397e+03	0.0000e+00	1.7927e+04
	1897	0.0000e+00	1.9698e+02	0.0000e+00	-4.2989e+03	0.0000e+00	-9.9612e+03
668	1899	0.0000e+00	1.4477e+02	0.0000e+00	-9.6849e+03	0.0000e+00	5.1316e+03
	1898	0.0000e+00	2.4358e+02	0.0000e+00	4.4847e+03	0.0000e+00	-1.8075e+04
669	1900	0.0000e+00	2.3801e+02	0.0000e+00	3.7608e+03	0.0000e+00	1.7475e+04
	1899	0.0000e+00	1.4470e+02	0.0000e+00	-9.0666e+03	0.0000e+00	-5.1787e+03
670	1901	0.0000e+00	2.0294e+02	0.0000e+00	-3.8124e+03	0.0000e+00	1.0859e+04
	1900	0.0000e+00	2.4540e+02	0.0000e+00	-1.7548e+03	0.0000e+00	-1.7406e+04
671	1902	0.0000e+00	1.7199e+02	0.0000e+00	3.8912e+02	0.0000e+00	9.6589e+03
	1901	0.0000e+00	1.8027e+02	0.0000e+00	-3.9601e+03	0.0000e+00	-1.1260e+04
672	1903	0.0000e+00	4.4969e+02	0.0000e+00	1.7513e+03	0.0000e+00	3.7768e+04
	1902	0.0000e+00	2.2751e+02	0.0000e+00	-5.9529e+03	0.0000e+00	-9.5440e+03
673	1904	0.0000e+00	-1.7368e+02	0.0000e+00	-5.3413e+04	0.0000e+00	-2.4322e+03
	1903	0.0000e+00	3.5086e+02	0.0000e+00	4.0881e+04	0.0000e+00	-3.8128e+04

SFORZI "V+x" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-8.6168e+01	3.5788e-19	6.3554e-19	8.7305e-02	0.0000e+00	0.0000e+00
	1923	8.6168e+01	-3.5788e-19	-6.3554e-19	-8.7305e-02	0.0000e+00	0.0000e+00
2	1916	-1.2875e+02	0.0000e+00	0.0000e+00	-3.1285e-01	0.0000e+00	0.0000e+00
	1921	1.2875e+02	0.0000e+00	0.0000e+00	3.1285e-01	0.0000e+00	0.0000e+00
3	2085	-9.7228e+01	-1.4510e-18	5.1772e-19	1.4269e-01	0.0000e+00	0.0000e+00
	1918	9.7228e+01	1.4510e-18	-5.1772e-19	-1.4269e-01	0.0000e+00	0.0000e+00
4	2008	3.0074e+02	2.0232e-17	1.2786e-18	1.8190e-01	0.0000e+00	0.0000e+00
	2079	-3.0074e+02	-2.0232e-17	-1.2786e-18	-1.8190e-01	0.0000e+00	0.0000e+00
5	1919	3.7065e+02	4.1333e-18	3.8247e-19	-5.1519e-01	0.0000e+00	0.0000e+00
	2056	-3.7065e+02	-4.1333e-18	-3.8247e-19	5.1519e-01	0.0000e+00	0.0000e+00
6	2098	2.4239e+02	-3.0852e-18	-3.2134e-18	-1.6698e-01	0.0000e+00	0.0000e+00
	1937	-2.4239e+02	3.0852e-18	3.2134e-18	1.6698e-01	0.0000e+00	0.0000e+00
7	2042	3.7158e+01	-4.2863e-18	-3.3789e-22	5.6304e-01	0.0000e+00	0.0000e+00
	2107	-3.7158e+01	4.2863e-18	3.3789e-22	-5.6304e-01	0.0000e+00	0.0000e+00
8	1925	7.6726e+01	3.3312e-18	7.1478e-21	5.8450e-01	0.0000e+00	0.0000e+00
	2008	-7.6726e+01	-3.3312e-18	-7.1478e-21	-5.8450e-01	0.0000e+00	0.0000e+00
9	2109	9.0644e+00	2.4740e-17	-7.9192e-19	7.2510e-01	0.0000e+00	0.0000e+00
	2123	-9.0644e+00	-2.4740e-17	7.9192e-19	-7.2510e-01	0.0000e+00	0.0000e+00
10	2084	4.6346e+01	2.8468e-18	7.0841e-21	6.1811e-01	0.0000e+00	0.0000e+00
	2106	-4.6346e+01	-2.8468e-18	-7.0841e-21	-6.1811e-01	0.0000e+00	0.0000e+00
11	2083	-6.7184e+01	-9.9059e-18	1.0016e-18	6.6949e-01	0.0000e+00	0.0000e+00
	2078	6.7184e+01	9.9059e-18	-1.0016e-18	-6.6949e-01	0.0000e+00	0.0000e+00
12	2058	6.0683e+01	-2.2812e-18	2.3081e-19	6.9941e-01	0.0000e+00	0.0000e+00
	2077	-6.0683e+01	2.2812e-18	-2.3081e-19	-6.9941e-01	0.0000e+00	0.0000e+00
13	2041	-3.6591e+01	2.5846e-18	1.1601e-21	5.9617e-01	0.0000e+00	0.0000e+00
	2055	3.6591e+01	-2.5846e-18	-1.1601e-21	-5.9617e-01	0.0000e+00	0.0000e+00
14	2024	-1.9127e+01	2.8338e-17	-1.1260e-18	7.1839e-01	0.0000e+00	0.0000e+00
	2038	1.9127e+01	-2.8338e-17	1.1260e-18	-7.1839e-01	0.0000e+00	0.0000e+00
15	2007	-4.5385e+01	1.9779e-18	-1.4818e-20	5.8422e-01	0.0000e+00	0.0000e+00
	2021	4.5385e+01	-1.9779e-18	1.4818e-20	-5.8422e-01	0.0000e+00	0.0000e+00
16	1982	8.5106e+01	7.5797e-19	-1.2106e-18	1.0592e-01	0.0000e+00	0.0000e+00
	2012	-8.5106e+01	-7.5797e-19	1.2106e-18	-1.0592e-01	0.0000e+00	0.0000e+00
17	1985	1.4417e+02	0.0000e+00	0.0000e+00	-4.7220e-01	0.0000e+00	0.0000e+00
	2010	-1.4417e+02	0.0000e+00	0.0000e+00	4.7220e-01	0.0000e+00	0.0000e+00
18	1998	9.5635e+01	-1.2344e-18	-4.2878e-20	-1.2197e-01	0.0000e+00	0.0000e+00
	2007	-9.5635e+01	1.2344e-18	4.2878e-20	1.2197e-01	0.0000e+00	0.0000e+00

19	1995	-5.6705e+01	2.0797e-18	-2.5735e-19	4.9722e-01	0.0000e+00	0.0000e+00
	2004	5.6705e+01	-2.0797e-18	2.5735e-19	-4.9722e-01	0.0000e+00	0.0000e+00
20	1992	-3.0263e+02	-2.6219e-18	-1.1572e-18	4.2263e-01	0.0000e+00	0.0000e+00
	2001	3.0263e+02	2.6219e-18	1.1572e-18	-4.2263e-01	0.0000e+00	0.0000e+00
21	1989	-3.5571e+02	3.0221e-18	1.7882e-18	-2.9093e-01	0.0000e+00	0.0000e+00
	2000	3.5571e+02	-3.0221e-18	-1.7882e-18	2.9093e-01	0.0000e+00	0.0000e+00
22	1988	-2.4829e+02	-5.3226e-19	5.0934e-19	-1.4053e-01	0.0000e+00	0.0000e+00
	1928	2.4829e+02	5.3226e-19	-5.0934e-19	1.4053e-01	0.0000e+00	0.0000e+00
643	1905	3.0668e+01	8.2416e-14	2.8927e-15	8.0598e+01	0.0000e+00	0.0000e+00
	1960	-3.0668e+01	-8.2416e-14	-2.8927e-15	-8.0598e+01	0.0000e+00	0.0000e+00
644	1906	2.6375e+02	1.0072e-13	2.7203e-15	2.6543e+01	0.0000e+00	0.0000e+00
	1961	-2.6375e+02	-1.0072e-13	-2.7203e-15	-2.6543e+01	0.0000e+00	0.0000e+00
645	1907	1.7509e+02	1.0322e-13	2.3287e-15	1.4385e+01	0.0000e+00	0.0000e+00
	1962	-1.7509e+02	-1.0322e-13	-2.3287e-15	-1.4385e+01	0.0000e+00	0.0000e+00
646	1908	1.7374e+02	1.0498e-13	2.0550e-15	7.4815e+00	0.0000e+00	0.0000e+00
	1963	-1.7374e+02	-1.0498e-13	-2.0550e-15	-7.4815e+00	0.0000e+00	0.0000e+00
647	1909	1.9269e+02	1.1189e-13	1.5997e-15	-2.5486e+00	0.0000e+00	0.0000e+00
	1964	-1.9269e+02	-1.1189e-13	-1.5997e-15	2.5486e+00	0.0000e+00	0.0000e+00
648	1910	1.6649e+02	1.0408e-13	1.2325e-15	-1.0516e+01	0.0000e+00	0.0000e+00
	1965	-1.6649e+02	-1.0408e-13	-1.2325e-15	1.0516e+01	0.0000e+00	0.0000e+00
649	1911	1.9242e+02	1.1223e-13	8.7187e-16	-1.9264e+01	0.0000e+00	0.0000e+00
	1966	-1.9242e+02	-1.1223e-13	-8.7187e-16	1.9264e+01	0.0000e+00	0.0000e+00
650	1912	1.7413e+02	1.0454e-13	4.4274e-16	-3.2008e+01	0.0000e+00	0.0000e+00
	1967	-1.7413e+02	-1.0454e-13	-4.4274e-16	3.2008e+01	0.0000e+00	0.0000e+00
651	1913	1.7456e+02	1.0396e-13	1.9988e-16	-4.2258e+01	0.0000e+00	0.0000e+00
	1968	-1.7456e+02	-1.0396e-13	-1.9988e-16	4.2258e+01	0.0000e+00	0.0000e+00
652	1914	2.6706e+02	9.9867e-14	-1.1539e-16	-6.2813e+01	0.0000e+00	0.0000e+00
	1969	-2.6706e+02	-9.9867e-14	1.1539e-16	6.2813e+01	0.0000e+00	0.0000e+00
653	1915	3.4312e+01	8.2204e-14	-2.7207e-16	-2.2850e+01	0.0000e+00	0.0000e+00
	1970	-3.4312e+01	-8.2204e-14	2.7207e-16	2.2850e+01	0.0000e+00	0.0000e+00
237	2116	-8.8700e+01	5.0808e+02	-7.5364e+00	-2.9799e+01	5.1330e+02	5.3808e+04
	2079	8.8700e+01	-5.0808e+02	7.5364e+00	2.9799e+01	2.4099e+02	-2.9563e+03
238	1959	-5.9072e+00	6.4249e+02	1.5334e+01	1.2068e+00	3.0773e+02	6.2483e+04
	2116	5.9072e+00	-6.4249e+02	-1.5334e+01	-1.2068e+00	-5.1416e+02	-5.3833e+04
239	2110	3.4767e+02	7.5931e+02	6.0674e+00	1.5466e+01	-1.4934e+02	7.9187e+04
	1919	-3.4767e+02	-7.5931e+02	-6.0674e+00	-1.5466e+01	-4.5793e+02	-3.1906e+03
240	1958	5.0202e+02	1.0099e+03	1.2523e+00	6.4326e+00	-1.6686e+02	9.2758e+04
	2110	-5.0202e+02	-1.0099e+03	-1.2523e+00	-6.4326e+00	1.5000e+02	-7.9161e+04
241	2121	2.4520e+02	7.3950e+02	4.0352e+00	1.2338e+01	-9.8491e+01	7.7095e+04
	2120	-2.4520e+02	-7.3950e+02	-4.0352e+00	-1.2338e+01	-3.0538e+02	-3.0817e+03
242	1957	3.8294e+02	9.5734e+02	8.0624e-01	6.3765e+00	-1.0991e+02	8.9985e+04
	2121	-3.8294e+02	-9.5734e+02	-8.0624e-01	-6.3765e+00	9.9055e+01	-7.7097e+04
243	2104	2.4563e+02	7.4079e+02	3.1610e+00	1.1191e+01	-7.5578e+01	7.7324e+04
	2103	-2.4563e+02	-7.4079e+02	-3.1610e+00	-1.1191e+01	-2.4079e+02	-3.1805e+03
244	1956	3.8344e+02	9.5861e+02	5.1733e-01	6.6138e+00	-8.3080e+01	9.0235e+04
	2104	-3.8344e+02	-9.5861e+02	-5.1733e-01	-6.6138e+00	7.6115e+01	-7.7330e+04
245	2074	2.6883e+02	8.1074e+02	2.4010e+00	1.0795e+01	-5.3588e+01	8.4504e+04
	2072	-2.6883e+02	-8.1074e+02	-2.4010e+00	-1.0795e+01	-1.8672e+02	-3.3599e+03
246	1955	4.1991e+02	1.0498e+03	3.5115e-02	7.5443e+00	-5.4614e+01	9.8621e+04
	2074	-4.1991e+02	-1.0498e+03	-3.5115e-02	-7.5443e+00	5.4141e+01	-8.4488e+04
247	2073	2.3941e+02	7.2204e+02	1.9420e+00	1.1125e+01	-4.3739e+01	7.5590e+04
	2071	-2.3941e+02	-7.2204e+02	-1.9420e+00	-1.1125e+01	-1.5063e+02	-3.3240e+03
248	1954	3.7351e+02	9.3377e+02	-4.5200e-01	8.4672e+00	-3.8245e+01	8.8182e+04
	2073	-3.7351e+02	-9.3377e+02	4.5200e-01	-8.4672e+00	4.4330e+01	-7.5611e+04
249	2053	2.6890e+02	8.1098e+02	1.8728e+00	1.2415e+01	-4.6464e+01	8.4553e+04

	2052	-2.6890e+02	-8.1098e+02	-1.8728e+00	-1.2415e+01	-1.4098e+02	-3.3851e+03
250	1953	4.2000e+02	1.0500e+03	-1.1728e+00	9.5903e+00	-3.1339e+01	9.8672e+04
	2053	-4.2000e+02	-1.0500e+03	1.1728e+00	-9.5903e+00	4.7128e+01	-8.4536e+04
251	2036	2.4553e+02	7.4048e+02	2.0136e+00	1.5158e+01	-6.6404e+01	7.7256e+04
	2035	-2.4553e+02	-7.4048e+02	-2.0136e+00	-1.5158e+01	-1.3513e+02	-3.1439e+03
252	1952	3.8332e+02	9.5830e+02	-2.4855e+00	1.1127e+01	-3.3736e+01	9.0163e+04
	2036	-3.8332e+02	-9.5830e+02	2.4855e+00	-1.1127e+01	6.7197e+01	-7.7262e+04
253	2019	2.4540e+02	7.4010e+02	2.3368e+00	1.7872e+01	-9.5789e+01	7.7186e+04
	2018	-2.4540e+02	-7.4010e+02	-2.3368e+00	-1.7872e+01	-1.3809e+02	-3.1123e+03
254	1951	3.8317e+02	9.5793e+02	-3.8053e+00	1.2064e+01	-4.5463e+01	9.0084e+04
	2019	-3.8317e+02	-9.5793e+02	3.8053e+00	-1.2064e+01	9.6693e+01	-7.7188e+04
255	2002	5.0789e+02	7.6870e+02	3.1895e+00	2.4359e+01	-1.7589e+02	7.9559e+04
	2001	-5.0789e+02	-7.6870e+02	-3.1895e+00	-2.4359e+01	-1.4333e+02	-2.6222e+03
256	1950	6.6251e+02	1.0097e+03	-6.8570e+00	1.3708e+01	-8.4726e+01	9.3126e+04
	2002	-6.6251e+02	-1.0097e+03	6.8570e+00	-1.3708e+01	1.7704e+02	-7.9533e+04
257	1990	7.2990e+01	5.1641e+02	-1.0736e+01	-1.8997e+01	4.6400e+02	5.4231e+04
	1989	-7.2990e+01	-5.1641e+02	1.0736e+01	1.8997e+01	6.1054e+02	-2.5457e+03
258	1939	1.5599e+02	6.4105e+02	5.5746e+00	9.0162e+00	3.8925e+02	6.2886e+04
	1990	-1.5599e+02	-6.4105e+02	-5.5746e+00	-9.0162e+00	-4.6430e+02	-5.4255e+04
259	36	1.0993e+03	6.4372e-14	-1.1090e-01	-1.1328e-02	1.1090e+00	0.0000e+00
	1939	-1.0993e+03	-6.4372e-14	1.1090e-01	1.1328e-02	0.0000e+00	0.0000e+00
260	2110	-2.2870e+01	1.4000e+02	3.2374e-16	-2.4341e+01	0.0000e+00	0.0000e+00
	2116	2.2870e+01	1.4000e+02	-3.2374e-16	2.4341e+01	0.0000e+00	0.0000e+00
261	2121	-1.8055e+01	1.5400e+02	5.8292e-17	1.3299e+00	0.0000e+00	0.0000e+00
	2110	1.8055e+01	1.5400e+02	-5.8292e-17	-1.3299e+00	0.0000e+00	0.0000e+00
262	2104	-1.4826e+01	9.8000e+01	0.0000e+00	-3.5205e-01	0.0000e+00	0.0000e+00
	2121	1.4826e+01	9.8000e+01	0.0000e+00	3.5205e-01	0.0000e+00	0.0000e+00
263	2074	-1.2182e+01	1.5400e+02	-4.1251e-17	-6.3457e+00	0.0000e+00	0.0000e+00
	2104	1.2182e+01	1.5400e+02	4.1251e-17	6.3457e+00	0.0000e+00	0.0000e+00
264	2073	-9.8165e+00	1.2250e+02	3.2202e-16	1.0300e+01	0.0000e+00	0.0000e+00
	2074	9.8165e+00	1.2250e+02	-3.2202e-16	-1.0300e+01	0.0000e+00	0.0000e+00
265	2053	-7.4225e+00	1.2250e+02	-1.8896e-16	-1.0354e+01	0.0000e+00	0.0000e+00
	2073	7.4225e+00	1.2250e+02	1.8896e-16	1.0354e+01	0.0000e+00	0.0000e+00
266	2036	-4.3769e+00	1.5400e+02	-9.2350e-17	6.4478e+00	0.0000e+00	0.0000e+00
	2053	4.3769e+00	1.5400e+02	9.2350e-17	-6.4478e+00	0.0000e+00	0.0000e+00
267	2019	1.2213e-01	9.8000e+01	-4.2476e-17	1.2890e-01	0.0000e+00	0.0000e+00
	2036	-1.2213e-01	9.8000e+01	4.2476e-17	-1.2890e-01	0.0000e+00	0.0000e+00
268	2002	6.2642e+00	1.5400e+02	0.0000e+00	-1.1906e+00	0.0000e+00	0.0000e+00
	2019	-6.2642e+00	1.5400e+02	0.0000e+00	1.1906e+00	0.0000e+00	0.0000e+00
269	1990	1.6311e+01	1.4000e+02	-5.1924e-16	2.4348e+01	0.0000e+00	0.0000e+00
	2002	-1.6311e+01	1.4000e+02	5.1924e-16	-2.4348e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-2.1828e+01	0.0000e+00	1.2076e+03	0.0000e+00	-6.4881e+03
	1894	0.0000e+00	2.1828e+01	0.0000e+00	-1.2076e+03	0.0000e+00	-1.1300e+03
271	11	0.0000e+00	-5.3433e+00	0.0000e+00	2.3871e+02	0.0000e+00	-1.8059e+03
	77	0.0000e+00	5.3433e+00	0.0000e+00	-2.3871e+02	0.0000e+00	1.5655e+03
272	67	0.0000e+00	-2.2264e+01	0.0000e+00	-1.2174e+03	0.0000e+00	-6.5431e+03
	1904	0.0000e+00	2.2264e+01	0.0000e+00	1.2174e+03	0.0000e+00	-1.2270e+03
273	1	0.0000e+00	-5.3771e+00	0.0000e+00	-2.3894e+02	0.0000e+00	-1.8211e+03
	67	0.0000e+00	5.3771e+00	0.0000e+00	2.3894e+02	0.0000e+00	1.5792e+03
274	72	0.0000e+00	-3.2697e+01	0.0000e+00	-2.8272e+00	0.0000e+00	-7.2877e+03
	1899	0.0000e+00	3.2697e+01	0.0000e+00	2.8272e+00	0.0000e+00	-4.1235e+03
275	6	0.0000e+00	2.9972e+00	0.0000e+00	1.0441e+00	0.0000e+00	-1.4514e+03
	72	0.0000e+00	-2.9972e+00	0.0000e+00	-1.0441e+00	0.0000e+00	1.5863e+03
276	76	0.0000e+00	-2.5199e+01	0.0000e+00	2.9410e+01	0.0000e+00	-5.5248e+03
	1895	0.0000e+00	2.5199e+01	0.0000e+00	-2.9410e+01	0.0000e+00	-3.2696e+03

277	10	0.0000e+00	-1.2855e+00	0.0000e+00	1.5281e+01	0.0000e+00	-1.2077e+03
	76	0.0000e+00	1.2855e+00	0.0000e+00	-1.5281e+01	0.0000e+00	1.1499e+03
278	75	0.0000e+00	-3.3821e+01	0.0000e+00	-2.2109e+02	0.0000e+00	-7.1918e+03
	1896	0.0000e+00	3.3821e+01	0.0000e+00	2.2109e+02	0.0000e+00	-4.6118e+03
279	9	0.0000e+00	3.4606e+00	0.0000e+00	1.9470e+02	0.0000e+00	-1.4330e+03
	75	0.0000e+00	-3.4606e+00	0.0000e+00	-1.9470e+02	0.0000e+00	1.5888e+03
280	74	0.0000e+00	-3.3794e+01	0.0000e+00	1.4332e+02	0.0000e+00	-7.2988e+03
	1897	0.0000e+00	3.3794e+01	0.0000e+00	-1.4332e+02	0.0000e+00	-4.4952e+03
281	8	0.0000e+00	3.5653e+00	0.0000e+00	-1.4457e+02	0.0000e+00	-1.4490e+03
	74	0.0000e+00	-3.5653e+00	0.0000e+00	1.4457e+02	0.0000e+00	1.6095e+03
282	73	0.0000e+00	-3.2913e+01	0.0000e+00	-1.0647e+02	0.0000e+00	-7.0766e+03
	1898	0.0000e+00	3.2913e+01	0.0000e+00	1.0647e+02	0.0000e+00	-4.4100e+03
283	7	0.0000e+00	7.7283e-01	0.0000e+00	9.4889e+01	0.0000e+00	-1.4723e+03
	73	0.0000e+00	-7.7283e-01	0.0000e+00	-9.4889e+01	0.0000e+00	1.5071e+03
284	71	0.0000e+00	-3.2766e+01	0.0000e+00	1.0915e+02	0.0000e+00	-7.0726e+03
	1900	0.0000e+00	3.2766e+01	0.0000e+00	-1.0915e+02	0.0000e+00	-4.3627e+03
285	5	0.0000e+00	6.9142e-01	0.0000e+00	-9.4841e+01	0.0000e+00	-1.4745e+03
	71	0.0000e+00	-6.9142e-01	0.0000e+00	9.4841e+01	0.0000e+00	1.5056e+03
286	70	0.0000e+00	-3.3730e+01	0.0000e+00	-1.5225e+02	0.0000e+00	-7.2882e+03
	1901	0.0000e+00	3.3730e+01	0.0000e+00	1.5225e+02	0.0000e+00	-4.4837e+03
287	4	0.0000e+00	3.6694e+00	0.0000e+00	1.4638e+02	0.0000e+00	-1.4428e+03
	70	0.0000e+00	-3.6694e+00	0.0000e+00	-1.4638e+02	0.0000e+00	1.6079e+03
288	69	0.0000e+00	-3.3610e+01	0.0000e+00	2.1873e+02	0.0000e+00	-7.1941e+03
	1902	0.0000e+00	3.3610e+01	0.0000e+00	-2.1873e+02	0.0000e+00	-4.5358e+03
289	3	0.0000e+00	3.2861e+00	0.0000e+00	-1.9494e+02	0.0000e+00	-1.4399e+03
	69	0.0000e+00	-3.2861e+00	0.0000e+00	1.9494e+02	0.0000e+00	1.5878e+03
290	68	0.0000e+00	-2.5437e+01	0.0000e+00	-2.6014e+01	0.0000e+00	-5.5287e+03
	1903	0.0000e+00	2.5437e+01	0.0000e+00	2.6014e+01	0.0000e+00	-3.3487e+03
291	2	0.0000e+00	-1.0964e+00	0.0000e+00	-1.6378e+01	0.0000e+00	-1.2011e+03
	68	0.0000e+00	1.0964e+00	0.0000e+00	1.6378e+01	0.0000e+00	1.1517e+03
292	57	1.6786e+03	7.8459e-14	8.1344e-02	-5.1199e-02	-8.1344e-01	0.0000e+00
	1950	-1.6786e+03	-7.8459e-14	-8.1344e-02	5.1199e-02	0.0000e+00	0.0000e+00
293	34	1.3048e+03	-3.1311e-15	1.9039e-01	6.2754e-04	-2.4750e+00	0.0000e+00
	1938	-1.3048e+03	3.1311e-15	-1.9039e-01	-6.2754e-04	0.0000e+00	0.0000e+00
294	37	1.7704e+03	-1.5286e-15	-1.0291e-01	-3.9817e-02	1.3378e+00	0.0000e+00
	1940	-1.7704e+03	1.5286e-15	1.0291e-01	3.9817e-02	0.0000e+00	0.0000e+00
295	38	1.7696e+03	-2.3290e-15	2.5409e-03	-3.4607e-02	-3.3032e-02	0.0000e+00
	1941	-1.7696e+03	2.3290e-15	-2.5409e-03	3.4607e-02	0.0000e+00	0.0000e+00
296	39	1.7794e+03	-2.4144e-15	6.1031e-02	-3.2150e-02	-7.9341e-01	0.0000e+00
	1942	-1.7794e+03	2.4144e-15	-6.1031e-02	3.2150e-02	0.0000e+00	0.0000e+00
297	40	1.9110e+03	-2.3135e-15	1.1681e-01	-2.9332e-02	-1.5186e+00	0.0000e+00
	1943	-1.9110e+03	2.3135e-15	-1.1681e-01	2.9332e-02	0.0000e+00	0.0000e+00
298	41	1.7789e+03	-2.7424e-15	1.5754e-01	-2.7875e-02	-2.0480e+00	0.0000e+00
	1944	-1.7789e+03	2.7424e-15	-1.5754e-01	2.7875e-02	0.0000e+00	0.0000e+00
299	42	1.9050e+03	-2.2668e-15	1.9850e-01	-2.6983e-02	-2.5805e+00	0.0000e+00
	1945	-1.9050e+03	2.2668e-15	-1.9850e-01	2.6983e-02	0.0000e+00	0.0000e+00
300	43	1.7876e+03	-2.4732e-15	2.3563e-01	-2.6786e-02	-3.0632e+00	0.0000e+00
	1946	-1.7876e+03	2.4732e-15	-2.3563e-01	2.6786e-02	0.0000e+00	0.0000e+00
301	44	1.7541e+03	-2.2096e-15	2.7638e-01	-2.7294e-02	-3.5929e+00	0.0000e+00
	1947	-1.7541e+03	2.2096e-15	-2.7638e-01	2.7294e-02	0.0000e+00	0.0000e+00
302	45	1.7814e+03	-1.5823e-15	3.3401e-01	-2.9425e-02	-4.3421e+00	0.0000e+00
	1948	-1.7814e+03	1.5823e-15	-3.3401e-01	2.9425e-02	0.0000e+00	0.0000e+00
303	46	1.3002e+03	-3.1013e-15	6.5126e-01	1.1080e-02	-8.4663e+00	0.0000e+00
	1949	-1.3002e+03	3.1013e-15	-6.5126e-01	-1.1080e-02	0.0000e+00	0.0000e+00
304	66	1.1045e+03	6.4395e-14	-1.4080e+00	1.4224e-03	1.4080e+01	0.0000e+00

		1959	-1.1045e+03	-6.4395e-14	1.4080e+00	-1.4224e-03	0.0000e+00	0.0000e+00
305	65	1.6833e+03	7.8998e-14	-1.0251e+00	-3.9020e-02	1.0251e+01	0.0000e+00	
		1958	-1.6833e+03	-7.8998e-14	1.0251e+00	3.9020e-02	0.0000e+00	0.0000e+00
306	64	1.6120e+03	8.0794e-14	-7.3919e-01	-3.3365e-02	7.3919e+00	0.0000e+00	
		1957	-1.6120e+03	-8.0794e-14	7.3919e-01	3.3365e-02	0.0000e+00	0.0000e+00
307	63	1.6147e+03	8.2190e-14	-6.0246e-01	-3.2011e-02	6.0246e+00	0.0000e+00	
		1956	-1.6147e+03	-8.2190e-14	6.0246e-01	3.2011e-02	0.0000e+00	0.0000e+00
308	62	1.7675e+03	8.7690e-14	-3.9577e-01	-3.2500e-02	3.9577e+00	0.0000e+00	
		1955	-1.7675e+03	-8.7690e-14	3.9577e-01	3.2500e-02	0.0000e+00	0.0000e+00
309	61	1.5742e+03	8.1632e-14	-2.6705e-01	-3.3912e-02	2.6705e+00	0.0000e+00	
		1954	-1.5742e+03	-8.1632e-14	2.6705e-01	3.3912e-02	0.0000e+00	0.0000e+00
310	60	1.7680e+03	8.7963e-14	-1.5743e-01	-3.6760e-02	1.5743e+00	0.0000e+00	
		1953	-1.7680e+03	-8.7963e-14	1.5743e-01	3.6760e-02	0.0000e+00	0.0000e+00
311	59	1.6140e+03	8.1827e-14	-2.4610e-02	-4.1269e-02	2.4610e-01	0.0000e+00	
		1952	-1.6140e+03	-8.1827e-14	2.4610e-02	4.1269e-02	0.0000e+00	0.0000e+00
312	58	1.6132e+03	8.1371e-14	2.2263e-02	-4.4941e-02	-2.2263e-01	0.0000e+00	
		1951	-1.6132e+03	-8.1371e-14	-2.2263e-02	4.4941e-02	0.0000e+00	0.0000e+00
313	1936	-2.0769e+02	1.4000e+02	2.8675e-16	8.4880e+00	0.0000e+00	0.0000e+00	
	1937	2.0769e+02	1.4000e+02	-2.8675e-16	-8.4880e+00	0.0000e+00	0.0000e+00	0.0000e+00
314	1935	-2.0332e+02	1.5400e+02	8.2505e-17	-2.1107e+00	0.0000e+00	0.0000e+00	
	1936	2.0332e+02	1.5400e+02	-8.2505e-17	2.1107e+00	0.0000e+00	0.0000e+00	0.0000e+00
315	1934	-2.0078e+02	9.8000e+01	0.0000e+00	9.2117e-04	0.0000e+00	0.0000e+00	
	1935	2.0078e+02	9.8000e+01	0.0000e+00	-9.2117e-04	0.0000e+00	0.0000e+00	0.0000e+00
316	1933	-1.9923e+02	1.5400e+02	-3.9884e-17	1.4522e+00	0.0000e+00	0.0000e+00	
	1934	1.9923e+02	1.5400e+02	3.9884e-17	-1.4522e+00	0.0000e+00	0.0000e+00	0.0000e+00
317	1932	-1.9907e+02	1.2250e+02	2.8198e-16	-1.9123e+00	0.0000e+00	0.0000e+00	
	1933	1.9907e+02	1.2250e+02	-2.8198e-16	1.9123e+00	0.0000e+00	0.0000e+00	0.0000e+00
318	1931	-1.9999e+02	1.2250e+02	-1.8917e-16	1.9165e+00	0.0000e+00	0.0000e+00	
	1932	1.9999e+02	1.2250e+02	1.8917e-16	-1.9165e+00	0.0000e+00	0.0000e+00	0.0000e+00
319	1930	-2.0202e+02	1.5400e+02	-8.9644e-17	-1.4610e+00	0.0000e+00	0.0000e+00	
	1931	2.0202e+02	1.5400e+02	8.9644e-17	1.4610e+00	0.0000e+00	0.0000e+00	0.0000e+00
320	1929	-2.0563e+02	9.8000e+01	-4.3718e-17	1.8699e-02	0.0000e+00	0.0000e+00	
	1930	2.0563e+02	9.8000e+01	4.3718e-17	-1.8699e-02	0.0000e+00	0.0000e+00	0.0000e+00
321	1928	-2.1045e+02	1.5400e+02	0.0000e+00	2.4876e+00	0.0000e+00	0.0000e+00	
	1929	2.1045e+02	1.5400e+02	0.0000e+00	-2.4876e+00	0.0000e+00	0.0000e+00	0.0000e+00
322	1927	4.3705e+00	1.4000e+02	-4.5757e-16	-8.5072e+00	0.0000e+00	0.0000e+00	
	1928	-4.3705e+00	1.4000e+02	4.5757e-16	8.5072e+00	0.0000e+00	0.0000e+00	0.0000e+00
323	1937	-1.9168e+02	-1.0569e+02	9.0488e+00	7.4609e-02	-4.6634e-03	8.3387e+00	
	1960	1.9168e+02	1.0569e+02	-9.0488e+00	-7.4609e-02	-6.5333e+02	-7.6396e+03	
324	1936	-1.7509e+02	-2.3617e+02	4.3674e+00	-1.2434e-14	2.0464e-12	-1.0599e+01	
	1961	1.7509e+02	2.3617e+02	-4.3674e+00	1.2434e-14	-3.1533e+02	-1.7041e+04	
325	1935	-1.5008e+02	-2.0243e+02	2.5425e+00	-1.8652e-14	-3.1264e-13	2.1116e+00	
	1962	1.5008e+02	2.0243e+02	-2.5425e+00	1.8652e-14	-1.8357e+02	-1.4618e+04	
326	1934	-1.5008e+02	-2.0243e+02	1.5487e+00	-1.1235e-13	2.7356e-13	1.4513e+00	
	1963	1.5008e+02	2.0243e+02	-1.5487e+00	1.1235e-13	-1.1182e+02	-1.4617e+04	
327	1933	-1.6467e+02	-2.2212e+02	1.5766e-01	-1.8541e-13	3.1797e-13	-3.3645e+00	
	1964	1.6467e+02	2.2212e+02	-1.5766e-01	1.8541e-13	-1.1384e+01	-1.6034e+04	
328	1932	-1.4591e+02	-1.9681e+02	-9.1505e-01	-3.5438e-13	-7.3186e-13	3.8288e+00	
	1965	1.4591e+02	1.9681e+02	9.1505e-01	3.5438e-13	6.6068e+01	-1.4214e+04	
329	1931	-1.6467e+02	-2.2212e+02	-2.0330e+00	9.6811e-14	1.4211e-14	-3.3775e+00	
	1966	1.6467e+02	2.2212e+02	2.0330e+00	-9.6811e-14	1.4678e+02	-1.6034e+04	
330	1930	-1.5008e+02	-2.0243e+02	-3.6075e+00	1.2967e-13	1.1369e-13	1.4797e+00	
	1967	1.5008e+02	2.0243e+02	3.6075e+00	-1.2967e-13	2.6047e+02	-1.4617e+04	
331	1929	-1.5008e+02	-2.0243e+02	-4.8205e+00	1.1724e-13	2.2737e-13	2.4689e+00	
	1968	1.5008e+02	2.0243e+02	4.8205e+00	-1.1724e-13	3.4804e+02	-1.4618e+04	

332	1928	-6.4157e+01	-2.4311e+02	-7.1957e+00	6.2791e-02	-3.9247e-03	-1.1120e+01
	1969	6.4157e+01	2.4311e+02	7.1957e+00	-6.2791e-02	5.1954e+02	-1.7542e+04
333	1927	-8.3378e+01	-1.1246e+02	-4.3705e+00	-6.9278e-14	-2.1316e-13	8.5072e+00
	1970	8.3378e+01	1.1246e+02	4.3705e+00	6.9278e-14	3.1556e+02	-8.1285e+03
334	2089	1.7419e+01	1.2250e+02	-1.9059e-17	-1.2020e+01	0.0000e+00	0.0000e+00
	2090	-1.7419e+01	1.2250e+02	1.9059e-17	1.2020e+01	0.0000e+00	0.0000e+00
335	2083	1.5933e+02	1.2250e+02	2.4774e-17	-1.0633e+01	0.0000e+00	0.0000e+00
	2084	-1.5933e+02	1.2250e+02	-2.4774e-17	1.0633e+01	0.0000e+00	0.0000e+00
336	2081	7.6153e+01	1.2250e+02	2.8759e-17	-3.8695e+00	0.0000e+00	0.0000e+00
	2082	-7.6153e+01	1.2250e+02	-2.8759e-17	3.8695e+00	0.0000e+00	0.0000e+00
337	2055	6.2778e+01	1.2250e+02	-3.2183e-17	-4.8230e+00	0.0000e+00	0.0000e+00
	2077	-6.2778e+01	1.2250e+02	3.2183e-17	4.8230e+00	0.0000e+00	0.0000e+00
338	2077	1.1567e+02	1.2250e+02	2.8268e-17	4.7304e+00	0.0000e+00	0.0000e+00
	2078	-1.1567e+02	1.2250e+02	-2.8268e-17	-4.7304e+00	0.0000e+00	0.0000e+00
339	2075	4.5366e+01	1.2250e+02	3.5338e-17	1.1746e+01	0.0000e+00	0.0000e+00
	2076	-4.5366e+01	1.2250e+02	-3.5338e-17	-1.1746e+01	0.0000e+00	0.0000e+00
340	2071	3.4737e+01	1.2250e+02	5.7880e-17	1.4582e+01	0.0000e+00	0.0000e+00
	2072	-3.4737e+01	1.2250e+02	-5.7880e-17	-1.4582e+01	0.0000e+00	0.0000e+00
341	2087	4.9800e+01	1.2250e+02	8.6331e-18	-1.3871e+01	0.0000e+00	0.0000e+00
	2088	-4.9800e+01	1.2250e+02	-8.6331e-18	1.3871e+01	0.0000e+00	0.0000e+00
342	2090	1.6587e+01	1.5400e+02	1.1115e-17	7.3622e+00	0.0000e+00	0.0000e+00
	2112	-1.6587e+01	1.5400e+02	-1.1115e-17	-7.3622e+00	0.0000e+00	0.0000e+00
343	2088	4.6372e+01	1.5400e+02	-4.4639e-17	8.7369e+00	0.0000e+00	0.0000e+00
	2111	-4.6372e+01	1.5400e+02	4.4639e-17	-8.7369e+00	0.0000e+00	0.0000e+00
344	2084	1.2407e+02	1.5400e+02	-7.7326e-17	6.6411e+00	0.0000e+00	0.0000e+00
	2109	-1.2407e+02	1.5400e+02	7.7326e-17	-6.6411e+00	0.0000e+00	0.0000e+00
345	2082	6.9492e+01	1.5400e+02	-8.4904e-17	2.2944e+00	0.0000e+00	0.0000e+00
	2108	-6.9492e+01	1.5400e+02	8.4904e-17	-2.2944e+00	0.0000e+00	0.0000e+00
346	2078	6.3031e+01	1.5400e+02	-8.3935e-17	-3.1131e+00	0.0000e+00	0.0000e+00
	2106	-6.3031e+01	1.5400e+02	8.3935e-17	3.1131e+00	0.0000e+00	0.0000e+00
347	2076	4.0235e+01	1.5400e+02	-9.8211e-17	-7.4635e+00	0.0000e+00	0.0000e+00
	2105	-4.0235e+01	1.5400e+02	9.8211e-17	7.4635e+00	0.0000e+00	0.0000e+00
348	2072	3.9931e+01	1.5400e+02	-1.4292e-16	-9.1470e+00	0.0000e+00	0.0000e+00
	2103	-3.9931e+01	1.5400e+02	1.4292e-16	9.1470e+00	0.0000e+00	0.0000e+00
349	2103	4.6937e+01	9.8000e+01	0.0000e+00	-5.4779e-01	0.0000e+00	0.0000e+00
	2120	-4.6937e+01	9.8000e+01	0.0000e+00	5.4779e-01	0.0000e+00	0.0000e+00
350	2105	3.3195e+01	9.8000e+01	0.0000e+00	-5.7902e-01	0.0000e+00	0.0000e+00
	2122	-3.3195e+01	9.8000e+01	0.0000e+00	5.7902e-01	0.0000e+00	0.0000e+00
351	2106	1.1255e+02	9.8000e+01	0.0000e+00	-4.4637e-01	0.0000e+00	0.0000e+00
	2123	-1.1255e+02	9.8000e+01	0.0000e+00	4.4637e-01	0.0000e+00	0.0000e+00
352	2108	5.9197e+01	9.8000e+01	0.0000e+00	-9.1247e-02	0.0000e+00	0.0000e+00
	2125	-5.9197e+01	9.8000e+01	0.0000e+00	9.1247e-02	0.0000e+00	0.0000e+00
353	2109	1.2828e+02	9.8000e+01	0.0000e+00	4.1985e-01	0.0000e+00	0.0000e+00
	1925	-1.2828e+02	9.8000e+01	0.0000e+00	-4.1985e-01	0.0000e+00	0.0000e+00
354	2111	3.9745e+01	9.8000e+01	0.0000e+00	6.4812e-01	0.0000e+00	0.0000e+00
	1983	-3.9745e+01	9.8000e+01	0.0000e+00	-6.4812e-01	0.0000e+00	0.0000e+00
355	2112	1.6629e+01	9.8000e+01	0.0000e+00	-1.8854e-02	0.0000e+00	0.0000e+00
	2005	-1.6629e+01	9.8000e+01	0.0000e+00	1.8854e-02	0.0000e+00	0.0000e+00
356	2085	1.0599e+02	1.4000e+02	-9.5702e-17	2.9388e+01	0.0000e+00	0.0000e+00
	1921	-1.0599e+02	1.4000e+02	9.5702e-17	-2.9388e+01	0.0000e+00	0.0000e+00
357	1983	3.0330e+01	1.5400e+02	-8.0231e-17	-2.3648e+00	0.0000e+00	0.0000e+00
	2059	-3.0330e+01	1.5400e+02	8.0231e-17	2.3648e+00	0.0000e+00	0.0000e+00
358	2005	1.7530e+01	1.5400e+02	-9.0590e-17	-2.6732e+00	0.0000e+00	0.0000e+00
	2085	-1.7530e+01	1.5400e+02	9.0590e-17	2.6732e+00	0.0000e+00	0.0000e+00
359	1925	7.4757e+01	1.5400e+02	-7.8831e-17	-1.3751e+00	0.0000e+00	0.0000e+00

	2042	-7.4757e+01	1.5400e+02	7.8831e-17	1.3751e+00	0.0000e+00	0.0000e+00
360	2125	4.3933e+01	1.5400e+02	-8.4295e-17	-1.2119e-01	0.0000e+00	0.0000e+00
	2025	-4.3933e+01	1.5400e+02	8.4295e-17	1.2119e-01	0.0000e+00	0.0000e+00
361	2123	1.3199e+02	1.5400e+02	-9.1020e-17	9.4802e-01	0.0000e+00	0.0000e+00
	2008	-1.3199e+02	1.5400e+02	9.1020e-17	-9.4802e-01	0.0000e+00	0.0000e+00
362	2122	2.2253e+01	1.5400e+02	-9.2648e-17	1.7725e+00	0.0000e+00	0.0000e+00
	1996	-2.2253e+01	1.5400e+02	9.2648e-17	-1.7725e+00	0.0000e+00	0.0000e+00
363	2120	5.6482e+01	1.5400e+02	-8.6411e-17	2.1674e+00	0.0000e+00	0.0000e+00
	1919	-5.6482e+01	1.5400e+02	8.6411e-17	-2.1674e+00	0.0000e+00	0.0000e+00
364	2059	1.8452e+01	1.4000e+02	2.1401e-17	3.4526e+01	0.0000e+00	0.0000e+00
	1920	-1.8452e+01	1.4000e+02	-2.1401e-17	-3.4526e+01	0.0000e+00	0.0000e+00
365	2042	6.2539e+01	1.4000e+02	8.5443e-17	2.5375e+01	0.0000e+00	0.0000e+00
	1918	-6.2539e+01	1.4000e+02	-8.5443e-17	-2.5375e+01	0.0000e+00	0.0000e+00
366	2025	2.1159e+01	1.4000e+02	9.4137e-17	7.7464e+00	0.0000e+00	0.0000e+00
	1917	-2.1159e+01	1.4000e+02	-9.4137e-17	-7.7464e+00	0.0000e+00	0.0000e+00
367	2008	-4.6036e+01	1.4000e+02	8.5855e-17	-1.2747e+01	0.0000e+00	0.0000e+00
	2107	4.6036e+01	1.4000e+02	-8.5855e-17	1.2747e+01	0.0000e+00	0.0000e+00
368	1996	2.4117e+00	1.4000e+02	1.0871e-16	-2.8653e+01	0.0000e+00	0.0000e+00
	2080	-2.4117e+00	1.4000e+02	-1.0871e-16	2.8653e+01	0.0000e+00	0.0000e+00
369	1919	-2.5994e+02	1.4000e+02	1.9404e-16	-3.5064e+01	0.0000e+00	0.0000e+00
	2079	2.5994e+02	1.4000e+02	-1.9404e-16	3.5064e+01	0.0000e+00	0.0000e+00
370	2097	-2.9589e+01	1.4000e+02	3.4700e-16	3.7463e+00	0.0000e+00	0.0000e+00
	2039	2.9589e+01	1.4000e+02	-3.4700e-16	-3.7463e+00	0.0000e+00	0.0000e+00
371	2098	-2.9458e+02	1.4000e+02	3.5806e-16	-5.3909e+00	0.0000e+00	0.0000e+00
	2056	2.9458e+02	1.4000e+02	-3.5806e-16	5.3909e+00	0.0000e+00	0.0000e+00
372	2119	-6.7564e+01	1.5400e+02	-7.4291e-17	-1.4486e-01	0.0000e+00	0.0000e+00
	2098	6.7564e+01	1.5400e+02	7.4291e-17	1.4486e-01	0.0000e+00	0.0000e+00
373	2118	-4.1954e+01	1.5400e+02	-7.8480e-17	-1.0621e+00	0.0000e+00	0.0000e+00
	2097	4.1954e+01	1.5400e+02	7.8480e-17	1.0621e+00	0.0000e+00	0.0000e+00
374	2102	-6.1059e+01	9.8000e+01	0.0000e+00	-1.1007e-01	0.0000e+00	0.0000e+00
	2119	6.1059e+01	9.8000e+01	0.0000e+00	1.1007e-01	0.0000e+00	0.0000e+00
375	2101	-4.9456e+01	9.8000e+01	0.0000e+00	-3.0201e-03	0.0000e+00	0.0000e+00
	2118	4.9456e+01	9.8000e+01	0.0000e+00	3.0201e-03	0.0000e+00	0.0000e+00
376	2070	-5.6619e+01	1.5400e+02	-2.2601e-16	-1.4452e+00	0.0000e+00	0.0000e+00
	2102	5.6619e+01	1.5400e+02	2.2601e-16	1.4452e+00	0.0000e+00	0.0000e+00
377	2068	-5.4326e+01	1.5400e+02	-2.1884e-16	7.6555e-01	0.0000e+00	0.0000e+00
	2101	5.4326e+01	1.5400e+02	2.1884e-16	-7.6555e-01	0.0000e+00	0.0000e+00
378	2069	-5.5152e+01	1.2250e+02	1.0098e-16	2.6454e+00	0.0000e+00	0.0000e+00
	2070	5.5152e+01	1.2250e+02	-1.0098e-16	-2.6454e+00	0.0000e+00	0.0000e+00
379	2067	-5.5519e+01	1.2250e+02	9.8680e-17	-8.0857e-01	0.0000e+00	0.0000e+00
	2068	5.5519e+01	1.2250e+02	-9.8680e-17	8.0857e-01	0.0000e+00	0.0000e+00
380	2022	5.7793e+00	1.4000e+02	-9.4299e-17	-2.8260e+00	0.0000e+00	0.0000e+00
	1926	-5.7793e+00	1.4000e+02	9.4299e-17	2.8260e+00	0.0000e+00	0.0000e+00
381	1993	-5.8329e+00	1.4000e+02	-1.1238e-16	-2.1759e+00	0.0000e+00	0.0000e+00
	1924	5.8329e+00	1.4000e+02	1.1238e-16	2.1759e+00	0.0000e+00	0.0000e+00
382	1916	7.6972e+01	1.4000e+02	-1.3700e-16	-4.6678e-01	0.0000e+00	0.0000e+00
	1923	-7.6972e+01	1.4000e+02	1.3700e-16	4.6678e-01	0.0000e+00	0.0000e+00
383	2086	3.5264e+00	1.4000e+02	-1.5929e-16	9.1043e+00	0.0000e+00	0.0000e+00
	1922	-3.5264e+00	1.4000e+02	1.5929e-16	-9.1043e+00	0.0000e+00	0.0000e+00
384	2065	-6.4742e+01	1.5400e+02	-7.8885e-17	1.6203e+00	0.0000e+00	0.0000e+00
	2022	6.4742e+01	1.5400e+02	7.8885e-17	-1.6203e+00	0.0000e+00	0.0000e+00
385	2048	-1.5417e+01	1.5400e+02	-9.0913e-17	4.5044e-01	0.0000e+00	0.0000e+00
	1993	1.5417e+01	1.5400e+02	9.0913e-17	-4.5044e-01	0.0000e+00	0.0000e+00
386	2031	-3.2400e+01	1.5400e+02	-9.3972e-17	-5.6025e-02	0.0000e+00	0.0000e+00
	1916	3.2400e+01	1.5400e+02	9.3972e-17	5.6025e-02	0.0000e+00	0.0000e+00

387	2014	7.6930e-01	1.5400e+02	-1.0410e-16	-1.2108e+00	0.0000e+00	0.0000e+00
	2086	-7.6930e-01	1.5400e+02	1.0410e-16	1.2108e+00	0.0000e+00	0.0000e+00
388	2113	-1.0888e+00	9.8000e+01	0.0000e+00	-1.1825e+00	0.0000e+00	0.0000e+00
	2014	1.0888e+00	9.8000e+01	0.0000e+00	1.1825e+00	0.0000e+00	0.0000e+00
389	2114	-2.9250e+01	9.8000e+01	0.0000e+00	-8.4791e-01	0.0000e+00	0.0000e+00
	2031	2.9250e+01	9.8000e+01	0.0000e+00	8.4791e-01	0.0000e+00	0.0000e+00
390	2115	-2.1454e+01	9.8000e+01	0.0000e+00	3.2758e-01	0.0000e+00	0.0000e+00
	2048	2.1454e+01	9.8000e+01	0.0000e+00	-3.2758e-01	0.0000e+00	0.0000e+00
391	2117	-6.0471e+01	9.8000e+01	0.0000e+00	1.8912e+00	0.0000e+00	0.0000e+00
	2065	6.0471e+01	9.8000e+01	0.0000e+00	-1.8912e+00	0.0000e+00	0.0000e+00
392	2092	-2.5636e+00	1.5400e+02	4.2327e-17	2.6861e+00	0.0000e+00	0.0000e+00
	2113	2.5636e+00	1.5400e+02	-4.2327e-17	-2.6861e+00	0.0000e+00	0.0000e+00
393	2094	-2.7321e+01	1.5400e+02	4.3224e-17	3.0448e-01	0.0000e+00	0.0000e+00
	2114	2.7321e+01	1.5400e+02	-4.3224e-17	-3.0448e-01	0.0000e+00	0.0000e+00
394	2096	-2.5665e+01	1.5400e+02	3.5288e-17	-4.8378e-01	0.0000e+00	0.0000e+00
	2115	2.5665e+01	1.5400e+02	-3.5288e-17	4.8378e-01	0.0000e+00	0.0000e+00
395	2100	-5.7550e+01	1.5400e+02	2.5996e-17	-7.3585e-01	0.0000e+00	0.0000e+00
	2117	5.7550e+01	1.5400e+02	-2.5996e-17	7.3585e-01	0.0000e+00	0.0000e+00
396	2091	-3.5681e+00	1.2250e+02	-3.6553e-17	-5.1181e+00	0.0000e+00	0.0000e+00
	2092	3.5681e+00	1.2250e+02	3.6553e-17	5.1181e+00	0.0000e+00	0.0000e+00
397	2093	-2.6749e+01	1.2250e+02	-3.9878e-17	-1.0323e+00	0.0000e+00	0.0000e+00
	2094	2.6749e+01	1.2250e+02	3.9878e-17	1.0323e+00	0.0000e+00	0.0000e+00
398	2095	-2.7910e+01	1.2250e+02	-3.6990e-17	9.7705e-01	0.0000e+00	0.0000e+00
	2096	2.7910e+01	1.2250e+02	3.6990e-17	-9.7705e-01	0.0000e+00	0.0000e+00
399	2099	-5.6023e+01	1.2250e+02	-2.9481e-17	2.3438e+00	0.0000e+00	0.0000e+00
	2100	5.6023e+01	1.2250e+02	2.9481e-17	-2.3438e+00	0.0000e+00	0.0000e+00
400	2066	-5.5620e+01	1.2250e+02	2.5875e-17	-2.0772e+00	0.0000e+00	0.0000e+00
	2099	5.5620e+01	1.2250e+02	-2.5875e-17	2.0772e+00	0.0000e+00	0.0000e+00
401	2049	-5.6294e+01	1.5400e+02	-5.7018e-18	2.4244e-01	0.0000e+00	0.0000e+00
	2066	5.6294e+01	1.5400e+02	5.7018e-18	-2.4244e-01	0.0000e+00	0.0000e+00
402	2064	-2.8695e+01	1.2250e+02	3.2761e-17	-9.3272e-01	0.0000e+00	0.0000e+00
	2095	2.8695e+01	1.2250e+02	-3.2761e-17	9.3272e-01	0.0000e+00	0.0000e+00
403	2063	-2.7086e+01	1.2250e+02	3.5930e-17	9.1157e-01	0.0000e+00	0.0000e+00
	2093	2.7086e+01	1.2250e+02	-3.5930e-17	-9.1157e-01	0.0000e+00	0.0000e+00
404	2062	-4.3551e+00	1.2250e+02	3.3247e-17	4.9542e+00	0.0000e+00	0.0000e+00
	2091	4.3551e+00	1.2250e+02	-3.3247e-17	-4.9542e+00	0.0000e+00	0.0000e+00
405	2061	1.9491e+01	1.2250e+02	1.6036e-17	1.2030e+01	0.0000e+00	0.0000e+00
	2089	-1.9491e+01	1.2250e+02	-1.6036e-17	-1.2030e+01	0.0000e+00	0.0000e+00
406	2060	4.9170e+01	1.2250e+02	-1.1978e-17	1.3985e+01	0.0000e+00	0.0000e+00
	2087	-4.9170e+01	1.2250e+02	1.1978e-17	-1.3985e+01	0.0000e+00	0.0000e+00
407	2058	1.0095e+02	1.2250e+02	-2.8353e-17	1.0723e+01	0.0000e+00	0.0000e+00
	2083	-1.0095e+02	1.2250e+02	2.8353e-17	-1.0723e+01	0.0000e+00	0.0000e+00
408	2057	7.6511e+01	1.2250e+02	-3.2518e-17	3.8572e+00	0.0000e+00	0.0000e+00
	2081	-7.6511e+01	1.2250e+02	3.2518e-17	-3.8572e+00	0.0000e+00	0.0000e+00
409	2054	4.7100e+01	1.2250e+02	-3.9333e-17	-1.1848e+01	0.0000e+00	0.0000e+00
	2075	-4.7100e+01	1.2250e+02	3.9333e-17	1.1848e+01	0.0000e+00	0.0000e+00
410	2052	3.1251e+01	1.2250e+02	-6.2024e-17	-1.4671e+01	0.0000e+00	0.0000e+00
	2071	-3.1251e+01	1.2250e+02	6.2024e-17	1.4671e+01	0.0000e+00	0.0000e+00
411	2051	-5.6083e+01	1.2250e+02	-1.0535e-16	-2.6596e+00	0.0000e+00	0.0000e+00
	2069	5.6083e+01	1.2250e+02	1.0535e-16	2.6596e+00	0.0000e+00	0.0000e+00
412	2050	-5.3858e+01	1.2250e+02	-1.0302e-16	8.1199e-01	0.0000e+00	0.0000e+00
	2067	5.3858e+01	1.2250e+02	1.0302e-16	-8.1199e-01	0.0000e+00	0.0000e+00
413	2047	-2.8088e+01	1.5400e+02	-1.1394e-17	4.0574e-01	0.0000e+00	0.0000e+00
	2064	2.8088e+01	1.5400e+02	1.1394e-17	-4.0574e-01	0.0000e+00	0.0000e+00
414	2046	-2.8282e+01	1.5400e+02	-2.1038e-17	-7.5149e-02	0.0000e+00	0.0000e+00

	2063	2.8282e+01	1.5400e+02	2.1038e-17	7.5149e-02	0.0000e+00	0.0000e+00
415	2045	-4.8680e+00	1.5400e+02	-2.3943e-17	-2.3787e+00	0.0000e+00	0.0000e+00
	2062	4.8680e+00	1.5400e+02	2.3943e-17	2.3787e+00	0.0000e+00	0.0000e+00
416	2044	2.1944e+01	1.5400e+02	5.6076e-18	-7.3847e+00	0.0000e+00	0.0000e+00
	2061	-2.1944e+01	1.5400e+02	-5.6076e-18	7.3847e+00	0.0000e+00	0.0000e+00
417	2043	4.7215e+01	1.5400e+02	6.3291e-17	-8.9570e+00	0.0000e+00	0.0000e+00
	2060	-4.7215e+01	1.5400e+02	-6.3291e-17	8.9570e+00	0.0000e+00	0.0000e+00
418	2041	1.5490e+02	1.5400e+02	9.7387e-17	-6.8195e+00	0.0000e+00	0.0000e+00
	2058	-1.5490e+02	1.5400e+02	-9.7387e-17	6.8195e+00	0.0000e+00	0.0000e+00
419	2040	7.5674e+01	1.5400e+02	1.0617e-16	-2.2730e+00	0.0000e+00	0.0000e+00
	2057	-7.5674e+01	1.5400e+02	-1.0617e-16	2.2730e+00	0.0000e+00	0.0000e+00
420	2038	9.5924e+01	1.5400e+02	1.0624e-16	3.2937e+00	0.0000e+00	0.0000e+00
	2055	-9.5924e+01	1.5400e+02	-1.0624e-16	-3.2937e+00	0.0000e+00	0.0000e+00
421	2037	4.8472e+01	1.5400e+02	1.2099e-16	7.6599e+00	0.0000e+00	0.0000e+00
	2054	-4.8472e+01	1.5400e+02	-1.2099e-16	-7.6599e+00	0.0000e+00	0.0000e+00
422	2035	2.8059e+01	1.5400e+02	1.6660e-16	9.3169e+00	0.0000e+00	0.0000e+00
	2052	-2.8059e+01	1.5400e+02	-1.6660e-16	-9.3169e+00	0.0000e+00	0.0000e+00
423	2034	-5.9764e+01	1.5400e+02	2.5099e-16	1.4713e+00	0.0000e+00	0.0000e+00
	2051	5.9764e+01	1.5400e+02	-2.5099e-16	-1.4713e+00	0.0000e+00	0.0000e+00
424	2033	-4.9159e+01	1.5400e+02	2.4367e-16	-7.7295e-01	0.0000e+00	0.0000e+00
	2050	4.9159e+01	1.5400e+02	-2.4367e-16	7.7295e-01	0.0000e+00	0.0000e+00
425	2032	-5.8227e+01	9.8000e+01	0.0000e+00	-5.6337e-01	0.0000e+00	0.0000e+00
	2049	5.8227e+01	9.8000e+01	0.0000e+00	5.6337e-01	0.0000e+00	0.0000e+00
426	2030	-2.5733e+01	9.8000e+01	0.0000e+00	-1.0874e-01	0.0000e+00	0.0000e+00
	2047	2.5733e+01	9.8000e+01	0.0000e+00	1.0874e-01	0.0000e+00	0.0000e+00
427	2029	-3.0592e+01	9.8000e+01	0.0000e+00	2.3146e-01	0.0000e+00	0.0000e+00
	2046	3.0592e+01	9.8000e+01	0.0000e+00	-2.3146e-01	0.0000e+00	0.0000e+00
428	2028	-5.3265e+00	9.8000e+01	0.0000e+00	3.2460e-01	0.0000e+00	0.0000e+00
	2045	5.3265e+00	9.8000e+01	0.0000e+00	-3.2460e-01	0.0000e+00	0.0000e+00
429	2027	2.6338e+01	9.8000e+01	0.0000e+00	-2.0098e-02	0.0000e+00	0.0000e+00
	2044	-2.6338e+01	9.8000e+01	0.0000e+00	2.0098e-02	0.0000e+00	0.0000e+00
430	2026	4.0020e+01	9.8000e+01	0.0000e+00	-2.1638e-01	0.0000e+00	0.0000e+00
	2043	-4.0020e+01	9.8000e+01	0.0000e+00	2.1638e-01	0.0000e+00	0.0000e+00
431	2024	1.3082e+02	9.8000e+01	0.0000e+00	-1.4607e-01	0.0000e+00	0.0000e+00
	2041	-1.3082e+02	9.8000e+01	0.0000e+00	1.4607e-01	0.0000e+00	0.0000e+00
432	2023	6.8274e+01	9.8000e+01	0.0000e+00	2.2802e-02	0.0000e+00	0.0000e+00
	2040	-6.8274e+01	9.8000e+01	0.0000e+00	-2.2802e-02	0.0000e+00	0.0000e+00
433	2021	1.1555e+02	9.8000e+01	0.0000e+00	1.4854e-01	0.0000e+00	0.0000e+00
	2038	-1.1555e+02	9.8000e+01	0.0000e+00	-1.4854e-01	0.0000e+00	0.0000e+00
434	2020	4.7546e+01	9.8000e+01	0.0000e+00	1.9530e-01	0.0000e+00	0.0000e+00
	2037	-4.7546e+01	9.8000e+01	0.0000e+00	-1.9530e-01	0.0000e+00	0.0000e+00
435	2018	2.5408e+01	9.8000e+01	0.0000e+00	1.8918e-01	0.0000e+00	0.0000e+00
	2035	-2.5408e+01	9.8000e+01	0.0000e+00	-1.8918e-01	0.0000e+00	0.0000e+00
436	2017	-6.7713e+01	9.8000e+01	0.0000e+00	5.2657e-02	0.0000e+00	0.0000e+00
	2034	6.7713e+01	9.8000e+01	0.0000e+00	-5.2657e-02	0.0000e+00	0.0000e+00
437	2016	-4.0063e+01	9.8000e+01	0.0000e+00	1.9069e-02	0.0000e+00	0.0000e+00
	2033	4.0063e+01	9.8000e+01	0.0000e+00	-1.9069e-02	0.0000e+00	0.0000e+00
438	2015	-6.1329e+01	1.5400e+02	1.1858e-16	-2.5225e+00	0.0000e+00	0.0000e+00
	2032	6.1329e+01	1.5400e+02	-1.1858e-16	2.5225e+00	0.0000e+00	0.0000e+00
439	2013	-2.1830e+01	1.5400e+02	1.3575e-16	-5.6014e-01	0.0000e+00	0.0000e+00
	2030	2.1830e+01	1.5400e+02	-1.3575e-16	5.6014e-01	0.0000e+00	0.0000e+00
440	2012	-3.3836e+01	1.5400e+02	1.3544e-16	5.8281e-01	0.0000e+00	0.0000e+00
	2029	3.3836e+01	1.5400e+02	-1.3544e-16	-5.8281e-01	0.0000e+00	0.0000e+00
441	2011	-5.7902e+00	1.5400e+02	1.3414e-16	1.7918e+00	0.0000e+00	0.0000e+00
	2028	5.7902e+00	1.5400e+02	-1.3414e-16	-1.7918e+00	0.0000e+00	0.0000e+00

442	2010	3.2126e+01	1.5400e+02	1.1866e-16	2.5899e+00	0.0000e+00	0.0000e+00
	2027	-3.2126e+01	1.5400e+02	-1.1866e-16	-2.5899e+00	0.0000e+00	0.0000e+00
443	2009	2.9706e+01	1.5400e+02	1.1038e-16	2.0697e+00	0.0000e+00	0.0000e+00
	2026	-2.9706e+01	1.5400e+02	-1.1038e-16	-2.0697e+00	0.0000e+00	0.0000e+00
444	2007	1.2893e+02	1.5400e+02	1.1047e-16	1.2550e+00	0.0000e+00	0.0000e+00
	2024	-1.2893e+02	1.5400e+02	-1.1047e-16	-1.2550e+00	0.0000e+00	0.0000e+00
445	2006	5.6395e+01	1.5400e+02	1.1636e-16	3.1945e-01	0.0000e+00	0.0000e+00
	2023	-5.6395e+01	1.5400e+02	-1.1636e-16	-3.1945e-01	0.0000e+00	0.0000e+00
446	2004	1.6451e+02	1.5400e+02	1.2381e-16	-6.6849e-01	0.0000e+00	0.0000e+00
	2021	-1.6451e+02	1.5400e+02	-1.2381e-16	6.6849e-01	0.0000e+00	0.0000e+00
447	2003	4.4512e+01	1.5400e+02	1.2815e-16	-1.4138e+00	0.0000e+00	0.0000e+00
	2020	-4.4512e+01	1.5400e+02	-1.2815e-16	1.4138e+00	0.0000e+00	0.0000e+00
448	2001	2.2986e+01	1.5400e+02	0.0000e+00	-1.9070e+00	0.0000e+00	0.0000e+00
	2018	-2.2986e+01	1.5400e+02	0.0000e+00	1.9070e+00	0.0000e+00	0.0000e+00
449	2000	-7.9324e+01	1.5400e+02	0.0000e+00	2.6210e-01	0.0000e+00	0.0000e+00
	2017	7.9324e+01	1.5400e+02	0.0000e+00	-2.6210e-01	0.0000e+00	0.0000e+00
450	1999	-2.7460e+01	1.5400e+02	0.0000e+00	1.2025e+00	0.0000e+00	0.0000e+00
	2016	2.7460e+01	1.5400e+02	0.0000e+00	-1.2025e+00	0.0000e+00	0.0000e+00
451	1982	-6.6394e+01	1.4000e+02	1.0350e-16	3.2273e+00	0.0000e+00	0.0000e+00
	2015	6.6394e+01	1.4000e+02	-1.0350e-16	-3.2273e+00	0.0000e+00	0.0000e+00
452	1984	-1.5071e+01	1.4000e+02	1.2308e-16	2.2381e+00	0.0000e+00	0.0000e+00
	2013	1.5071e+01	1.4000e+02	-1.2308e-16	-2.2381e+00	0.0000e+00	0.0000e+00
453	1985	-1.1516e+02	1.4000e+02	1.4692e-16	3.1328e-01	0.0000e+00	0.0000e+00
	2012	1.1516e+02	1.4000e+02	-1.4692e-16	-3.1328e-01	0.0000e+00	0.0000e+00
454	1986	-6.4977e+00	1.4000e+02	1.6798e-16	-9.2811e+00	0.0000e+00	0.0000e+00
	2011	6.4977e+00	1.4000e+02	-1.6798e-16	9.2811e+00	0.0000e+00	0.0000e+00
455	1998	-8.7786e+01	1.4000e+02	1.0413e-16	-2.9224e+01	0.0000e+00	0.0000e+00
	2010	8.7786e+01	1.4000e+02	-1.0413e-16	2.9224e+01	0.0000e+00	0.0000e+00
456	1997	1.3003e+01	1.4000e+02	-1.1373e-17	-3.4258e+01	0.0000e+00	0.0000e+00
	2009	-1.3003e+01	1.4000e+02	1.1373e-17	3.4258e+01	0.0000e+00	0.0000e+00
457	1995	2.5293e+01	1.4000e+02	-7.4574e-17	-2.5290e+01	0.0000e+00	0.0000e+00
	2007	-2.5293e+01	1.4000e+02	7.4574e-17	2.5290e+01	0.0000e+00	0.0000e+00
458	1994	3.3584e+01	1.4000e+02	-8.2910e-17	-7.9283e+00	0.0000e+00	0.0000e+00
	2006	-3.3584e+01	1.4000e+02	8.2910e-17	7.9283e+00	0.0000e+00	0.0000e+00
459	1992	2.3317e+02	1.4000e+02	-7.4152e-17	1.2455e+01	0.0000e+00	0.0000e+00
	2004	-2.3317e+02	1.4000e+02	7.4152e-17	-1.2455e+01	0.0000e+00	0.0000e+00
460	1991	3.5078e+01	1.4000e+02	-9.6724e-17	2.8445e+01	0.0000e+00	0.0000e+00
	2003	-3.5078e+01	1.4000e+02	9.6724e-17	-2.8445e+01	0.0000e+00	0.0000e+00
461	1989	2.9231e+02	1.4000e+02	-1.8178e-16	3.4984e+01	0.0000e+00	0.0000e+00
	2001	-2.9231e+02	1.4000e+02	1.8178e-16	-3.4984e+01	0.0000e+00	0.0000e+00
462	1988	2.1973e+02	1.4000e+02	-3.4609e-16	5.4023e+00	0.0000e+00	0.0000e+00
	2000	-2.1973e+02	1.4000e+02	3.4609e-16	-5.4023e+00	0.0000e+00	0.0000e+00
463	1987	-7.7740e+00	1.4000e+02	-3.3497e-16	-3.7589e+00	0.0000e+00	0.0000e+00
	1999	7.7740e+00	1.4000e+02	3.3497e-16	3.7589e+00	0.0000e+00	0.0000e+00
464	1926	-2.7129e+02	-1.2592e+02	1.3696e+00	2.0618e+01	-2.0406e+02	-1.8760e+04
	1981	2.7129e+02	1.2592e+02	-1.3696e+00	-2.0618e+01	0.0000e+00	0.0000e+00
465	1924	-3.8087e+02	3.1652e+01	-4.4096e+00	-1.6792e+01	2.2868e+02	-1.5649e+04
	1926	3.8087e+02	-3.1652e+01	4.4096e+00	1.6792e+01	2.0441e+02	1.8757e+04
466	1923	-4.5579e+02	1.8476e+02	1.4233e+00	6.3609e+00	8.6084e+01	2.9336e+03
	1924	4.5579e+02	-1.8476e+02	-1.4233e+00	-6.3609e+00	-2.2921e+02	1.5647e+04
467	1922	-5.6596e+02	3.1655e+02	1.6364e+00	8.6643e+00	-7.4787e+01	3.4013e+04
	1923	5.6596e+02	-3.1655e+02	-1.6364e+00	-8.6643e+00	-8.5883e+01	-2.9339e+03
468	1949	-5.1802e+02	5.7702e+02	-1.8899e+00	-9.8122e+00	4.8483e+01	7.1597e+04
	1922	5.1802e+02	-5.7702e+02	1.8899e+00	9.8122e+00	7.4645e+01	-3.4004e+04
469	1921	-9.3069e+01	-6.4979e+02	-2.5412e+00	-9.4997e+00	1.4658e+02	4.6527e+04

	1949	9.3069e+01	6.4979e+02	2.5412e+00	9.4997e+00	-4.8534e+01	-7.1597e+04
470	1920	-2.1323e+02	-5.0307e+02	6.5880e+00	-4.5455e+00	-5.2109e+02	-4.5065e+03
	1921	2.1323e+02	5.0307e+02	-6.5880e+00	4.5455e+00	-1.4684e+02	-4.6498e+04
471	1918	-2.8980e+02	-3.4171e+02	-1.1864e+01	-5.6937e+01	6.7914e+02	-3.9020e+04
	1920	2.8980e+02	3.4171e+02	1.1864e+01	5.6937e+01	5.1799e+02	4.5410e+03
472	1917	-3.8066e+02	-1.6129e+02	1.2383e+01	1.8097e+01	-5.6763e+02	-5.5313e+04
	1918	3.8066e+02	1.6129e+02	-1.2383e+01	-1.8097e+01	-6.8128e+02	3.9046e+04
473	2107	-3.9270e+02	1.7061e+01	-8.7767e+00	-3.8020e+01	3.4184e+02	-5.3555e+04
	1917	3.9270e+02	-1.7061e+01	8.7767e+00	3.8020e+01	5.6664e+02	5.5321e+04
474	2080	-3.5491e+02	1.9537e+02	4.1619e+00	-9.2220e-01	-6.7006e+01	-3.4253e+04
	2107	3.5491e+02	-1.9537e+02	-4.1619e+00	9.2220e-01	-3.4391e+02	5.3543e+04
475	2079	-2.9964e+02	3.6901e+02	1.7502e+00	-8.1846e+00	-2.4269e+02	2.9214e+03
	2080	2.9964e+02	-3.6901e+02	-1.7502e+00	8.1846e+00	6.6510e+01	3.4224e+04
476	2056	-4.4469e+02	-3.4949e+02	1.6742e+01	2.5160e+01	-1.1309e+03	3.2473e+04
	1959	4.4469e+02	3.4949e+02	-1.6742e+01	-2.5160e+01	-3.0670e+02	-6.2483e+04
477	2039	-2.3340e+02	-2.2118e+02	-2.0541e+01	-5.0613e+01	9.5922e+02	9.9825e+03
	2056	2.3340e+02	2.2118e+02	2.0541e+01	5.0613e+01	1.1300e+03	-3.2479e+04
478	1960	-1.7007e+02	-8.7851e+01	9.0488e+00	1.9651e+01	7.1941e+02	7.6396e+03
	2039	1.7007e+02	8.7851e+01	-9.0488e+00	-1.9651e+01	-9.6036e+02	-9.9788e+03
479	2022	5.1959e+02	-1.1567e+02	1.3742e+00	6.0342e+00	-2.0474e+02	-1.7234e+04
	1980	-5.1959e+02	1.1567e+02	-1.3742e+00	-6.0342e+00	0.0000e+00	0.0000e+00
480	1993	3.3661e+02	1.6838e+01	-5.2891e+00	-3.1295e+01	3.1704e+02	-1.5585e+04
	2022	-3.3661e+02	-1.6838e+01	5.2891e+00	3.1295e+01	2.0244e+02	1.7239e+04
481	1916	1.6849e+02	2.2400e+02	4.2945e+00	8.4414e-01	-1.1329e+02	6.9376e+03
	1993	-1.6849e+02	-2.2400e+02	-4.2945e+00	-8.4414e-01	-3.1858e+02	1.5588e+04
482	2086	6.9824e+01	4.7236e+02	-1.4478e+00	-2.0004e+00	2.8899e+01	5.3315e+04
	1916	-6.9824e+01	-4.7236e+02	1.4478e+00	2.0004e+00	1.1325e+02	-6.9369e+03
483	1948	8.5749e+01	7.1866e+02	1.3093e+00	5.0986e+00	-5.6782e+01	1.0015e+05
	2086	-8.5749e+01	-7.1866e+02	-1.3093e+00	-5.0986e+00	-2.8516e+01	-5.3325e+04
484	2085	6.6749e+02	-9.6724e+02	9.7525e-01	4.7276e+00	-9.4412e+01	6.2828e+04
	1948	-6.6749e+02	9.6724e+02	-9.7525e-01	-4.7276e+00	5.6786e+01	-1.0015e+05
485	2059	5.9176e+02	-7.0634e+02	2.6445e+00	1.3839e+00	-3.6264e+02	-8.7531e+03
	2085	-5.9176e+02	7.0634e+02	-2.6445e+00	-1.3839e+00	9.4523e+01	-6.2861e+04
486	2042	4.6089e+02	-4.7383e+02	-9.2336e+00	-3.5099e+01	5.7075e+02	-5.6526e+04
	2059	-4.6089e+02	4.7383e+02	9.2336e+00	3.5099e+01	3.6094e+02	8.7163e+03
487	2025	3.6439e+02	-2.2949e+02	1.1646e+01	2.7573e+01	-6.0348e+02	-7.9645e+04
	2042	-3.6439e+02	2.2949e+02	-1.1646e+01	-2.7573e+01	-5.7114e+02	5.6499e+04
488	2008	3.4422e+02	2.9631e+01	-1.1127e+01	-3.2130e+01	5.4852e+02	-7.6570e+04
	2025	-3.4422e+02	-2.9631e+01	1.1127e+01	3.2130e+01	6.0325e+02	7.9637e+04
489	1996	2.7923e+02	2.7203e+02	1.0475e+01	2.6989e+01	-4.8541e+02	-4.9726e+04
	2008	-2.7923e+02	-2.7203e+02	-1.0475e+01	-2.6989e+01	-5.4877e+02	7.6584e+04
490	1919	3.7427e+02	5.2636e+02	-9.3671e+00	-2.5821e+01	4.5744e+02	3.2283e+03
	1996	-3.7427e+02	-5.2636e+02	9.3671e+00	2.5821e+01	4.8548e+02	4.9757e+04
491	2098	-1.6584e+02	-5.4173e+02	2.2773e+00	-6.5602e+00	-3.6236e+02	4.6241e+04
	1958	1.6584e+02	5.4173e+02	-2.2773e+00	6.5602e+00	1.6682e+02	-9.2758e+04
492	2097	-1.6259e+02	-2.8054e+02	-7.9970e+00	-3.0660e+01	4.5227e+02	1.7702e+04
	2098	1.6259e+02	2.8054e+02	7.9970e+00	3.0660e+01	3.6111e+02	-4.6236e+04
493	1961	-1.7039e+01	-2.4991e+01	4.3674e+00	2.4874e+00	3.3701e+02	1.7041e+04
	2097	1.7039e+01	2.4991e+01	-4.3674e+00	-2.4874e+00	-4.5330e+02	-1.7707e+04
494	2065	2.0359e+02	-1.2950e+02	8.1239e-01	1.0587e+00	-1.2104e+02	-1.9295e+04
	1979	-2.0359e+02	1.2950e+02	-8.1239e-01	-1.0587e+00	0.0000e+00	0.0000e+00
495	2048	1.2465e+01	2.6822e+01	-3.4587e+00	-2.0945e+01	2.2048e+02	-1.6661e+04
	2065	-1.2465e+01	-2.6822e+01	3.4587e+00	2.0945e+01	1.1922e+02	1.9295e+04
496	2031	-1.2898e+02	2.3217e+02	2.5793e+00	1.4014e+00	-3.7909e+01	6.6863e+03
	2048	1.2898e+02	-2.3217e+02	-2.5793e+00	-1.4014e+00	-2.2146e+02	1.6661e+04

497	2014	-2.6142e+02	4.4595e+02	-5.7103e-01	4.0263e-01	1.8132e+01	5.0472e+04
	2031	2.6142e+02	-4.4595e+02	5.7103e-01	-4.0263e-01	3.7933e+01	-6.6871e+03
498	1947	-2.2810e+02	7.3407e+02	1.2871e+00	4.8069e+00	-6.6365e+01	9.8297e+04
	2014	2.2810e+02	-7.3407e+02	-1.2871e+00	-4.8069e+00	-1.7488e+01	-5.0472e+04
499	2005	3.4488e+02	-9.2393e+02	1.0107e+00	4.3755e+00	-1.0536e+02	6.2650e+04
	1947	-3.4488e+02	9.2393e+02	-1.0107e+00	-4.3755e+00	6.6369e+01	-9.8297e+04
500	1983	2.3929e+02	-6.9425e+02	1.9118e+00	7.1632e-01	-2.9929e+02	-7.7401e+03
	2005	-2.3929e+02	6.9425e+02	-1.9118e+00	-7.1632e-01	1.0545e+02	-6.2647e+04
501	1925	1.1954e+02	-4.6755e+02	-7.5026e+00	-2.9391e+01	4.5918e+02	-5.4920e+04
	1983	-1.1954e+02	4.6755e+02	7.5026e+00	2.9391e+01	2.9784e+02	7.7432e+03
502	2125	1.3959e+01	-2.2837e+02	8.5783e+00	2.0997e+01	-4.0557e+02	-7.7954e+04
	1925	-1.3959e+01	2.2837e+02	-8.5783e+00	-2.0997e+01	-4.5962e+02	5.4921e+04
503	2123	-4.9988e+00	2.3345e+01	-6.6863e+00	-1.9138e+01	2.8644e+02	-7.5537e+04
	2125	4.9988e+00	-2.3345e+01	6.6863e+00	1.9138e+01	4.0566e+02	7.7954e+04
504	2122	3.3434e+01	2.7305e+02	5.4319e+00	1.2085e+01	-2.4953e+02	-4.8578e+04
	2123	-3.3434e+01	-2.7305e+02	-5.4319e+00	-1.2085e+01	-2.8678e+02	7.5536e+04
505	2120	1.2043e+02	5.1314e+02	-5.5097e+00	-1.5052e+01	3.0526e+02	3.0790e+03
	2122	-1.2043e+02	-5.1314e+02	5.5097e+00	1.5052e+01	2.4937e+02	4.8576e+04
506	2119	-2.5708e+02	-5.2093e+02	1.5454e+00	-2.1850e+00	-2.4274e+02	4.5255e+04
	1957	2.5708e+02	5.2093e+02	-1.5454e+00	2.1850e+00	1.1004e+02	-8.9985e+04
507	2118	-1.6492e+02	-2.8457e+02	-4.9594e+00	-1.8384e+01	2.6237e+02	1.6311e+04
	2119	1.6492e+02	2.8457e+02	4.9594e+00	1.8384e+01	2.4206e+02	-4.5255e+04
508	1962	-4.3326e+01	-6.3545e+01	2.5425e+00	8.4667e-01	1.9531e+02	1.4618e+04
	2118	4.3326e+01	6.3545e+01	-2.5425e+00	-8.4667e-01	-2.6301e+02	-1.6310e+04
509	2117	1.4954e+02	-1.3871e+02	4.6791e-01	-2.8642e+00	-6.9714e+01	-2.0667e+04
	1978	-1.4954e+02	1.3871e+02	-4.6791e-01	2.8642e+00	0.0000e+00	0.0000e+00
510	2115	-4.2356e+01	2.7582e+01	-2.4537e+00	-1.5480e+01	1.7295e+02	-1.7956e+04
	2117	4.2356e+01	-2.7582e+01	2.4537e+00	1.5480e+01	6.8034e+01	2.0665e+04
511	2114	-1.8345e+02	2.3845e+02	1.7574e+00	2.0451e+00	-3.0928e+00	6.0243e+03
	2115	1.8345e+02	-2.3845e+02	-1.7574e+00	-2.0451e+00	-1.7363e+02	1.7955e+04
512	2113	-3.1570e+02	4.5366e+02	-1.7133e-01	1.9629e+00	1.3676e+01	5.0566e+04
	2114	3.1570e+02	-4.5366e+02	1.7133e-01	-1.9629e+00	3.1455e+00	-6.0231e+03
513	1946	-2.7886e+02	7.5478e+02	1.3034e+00	5.2349e+00	-7.2133e+01	9.9735e+04
	2113	2.7886e+02	-7.5478e+02	-1.3034e+00	-5.2349e+00	-1.2786e+01	-5.0562e+04
514	2112	3.0511e+02	-9.3462e+02	1.0678e+00	4.7669e+00	-1.1334e+02	6.3677e+04
	1946	-3.0511e+02	9.3462e+02	-1.0678e+00	-4.7669e+00	7.2139e+01	-9.9735e+04
515	2111	1.9917e+02	-7.0355e+02	1.1098e+00	8.3079e-01	-2.2595e+02	-7.6611e+03
	2112	-1.9917e+02	7.0355e+02	-1.1098e+00	-8.3079e-01	1.1343e+02	-6.3669e+04
516	2109	7.8693e+01	-4.7277e+02	-5.5179e+00	-2.1901e+01	3.3188e+02	-5.5372e+04
	2111	-7.8693e+01	4.7277e+02	5.5179e+00	2.1901e+01	2.2489e+02	7.6692e+03
517	2108	-3.0241e-01	-2.2771e+02	6.0149e+00	1.4272e+01	-2.7440e+02	-7.8345e+04
	2109	3.0241e-01	2.2771e+02	-6.0149e+00	-1.4272e+01	-3.3225e+02	5.5378e+04
518	2106	-1.9126e+01	2.5402e+01	-4.2801e+00	-1.2883e+01	1.6857e+02	-7.5718e+04
	2108	1.9126e+01	-2.5402e+01	4.2801e+00	1.2883e+01	2.7447e+02	7.8347e+04
519	2105	3.3600e+01	2.7440e+02	3.1946e+00	5.5089e+00	-1.4648e+02	-4.8623e+04
	2106	-3.3600e+01	-2.7440e+02	-3.1946e+00	-5.5089e+00	-1.6893e+02	7.5716e+04
520	2103	1.2074e+02	5.1447e+02	-3.8449e+00	-1.0411e+01	2.4083e+02	3.1719e+03
	2105	-1.2074e+02	-5.1447e+02	3.8449e+00	1.0411e+01	1.4621e+02	4.8617e+04
521	2102	-2.5768e+02	-5.2214e+02	1.1198e+00	1.3973e-01	-1.7947e+02	4.5401e+04
	1956	2.5768e+02	5.2214e+02	-1.1198e+00	-1.3973e-01	8.3314e+01	-9.0235e+04
522	2101	-1.6560e+02	-2.8574e+02	-3.3210e+00	-1.1841e+01	1.5871e+02	1.6340e+04
	2102	1.6560e+02	2.8574e+02	3.3210e+00	1.1841e+01	1.7907e+02	-4.5403e+04
523	1963	-4.4086e+01	-6.4659e+01	1.5487e+00	-2.0581e-01	1.1791e+02	1.4617e+04
	2101	4.4086e+01	6.4659e+01	-1.5487e+00	2.0581e-01	-1.5915e+02	-1.6339e+04
524	2100	2.5474e+02	-1.3684e+02	1.2392e-01	-6.1953e+00	-1.8462e+01	-2.0389e+04

	1977	-2.5474e+02	1.3684e+02	-1.2392e-01	6.1953e+00	0.0000e+00	0.0000e+00
525	2099	7.8873e+01	-1.4626e+02	-1.7293e-01	-9.8212e+00	2.5766e+01	-2.1792e+04
	1976	-7.8873e+01	1.4626e+02	1.7293e-01	9.8212e+00	0.0000e+00	0.0000e+00
526	2096	4.5468e+01	2.8896e+01	-1.4029e+00	-9.4458e+00	1.2076e+02	-1.7554e+04
	2100	-4.5468e+01	-2.8896e+01	1.4029e+00	9.4458e+00	1.7030e+01	2.0392e+04
527	2095	-1.0866e+02	2.7684e+01	-5.7608e-01	-4.9777e+00	8.3701e+01	-1.9069e+04
	2099	1.0866e+02	-2.7684e+01	5.7608e-01	4.9777e+00	-2.7121e+01	2.1788e+04
528	2094	-1.0995e+02	2.5100e+02	8.4136e-01	2.7836e+00	3.6490e+01	7.6859e+03
	2096	1.0995e+02	-2.5100e+02	-8.4136e-01	-2.7836e+00	-1.2110e+02	1.7555e+04
529	2093	-2.4540e+02	2.3950e+02	2.0934e-01	3.4906e+00	6.2724e+01	5.0177e+03
	2095	2.4540e+02	-2.3950e+02	-2.0934e-01	-3.4906e+00	-8.3776e+01	1.9067e+04
530	2092	-2.5537e+02	4.8474e+02	2.6898e-01	3.7435e+00	9.9950e+00	5.5280e+04
	2094	2.5537e+02	-4.8474e+02	-2.6898e-01	-3.7435e+00	-3.6404e+01	-7.6873e+03
531	2091	-3.7375e+02	4.5050e+02	5.4646e-01	5.1411e+00	8.9570e+00	4.9247e+04
	2093	3.7375e+02	-4.5050e+02	-5.4646e-01	-5.1411e+00	-6.2611e+01	-5.0157e+03
532	1945	-2.2087e+02	7.9335e+02	1.2735e+00	6.0652e+00	-7.4187e+01	1.0697e+05
	2092	2.2087e+02	-7.9335e+02	-1.2735e+00	-6.0652e+00	-8.7822e+00	-5.5288e+04
533	1944	-3.3362e+02	7.5924e+02	1.3335e+00	7.1679e+00	-7.9442e+01	9.8701e+04
	2091	3.3362e+02	-7.5924e+02	-1.3335e+00	-7.1679e+00	-7.4351e+00	-4.9237e+04
534	2090	4.0138e+02	-1.0075e+03	1.0750e+00	5.5841e+00	-1.1567e+02	6.8105e+04
	1945	-4.0138e+02	1.0075e+03	-1.0750e+00	-5.5841e+00	7.4198e+01	-1.0697e+05
535	2089	2.4756e+02	-9.2159e+02	1.1760e+00	6.6530e+00	-1.2483e+02	6.3145e+04
	1944	-2.4756e+02	9.2159e+02	-1.1760e+00	-6.6530e+00	7.9460e+01	-9.8701e+04
536	2088	2.8573e+02	-7.5626e+02	2.4248e-01	1.5664e+00	-1.4038e+02	-8.5505e+03
	2090	-2.8573e+02	7.5626e+02	-2.4248e-01	-1.5664e+00	1.1580e+02	-6.8124e+04
537	2087	1.4415e+02	-6.9523e+02	-8.9607e-01	2.3169e+00	-3.4135e+01	-7.3661e+03
	2089	-1.4415e+02	6.9523e+02	8.9607e-01	-2.3169e+00	1.2499e+02	-6.3121e+04
538	2084	1.5477e+02	-5.0988e+02	-3.1852e+00	-1.2562e+01	1.8157e+02	-5.9976e+04
	2088	-1.5477e+02	5.0988e+02	3.1852e+00	1.2562e+01	1.3983e+02	8.5279e+03
539	2083	2.6136e+01	-4.6582e+02	-2.6606e-01	-1.1284e+00	-7.3493e+00	-5.4396e+04
	2087	-2.6136e+01	4.6582e+02	2.6606e-01	1.1284e+00	3.4195e+01	7.3940e+03
540	2082	5.5029e+01	-2.4926e+02	3.5976e+00	7.2052e+00	-1.8101e+02	-8.5098e+04
	2084	-5.5029e+01	2.4926e+02	-3.5976e+00	-7.2052e+00	-1.8183e+02	5.9958e+04
541	2081	-1.2051e+01	-2.2005e+02	7.9870e-02	-2.2660e+00	-1.5253e+01	-7.6611e+04
	2083	1.2051e+01	2.2005e+02	-7.9870e-02	2.2660e+00	7.1977e+00	5.4417e+04
542	2078	3.4163e+01	2.2998e+01	-3.0630e+00	-1.0697e+01	1.3622e+02	-8.2711e+04
	2082	-3.4163e+01	-2.2998e+01	3.0630e+00	1.0697e+01	1.8084e+02	8.5092e+04
543	2077	-3.0162e+01	2.7188e+01	-2.7798e-01	-3.7605e+00	1.3819e+01	-7.3805e+04
	2081	3.0162e+01	-2.7188e+01	2.7798e-01	3.7605e+00	1.4955e+01	7.6619e+04
544	2076	3.6602e+01	2.9892e+02	2.3383e+00	4.2928e+00	-9.4335e+01	-5.3207e+04
	2078	-3.6602e+01	-2.9892e+02	-2.3383e+00	-4.2928e+00	-1.3653e+02	8.2720e+04
545	2075	3.2901e+01	2.6869e+02	1.8997e-01	-1.9102e+00	-4.6689e+00	-4.7267e+04
	2077	-3.2901e+01	-2.6869e+02	-1.8997e-01	1.9102e+00	-1.4087e+01	7.3796e+04
546	2072	1.3198e+02	5.6237e+02	-2.7932e+00	-5.9646e+00	1.8693e+02	3.3837e+03
	2076	-1.3198e+02	-5.6237e+02	2.7932e+00	5.9646e+00	9.4244e+01	5.3226e+04
547	2071	1.1783e+02	5.0206e+02	-1.5443e+00	-2.4053e+00	1.5102e+02	3.2948e+03
	2075	-1.1783e+02	-5.0206e+02	1.5443e+00	2.4053e+00	4.4341e+00	4.7244e+04
548	2070	-2.8182e+02	-5.7105e+02	4.3089e-01	3.2838e+00	-9.2005e+01	4.9587e+04
	1955	2.8182e+02	5.7105e+02	-4.3089e-01	-3.2838e+00	5.5006e+01	-9.8621e+04
549	2069	-2.5160e+02	-5.0981e+02	-1.8495e-01	5.4790e+00	-2.2877e+01	4.4407e+04
	1954	2.5160e+02	5.0981e+02	1.8495e-01	-5.4790e+00	3.8758e+01	-8.8182e+04
550	2068	-1.8067e+02	-3.1174e+02	-1.0354e+00	-2.8653e+00	1.3293e+01	1.7876e+04
	2070	1.8067e+02	3.1174e+02	1.0354e+00	2.8653e+00	9.2019e+01	-4.9583e+04
551	2067	-1.6222e+02	-2.7991e+02	7.4580e-01	3.9396e+00	-9.9047e+01	1.5943e+04
	2069	1.6222e+02	2.7991e+02	-7.4580e-01	-3.9396e+00	2.3192e+01	-4.4412e+04

552	1964	-4.7211e+01	-6.9242e+01	1.5766e-01	-1.8857e+00	9.2689e+00	1.6034e+04
	2068	4.7211e+01	6.9242e+01	-1.5766e-01	1.8857e+00	-1.3467e+01	-1.7877e+04
553	1965	-4.4230e+01	-6.4871e+01	-9.1505e-01	-3.3122e+00	-7.4705e+01	1.4214e+04
	2067	4.4230e+01	6.4871e+01	9.1505e-01	3.3122e+00	9.9070e+01	-1.5941e+04
554	2066	2.4502e+02	-1.3849e+02	-4.5887e-01	-1.3349e+01	6.8368e+01	-2.0633e+04
	1975	-2.4502e+02	1.3849e+02	4.5887e-01	1.3349e+01	0.0000e+00	0.0000e+00
555	2064	3.5616e+01	2.9046e+01	2.1587e-01	-7.0807e-01	4.8454e+01	-1.7783e+04
	2066	-3.5616e+01	-2.9046e+01	-2.1587e-01	7.0807e-01	-6.9655e+01	2.0636e+04
556	2063	-1.1974e+02	2.5215e+02	-3.9183e-01	4.1830e+00	8.7681e+01	7.5717e+03
	2064	1.1974e+02	-2.5215e+02	3.9183e-01	-4.1830e+00	-4.8278e+01	1.7784e+04
557	2062	-2.6513e+02	4.8614e+02	8.0361e-01	6.4905e+00	8.6395e+00	5.5303e+04
	2063	2.6513e+02	-4.8614e+02	-8.0361e-01	-6.4905e+00	-8.7540e+01	-7.5726e+03
558	1943	-2.2999e+02	7.9708e+02	1.3164e+00	8.3993e+00	-7.8967e+01	1.0724e+05
	2062	2.2999e+02	-7.9708e+02	-1.3164e+00	-8.3993e+00	-6.7984e+00	-5.5310e+04
559	2061	3.9425e+02	-1.0094e+03	1.1996e+00	7.8870e+00	-1.2527e+02	6.8297e+04
	1943	-3.9425e+02	1.0094e+03	-1.1996e+00	-7.8870e+00	7.8991e+01	-1.0724e+05
560	2060	2.7853e+02	-7.5793e+02	-1.2526e+00	3.5347e+00	1.5301e+00	-8.5283e+03
	2061	-2.7853e+02	7.5793e+02	1.2526e+00	-3.5347e+00	1.2547e+02	-6.8316e+04
561	2058	1.4744e+02	-5.1082e+02	7.0259e-01	3.6707e+00	-6.9726e+01	-6.0048e+04
	2060	-1.4744e+02	5.1082e+02	-7.0259e-01	-3.6707e+00	-1.1668e+00	8.5053e+03
562	2057	3.6584e+01	-2.4994e+02	-8.3080e-01	-4.3651e+00	1.4068e+01	-8.5238e+04
	2058	-3.6584e+01	2.4994e+02	8.3080e-01	4.3651e+00	6.9725e+01	6.0030e+04
563	2055	1.5741e+01	2.4142e+01	5.9552e-03	-2.9551e+00	1.3814e+01	-8.2733e+04
	2057	-1.5741e+01	-2.4142e+01	-5.9552e-03	2.9551e+00	-1.4431e+01	8.5232e+04
564	2054	3.6632e+01	2.9916e+02	5.3548e-02	-1.2102e+00	8.7253e+00	-5.3205e+04
	2055	-3.6632e+01	-2.9916e+02	-5.3548e-02	1.2102e+00	-1.4012e+01	8.2742e+04
565	2052	1.3204e+02	5.6261e+02	-1.3184e+00	-2.5663e-01	1.4152e+02	3.4091e+03
	2054	-1.3204e+02	-5.6261e+02	1.3184e+00	2.5663e-01	-8.8051e+00	5.3225e+04
566	2051	-2.8194e+02	-5.7130e+02	-1.0154e+00	7.1376e+00	5.5227e+01	4.9617e+04
	1953	2.8194e+02	5.7130e+02	1.0154e+00	-7.1376e+00	3.1957e+01	-9.8672e+04
567	2050	-1.8080e+02	-3.1197e+02	2.6658e+00	1.0808e+01	-2.1651e+02	1.7882e+04
	2051	1.8080e+02	3.1197e+02	-2.6658e+00	-1.0808e+01	-5.4628e+01	-4.9613e+04
568	1966	-4.7365e+01	-6.9469e+01	-2.0330e+00	-5.0494e+00	-1.6259e+02	1.6034e+04
	2050	4.7365e+01	6.9469e+01	2.0330e+00	5.0494e+00	2.1672e+02	-1.7883e+04
569	2049	1.6275e+02	-1.3649e+02	-7.7041e-01	-1.6963e+01	1.1478e+02	-2.0336e+04
	1974	-1.6275e+02	1.3649e+02	7.7041e-01	1.6963e+01	0.0000e+00	0.0000e+00
570	2047	-2.8956e+01	2.7370e+01	1.1622e+00	4.1692e+00	1.8141e+00	-1.7647e+04
	2049	2.8956e+01	-2.7370e+01	-1.1622e+00	-4.1692e+00	-1.1596e+02	2.0335e+04
571	2046	-1.7014e+02	2.3689e+02	-1.1927e+00	4.3309e+00	1.2132e+02	6.1759e+03
	2047	1.7014e+02	-2.3689e+02	1.1927e+00	-4.3309e+00	-1.3843e+00	1.7646e+04
572	2045	-3.0244e+02	4.5175e+02	1.1181e+00	7.5241e+00	1.1381e+01	5.0530e+04
	2046	3.0244e+02	-4.5175e+02	-1.1181e+00	-7.5241e+00	-1.2116e+02	-6.1756e+03
573	1942	-2.6646e+02	7.4969e+02	1.5766e+00	1.0070e+01	-9.3510e+01	9.9370e+04
	2045	2.6646e+02	-7.4969e+02	-1.5766e+00	-1.0070e+01	-9.2057e+00	-5.0528e+04
574	2044	3.1482e+02	-9.3201e+02	1.5156e+00	9.4637e+00	-1.5201e+02	6.3412e+04
	1942	-3.1482e+02	9.3201e+02	-1.5156e+00	-9.4637e+00	9.3542e+01	-9.9370e+04
575	2043	2.0896e+02	-7.0128e+02	-2.8793e+00	4.1824e+00	1.3968e+02	-7.6953e+03
	2044	-2.0896e+02	7.0128e+02	2.8793e+00	-4.1824e+00	1.5225e+02	-6.3405e+04
576	2041	8.8661e+01	-4.7149e+02	4.3160e+00	1.8210e+01	-2.9695e+02	-5.5278e+04
	2043	-8.8661e+01	4.7149e+02	-4.3160e+00	-1.8210e+01	-1.3855e+02	7.7041e+03
577	2040	3.0458e+01	-2.2650e+02	-4.7937e+00	-1.4779e+01	1.8633e+02	-7.8129e+04
	2041	-3.0458e+01	2.2650e+02	4.7937e+00	1.4779e+01	2.9716e+02	5.5284e+04
578	2038	1.1604e+01	2.3572e+01	2.6059e+00	3.6845e+00	-8.2869e+01	-7.5692e+04
	2040	-1.1604e+01	-2.3572e+01	-2.6059e+00	-3.6845e+00	-1.8688e+02	7.8131e+04
579	2037	3.3560e+01	2.7408e+02	-1.5646e+00	-4.7976e+00	7.1627e+01	-4.8629e+04

	2038	-3.3560e+01	-2.7408e+02	1.5646e+00	4.7976e+00	8.2852e+01	7.5689e+04
580	2035	1.2067e+02	5.1415e+02	-6.3794e-01	2.9998e+00	1.3594e+02	3.1347e+03
	2037	-1.2067e+02	-5.1415e+02	6.3794e-01	-2.9998e+00	-7.1725e+01	4.8621e+04
581	2034	-2.5751e+02	-5.2179e+02	-2.4608e+00	8.4848e+00	1.7684e+02	4.5359e+04
	1952	2.5751e+02	5.2179e+02	2.4608e+00	-8.4848e+00	3.4463e+01	-9.0163e+04
582	2033	-1.6541e+02	-2.8541e+02	5.4880e+00	2.0271e+01	-3.8231e+02	1.6332e+04
	2034	1.6541e+02	2.8541e+02	-5.4880e+00	-2.0271e+01	-1.7588e+02	-4.5361e+04
583	1967	-4.3870e+01	-6.4342e+01	-3.6075e+00	-7.7342e+00	-2.8671e+02	1.4617e+04
	2033	4.3870e+01	6.4342e+01	3.6075e+00	7.7342e+00	3.8277e+02	-1.6331e+04
584	2032	1.7849e+02	-1.3382e+02	-1.0712e+00	-2.1031e+01	1.5960e+02	-1.9938e+04
	1973	-1.7849e+02	1.3382e+02	1.0712e+00	2.1031e+01	0.0000e+00	0.0000e+00
585	2030	-1.2992e+01	2.7136e+01	2.0310e+00	8.3086e+00	-3.8711e+01	-1.7271e+04
	2032	1.2992e+01	-2.7136e+01	-2.0310e+00	-8.3086e+00	-1.6076e+02	1.9936e+04
586	2029	-1.5428e+02	2.3505e+02	-1.8713e+00	4.3614e+00	1.4882e+02	6.3663e+03
	2030	1.5428e+02	-2.3505e+02	1.8713e+00	-4.3614e+00	3.9351e+01	1.7270e+04
587	2028	-2.8664e+02	4.4949e+02	1.3725e+00	8.2790e+00	1.3897e+01	5.0499e+04
	2029	2.8664e+02	-4.4949e+02	-1.3725e+00	-8.2790e+00	-1.4866e+02	-6.3660e+03
588	1941	-2.5168e+02	7.4365e+02	1.8363e+00	1.1415e+01	-1.0817e+02	9.8946e+04
	2028	2.5168e+02	-7.4365e+02	-1.8363e+00	-1.1415e+01	-1.1462e+01	-5.0497e+04
589	2027	3.2639e+02	-9.2890e+02	1.8337e+00	1.0715e+01	-1.7896e+02	6.3108e+04
	1941	-3.2639e+02	9.2890e+02	-1.8337e+00	-1.0715e+01	1.0821e+02	-9.8946e+04
590	2026	2.2063e+02	-6.9857e+02	-3.9539e+00	4.4975e+00	2.2165e+02	-7.7201e+03
	2027	-2.2063e+02	6.9857e+02	3.9539e+00	-4.4975e+00	1.7922e+02	-6.3106e+04
591	2024	1.0055e+02	-4.6997e+02	6.3595e+00	2.6769e+01	-4.2161e+02	-5.5143e+04
	2026	-1.0055e+02	4.6997e+02	-6.3595e+00	-2.6769e+01	-2.2007e+02	7.7224e+03
592	2023	3.8313e+01	-2.2650e+02	-7.2105e+00	-2.0143e+01	3.0522e+02	-7.7989e+04
	2024	-3.8313e+01	2.2650e+02	7.2105e+00	2.0143e+01	4.2202e+02	5.5144e+04
593	2021	1.9420e+01	2.2793e+01	4.6686e+00	1.0084e+01	-1.7752e+02	-7.5630e+04
	2023	-1.9420e+01	-2.2793e+01	-4.6686e+00	-1.0084e+01	-3.0572e+02	7.7990e+04
594	2020	3.3512e+01	2.7368e+02	-3.1192e+00	-8.7524e+00	1.3035e+02	-4.8609e+04
	2021	-3.3512e+01	-2.7368e+02	3.1192e+00	8.7524e+00	1.7762e+02	7.5630e+04
595	2018	1.2058e+02	5.1377e+02	-8.5507e-02	5.4376e+00	1.3914e+02	3.1102e+03
	2020	-1.2058e+02	-5.1377e+02	8.5507e-02	-5.4376e+00	-1.3053e+02	4.8607e+04
596	2017	-2.5731e+02	-5.2140e+02	-3.8275e+00	8.5077e+00	2.8243e+02	4.5314e+04
	1951	2.5731e+02	5.2140e+02	3.8275e+00	-8.5077e+00	4.6224e+01	-9.0084e+04
597	2016	-1.6519e+02	-2.8503e+02	7.7833e+00	2.7342e+01	-5.1041e+02	1.6323e+04
	2017	1.6519e+02	2.8503e+02	-7.7833e+00	-2.7342e+01	-2.8123e+02	-4.5314e+04
598	1968	-4.3622e+01	-6.3979e+01	-4.8205e+00	-1.0047e+01	-3.8269e+02	1.4618e+04
	2016	4.3622e+01	6.3979e+01	4.8205e+00	1.0047e+01	5.1104e+02	-1.6322e+04
599	2015	5.3725e+02	-1.1217e+02	-1.5288e+00	-2.6580e+01	2.2778e+02	-1.6713e+04
	1972	-5.3725e+02	1.1217e+02	1.5288e+00	2.6580e+01	0.0000e+00	0.0000e+00
600	2013	3.1635e+02	1.5116e+01	3.5357e+00	1.5236e+01	-1.1844e+02	-1.5234e+04
	2015	-3.1635e+02	-1.5116e+01	-3.5357e+00	-1.5236e+01	-2.2881e+02	1.6719e+04
601	2012	1.4816e+02	2.2433e+02	-3.2237e+00	3.2107e+00	2.0481e+02	7.3216e+03
	2013	-1.4816e+02	-2.2433e+02	3.2237e+00	-3.2107e+00	1.1938e+02	1.5237e+04
602	2011	3.0041e+01	4.6300e+02	1.8653e+00	8.6498e+00	2.1508e+01	5.2781e+04
	2012	-3.0041e+01	-4.6300e+02	-1.8653e+00	-8.6498e+00	-2.0465e+02	-7.3218e+03
603	1940	4.4886e+01	7.1927e+02	2.5728e+00	1.3628e+01	-1.4887e+02	9.9653e+04
	2011	-4.4886e+01	-7.1927e+02	-2.5728e+00	-1.3628e+01	-1.8753e+01	-5.2792e+04
604	2010	6.2306e+02	-9.5592e+02	2.6757e+00	1.2667e+01	-2.5215e+02	6.2772e+04
	1940	-6.2306e+02	9.5592e+02	-2.6757e+00	-1.2667e+01	1.4891e+02	-9.9653e+04
605	2009	5.6771e+02	-7.0594e+02	-6.3117e+00	3.7001e+00	3.8752e+02	-8.7682e+03
	2010	-5.6771e+02	7.0594e+02	6.3117e+00	-3.7001e+00	2.5240e+02	-6.2805e+04
606	2007	4.3701e+02	-4.7100e+02	1.0392e+01	4.2660e+01	-6.6337e+02	-5.6257e+04
	2009	-4.3701e+02	4.7100e+02	-1.0392e+01	-4.2660e+01	-3.8519e+02	8.7319e+03

607	2006	4.1946e+02	-2.2916e+02	-1.2505e+01	-3.0790e+01	5.9724e+02	-7.9343e+04
	2007	-4.1946e+02	2.2916e+02	1.2505e+01	3.0790e+01	6.6405e+02	5.6230e+04
608	2004	3.9906e+02	2.4528e+01	1.0306e+01	2.8312e+01	-4.6943e+02	-7.6795e+04
	2006	-3.9906e+02	-2.4528e+01	-1.0306e+01	-2.8312e+01	-5.9737e+02	7.9334e+04
609	2003	4.0966e+02	2.7746e+02	-7.8430e+00	-2.1924e+01	3.0456e+02	-4.9415e+04
	2004	-4.0966e+02	-2.7746e+02	7.8430e+00	2.1924e+01	4.6979e+02	7.6809e+04
610	2001	5.0451e+02	5.1761e+02	1.5914e+00	1.1240e+01	1.4495e+02	2.6595e+03
	2003	-5.0451e+02	-5.1761e+02	-1.5914e+00	-1.1240e+01	-3.0514e+02	4.9445e+04
611	2000	-3.7637e+00	-5.5028e+02	-6.9383e+00	7.0929e+00	5.1027e+02	4.5876e+04
	1950	3.7637e+00	5.5028e+02	6.9383e+00	-7.0929e+00	8.5490e+01	-9.3126e+04
612	1999	-4.9913e+01	-2.7209e+02	1.2490e+01	4.1012e+01	-7.6167e+02	1.8197e+04
	2000	4.9913e+01	2.7209e+02	-1.2490e+01	-4.1012e+01	-5.0868e+02	-4.5871e+04
613	1969	9.5949e+01	-2.4801e+01	-7.1957e+00	-1.4784e+01	-5.7103e+02	1.7542e+04
	1999	-9.5949e+01	2.4801e+01	7.1957e+00	1.4784e+01	7.6263e+02	-1.8202e+04
614	1982	-2.7292e+02	-1.2539e+02	-2.6515e+00	-2.9283e+01	3.9506e+02	-1.8683e+04
	1971	2.7292e+02	1.2539e+02	2.6515e+00	2.9283e+01	0.0000e+00	0.0000e+00
615	1984	-4.2018e+02	3.0528e+01	7.1883e+00	4.2916e+01	-3.1220e+02	-1.5681e+04
	1982	4.2018e+02	-3.0528e+01	-7.1883e+00	-4.2916e+01	-3.9380e+02	1.8679e+04
616	1985	-4.9500e+02	1.8761e+02	-7.8828e+00	1.1206e+01	4.7777e+02	3.1875e+03
	1984	4.9500e+02	-1.8761e+02	7.8828e+00	-1.1206e+01	3.1493e+02	1.5679e+04
617	1986	-6.3093e+02	3.0929e+02	5.8580e+00	2.3993e+01	-9.7830e+01	3.3554e+04
	1985	6.3093e+02	-3.0929e+02	-5.8580e+00	-2.3993e+01	-4.7733e+02	-3.1874e+03
618	1938	-5.8280e+02	5.8580e+02	-6.3971e-01	-5.5778e-01	-5.9050e+01	7.1710e+04
	1986	5.8280e+02	-5.8580e+02	6.3971e-01	5.5778e-01	1.0073e+02	-3.3545e+04
619	1998	-1.5632e+02	-6.4489e+02	-8.3010e-01	-9.3344e-01	-2.7020e+01	4.6829e+04
	1938	1.5632e+02	6.4489e+02	8.3010e-01	9.3344e-01	5.9046e+01	-7.1710e+04
620	1997	-2.6240e+02	-5.0730e+02	-3.2518e+00	-1.8157e+00	3.0272e+02	-4.6340e+03
	1998	2.6240e+02	5.0730e+02	3.2518e+00	1.8157e+00	2.6968e+01	-4.6800e+04
621	1995	-3.3916e+02	-3.4098e+02	9.7509e+00	2.8643e+01	-6.8252e+02	-3.9074e+04
	1997	3.3916e+02	3.4098e+02	-9.7509e+00	-2.8643e+01	-3.0137e+02	4.6683e+03
622	1994	-3.6063e+02	-1.6085e+02	-1.5465e+01	-4.6753e+01	8.7823e+02	-5.5322e+04
	1995	3.6063e+02	1.6085e+02	1.5465e+01	4.6753e+01	6.8155e+02	3.9098e+04
623	1992	-3.7271e+02	1.5515e+01	1.8119e+01	4.0163e+01	-9.9692e+02	-5.3724e+04
	1994	3.7271e+02	-1.5515e+01	-1.8119e+01	-4.0163e+01	-8.7856e+02	5.5330e+04
624	1991	-2.1724e+02	2.0172e+02	-1.9634e+01	-6.7071e+01	9.4304e+02	-3.3795e+04
	1992	2.1724e+02	-2.0172e+02	1.9634e+01	6.7071e+01	9.9550e+02	5.3711e+04
625	1989	-1.6209e+02	3.6039e+02	1.5443e+01	3.5612e+01	-6.0981e+02	2.5110e+03
	1991	1.6209e+02	-3.6039e+02	-1.5443e+01	-3.5612e+01	-9.4475e+02	3.3767e+04
626	1988	-2.8108e+02	-3.5885e+02	5.6855e+00	3.9298e+01	-1.0081e+02	3.2073e+04
	1939	2.8108e+02	3.5885e+02	-5.6855e+00	-3.9298e+01	-3.8737e+02	-6.2886e+04
627	1987	-1.2319e+02	-2.1257e+02	3.4035e+00	3.2544e+01	-4.4938e+02	1.0457e+04
	1988	1.2319e+02	2.1257e+02	-3.4035e+00	-3.2544e+01	1.0321e+02	-3.2078e+04
628	1970	-5.9538e+01	-8.7322e+01	-4.3705e+00	-3.9783e-01	-3.3419e+02	8.1285e+03
	1987	5.9538e+01	8.7322e+01	4.3705e+00	3.9783e-01	4.5056e+02	-1.0454e+04
629	1910	0.0000e+00	1.1870e+02	0.0000e+00	2.0719e-01	0.0000e+00	8.1841e+03
	28	0.0000e+00	-1.1870e+02	0.0000e+00	-2.0719e-01	0.0000e+00	1.4012e+04
630	1905	0.0000e+00	8.6472e+01	0.0000e+00	-4.9287e+01	0.0000e+00	5.2227e+03
	33	0.0000e+00	-8.6472e+01	0.0000e+00	4.9287e+01	0.0000e+00	1.0947e+04
631	1915	0.0000e+00	8.5368e+01	0.0000e+00	2.9881e+01	0.0000e+00	5.1419e+03
	23	0.0000e+00	-8.5368e+01	0.0000e+00	-2.9881e+01	0.0000e+00	1.0822e+04
632	1894	-1.3220e+02	-2.6828e+02	-1.3696e+00	1.6052e+01	1.8140e+02	-3.2999e+04
	1981	1.3220e+02	2.6828e+02	1.3696e+00	-1.6052e+01	-1.2939e+01	0.0000e+00
633	1895	4.7713e+02	2.3601e+02	-1.3742e+00	4.6981e+00	1.7281e+02	2.9029e+04
	1980	-4.7713e+02	-2.3601e+02	1.3742e+00	-4.6981e+00	-3.7868e+00	-1.8190e-12
634	1896	2.3978e+02	2.6933e+01	-8.1239e-01	8.2425e-01	1.0059e+02	3.3128e+03

	1979	-2.3978e+02	-2.6933e+01	8.1239e-01	-8.2425e-01	-6.6437e-01	0.0000e+00
635	1897	2.0348e+02	-1.4156e+01	-4.6791e-01	-2.2300e+00	5.5755e+01	-1.7411e+03
	1978	-2.0348e+02	1.4156e+01	4.6791e-01	2.2300e+00	1.7974e+00	-1.4552e-11
636	1898	2.8421e+02	5.3319e+01	-1.2392e-01	-4.8235e+00	1.1354e+01	6.5582e+03
	1977	-2.8421e+02	-5.3319e+01	1.2392e-01	4.8235e+00	3.8879e+00	-7.2760e-12
637	1899	1.5320e+02	-6.4380e+01	1.7293e-01	-7.6465e+00	-2.7434e+01	-7.9187e+03
	1976	-1.5320e+02	6.4380e+01	-1.7293e-01	7.6465e+00	6.1633e+00	0.0000e+00
638	1900	2.7768e+02	4.5943e+01	4.5887e-01	-1.0393e+01	-6.4818e+01	5.6509e+03
	1975	-2.7768e+02	-4.5943e+01	-4.5887e-01	1.0393e+01	8.3769e+00	7.2760e-12
639	1901	2.1237e+02	-4.1287e+00	7.7041e-01	-1.3207e+01	-1.0541e+02	-5.0783e+02
	1974	-2.1237e+02	4.1287e+00	-7.7041e-01	1.3207e+01	1.0645e+01	7.2760e-12
640	1902	2.2295e+02	7.8273e+00	1.0712e+00	-1.6374e+01	-1.4496e+02	9.6275e+02
	1973	-2.2295e+02	-7.8273e+00	-1.0712e+00	1.6374e+01	1.3198e+01	7.2760e-12
641	1903	4.8868e+02	2.4982e+02	1.5288e+00	-2.0695e+01	-2.0472e+02	3.0727e+04
	1972	-4.8868e+02	-2.4982e+02	-1.5288e+00	2.0695e+01	1.6681e+01	-3.6380e-12
642	1904	-1.3380e+02	-2.6890e+02	2.6515e+00	-2.2799e+01	-3.4452e+02	-3.3075e+04
	1971	1.3380e+02	2.6890e+02	-2.6515e+00	2.2799e+01	1.8377e+01	5.8208e-11
2422	55	1.6653e-15	1.6927e+00	4.1633e-17	5.3869e+01	3.5527e-14	2.8405e+02
	56	-1.6653e-15	-1.6927e+00	-4.1633e-17	-5.3869e+01	7.8160e-14	3.9301e+02
2423	54	-5.5511e-16	-3.5681e-01	2.7062e-16	1.0753e+01	-7.2831e-14	-7.2655e+01
	55	5.5511e-16	3.5681e-01	-2.7062e-16	-1.0753e+01	-4.4409e-14	-8.4341e+01
2424	53	-5.5511e-16	1.3287e-01	-6.9389e-16	-1.2209e+00	-6.7502e-14	3.9616e+01
	54	5.5511e-16	-1.3287e-01	6.9389e-16	1.2209e+00	9.2371e-14	-2.4119e+00
2425	52	-6.6613e-16	4.8691e-02	1.1102e-16	-2.6880e+00	-8.8818e-16	-3.2557e+00
	53	6.6613e-16	-4.8691e-02	-1.1102e-16	2.6880e+00	2.9754e-14	2.4680e+01
2426	51	-5.5511e-16	-2.1362e-01	-1.2663e-16	-2.4006e+01	-8.3489e-14	-3.0135e+01
	52	5.5511e-16	2.1362e-01	1.2663e-16	2.4006e+01	1.7764e-15	-4.4633e+01
2427	50	9.9920e-16	1.3508e-01	1.7347e-16	2.3770e+01	-2.6645e-15	3.0630e+01
	51	-9.9920e-16	-1.3508e-01	-1.7347e-16	-2.3770e+01	7.8604e-14	1.6649e+01
2428	49	-1.6653e-16	-9.7674e-02	-7.6328e-17	3.3074e+00	-3.3307e-14	-3.5219e+01
	50	1.6653e-16	9.7674e-02	7.6328e-17	-3.3074e+00	-1.7764e-15	-7.7574e+00
2429	48	5.5511e-16	-2.5124e-01	4.1633e-16	-3.0355e-02	-4.9738e-14	-1.4233e+01
	49	-5.5511e-16	2.5124e-01	-4.1633e-16	3.0355e-02	1.1369e-13	-5.6116e+01
2430	47	-3.1086e-15	3.0706e-01	-2.7756e-17	-9.8059e+00	-4.4409e-14	7.3136e+01
	48	3.1086e-15	-3.0706e-01	2.7756e-17	9.8059e+00	-1.4211e-14	6.1969e+01
2431	35	1.6653e-15	-1.7663e+00	-1.5266e-16	-5.4961e+01	-6.2172e-14	-4.0840e+02
	47	-1.6653e-15	1.7663e+00	1.5266e-16	5.4961e+01	-2.1316e-14	-2.9813e+02
2432	45	4.4409e-16	2.2899e+00	1.5266e-16	-1.7169e+01	1.4211e-14	3.7626e+02
	46	-4.4409e-16	-2.2899e+00	-1.5266e-16	1.7169e+01	5.6843e-14	5.3970e+02
2433	44	0.0000e+00	-1.3533e+00	2.2204e-16	-1.6953e+01	-6.2172e-14	-3.0313e+02
	45	0.0000e+00	1.3533e+00	-2.2204e-16	1.6953e+01	-3.3751e-14	-2.9232e+02
2434	43	1.7764e-15	-2.2507e-01	-6.9389e-17	-3.8271e+00	9.9476e-14	2.6378e+01
	44	-1.7764e-15	2.2507e-01	6.9389e-17	3.8271e+00	3.5527e-14	-8.9398e+01
2435	42	8.8818e-16	2.3450e-01	1.1449e-16	1.2925e+00	-1.7764e-15	1.4214e+01
	43	-8.8818e-16	-2.3450e-01	-1.1449e-16	-1.2925e+00	2.9754e-14	8.8966e+01
2436	65	-8.8818e-16	3.9492e-01	1.5266e-16	4.4938e+01	1.4211e-14	1.9176e+01
	66	8.8818e-16	-3.9492e-01	-1.5266e-16	-4.4938e+01	5.6843e-14	1.3879e+02
2437	64	0.0000e+00	-1.1220e+00	1.9429e-16	2.5488e+01	-5.6843e-14	-2.6243e+02
	65	0.0000e+00	1.1220e+00	-1.9429e-16	-2.5488e+01	-2.8422e-14	-2.3127e+02
2438	63	0.0000e+00	6.1778e-04	-7.2164e-16	4.4829e+00	-6.3949e-14	5.3714e+01
	64	0.0000e+00	-6.1778e-04	7.2164e-16	-4.4829e+00	9.5923e-14	-5.3541e+01
2439	62	8.8818e-16	1.6237e-01	1.7347e-16	2.3137e+00	-1.4211e-14	-1.1465e-01
	63	-8.8818e-16	-1.6237e-01	-1.7347e-16	-2.3137e+00	1.6875e-14	7.1556e+01
2440	61	-1.3323e-15	4.1714e-01	-1.7000e-16	-8.6321e-01	-7.6383e-14	9.2482e+01
	62	1.3323e-15	-4.1714e-01	1.7000e-16	8.6321e-01	8.4377e-15	5.3518e+01

2441	41	-1.3323e-15	-5.9255e-01	-2.4286e-17	6.9242e+00	-1.0303e-13	-8.6661e+01
	42	1.3323e-15	5.9255e-01	2.4286e-17	-6.9242e+00	-1.9318e-14	-1.2073e+02
2442	40	8.8818e-16	4.9840e-01	1.2663e-16	-6.9016e+00	5.5511e-15	1.0363e+02
	41	-8.8818e-16	-4.9840e-01	-1.2663e-16	6.9016e+00	8.7041e-14	7.0805e+01
2443	39	8.8818e-16	-2.2987e-01	-1.0755e-16	-1.5480e-01	-2.8866e-14	-8.7168e+01
	40	-8.8818e-16	2.2987e-01	1.0755e-16	1.5480e-01	1.7764e-15	-1.3975e+01
2444	38	8.8818e-16	-6.5090e-02	4.3021e-16	2.4243e+00	-5.3291e-14	4.8422e+01
	39	-8.8818e-16	6.5090e-02	-4.3021e-16	-2.4243e+00	-1.2079e-13	-6.6647e+01
2445	37	-4.4409e-16	1.4048e+00	5.5511e-17	1.8950e+01	5.6843e-14	3.0301e+02
	38	4.4409e-16	-1.4048e+00	-5.5511e-17	-1.8950e+01	-2.6645e-14	3.1511e+02
2446	34	-4.4409e-16	-2.4202e+00	-2.2204e-16	1.6402e+01	-4.7962e-14	-5.6572e+02
	37	4.4409e-16	2.4202e+00	2.2204e-16	-1.6402e+01	-3.5527e-15	-4.0235e+02
2447	60	-8.8818e-16	-5.1685e-01	-1.5613e-17	1.4160e+00	2.8422e-14	-7.1241e+01
	61	8.8818e-16	5.1685e-01	1.5613e-17	-1.4160e+00	1.1102e-13	-1.0966e+02
2448	59	8.8818e-16	-2.2161e-01	-7.2858e-17	-2.1329e+00	-3.5083e-14	-8.4384e+01
	60	-8.8818e-16	2.2161e-01	7.2858e-17	2.1329e+00	-3.5527e-15	-1.3124e+01
2449	58	0.0000e+00	-1.5990e-01	4.1633e-17	-3.6385e+00	-3.5527e-15	3.1052e+01
	59	0.0000e+00	1.5990e-01	-4.1633e-17	3.6385e+00	-7.1054e-14	-7.5825e+01
2450	57	0.0000e+00	1.0750e+00	1.1796e-16	-2.6142e+01	4.4409e-14	2.2051e+02
	58	0.0000e+00	-1.0750e+00	-1.1796e-16	2.6142e+01	-3.9080e-14	2.5248e+02
2451	36	-4.4409e-16	-4.8273e-01	-2.2204e-16	-4.4741e+01	-4.9738e-14	-1.5721e+02
	57	4.4409e-16	4.8273e-01	2.2204e-16	4.4741e+01	-3.5527e-15	-3.5879e+01
2452	56	-1.4211e-14	2.5432e+01	-3.4694e-18	8.7480e+01	1.7764e-15	5.9921e+03
	46	1.4211e-14	-2.5432e+01	3.4694e-18	-8.7480e+01	5.5511e-16	5.0960e+03
2453	66	-8.5265e-14	-3.4363e+01	2.0817e-17	-7.6711e+01	-3.1086e-15	-4.3531e+03
	56	8.5265e-14	3.4363e+01	-2.0817e-17	7.6711e+01	0.0000e+00	-6.0934e+03
2454	55	2.8422e-14	2.6498e+01	3.4694e-18	1.1574e+01	-2.2204e-15	6.4011e+03
	45	-2.8422e-14	-2.6498e+01	-3.4694e-18	-1.1574e+01	-1.4433e-15	5.1520e+03
2455	65	-1.7764e-14	-4.1106e+01	6.9389e-18	-5.5411e+01	1.3323e-15	-5.4098e+03
	55	1.7764e-14	4.1106e+01	-6.9389e-18	5.5411e+01	8.8818e-16	-7.0864e+03
2456	54	-2.8422e-14	2.9529e+01	6.9389e-18	-2.2903e+01	-4.4409e-16	7.1377e+03
	44	2.8422e-14	-2.9529e+01	-6.9389e-18	2.2903e+01	1.1102e-15	5.7371e+03
2457	64	-1.1013e-13	-4.6572e+01	2.0817e-17	3.8773e+01	-3.1086e-15	-6.1829e+03
	54	1.1013e-13	4.6572e+01	-2.0817e-17	-3.8773e+01	0.0000e+00	-7.9750e+03
2458	53	-2.6645e-14	2.9984e+01	-3.4694e-18	4.9026e+01	-8.8818e-16	7.2413e+03
	43	2.6645e-14	-2.9984e+01	3.4694e-18	-4.9026e+01	9.9920e-16	5.8316e+03
2459	63	3.0198e-14	-4.7030e+01	-1.3878e-17	-5.2470e+01	2.2204e-15	-6.2383e+03
	53	-3.0198e-14	4.7030e+01	1.3878e-17	5.2470e+01	-1.7764e-15	-8.0589e+03
2460	52	2.7089e-14	2.9693e+01	-3.4694e-18	-2.2728e+01	-4.4409e-16	7.1669e+03
	42	-2.7089e-14	-2.9693e+01	3.4694e-18	2.2728e+01	1.1102e-15	5.7791e+03
2461	62	1.0658e-13	-4.6189e+01	0.0000e+00	4.3669e+01	-3.9968e-15	-6.0909e+03
	52	-1.0658e-13	4.6189e+01	0.0000e+00	-4.3669e+01	1.7764e-15	-7.9507e+03
2462	51	-2.5879e-15	2.9585e+01	-3.4694e-18	1.1343e+00	-4.4409e-16	7.0761e+03
	41	2.5879e-15	-2.9585e+01	3.4694e-18	-1.1343e+00	1.1102e-16	5.8227e+03
2463	61	-2.9937e-14	-4.3386e+01	2.0817e-17	8.8844e-01	1.3323e-15	-5.5926e+03
	51	2.9937e-14	4.3386e+01	-2.0817e-17	-8.8844e-01	-8.8818e-16	-7.5968e+03
2464	50	-4.9294e-14	2.9758e+01	1.7347e-18	2.4114e+01	1.7764e-15	7.1806e+03
	40	4.9294e-14	-2.9758e+01	-1.7347e-18	-2.4114e+01	-8.8818e-16	5.7938e+03
2465	60	-1.0481e-13	-4.6189e+01	6.9389e-18	-4.1835e+01	0.0000e+00	-6.0883e+03
	50	1.0481e-13	4.6189e+01	-6.9389e-18	4.1835e+01	-3.5527e-15	-7.9530e+03
2466	49	8.8818e-15	2.9997e+01	8.6736e-18	-4.5977e+01	1.7764e-15	7.2422e+03
	39	-8.8818e-15	-2.9997e+01	-8.6736e-18	4.5977e+01	1.1102e-16	5.8365e+03
2467	59	-1.7764e-14	-4.6954e+01	-1.3878e-17	5.4441e+01	2.2204e-15	-6.2260e+03
	49	1.7764e-14	4.6954e+01	1.3878e-17	-5.4441e+01	-1.7764e-15	-8.0481e+03
2468	48	2.8422e-14	2.9688e+01	-8.6736e-18	2.5404e+01	4.4409e-16	7.1705e+03

	38	-2.8422e-14	-2.9688e+01	8.6736e-18	-2.5404e+01	1.1102e-15	5.7733e+03
2469	58	-8.5265e-14	-4.6538e+01	2.0817e-17	-3.6475e+01	-2.2204e-15	-6.1717e+03
	48	8.5265e-14	4.6538e+01	-2.0817e-17	3.6475e+01	0.0000e+00	-7.9758e+03
2470	47	-2.1316e-14	2.6475e+01	-3.4694e-18	-1.0260e+01	4.4409e-16	6.3915e+03
	37	2.1316e-14	-2.6475e+01	3.4694e-18	1.0260e+01	1.1102e-15	5.1516e+03
2471	57	-3.5527e-15	-4.0860e+01	-2.7756e-17	5.8339e+01	3.1086e-15	-5.3728e+03
	47	3.5527e-15	4.0860e+01	2.7756e-17	-5.8339e+01	8.8818e-16	-7.0488e+03
2472	35	-3.5527e-15	2.5555e+01	1.7347e-18	-8.4254e+01	1.7764e-15	6.0137e+03
	34	3.5527e-15	-2.5555e+01	-1.7347e-18	8.4254e+01	-8.8818e-16	5.1284e+03
2473	36	1.1013e-13	-3.4098e+01	-2.7756e-17	8.0450e+01	1.3323e-15	-4.3085e+03
	35	-1.1013e-13	3.4098e+01	2.7756e-17	-8.0450e+01	-8.8818e-16	-6.0574e+03
2474	33	1.0698e+03	2.2472e+01	4.4710e+00	-7.9188e-01	-1.6617e+03	5.1077e+03
	66	-1.0698e+03	-2.2472e+01	-4.4710e+00	7.9188e-01	-2.2959e+02	4.3980e+03
2475	22	5.8102e+01	1.1222e+00	3.5824e+00	-7.9188e-01	-1.2865e+03	3.1956e+02
	56	-5.8102e+01	-1.1222e+00	-3.5824e+00	7.9188e-01	-2.2882e+02	1.5513e+02
2476	21	6.9654e+01	2.6406e+00	4.1551e-01	-7.9188e-01	-4.3036e+01	4.7477e+02
	55	-6.9654e+01	-2.6406e+00	-4.1551e-01	7.9188e-01	-1.3273e+02	6.4219e+02
2477	32	1.6437e+03	2.7922e+01	-9.3589e-01	-7.9188e-01	2.4945e+02	6.4207e+03
	65	-1.6437e+03	-2.7922e+01	9.3589e-01	7.9188e-01	1.4643e+02	5.3903e+03
2478	20	7.5612e+01	3.5285e+00	-3.3433e-01	-7.9188e-01	1.2803e+02	6.6716e+02
	54	-7.5612e+01	-3.5285e+00	3.3433e-01	7.9188e-01	1.3390e+01	8.2538e+02
2479	19	7.7098e+01	3.5025e+00	1.6572e-01	-7.9188e-01	-1.0730e+02	6.6534e+02
	53	-7.7098e+01	-3.5025e+00	-1.6572e-01	7.9188e-01	3.7200e+01	8.1619e+02
2480	8	1.7571e+03	-3.3528e+01	2.3704e+00	-7.9188e-01	-8.4139e+02	-8.3558e+03
	43	-1.7571e+03	3.3528e+01	-2.3704e+00	7.9188e-01	-1.6131e+02	-5.8265e+03
2481	9	1.7234e+03	-3.2902e+01	-3.6159e+00	-7.9188e-01	1.1105e+03	-8.1937e+03
	44	-1.7234e+03	3.2902e+01	3.6159e+00	7.9188e-01	4.1903e+02	-5.7240e+03
2482	10	1.7586e+03	-2.9514e+01	2.9523e-01	-7.9188e-01	-3.3712e+01	-7.3328e+03
	45	-1.7586e+03	2.9514e+01	-2.9523e-01	7.9188e-01	-9.1173e+01	-5.1518e+03
2483	11	1.2725e+03	-2.9878e+01	7.7812e+00	-7.9188e-01	-2.6727e+03	-7.5253e+03
	46	-1.2725e+03	2.9878e+01	-7.7812e+00	7.9188e-01	-6.1871e+02	-5.1132e+03
2484	31	1.5643e+03	3.2416e+01	-3.1500e+00	-7.9188e-01	9.8512e+02	7.5499e+03
	64	-1.5643e+03	-3.2416e+01	3.1500e+00	7.9188e-01	3.4735e+02	6.1619e+03
2485	30	1.5675e+03	3.2839e+01	2.3493e+00	-7.9188e-01	-8.0999e+02	7.6548e+03
	63	-1.5675e+03	-3.2839e+01	-2.3493e+00	7.9188e-01	-1.8376e+02	6.2361e+03
2486	18	7.6144e+01	3.2401e+00	-1.3654e-01	-7.9188e-01	7.6266e+01	6.0810e+02
	52	-7.6144e+01	-3.2401e+00	1.3654e-01	7.9188e-01	-1.8509e+01	7.6244e+02
2487	6	1.7482e+03	-3.3849e+01	-9.3797e-02	-7.9188e-01	2.2906e+01	-8.4817e+03
	41	-1.7482e+03	3.3849e+01	9.3797e-02	7.9188e-01	1.6770e+01	-5.8366e+03
2488	29	1.7210e+03	3.1700e+01	-6.5952e-01	-7.9188e-01	2.9267e+02	7.3214e+03
	62	-1.7210e+03	-3.1700e+01	6.5952e-01	7.9188e-01	-1.3692e+01	6.0877e+03
2489	17	7.2622e+01	2.6338e+00	-7.7717e-02	-7.9188e-01	1.9142e+01	5.4566e+02
	51	-7.2622e+01	-2.6338e+00	7.7717e-02	7.9188e-01	1.3732e+01	5.6842e+02
2490	7	1.8761e+03	-3.3188e+01	-1.5936e+00	-7.9188e-01	5.4228e+02	-8.2651e+03
	42	-1.8761e+03	3.3188e+01	1.5936e+00	7.9188e-01	1.3183e+02	-5.7734e+03
2491	5	1.8820e+03	-3.3265e+01	1.4810e+00	-7.9188e-01	-5.1421e+02	-8.2841e+03
	40	-1.8820e+03	3.3265e+01	-1.4810e+00	7.9188e-01	-1.1226e+02	-5.7871e+03
2492	28	1.5318e+03	2.8222e+01	-9.0661e-02	-7.9188e-01	2.2958e+01	6.3429e+03
	61	-1.5318e+03	-2.8222e+01	9.0661e-02	7.9188e-01	1.5392e+01	5.5949e+03
2493	16	7.6179e+01	3.1937e+00	-8.5177e-03	-7.9188e-01	-3.9474e+01	5.9895e+02
	50	-7.6179e+01	-3.1937e+00	8.5177e-03	7.9188e-01	4.3077e+01	7.5198e+02
2494	27	1.7215e+03	3.1682e+01	4.9238e-01	-7.9188e-01	-2.4923e+02	7.3167e+03
	60	-1.7215e+03	-3.1682e+01	-4.9238e-01	7.9188e-01	4.0955e+01	6.0847e+03
2495	4	1.7492e+03	-3.3581e+01	-2.5846e+00	-7.9188e-01	8.9272e+02	-8.3706e+03
	39	-1.7492e+03	3.3581e+01	2.5846e+00	7.9188e-01	2.0059e+02	-5.8340e+03

2496	15	7.7105e+01	3.4344e+00	-3.2424e-01	-7.9188e-01	1.4624e+02	6.5025e+02
	49	-7.7105e+01	-3.4344e+00	3.2424e-01	7.9188e-01	-9.0829e+00	8.0252e+02
2497	26	1.5670e+03	3.2778e+01	-2.5302e+00	-7.9188e-01	8.5588e+02	7.6406e+03
	59	-1.5670e+03	-3.2778e+01	2.5302e+00	7.9188e-01	2.1440e+02	6.2245e+03
2498	3	1.7384e+03	-3.3084e+01	3.4558e+00	-7.9188e-01	-1.0729e+03	-8.2376e+03
	38	-1.7384e+03	3.3084e+01	-3.4558e+00	7.9188e-01	-3.8890e+02	-5.7568e+03
2499	14	7.5667e+01	3.3939e+00	1.7768e-01	-7.9188e-01	-8.9301e+01	6.4006e+02
	48	-7.5667e+01	-3.3939e+00	-1.7768e-01	7.9188e-01	1.4142e+01	7.9557e+02
2500	25	1.5654e+03	3.2342e+01	2.9850e+00	-7.9188e-01	-9.4288e+02	7.5315e+03
	58	-1.5654e+03	-3.2342e+01	-2.9850e+00	7.9188e-01	-3.1979e+02	6.1492e+03
2501	2	1.7477e+03	-2.9532e+01	-3.9480e-01	-7.9188e-01	5.8738e+01	-7.3379e+03
	37	-1.7477e+03	2.9532e+01	3.9480e-01	7.9188e-01	1.0826e+02	-5.1541e+03
2502	13	6.9409e+01	2.4923e+00	-5.5764e-01	-7.9188e-01	7.9483e+01	4.4211e+02
	47	-6.9409e+01	-2.4923e+00	5.5764e-01	7.9188e-01	1.5640e+02	6.1212e+02
2503	24	1.6393e+03	2.7733e+01	7.9789e-01	-7.9188e-01	-2.1202e+02	6.3771e+03
	57	-1.6393e+03	-2.7733e+01	-7.9789e-01	7.9188e-01	-1.2548e+02	5.3542e+03
2504	1	1.2768e+03	-3.0053e+01	-7.9982e+00	-7.9188e-01	2.7308e+03	-7.5677e+03
	34	-1.2768e+03	3.0053e+01	7.9982e+00	7.9188e-01	6.5245e+02	-5.1448e+03
2505	12	5.7887e+01	8.4869e-01	-3.6916e+00	-7.9188e-01	1.3179e+03	2.6040e+02
	35	-5.7887e+01	-8.4869e-01	3.6916e+00	7.9188e-01	2.4370e+02	9.8596e+01
2506	23	1.0647e+03	2.2239e+01	-4.5484e+00	-7.9188e-01	1.6874e+03	5.0537e+03
	36	-1.0647e+03	-2.2239e+01	4.5484e+00	7.9188e-01	2.3655e+02	4.3532e+03
654	1906	0.0000e+00	-1.4017e+02	0.0000e+00	2.5804e+03	0.0000e+00	-9.2787e+03
	1905	0.0000e+00	-1.1714e+02	0.0000e+00	-5.2227e+03	0.0000e+00	-4.9287e+01
655	1907	0.0000e+00	-9.5261e+01	0.0000e+00	6.8631e+02	0.0000e+00	-5.0416e+03
	1906	0.0000e+00	-1.2358e+02	0.0000e+00	-2.5804e+03	0.0000e+00	9.2787e+03
656	1908	0.0000e+00	-8.0821e+01	0.0000e+00	-3.2538e+02	0.0000e+00	-5.2762e+03
	1907	0.0000e+00	-7.9829e+01	0.0000e+00	-6.8631e+02	0.0000e+00	5.0416e+03
657	1909	0.0000e+00	-9.4494e+01	0.0000e+00	-2.0935e+03	0.0000e+00	-5.3523e+03
	1908	0.0000e+00	-9.2920e+01	0.0000e+00	3.2538e+02	0.0000e+00	5.2762e+03
658	1910	0.0000e+00	-1.4260e+02	0.0000e+00	-4.0870e+03	0.0000e+00	-9.8530e+03
	1909	0.0000e+00	-9.8200e+01	0.0000e+00	2.0935e+03	0.0000e+00	5.3523e+03
659	1911	0.0000e+00	-9.8059e+01	0.0000e+00	2.1048e+03	0.0000e+00	-5.3377e+03
	1910	0.0000e+00	-1.4259e+02	0.0000e+00	-4.0971e+03	0.0000e+00	9.8532e+03
660	1912	0.0000e+00	-9.3085e+01	0.0000e+00	3.4277e+02	0.0000e+00	-5.3005e+03
	1911	0.0000e+00	-9.4362e+01	0.0000e+00	-2.1048e+03	0.0000e+00	5.3377e+03
661	1913	0.0000e+00	-7.9470e+01	0.0000e+00	-6.6151e+02	0.0000e+00	-4.9990e+03
	1912	0.0000e+00	-8.1040e+01	0.0000e+00	-3.4277e+02	0.0000e+00	5.3005e+03
662	1914	0.0000e+00	-1.2489e+02	0.0000e+00	-2.5349e+03	0.0000e+00	-9.3934e+03
	1913	0.0000e+00	-9.5095e+01	0.0000e+00	6.6151e+02	0.0000e+00	4.9990e+03
663	1915	0.0000e+00	-1.1968e+02	0.0000e+00	-5.1419e+03	0.0000e+00	2.9881e+01
	1914	0.0000e+00	-1.4217e+02	0.0000e+00	2.5349e+03	0.0000e+00	9.3934e+03
664	1895	0.0000e+00	-2.1902e+02	0.0000e+00	-2.5870e+04	0.0000e+00	-2.3808e+04
	1894	0.0000e+00	1.1037e+02	0.0000e+00	3.4129e+04	0.0000e+00	-1.3890e+03
665	1896	0.0000e+00	-1.5398e+02	0.0000e+00	2.5805e+03	0.0000e+00	-7.0434e+03
	1895	0.0000e+00	-2.8331e+02	0.0000e+00	1.1026e+02	0.0000e+00	2.3606e+04
666	1897	0.0000e+00	-1.1077e+02	0.0000e+00	3.4756e+03	0.0000e+00	-6.5962e+03
	1896	0.0000e+00	-1.1962e+02	0.0000e+00	-1.2814e+03	0.0000e+00	7.1639e+03
667	1898	0.0000e+00	-1.6069e+02	0.0000e+00	7.3191e+02	0.0000e+00	-1.1513e+04
	1897	0.0000e+00	-1.2650e+02	0.0000e+00	2.7608e+03	0.0000e+00	6.3971e+03
668	1899	0.0000e+00	-9.2971e+01	0.0000e+00	6.2196e+03	0.0000e+00	-3.2955e+03
	1898	0.0000e+00	-1.5643e+02	0.0000e+00	-2.8801e+03	0.0000e+00	1.1608e+04
669	1900	0.0000e+00	-1.5285e+02	0.0000e+00	-2.4152e+03	0.0000e+00	-1.1222e+04
	1899	0.0000e+00	-9.2924e+01	0.0000e+00	5.8226e+03	0.0000e+00	3.3258e+03
670	1901	0.0000e+00	-1.3033e+02	0.0000e+00	2.4483e+03	0.0000e+00	-6.9738e+03

	1900	0.0000e+00	-1.5759e+02	0.0000e+00	1.1269e+03	0.0000e+00	1.1178e+04
671	1902	0.0000e+00	-1.1045e+02	0.0000e+00	-2.4989e+02	0.0000e+00	-6.2030e+03
	1901	0.0000e+00	-1.1577e+02	0.0000e+00	2.5432e+03	0.0000e+00	7.2315e+03
672	1903	0.0000e+00	-2.8879e+02	0.0000e+00	-1.1247e+03	0.0000e+00	-2.4255e+04
	1902	0.0000e+00	-1.4611e+02	0.0000e+00	3.8230e+03	0.0000e+00	6.1292e+03
673	1904	0.0000e+00	1.1154e+02	0.0000e+00	3.4302e+04	0.0000e+00	1.5620e+03
	1903	0.0000e+00	-2.2533e+02	0.0000e+00	-2.6254e+04	0.0000e+00	2.4486e+04

SFORZI "Q3" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-4.9239e+01	2.0450e-19	3.6316e-19	4.9888e-02	0.0000e+00	0.0000e+00
	1923	4.9239e+01	-2.0450e-19	-3.6316e-19	-4.9888e-02	0.0000e+00	0.0000e+00
2	1916	-7.3570e+01	0.0000e+00	0.0000e+00	-1.7877e-01	0.0000e+00	0.0000e+00
	1921	7.3570e+01	0.0000e+00	0.0000e+00	1.7877e-01	0.0000e+00	0.0000e+00
3	2085	-5.5559e+01	-8.2917e-19	2.9584e-19	8.1537e-02	0.0000e+00	0.0000e+00
	1918	5.5559e+01	8.2917e-19	-2.9584e-19	-8.1537e-02	0.0000e+00	0.0000e+00
4	2008	1.7185e+02	1.1561e-17	7.3061e-19	1.0394e-01	0.0000e+00	0.0000e+00
	2079	-1.7185e+02	-1.1561e-17	-7.3061e-19	-1.0394e-01	0.0000e+00	0.0000e+00
5	1919	2.1180e+02	2.3619e-18	2.1855e-19	-2.9439e-01	0.0000e+00	0.0000e+00
	2056	-2.1180e+02	-2.3619e-18	-2.1855e-19	2.9439e-01	0.0000e+00	0.0000e+00
6	2098	1.3851e+02	-1.7629e-18	-1.8363e-18	-9.5417e-02	0.0000e+00	0.0000e+00
	1937	-1.3851e+02	1.7629e-18	1.8363e-18	9.5417e-02	0.0000e+00	0.0000e+00
7	2042	2.1233e+01	-2.4493e-18	-1.9308e-22	3.2174e-01	0.0000e+00	0.0000e+00
	2107	-2.1233e+01	2.4493e-18	1.9308e-22	-3.2174e-01	0.0000e+00	0.0000e+00
8	1925	4.3844e+01	1.9035e-18	4.0844e-21	3.3400e-01	0.0000e+00	0.0000e+00
	2008	-4.3844e+01	-1.9035e-18	-4.0844e-21	-3.3400e-01	0.0000e+00	0.0000e+00
9	2109	5.1797e+00	1.4137e-17	-4.5253e-19	4.1435e-01	0.0000e+00	0.0000e+00
	2123	-5.1797e+00	-1.4137e-17	4.5253e-19	-4.1435e-01	0.0000e+00	0.0000e+00
10	2084	2.6483e+01	1.6268e-18	4.0481e-21	3.5321e-01	0.0000e+00	0.0000e+00
	2106	-2.6483e+01	-1.6268e-18	-4.0481e-21	-3.5321e-01	0.0000e+00	0.0000e+00
11	2083	-3.8391e+01	-5.6605e-18	5.7235e-19	3.8256e-01	0.0000e+00	0.0000e+00
	2078	3.8391e+01	5.6605e-18	-5.7235e-19	-3.8256e-01	0.0000e+00	0.0000e+00
12	2058	3.4676e+01	-1.3035e-18	1.3189e-19	3.9966e-01	0.0000e+00	0.0000e+00
	2077	-3.4676e+01	1.3035e-18	-1.3189e-19	-3.9966e-01	0.0000e+00	0.0000e+00
13	2041	-2.0909e+01	1.4769e-18	6.6293e-22	3.4067e-01	0.0000e+00	0.0000e+00
	2055	2.0909e+01	-1.4769e-18	-6.6293e-22	-3.4067e-01	0.0000e+00	0.0000e+00
14	2024	-1.0930e+01	1.6193e-17	-6.4342e-19	4.1051e-01	0.0000e+00	0.0000e+00
	2038	1.0930e+01	-1.6193e-17	6.4342e-19	-4.1051e-01	0.0000e+00	0.0000e+00
15	2007	-2.5934e+01	1.1302e-18	-8.4674e-21	3.3384e-01	0.0000e+00	0.0000e+00
	2021	2.5934e+01	-1.1302e-18	8.4674e-21	-3.3384e-01	0.0000e+00	0.0000e+00
16	1982	4.8632e+01	4.3313e-19	-6.9176e-19	6.0526e-02	0.0000e+00	0.0000e+00
	2012	-4.8632e+01	-4.3313e-19	6.9176e-19	-6.0526e-02	0.0000e+00	0.0000e+00
17	1985	8.2380e+01	0.0000e+00	0.0000e+00	-2.6983e-01	0.0000e+00	0.0000e+00
	2010	-8.2380e+01	0.0000e+00	0.0000e+00	2.6983e-01	0.0000e+00	0.0000e+00
18	1998	5.4648e+01	-7.0538e-19	-2.4502e-20	-6.9696e-02	0.0000e+00	0.0000e+00
	2007	-5.4648e+01	7.0538e-19	2.4502e-20	6.9696e-02	0.0000e+00	0.0000e+00
19	1995	-3.2403e+01	1.1884e-18	-1.4706e-19	2.8413e-01	0.0000e+00	0.0000e+00
	2004	3.2403e+01	-1.1884e-18	1.4706e-19	-2.8413e-01	0.0000e+00	0.0000e+00
20	1992	-1.7293e+02	-1.4982e-18	-6.6124e-19	2.4150e-01	0.0000e+00	0.0000e+00
	2001	1.7293e+02	1.4982e-18	6.6124e-19	-2.4150e-01	0.0000e+00	0.0000e+00
21	1989	-2.0327e+02	1.7269e-18	1.0218e-18	-1.6624e-01	0.0000e+00	0.0000e+00
	2000	2.0327e+02	-1.7269e-18	-1.0218e-18	1.6624e-01	0.0000e+00	0.0000e+00
22	1988	-1.4188e+02	-3.0415e-19	2.9105e-19	-8.0303e-02	0.0000e+00	0.0000e+00
	1928	1.4188e+02	3.0415e-19	-2.9105e-19	8.0303e-02	0.0000e+00	0.0000e+00
643	1905	1.7524e+01	4.7095e-14	1.6530e-15	4.6056e+01	0.0000e+00	0.0000e+00

	1960	-1.7524e+01	-4.7095e-14	-1.6530e-15	-4.6056e+01	0.0000e+00	0.0000e+00
644	1906	1.5072e+02	5.7556e-14	1.5544e-15	1.5168e+01	0.0000e+00	0.0000e+00
	1961	-1.5072e+02	-5.7556e-14	-1.5544e-15	-1.5168e+01	0.0000e+00	0.0000e+00
645	1907	1.0005e+02	5.8985e-14	1.3307e-15	8.2199e+00	0.0000e+00	0.0000e+00
	1962	-1.0005e+02	-5.8985e-14	-1.3307e-15	-8.2199e+00	0.0000e+00	0.0000e+00
646	1908	9.9281e+01	5.9990e-14	1.1743e-15	4.2751e+00	0.0000e+00	0.0000e+00
	1963	-9.9281e+01	-5.9990e-14	-1.1743e-15	-4.2751e+00	0.0000e+00	0.0000e+00
647	1909	1.1011e+02	6.3936e-14	9.1414e-16	-1.4563e+00	0.0000e+00	0.0000e+00
	1964	-1.1011e+02	-6.3936e-14	-9.1414e-16	1.4563e+00	0.0000e+00	0.0000e+00
648	1910	9.5135e+01	5.9476e-14	7.0427e-16	-6.0091e+00	0.0000e+00	0.0000e+00
	1965	-9.5135e+01	-5.9476e-14	-7.0427e-16	6.0091e+00	0.0000e+00	0.0000e+00
649	1911	1.0995e+02	6.4134e-14	4.9821e-16	-1.1008e+01	0.0000e+00	0.0000e+00
	1966	-1.0995e+02	-6.4134e-14	-4.9821e-16	1.1008e+01	0.0000e+00	0.0000e+00
650	1912	9.9500e+01	5.9735e-14	2.5299e-16	-1.8290e+01	0.0000e+00	0.0000e+00
	1967	-9.9500e+01	-5.9735e-14	-2.5299e-16	1.8290e+01	0.0000e+00	0.0000e+00
651	1913	9.9751e+01	5.9404e-14	1.1422e-16	-2.4147e+01	0.0000e+00	0.0000e+00
	1968	-9.9751e+01	-5.9404e-14	-1.1422e-16	2.4147e+01	0.0000e+00	0.0000e+00
652	1914	1.5261e+02	5.7067e-14	-6.5938e-17	-3.5893e+01	0.0000e+00	0.0000e+00
	1969	-1.5261e+02	-5.7067e-14	6.5938e-17	3.5893e+01	0.0000e+00	0.0000e+00
653	1915	1.9607e+01	4.6974e-14	-1.5547e-16	-1.3057e+01	0.0000e+00	0.0000e+00
	1970	-1.9607e+01	-4.6974e-14	1.5547e-16	1.3057e+01	0.0000e+00	0.0000e+00
237	2116	-5.0686e+01	2.9033e+02	-4.3065e+00	-1.7028e+01	2.9331e+02	3.0748e+04
	2079	5.0686e+01	-2.9033e+02	4.3065e+00	1.7028e+01	1.3771e+02	-1.6893e+03
238	1959	-3.3755e+00	3.6714e+02	8.7621e+00	6.8959e-01	1.7584e+02	3.5704e+04
	2116	3.3755e+00	-3.6714e+02	-8.7621e+00	-6.8959e-01	-2.9381e+02	-3.0762e+04
239	2110	1.9867e+02	4.3389e+02	3.4671e+00	8.8375e+00	-8.5336e+01	4.5250e+04
	1919	-1.9867e+02	-4.3389e+02	-3.4671e+00	-8.8375e+00	-2.6167e+02	-1.8232e+03
240	1958	2.8687e+02	5.7710e+02	7.1557e-01	3.6758e+00	-9.5347e+01	5.3004e+04
	2110	-2.8687e+02	-5.7710e+02	-7.1557e-01	-3.6758e+00	8.5713e+01	-4.5235e+04
241	2121	1.4011e+02	4.2257e+02	2.3058e+00	7.0502e+00	-5.6280e+01	4.4054e+04
	2120	-1.4011e+02	-4.2257e+02	-2.3058e+00	-7.0502e+00	-1.7450e+02	-1.7610e+03
242	1957	2.1882e+02	5.4705e+02	4.6071e-01	3.6437e+00	-6.2806e+01	5.1420e+04
	2121	-2.1882e+02	-5.4705e+02	-4.6071e-01	-3.6437e+00	5.6603e+01	-4.4055e+04
243	2104	1.4036e+02	4.2331e+02	1.8063e+00	6.3951e+00	-4.3188e+01	4.4185e+04
	2103	-1.4036e+02	-4.2331e+02	-1.8063e+00	-6.3951e+00	-1.3760e+02	-1.8174e+03
244	1956	2.1911e+02	5.4778e+02	2.9562e-01	3.7793e+00	-4.7474e+01	5.1563e+04
	2104	-2.1911e+02	-5.4778e+02	-2.9562e-01	-3.7793e+00	4.3495e+01	-4.4188e+04
245	2074	1.5361e+02	4.6328e+02	1.3720e+00	6.1687e+00	-3.0622e+01	4.8288e+04
	2072	-1.5361e+02	-4.6328e+02	-1.3720e+00	-6.1687e+00	-1.0669e+02	-1.9200e+03
246	1955	2.3995e+02	5.9988e+02	2.0066e-02	4.3110e+00	-3.1208e+01	5.6355e+04
	2074	-2.3995e+02	-5.9988e+02	-2.0066e-02	-4.3110e+00	3.0938e+01	-4.8279e+04
247	2073	1.3681e+02	4.1260e+02	1.1097e+00	6.3571e+00	-2.4994e+01	4.3195e+04
	2071	-1.3681e+02	-4.1260e+02	-1.1097e+00	-6.3571e+00	-8.6073e+01	-1.8994e+03
248	1954	2.1343e+02	5.3358e+02	-2.5829e-01	4.8384e+00	-2.1854e+01	5.0390e+04
	2073	-2.1343e+02	-5.3358e+02	2.5829e-01	-4.8384e+00	2.5332e+01	-4.3206e+04
249	2053	1.5366e+02	4.6342e+02	1.0702e+00	7.0941e+00	-2.6551e+01	4.8316e+04
	2052	-1.5366e+02	-4.6342e+02	-1.0702e+00	-7.0941e+00	-8.0557e+01	-1.9344e+03
250	1953	2.4000e+02	6.0001e+02	-6.7016e-01	5.4802e+00	-1.7908e+01	5.6384e+04
	2053	-2.4000e+02	-6.0001e+02	6.7016e-01	-5.4802e+00	2.6930e+01	-4.8306e+04
251	2036	1.4030e+02	4.2313e+02	1.1506e+00	8.6620e+00	-3.7945e+01	4.4146e+04
	2035	-1.4030e+02	-4.2313e+02	-1.1506e+00	-8.6620e+00	-7.7216e+01	-1.7965e+03
252	1952	2.1904e+02	5.4760e+02	-1.4203e+00	6.3582e+00	-1.9278e+01	5.1522e+04
	2036	-2.1904e+02	-5.4760e+02	1.4203e+00	-6.3582e+00	3.8399e+01	-4.4150e+04
253	2019	1.4023e+02	4.2292e+02	1.3353e+00	1.0213e+01	-5.4737e+01	4.4106e+04
	2018	-1.4023e+02	-4.2292e+02	-1.3353e+00	-1.0213e+01	-7.8909e+01	-1.7785e+03

254	1951	2.1896e+02	5.4739e+02	-2.1744e+00	6.8937e+00	-2.5979e+01	5.1477e+04
	2019	-2.1896e+02	-5.4739e+02	2.1744e+00	-6.8937e+00	5.5253e+01	-4.4107e+04
255	2002	2.9022e+02	4.3926e+02	1.8226e+00	1.3919e+01	-1.0051e+02	4.5462e+04
	2001	-2.9022e+02	-4.3926e+02	-1.8226e+00	-1.3919e+01	-8.1905e+01	-1.4984e+03
256	1950	3.7858e+02	5.7694e+02	-3.9183e+00	7.8332e+00	-4.8415e+01	5.3215e+04
	2002	-3.7858e+02	-5.7694e+02	3.9183e+00	-7.8332e+00	1.0117e+02	-4.5448e+04
257	1990	4.1709e+01	2.9509e+02	-6.1349e+00	-1.0855e+01	2.6514e+02	3.0989e+04
	1989	-4.1709e+01	-2.9509e+02	6.1349e+00	1.0855e+01	3.4888e+02	-1.4547e+03
258	1939	8.9138e+01	3.6632e+02	3.1855e+00	5.1521e+00	2.2243e+02	3.5935e+04
	1990	-8.9138e+01	-3.6632e+02	-3.1855e+00	-5.1521e+00	-2.6531e+02	-3.1003e+04
259	36	6.2818e+02	3.6784e-14	-6.3372e-02	-6.4730e-03	6.3372e-01	0.0000e+00
	1939	-6.2818e+02	-3.6784e-14	6.3372e-02	6.4730e-03	0.0000e+00	0.0000e+00
260	2110	-1.3069e+01	8.0000e+01	1.8500e-16	-1.3909e+01	0.0000e+00	0.0000e+00
	2116	1.3069e+01	8.0000e+01	-1.8500e-16	1.3909e+01	0.0000e+00	0.0000e+00
261	2121	-1.0317e+01	8.8000e+01	3.3310e-17	7.5995e-01	0.0000e+00	0.0000e+00
	2110	1.0317e+01	8.8000e+01	-3.3310e-17	-7.5995e-01	0.0000e+00	0.0000e+00
262	2104	-8.4720e+00	5.6000e+01	-1.2261e-45	-2.0117e-01	0.0000e+00	0.0000e+00
	2121	8.4720e+00	5.6000e+01	-1.2261e-45	2.0117e-01	0.0000e+00	0.0000e+00
263	2074	-6.9613e+00	8.8000e+01	-2.3572e-17	-3.6261e+00	0.0000e+00	0.0000e+00
	2104	6.9613e+00	8.8000e+01	2.3572e-17	3.6261e+00	0.0000e+00	0.0000e+00
264	2073	-5.6094e+00	7.0000e+01	1.8401e-16	5.8855e+00	0.0000e+00	0.0000e+00
	2074	5.6094e+00	7.0000e+01	-1.8401e-16	-5.8855e+00	0.0000e+00	0.0000e+00
265	2053	-4.2414e+00	7.0000e+01	-1.0798e-16	-5.9164e+00	0.0000e+00	0.0000e+00
	2073	4.2414e+00	7.0000e+01	1.0798e-16	5.9164e+00	0.0000e+00	0.0000e+00
266	2036	-2.5011e+00	8.8000e+01	-5.2771e-17	3.6845e+00	0.0000e+00	0.0000e+00
	2053	2.5011e+00	8.8000e+01	5.2771e-17	-3.6845e+00	0.0000e+00	0.0000e+00
267	2019	6.9786e-02	5.6000e+01	-2.4272e-17	7.3657e-02	0.0000e+00	0.0000e+00
	2036	-6.9786e-02	5.6000e+01	2.4272e-17	-7.3657e-02	0.0000e+00	0.0000e+00
268	2002	3.5795e+00	8.8000e+01	0.0000e+00	-6.8032e-01	0.0000e+00	0.0000e+00
	2019	-3.5795e+00	8.8000e+01	0.0000e+00	6.8032e-01	0.0000e+00	0.0000e+00
269	1990	9.3204e+00	8.0000e+01	-2.9671e-16	1.3913e+01	0.0000e+00	0.0000e+00
	2002	-9.3204e+00	8.0000e+01	2.9671e-16	-1.3913e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-1.2473e+01	0.0000e+00	6.9008e+02	0.0000e+00	-3.7075e+03
	1894	0.0000e+00	1.2473e+01	0.0000e+00	-6.9008e+02	0.0000e+00	-6.4569e+02
271	11	0.0000e+00	-3.0533e+00	0.0000e+00	1.3640e+02	0.0000e+00	-1.0319e+03
	77	0.0000e+00	3.0533e+00	0.0000e+00	-1.3640e+02	0.0000e+00	8.9454e+02
272	67	0.0000e+00	-1.2722e+01	0.0000e+00	-6.9568e+02	0.0000e+00	-3.7389e+03
	1904	0.0000e+00	1.2722e+01	0.0000e+00	6.9568e+02	0.0000e+00	-7.0113e+02
273	1	0.0000e+00	-3.0726e+00	0.0000e+00	-1.3654e+02	0.0000e+00	-1.0407e+03
	67	0.0000e+00	3.0726e+00	0.0000e+00	1.3654e+02	0.0000e+00	9.0239e+02
274	72	0.0000e+00	-1.8684e+01	0.0000e+00	-1.6155e+00	0.0000e+00	-4.1644e+03
	1899	0.0000e+00	1.8684e+01	0.0000e+00	1.6155e+00	0.0000e+00	-2.3563e+03
275	6	0.0000e+00	1.7127e+00	0.0000e+00	5.9666e-01	0.0000e+00	-8.2939e+02
	72	0.0000e+00	-1.7127e+00	0.0000e+00	-5.9666e-01	0.0000e+00	9.0646e+02
276	76	0.0000e+00	-1.4399e+01	0.0000e+00	1.6806e+01	0.0000e+00	-3.1570e+03
	1895	0.0000e+00	1.4399e+01	0.0000e+00	-1.6806e+01	0.0000e+00	-1.8683e+03
277	10	0.0000e+00	-7.3460e-01	0.0000e+00	8.7318e+00	0.0000e+00	-6.9013e+02
	76	0.0000e+00	7.3460e-01	0.0000e+00	-8.7318e+00	0.0000e+00	6.5707e+02
278	75	0.0000e+00	-1.9326e+01	0.0000e+00	-1.2634e+02	0.0000e+00	-4.1096e+03
	1896	0.0000e+00	1.9326e+01	0.0000e+00	1.2634e+02	0.0000e+00	-2.6353e+03
279	9	0.0000e+00	1.9775e+00	0.0000e+00	1.1126e+02	0.0000e+00	-8.1888e+02
	75	0.0000e+00	-1.9775e+00	0.0000e+00	-1.1126e+02	0.0000e+00	9.0787e+02
280	74	0.0000e+00	-1.9311e+01	0.0000e+00	8.1896e+01	0.0000e+00	-4.1707e+03
	1897	0.0000e+00	1.9311e+01	0.0000e+00	-8.1896e+01	0.0000e+00	-2.5687e+03
281	8	0.0000e+00	2.0373e+00	0.0000e+00	-8.2614e+01	0.0000e+00	-8.2801e+02

	74	0.0000e+00	-2.0373e+00	0.0000e+00	8.2614e+01	0.0000e+00	9.1969e+02
282	73	0.0000e+00	-1.8807e+01	0.0000e+00	-6.0839e+01	0.0000e+00	-4.0438e+03
	1898	0.0000e+00	1.8807e+01	0.0000e+00	6.0839e+01	0.0000e+00	-2.5200e+03
283	7	0.0000e+00	4.4161e-01	0.0000e+00	5.4222e+01	0.0000e+00	-8.4132e+02
	73	0.0000e+00	-4.4161e-01	0.0000e+00	-5.4222e+01	0.0000e+00	8.6119e+02
284	71	0.0000e+00	-1.8723e+01	0.0000e+00	6.2371e+01	0.0000e+00	-4.0415e+03
	1900	0.0000e+00	1.8723e+01	0.0000e+00	-6.2371e+01	0.0000e+00	-2.4930e+03
285	5	0.0000e+00	3.9510e-01	0.0000e+00	-5.4195e+01	0.0000e+00	-8.4256e+02
	71	0.0000e+00	-3.9510e-01	0.0000e+00	5.4195e+01	0.0000e+00	8.6034e+02
286	70	0.0000e+00	-1.9275e+01	0.0000e+00	-8.7000e+01	0.0000e+00	-4.1647e+03
	1901	0.0000e+00	1.9275e+01	0.0000e+00	8.7000e+01	0.0000e+00	-2.5621e+03
287	4	0.0000e+00	2.0968e+00	0.0000e+00	8.3648e+01	0.0000e+00	-8.2447e+02
	70	0.0000e+00	-2.0968e+00	0.0000e+00	-8.3648e+01	0.0000e+00	9.1882e+02
288	69	0.0000e+00	-1.9206e+01	0.0000e+00	1.2499e+02	0.0000e+00	-4.1109e+03
	1902	0.0000e+00	1.9206e+01	0.0000e+00	-1.2499e+02	0.0000e+00	-2.5919e+03
289	3	0.0000e+00	1.8778e+00	0.0000e+00	-1.1139e+02	0.0000e+00	-8.2282e+02
	69	0.0000e+00	-1.8778e+00	0.0000e+00	1.1139e+02	0.0000e+00	9.0732e+02
290	68	0.0000e+00	-1.4535e+01	0.0000e+00	-1.4865e+01	0.0000e+00	-3.1592e+03
	1903	0.0000e+00	1.4535e+01	0.0000e+00	1.4865e+01	0.0000e+00	-1.9135e+03
291	2	0.0000e+00	-6.2650e-01	0.0000e+00	-9.3586e+00	0.0000e+00	-6.8632e+02
	68	0.0000e+00	6.2650e-01	0.0000e+00	9.3586e+00	0.0000e+00	6.5813e+02
292	57	9.5920e+02	4.4834e-14	4.6482e-02	-2.9256e-02	-4.6482e-01	0.0000e+00
	1950	-9.5920e+02	-4.4834e-14	-4.6482e-02	2.9256e-02	0.0000e+00	0.0000e+00
293	34	7.4559e+02	-1.7892e-15	1.0879e-01	3.5859e-04	-1.4143e+00	0.0000e+00
	1938	-7.4559e+02	1.7892e-15	-1.0879e-01	-3.5859e-04	0.0000e+00	0.0000e+00
294	37	1.0116e+03	-8.7347e-16	-5.8806e-02	-2.2753e-02	7.6448e-01	0.0000e+00
	1940	-1.0116e+03	8.7347e-16	5.8806e-02	2.2753e-02	0.0000e+00	0.0000e+00
295	38	1.0112e+03	-1.3309e-15	1.4520e-03	-1.9776e-02	-1.8876e-02	0.0000e+00
	1941	-1.0112e+03	1.3309e-15	-1.4520e-03	1.9776e-02	0.0000e+00	0.0000e+00
296	39	1.0168e+03	-1.3797e-15	3.4875e-02	-1.8371e-02	-4.5338e-01	0.0000e+00
	1942	-1.0168e+03	1.3797e-15	-3.4875e-02	1.8371e-02	0.0000e+00	0.0000e+00
297	40	1.0920e+03	-1.3220e-15	6.6751e-02	-1.6761e-02	-8.6777e-01	0.0000e+00
	1943	-1.0920e+03	1.3220e-15	-6.6751e-02	1.6761e-02	0.0000e+00	0.0000e+00
298	41	1.0165e+03	-1.5671e-15	9.0023e-02	-1.5929e-02	-1.1703e+00	0.0000e+00
	1944	-1.0165e+03	1.5671e-15	-9.0023e-02	1.5929e-02	0.0000e+00	0.0000e+00
299	42	1.0886e+03	-1.2953e-15	1.1343e-01	-1.5419e-02	-1.4746e+00	0.0000e+00
	1945	-1.0886e+03	1.2953e-15	-1.1343e-01	1.5419e-02	0.0000e+00	0.0000e+00
300	43	1.0215e+03	-1.4132e-15	1.3465e-01	-1.5306e-02	-1.7504e+00	0.0000e+00
	1946	-1.0215e+03	1.4132e-15	-1.3465e-01	1.5306e-02	0.0000e+00	0.0000e+00
301	44	1.0023e+03	-1.2627e-15	1.5793e-01	-1.5597e-02	-2.0531e+00	0.0000e+00
	1947	-1.0023e+03	1.2627e-15	-1.5793e-01	1.5597e-02	0.0000e+00	0.0000e+00
302	45	1.0180e+03	-9.0418e-16	1.9086e-01	-1.6814e-02	-2.4812e+00	0.0000e+00
	1948	-1.0180e+03	9.0418e-16	-1.9086e-01	1.6814e-02	0.0000e+00	0.0000e+00
303	46	7.4299e+02	-1.7722e-15	3.7215e-01	6.3313e-03	-4.8379e+00	0.0000e+00
	1949	-7.4299e+02	1.7722e-15	-3.7215e-01	-6.3313e-03	0.0000e+00	0.0000e+00
304	66	6.3117e+02	3.6797e-14	-8.0459e-01	8.1281e-04	8.0459e+00	0.0000e+00
	1959	-6.3117e+02	-3.6797e-14	8.0459e-01	-8.1281e-04	0.0000e+00	0.0000e+00
305	65	9.6190e+02	4.5142e-14	-5.8574e-01	-2.2297e-02	5.8574e+00	0.0000e+00
	1958	-9.6190e+02	-4.5142e-14	5.8574e-01	2.2297e-02	0.0000e+00	0.0000e+00
306	64	9.2114e+02	4.6168e-14	-4.2239e-01	-1.9066e-02	4.2239e+00	0.0000e+00
	1957	-9.2114e+02	-4.6168e-14	4.2239e-01	1.9066e-02	0.0000e+00	0.0000e+00
307	63	9.2269e+02	4.6966e-14	-3.4426e-01	-1.8292e-02	3.4426e+00	0.0000e+00
	1956	-9.2269e+02	-4.6966e-14	3.4426e-01	1.8292e-02	0.0000e+00	0.0000e+00
308	62	1.0100e+03	5.0108e-14	-2.2616e-01	-1.8571e-02	2.2616e+00	0.0000e+00
	1955	-1.0100e+03	-5.0108e-14	2.2616e-01	1.8571e-02	0.0000e+00	0.0000e+00

309	61	8.9955e+02	4.6647e-14	-1.5260e-01	-1.9378e-02	1.5260e+00	0.0000e+00
	1954	-8.9955e+02	-4.6647e-14	1.5260e-01	1.9378e-02	0.0000e+00	0.0000e+00
310	60	1.0103e+03	5.0265e-14	-8.9959e-02	-2.1006e-02	8.9959e-01	0.0000e+00
	1953	-1.0103e+03	-5.0265e-14	8.9959e-02	2.1006e-02	0.0000e+00	0.0000e+00
311	59	9.2228e+02	4.6758e-14	-1.4063e-02	-2.3582e-02	1.4063e-01	0.0000e+00
	1952	-9.2228e+02	-4.6758e-14	1.4063e-02	2.3582e-02	0.0000e+00	0.0000e+00
312	58	9.2181e+02	4.6497e-14	1.2722e-02	-2.5681e-02	-1.2722e-01	0.0000e+00
	1951	-9.2181e+02	-4.6497e-14	-1.2722e-02	2.5681e-02	0.0000e+00	0.0000e+00
313	1936	-1.1868e+02	8.0000e+01	1.6386e-16	4.8503e+00	0.0000e+00	0.0000e+00
	1937	1.1868e+02	8.0000e+01	-1.6386e-16	-4.8503e+00	0.0000e+00	0.0000e+00
314	1935	-1.1618e+02	8.8000e+01	4.7145e-17	-1.2061e+00	0.0000e+00	0.0000e+00
	1936	1.1618e+02	8.8000e+01	-4.7145e-17	1.2061e+00	0.0000e+00	0.0000e+00
315	1934	-1.1473e+02	5.6000e+01	0.0000e+00	5.2638e-04	0.0000e+00	0.0000e+00
	1935	1.1473e+02	5.6000e+01	0.0000e+00	-5.2638e-04	0.0000e+00	0.0000e+00
316	1933	-1.1385e+02	8.8000e+01	-2.2791e-17	8.2983e-01	0.0000e+00	0.0000e+00
	1934	1.1385e+02	8.8000e+01	2.2791e-17	-8.2983e-01	0.0000e+00	0.0000e+00
317	1932	-1.1376e+02	7.0000e+01	1.6113e-16	-1.0928e+00	0.0000e+00	0.0000e+00
	1933	1.1376e+02	7.0000e+01	-1.6113e-16	1.0928e+00	0.0000e+00	0.0000e+00
318	1931	-1.1428e+02	7.0000e+01	-1.0810e-16	1.0951e+00	0.0000e+00	0.0000e+00
	1932	1.1428e+02	7.0000e+01	1.0810e-16	-1.0951e+00	0.0000e+00	0.0000e+00
319	1930	-1.1544e+02	8.8000e+01	-5.1225e-17	-8.3487e-01	0.0000e+00	0.0000e+00
	1931	1.1544e+02	8.8000e+01	5.1225e-17	8.3487e-01	0.0000e+00	0.0000e+00
320	1929	-1.1750e+02	5.6000e+01	-2.4981e-17	1.0685e-02	0.0000e+00	0.0000e+00
	1930	1.1750e+02	5.6000e+01	2.4981e-17	-1.0685e-02	0.0000e+00	0.0000e+00
321	1928	-1.2026e+02	8.8000e+01	0.0000e+00	1.4215e+00	0.0000e+00	0.0000e+00
	1929	1.2026e+02	8.8000e+01	0.0000e+00	-1.4215e+00	0.0000e+00	0.0000e+00
322	1927	2.4974e+00	8.0000e+01	-2.6147e-16	-4.8613e+00	0.0000e+00	0.0000e+00
	1928	-2.4974e+00	8.0000e+01	2.6147e-16	4.8613e+00	0.0000e+00	0.0000e+00
323	1937	-1.0953e+02	-6.0397e+01	5.1707e+00	4.2634e-02	-2.6648e-03	4.7650e+00
	1960	1.0953e+02	6.0397e+01	-5.1707e+00	-4.2634e-02	-3.7333e+02	-4.3655e+03
324	1936	-1.0005e+02	-1.3496e+02	2.4956e+00	-1.0658e-14	8.5265e-14	-6.0564e+00
	1961	1.0005e+02	1.3496e+02	-2.4956e+00	1.0658e-14	-1.8019e+02	-9.7379e+03
325	1935	-8.5760e+01	-1.1568e+02	1.4529e+00	-1.3323e-15	-1.4566e-13	1.2066e+00
	1962	8.5760e+01	1.1568e+02	-1.4529e+00	1.3323e-15	-1.0490e+02	-8.3532e+03
326	1934	-8.5760e+01	-1.1568e+02	8.8498e-01	-5.4623e-14	-1.7764e-14	8.2930e-01
	1963	8.5760e+01	1.1568e+02	-8.8498e-01	5.4623e-14	-6.3896e+01	-8.3528e+03
327	1933	-9.4098e+01	-1.2692e+02	9.0094e-02	-1.1313e-13	1.8652e-14	-1.9226e+00
	1964	9.4098e+01	1.2692e+02	-9.0094e-02	1.1313e-13	-6.5049e+00	-9.1621e+03
328	1932	-8.3378e+01	-1.1246e+02	-5.2289e-01	-2.0961e-13	-3.8725e-13	2.1879e+00
	1965	8.3378e+01	1.1246e+02	5.2289e-01	2.0961e-13	3.7753e+01	-8.1222e+03
329	1931	-9.4098e+01	-1.2692e+02	-1.1617e+00	7.3719e-14	-7.8160e-14	-1.9300e+00
	1966	9.4098e+01	1.2692e+02	1.1617e+00	-7.3719e-14	8.3877e+01	-9.1621e+03
330	1930	-8.5760e+01	-1.1568e+02	-2.0615e+00	7.0166e-14	-7.1054e-14	8.4556e-01
	1967	8.5760e+01	1.1568e+02	2.0615e+00	-7.0166e-14	1.4884e+02	-8.3528e+03
331	1929	-8.5760e+01	-1.1568e+02	-2.7545e+00	6.2172e-14	1.4211e-13	1.4108e+00
	1968	8.5760e+01	1.1568e+02	2.7545e+00	-6.2172e-14	1.9888e+02	-8.3534e+03
332	1928	-3.6661e+01	-1.3892e+02	-4.1118e+00	3.5880e-02	-2.2427e-03	-6.3546e+00
	1969	3.6661e+01	1.3892e+02	4.1118e+00	-3.5880e-02	2.9688e+02	-1.0024e+04
333	1927	-4.7645e+01	-6.4265e+01	-2.4974e+00	-4.0856e-14	-1.7764e-13	4.8613e+00
	1970	4.7645e+01	6.4265e+01	2.4974e+00	4.0856e-14	1.8032e+02	-4.6449e+03
334	2089	9.9539e+00	7.0000e+01	-1.0891e-17	-6.8687e+00	0.0000e+00	0.0000e+00
	2090	-9.9539e+00	7.0000e+01	1.0891e-17	6.8687e+00	0.0000e+00	0.0000e+00
335	2083	9.1045e+01	7.0000e+01	1.4157e-17	-6.0760e+00	0.0000e+00	0.0000e+00
	2084	-9.1045e+01	7.0000e+01	-1.4157e-17	6.0760e+00	0.0000e+00	0.0000e+00
336	2081	4.3516e+01	7.0000e+01	1.6434e-17	-2.2111e+00	0.0000e+00	0.0000e+00

	2082	-4.3516e+01	7.0000e+01	-1.6434e-17	2.2111e+00	0.0000e+00	0.0000e+00
337	2055	3.5873e+01	7.0000e+01	-1.8390e-17	-2.7560e+00	0.0000e+00	0.0000e+00
	2077	-3.5873e+01	7.0000e+01	1.8390e-17	2.7560e+00	0.0000e+00	0.0000e+00
338	2077	6.6095e+01	7.0000e+01	1.6153e-17	2.7031e+00	0.0000e+00	0.0000e+00
	2078	-6.6095e+01	7.0000e+01	-1.6153e-17	-2.7031e+00	0.0000e+00	0.0000e+00
339	2075	2.5924e+01	7.0000e+01	2.0193e-17	6.7119e+00	0.0000e+00	0.0000e+00
	2076	-2.5924e+01	7.0000e+01	-2.0193e-17	-6.7119e+00	0.0000e+00	0.0000e+00
340	2071	1.9850e+01	7.0000e+01	3.3074e-17	8.3325e+00	0.0000e+00	0.0000e+00
	2072	-1.9850e+01	7.0000e+01	-3.3074e-17	-8.3325e+00	0.0000e+00	0.0000e+00
341	2087	2.8457e+01	7.0000e+01	4.9332e-18	-7.9264e+00	0.0000e+00	0.0000e+00
	2088	-2.8457e+01	7.0000e+01	-4.9332e-18	7.9264e+00	0.0000e+00	0.0000e+00
342	2090	9.4781e+00	8.8000e+01	6.3517e-18	4.2070e+00	0.0000e+00	0.0000e+00
	2112	-9.4781e+00	8.8000e+01	-6.3517e-18	-4.2070e+00	0.0000e+00	0.0000e+00
343	2088	2.6499e+01	8.8000e+01	-2.5508e-17	4.9925e+00	0.0000e+00	0.0000e+00
	2111	-2.6499e+01	8.8000e+01	2.5508e-17	-4.9925e+00	0.0000e+00	0.0000e+00
344	2084	7.0897e+01	8.8000e+01	-4.4186e-17	3.7949e+00	0.0000e+00	0.0000e+00
	2109	-7.0897e+01	8.8000e+01	4.4186e-17	-3.7949e+00	0.0000e+00	0.0000e+00
345	2082	3.9710e+01	8.8000e+01	-4.8517e-17	1.3111e+00	0.0000e+00	0.0000e+00
	2108	-3.9710e+01	8.8000e+01	4.8517e-17	-1.3111e+00	0.0000e+00	0.0000e+00
346	2078	3.6018e+01	8.8000e+01	-4.7963e-17	-1.7789e+00	0.0000e+00	0.0000e+00
	2106	-3.6018e+01	8.8000e+01	4.7963e-17	1.7789e+00	0.0000e+00	0.0000e+00
347	2076	2.2991e+01	8.8000e+01	-5.6120e-17	-4.2649e+00	0.0000e+00	0.0000e+00
	2105	-2.2991e+01	8.8000e+01	5.6120e-17	4.2649e+00	0.0000e+00	0.0000e+00
348	2072	2.2818e+01	8.8000e+01	-8.1668e-17	-5.2268e+00	0.0000e+00	0.0000e+00
	2103	-2.2818e+01	8.8000e+01	8.1668e-17	5.2268e+00	0.0000e+00	0.0000e+00
349	2103	2.6821e+01	5.6000e+01	0.0000e+00	-3.1302e-01	0.0000e+00	0.0000e+00
	2120	-2.6821e+01	5.6000e+01	0.0000e+00	3.1302e-01	0.0000e+00	0.0000e+00
350	2105	1.8969e+01	5.6000e+01	0.0000e+00	-3.3087e-01	0.0000e+00	0.0000e+00
	2122	-1.8969e+01	5.6000e+01	0.0000e+00	3.3087e-01	0.0000e+00	0.0000e+00
351	2106	6.4313e+01	5.6000e+01	0.0000e+00	-2.5507e-01	0.0000e+00	0.0000e+00
	2123	-6.4313e+01	5.6000e+01	0.0000e+00	2.5507e-01	0.0000e+00	0.0000e+00
352	2108	3.3827e+01	5.6000e+01	0.0000e+00	-5.2141e-02	0.0000e+00	0.0000e+00
	2125	-3.3827e+01	5.6000e+01	0.0000e+00	5.2141e-02	0.0000e+00	0.0000e+00
353	2109	7.3301e+01	5.6000e+01	0.0000e+00	2.3992e-01	0.0000e+00	0.0000e+00
	1925	-7.3301e+01	5.6000e+01	0.0000e+00	-2.3992e-01	0.0000e+00	0.0000e+00
354	2111	2.2711e+01	5.6000e+01	0.0000e+00	3.7036e-01	0.0000e+00	0.0000e+00
	1983	-2.2711e+01	5.6000e+01	0.0000e+00	-3.7036e-01	0.0000e+00	0.0000e+00
355	2112	9.5022e+00	5.6000e+01	0.0000e+00	-1.0773e-02	0.0000e+00	0.0000e+00
	2005	-9.5022e+00	5.6000e+01	0.0000e+00	1.0773e-02	0.0000e+00	0.0000e+00
356	2085	6.0563e+01	8.0000e+01	-5.4687e-17	1.6793e+01	0.0000e+00	0.0000e+00
	1921	-6.0563e+01	8.0000e+01	5.4687e-17	-1.6793e+01	0.0000e+00	0.0000e+00
357	1983	1.7332e+01	8.8000e+01	-4.5846e-17	-1.3513e+00	0.0000e+00	0.0000e+00
	2059	-1.7332e+01	8.8000e+01	4.5846e-17	1.3513e+00	0.0000e+00	0.0000e+00
358	2005	1.0017e+01	8.8000e+01	-5.1766e-17	-1.5276e+00	0.0000e+00	0.0000e+00
	2085	-1.0017e+01	8.8000e+01	5.1766e-17	1.5276e+00	0.0000e+00	0.0000e+00
359	1925	4.2718e+01	8.8000e+01	-4.5046e-17	-7.8576e-01	0.0000e+00	0.0000e+00
	2042	-4.2718e+01	8.8000e+01	4.5046e-17	7.8576e-01	0.0000e+00	0.0000e+00
360	2125	2.5104e+01	8.8000e+01	-4.8169e-17	-6.9251e-02	0.0000e+00	0.0000e+00
	2025	-2.5104e+01	8.8000e+01	4.8169e-17	6.9251e-02	0.0000e+00	0.0000e+00
361	2123	7.5423e+01	8.8000e+01	-5.2012e-17	5.4172e-01	0.0000e+00	0.0000e+00
	2008	-7.5423e+01	8.8000e+01	5.2012e-17	-5.4172e-01	0.0000e+00	0.0000e+00
362	2122	1.2716e+01	8.8000e+01	-5.2942e-17	1.0129e+00	0.0000e+00	0.0000e+00
	1996	-1.2716e+01	8.8000e+01	5.2942e-17	-1.0129e+00	0.0000e+00	0.0000e+00
363	2120	3.2275e+01	8.8000e+01	-4.9378e-17	1.2385e+00	0.0000e+00	0.0000e+00
	1919	-3.2275e+01	8.8000e+01	4.9378e-17	-1.2385e+00	0.0000e+00	0.0000e+00

364	2059	1.0544e+01	8.0000e+01	1.2229e-17	1.9729e+01	0.0000e+00	0.0000e+00
	1920	-1.0544e+01	8.0000e+01	-1.2229e-17	-1.9729e+01	0.0000e+00	0.0000e+00
365	2042	3.5737e+01	8.0000e+01	4.8825e-17	1.4500e+01	0.0000e+00	0.0000e+00
	1918	-3.5737e+01	8.0000e+01	-4.8825e-17	-1.4500e+01	0.0000e+00	0.0000e+00
366	2025	1.2091e+01	8.0000e+01	5.3792e-17	4.4265e+00	0.0000e+00	0.0000e+00
	1917	-1.2091e+01	8.0000e+01	-5.3792e-17	-4.4265e+00	0.0000e+00	0.0000e+00
367	2008	-2.6306e+01	8.0000e+01	4.9060e-17	-7.2842e+00	0.0000e+00	0.0000e+00
	2107	2.6306e+01	8.0000e+01	-4.9060e-17	7.2842e+00	0.0000e+00	0.0000e+00
368	1996	1.3781e+00	8.0000e+01	6.2119e-17	-1.6373e+01	0.0000e+00	0.0000e+00
	2080	-1.3781e+00	8.0000e+01	-6.2119e-17	1.6373e+01	0.0000e+00	0.0000e+00
369	1919	-1.4854e+02	8.0000e+01	1.1088e-16	-2.0037e+01	0.0000e+00	0.0000e+00
	2079	1.4854e+02	8.0000e+01	-1.1088e-16	2.0037e+01	0.0000e+00	0.0000e+00
370	2097	-1.6908e+01	8.0000e+01	1.9829e-16	2.1407e+00	0.0000e+00	0.0000e+00
	2039	1.6908e+01	8.0000e+01	-1.9829e-16	-2.1407e+00	0.0000e+00	0.0000e+00
371	2098	-1.6833e+02	8.0000e+01	2.0460e-16	-3.0805e+00	0.0000e+00	0.0000e+00
	2056	1.6833e+02	8.0000e+01	-2.0460e-16	3.0805e+00	0.0000e+00	0.0000e+00
372	2119	-3.8608e+01	8.8000e+01	-4.2452e-17	-8.2777e-02	0.0000e+00	0.0000e+00
	2098	3.8608e+01	8.8000e+01	4.2452e-17	8.2777e-02	0.0000e+00	0.0000e+00
373	2118	-2.3974e+01	8.8000e+01	-4.4846e-17	-6.0689e-01	0.0000e+00	0.0000e+00
	2097	2.3974e+01	8.8000e+01	4.4846e-17	6.0689e-01	0.0000e+00	0.0000e+00
374	2102	-3.4891e+01	5.6000e+01	0.0000e+00	-6.2896e-02	0.0000e+00	0.0000e+00
	2119	3.4891e+01	5.6000e+01	0.0000e+00	6.2896e-02	0.0000e+00	0.0000e+00
375	2101	-2.8260e+01	5.6000e+01	0.0000e+00	-1.7258e-03	0.0000e+00	0.0000e+00
	2118	2.8260e+01	5.6000e+01	0.0000e+00	1.7258e-03	0.0000e+00	0.0000e+00
376	2070	-3.2353e+01	8.8000e+01	-1.2915e-16	-8.2583e-01	0.0000e+00	0.0000e+00
	2102	3.2353e+01	8.8000e+01	1.2915e-16	8.2583e-01	0.0000e+00	0.0000e+00
377	2068	-3.1043e+01	8.8000e+01	-1.2505e-16	4.3746e-01	0.0000e+00	0.0000e+00
	2101	3.1043e+01	8.8000e+01	1.2505e-16	-4.3746e-01	0.0000e+00	0.0000e+00
378	2069	-3.1516e+01	7.0000e+01	5.7704e-17	1.5117e+00	0.0000e+00	0.0000e+00
	2070	3.1516e+01	7.0000e+01	-5.7704e-17	-1.5117e+00	0.0000e+00	0.0000e+00
379	2067	-3.1725e+01	7.0000e+01	5.6389e-17	-4.6204e-01	0.0000e+00	0.0000e+00
	2068	3.1725e+01	7.0000e+01	-5.6389e-17	4.6204e-01	0.0000e+00	0.0000e+00
380	2022	3.3024e+00	8.0000e+01	-5.3885e-17	-1.6148e+00	0.0000e+00	0.0000e+00
	1926	-3.3024e+00	8.0000e+01	5.3885e-17	1.6148e+00	0.0000e+00	0.0000e+00
381	1993	-3.3331e+00	8.0000e+01	-6.4215e-17	-1.2433e+00	0.0000e+00	0.0000e+00
	1924	3.3331e+00	8.0000e+01	6.4215e-17	1.2433e+00	0.0000e+00	0.0000e+00
382	1916	4.3984e+01	8.0000e+01	-7.8285e-17	-2.6673e-01	0.0000e+00	0.0000e+00
	1923	-4.3984e+01	8.0000e+01	7.8285e-17	2.6673e-01	0.0000e+00	0.0000e+00
383	2086	2.0151e+00	8.0000e+01	-9.1021e-17	5.2024e+00	0.0000e+00	0.0000e+00
	1922	-2.0151e+00	8.0000e+01	9.1021e-17	-5.2024e+00	0.0000e+00	0.0000e+00
384	2065	-3.6996e+01	8.8000e+01	-4.5077e-17	9.2590e-01	0.0000e+00	0.0000e+00
	2022	3.6996e+01	8.8000e+01	4.5077e-17	-9.2590e-01	0.0000e+00	0.0000e+00
385	2048	-8.8095e+00	8.8000e+01	-5.1950e-17	2.5739e-01	0.0000e+00	0.0000e+00
	1993	8.8095e+00	8.8000e+01	5.1950e-17	-2.5739e-01	0.0000e+00	0.0000e+00
386	2031	-1.8514e+01	8.8000e+01	-5.3698e-17	-3.2014e-02	0.0000e+00	0.0000e+00
	1916	1.8514e+01	8.8000e+01	5.3698e-17	3.2014e-02	0.0000e+00	0.0000e+00
387	2014	4.3960e-01	8.8000e+01	-5.9488e-17	-6.9188e-01	0.0000e+00	0.0000e+00
	2086	-4.3960e-01	8.8000e+01	5.9488e-17	6.9188e-01	0.0000e+00	0.0000e+00
388	2113	-6.2218e-01	5.6000e+01	0.0000e+00	-6.7570e-01	0.0000e+00	0.0000e+00
	2014	6.2218e-01	5.6000e+01	0.0000e+00	6.7570e-01	0.0000e+00	0.0000e+00
389	2114	-1.6714e+01	5.6000e+01	0.0000e+00	-4.8452e-01	0.0000e+00	0.0000e+00
	2031	1.6714e+01	5.6000e+01	0.0000e+00	4.8452e-01	0.0000e+00	0.0000e+00
390	2115	-1.2260e+01	5.6000e+01	0.0000e+00	1.8719e-01	0.0000e+00	0.0000e+00
	2048	1.2260e+01	5.6000e+01	0.0000e+00	-1.8719e-01	0.0000e+00	0.0000e+00
391	2117	-3.4555e+01	5.6000e+01	0.0000e+00	1.0807e+00	0.0000e+00	0.0000e+00

	2065	3.4555e+01	5.6000e+01	0.0000e+00	-1.0807e+00	0.0000e+00	0.0000e+00
392	2092	-1.4649e+00	8.8000e+01	2.4187e-17	1.5349e+00	0.0000e+00	0.0000e+00
	2113	1.4649e+00	8.8000e+01	-2.4187e-17	-1.5349e+00	0.0000e+00	0.0000e+00
393	2094	-1.5612e+01	8.8000e+01	2.4699e-17	1.7399e-01	0.0000e+00	0.0000e+00
	2114	1.5612e+01	8.8000e+01	-2.4699e-17	-1.7399e-01	0.0000e+00	0.0000e+00
394	2096	-1.4666e+01	8.8000e+01	2.0164e-17	-2.7645e-01	0.0000e+00	0.0000e+00
	2115	1.4666e+01	8.8000e+01	-2.0164e-17	2.7645e-01	0.0000e+00	0.0000e+00
395	2100	-3.2885e+01	8.8000e+01	1.4855e-17	-4.2048e-01	0.0000e+00	0.0000e+00
	2117	3.2885e+01	8.8000e+01	-1.4855e-17	4.2048e-01	0.0000e+00	0.0000e+00
396	2091	-2.0389e+00	7.0000e+01	-2.0887e-17	-2.9246e+00	0.0000e+00	0.0000e+00
	2092	2.0389e+00	7.0000e+01	2.0887e-17	2.9246e+00	0.0000e+00	0.0000e+00
397	2093	-1.5285e+01	7.0000e+01	-2.2787e-17	-5.8991e-01	0.0000e+00	0.0000e+00
	2094	1.5285e+01	7.0000e+01	2.2787e-17	5.8991e-01	0.0000e+00	0.0000e+00
398	2095	-1.5948e+01	7.0000e+01	-2.1137e-17	5.5832e-01	0.0000e+00	0.0000e+00
	2096	1.5948e+01	7.0000e+01	2.1137e-17	-5.5832e-01	0.0000e+00	0.0000e+00
399	2099	-3.2013e+01	7.0000e+01	-1.6846e-17	1.3393e+00	0.0000e+00	0.0000e+00
	2100	3.2013e+01	7.0000e+01	1.6846e-17	-1.3393e+00	0.0000e+00	0.0000e+00
400	2066	-3.1783e+01	7.0000e+01	1.4786e-17	-1.1870e+00	0.0000e+00	0.0000e+00
	2099	3.1783e+01	7.0000e+01	-1.4786e-17	1.1870e+00	0.0000e+00	0.0000e+00
401	2049	-3.2168e+01	8.8000e+01	-3.2582e-18	1.3854e-01	0.0000e+00	0.0000e+00
	2066	3.2168e+01	8.8000e+01	3.2582e-18	-1.3854e-01	0.0000e+00	0.0000e+00
402	2064	-1.6397e+01	7.0000e+01	1.8721e-17	-5.3298e-01	0.0000e+00	0.0000e+00
	2095	1.6397e+01	7.0000e+01	-1.8721e-17	5.3298e-01	0.0000e+00	0.0000e+00
403	2063	-1.5478e+01	7.0000e+01	2.0532e-17	5.2090e-01	0.0000e+00	0.0000e+00
	2093	1.5478e+01	7.0000e+01	-2.0532e-17	-5.2090e-01	0.0000e+00	0.0000e+00
404	2062	-2.4887e+00	7.0000e+01	1.8998e-17	2.8310e+00	0.0000e+00	0.0000e+00
	2091	2.4887e+00	7.0000e+01	-1.8998e-17	-2.8310e+00	0.0000e+00	0.0000e+00
405	2061	1.1138e+01	7.0000e+01	9.1635e-18	6.8745e+00	0.0000e+00	0.0000e+00
	2089	-1.1138e+01	7.0000e+01	-9.1635e-18	-6.8745e+00	0.0000e+00	0.0000e+00
406	2060	2.8097e+01	7.0000e+01	-6.8446e-18	7.9914e+00	0.0000e+00	0.0000e+00
	2087	-2.8097e+01	7.0000e+01	6.8446e-18	-7.9914e+00	0.0000e+00	0.0000e+00
407	2058	5.7684e+01	7.0000e+01	-1.6202e-17	6.1274e+00	0.0000e+00	0.0000e+00
	2083	-5.7684e+01	7.0000e+01	1.6202e-17	-6.1274e+00	0.0000e+00	0.0000e+00
408	2057	4.3720e+01	7.0000e+01	-1.8582e-17	2.2041e+00	0.0000e+00	0.0000e+00
	2081	-4.3720e+01	7.0000e+01	1.8582e-17	-2.2041e+00	0.0000e+00	0.0000e+00
409	2054	2.6915e+01	7.0000e+01	-2.2476e-17	-6.7703e+00	0.0000e+00	0.0000e+00
	2075	-2.6915e+01	7.0000e+01	2.2476e-17	6.7703e+00	0.0000e+00	0.0000e+00
410	2052	1.7858e+01	7.0000e+01	-3.5442e-17	-8.3834e+00	0.0000e+00	0.0000e+00
	2071	-1.7858e+01	7.0000e+01	3.5442e-17	8.3834e+00	0.0000e+00	0.0000e+00
411	2051	-3.2047e+01	7.0000e+01	-6.0198e-17	-1.5198e+00	0.0000e+00	0.0000e+00
	2069	3.2047e+01	7.0000e+01	6.0198e-17	1.5198e+00	0.0000e+00	0.0000e+00
412	2050	-3.0776e+01	7.0000e+01	-5.8869e-17	4.6399e-01	0.0000e+00	0.0000e+00
	2067	3.0776e+01	7.0000e+01	5.8869e-17	-4.6399e-01	0.0000e+00	0.0000e+00
413	2047	-1.6050e+01	8.8000e+01	-6.5111e-18	2.3185e-01	0.0000e+00	0.0000e+00
	2064	1.6050e+01	8.8000e+01	6.5111e-18	-2.3185e-01	0.0000e+00	0.0000e+00
414	2046	-1.6161e+01	8.8000e+01	-1.2022e-17	-4.2942e-02	0.0000e+00	0.0000e+00
	2063	1.6161e+01	8.8000e+01	1.2022e-17	4.2942e-02	0.0000e+00	0.0000e+00
415	2045	-2.7817e+00	8.8000e+01	-1.3682e-17	-1.3593e+00	0.0000e+00	0.0000e+00
	2062	2.7817e+00	8.8000e+01	1.3682e-17	1.3593e+00	0.0000e+00	0.0000e+00
416	2044	1.2539e+01	8.8000e+01	3.2044e-18	-4.2198e+00	0.0000e+00	0.0000e+00
	2061	-1.2539e+01	8.8000e+01	-3.2044e-18	4.2198e+00	0.0000e+00	0.0000e+00
417	2043	2.6980e+01	8.8000e+01	3.6166e-17	-5.1183e+00	0.0000e+00	0.0000e+00
	2060	-2.6980e+01	8.8000e+01	-3.6166e-17	5.1183e+00	0.0000e+00	0.0000e+00
418	2041	8.8514e+01	8.8000e+01	5.5649e-17	-3.8969e+00	0.0000e+00	0.0000e+00
	2058	-8.8514e+01	8.8000e+01	-5.5649e-17	3.8969e+00	0.0000e+00	0.0000e+00

419	2040	4.3242e+01	8.8000e+01	6.0667e-17	-1.2988e+00	0.0000e+00	0.0000e+00
	2057	-4.3242e+01	8.8000e+01	-6.0667e-17	1.2988e+00	0.0000e+00	0.0000e+00
420	2038	5.4814e+01	8.8000e+01	6.0706e-17	1.8821e+00	0.0000e+00	0.0000e+00
	2055	-5.4814e+01	8.8000e+01	-6.0706e-17	-1.8821e+00	0.0000e+00	0.0000e+00
421	2037	2.7699e+01	8.8000e+01	6.9138e-17	4.3771e+00	0.0000e+00	0.0000e+00
	2054	-2.7699e+01	8.8000e+01	-6.9138e-17	-4.3771e+00	0.0000e+00	0.0000e+00
422	2035	1.6034e+01	8.8000e+01	9.5199e-17	5.3240e+00	0.0000e+00	0.0000e+00
	2052	-1.6034e+01	8.8000e+01	-9.5199e-17	-5.3240e+00	0.0000e+00	0.0000e+00
423	2034	-3.4151e+01	8.8000e+01	1.4342e-16	8.4076e-01	0.0000e+00	0.0000e+00
	2051	3.4151e+01	8.8000e+01	-1.4342e-16	-8.4076e-01	0.0000e+00	0.0000e+00
424	2033	-2.8091e+01	8.8000e+01	1.3924e-16	-4.4168e-01	0.0000e+00	0.0000e+00
	2050	2.8091e+01	8.8000e+01	-1.3924e-16	4.4168e-01	0.0000e+00	0.0000e+00
425	2032	-3.3272e+01	5.6000e+01	0.0000e+00	-3.2193e-01	0.0000e+00	0.0000e+00
	2049	3.3272e+01	5.6000e+01	0.0000e+00	3.2193e-01	0.0000e+00	0.0000e+00
426	2030	-1.4704e+01	5.6000e+01	0.0000e+00	-6.2135e-02	0.0000e+00	0.0000e+00
	2047	1.4704e+01	5.6000e+01	0.0000e+00	6.2135e-02	0.0000e+00	0.0000e+00
427	2029	-1.7481e+01	5.6000e+01	0.0000e+00	1.3226e-01	0.0000e+00	0.0000e+00
	2046	1.7481e+01	5.6000e+01	0.0000e+00	-1.3226e-01	0.0000e+00	0.0000e+00
428	2028	-3.0437e+00	5.6000e+01	0.0000e+00	1.8548e-01	0.0000e+00	0.0000e+00
	2045	3.0437e+00	5.6000e+01	0.0000e+00	-1.8548e-01	0.0000e+00	0.0000e+00
429	2027	1.5051e+01	5.6000e+01	0.0000e+00	-1.1485e-02	0.0000e+00	0.0000e+00
	2044	-1.5051e+01	5.6000e+01	0.0000e+00	1.1485e-02	0.0000e+00	0.0000e+00
430	2026	2.2868e+01	5.6000e+01	0.0000e+00	-1.2365e-01	0.0000e+00	0.0000e+00
	2043	-2.2868e+01	5.6000e+01	0.0000e+00	1.2365e-01	0.0000e+00	0.0000e+00
431	2024	7.4752e+01	5.6000e+01	0.0000e+00	-8.3466e-02	0.0000e+00	0.0000e+00
	2041	-7.4752e+01	5.6000e+01	0.0000e+00	8.3466e-02	0.0000e+00	0.0000e+00
432	2023	3.9014e+01	5.6000e+01	0.0000e+00	1.3030e-02	0.0000e+00	0.0000e+00
	2040	-3.9014e+01	5.6000e+01	0.0000e+00	-1.3030e-02	0.0000e+00	0.0000e+00
433	2021	6.6029e+01	5.6000e+01	0.0000e+00	8.4879e-02	0.0000e+00	0.0000e+00
	2038	-6.6029e+01	5.6000e+01	0.0000e+00	-8.4879e-02	0.0000e+00	0.0000e+00
434	2020	2.7169e+01	5.6000e+01	0.0000e+00	1.1160e-01	0.0000e+00	0.0000e+00
	2037	-2.7169e+01	5.6000e+01	0.0000e+00	-1.1160e-01	0.0000e+00	0.0000e+00
435	2018	1.4519e+01	5.6000e+01	0.0000e+00	1.0810e-01	0.0000e+00	0.0000e+00
	2035	-1.4519e+01	5.6000e+01	0.0000e+00	-1.0810e-01	0.0000e+00	0.0000e+00
436	2017	-3.8693e+01	5.6000e+01	0.0000e+00	3.0090e-02	0.0000e+00	0.0000e+00
	2034	3.8693e+01	5.6000e+01	0.0000e+00	-3.0090e-02	0.0000e+00	0.0000e+00
437	2016	-2.2893e+01	5.6000e+01	0.0000e+00	1.0897e-02	0.0000e+00	0.0000e+00
	2033	2.2893e+01	5.6000e+01	0.0000e+00	-1.0897e-02	0.0000e+00	0.0000e+00
438	2015	-3.5045e+01	8.8000e+01	6.7758e-17	-1.4414e+00	0.0000e+00	0.0000e+00
	2032	3.5045e+01	8.8000e+01	-6.7758e-17	1.4414e+00	0.0000e+00	0.0000e+00
439	2013	-1.2475e+01	8.8000e+01	7.7571e-17	-3.2008e-01	0.0000e+00	0.0000e+00
	2030	1.2475e+01	8.8000e+01	-7.7571e-17	3.2008e-01	0.0000e+00	0.0000e+00
440	2012	-1.9335e+01	8.8000e+01	7.7397e-17	3.3303e-01	0.0000e+00	0.0000e+00
	2029	1.9335e+01	8.8000e+01	-7.7397e-17	-3.3303e-01	0.0000e+00	0.0000e+00
441	2011	-3.3087e+00	8.8000e+01	7.6650e-17	1.0239e+00	0.0000e+00	0.0000e+00
	2028	3.3087e+00	8.8000e+01	-7.6650e-17	-1.0239e+00	0.0000e+00	0.0000e+00
442	2010	1.8358e+01	8.8000e+01	6.7805e-17	1.4799e+00	0.0000e+00	0.0000e+00
	2027	-1.8358e+01	8.8000e+01	-6.7805e-17	-1.4799e+00	0.0000e+00	0.0000e+00
443	2009	1.6975e+01	8.8000e+01	6.3073e-17	1.1827e+00	0.0000e+00	0.0000e+00
	2026	-1.6975e+01	8.8000e+01	-6.3073e-17	-1.1827e+00	0.0000e+00	0.0000e+00
444	2007	7.3674e+01	8.8000e+01	6.3127e-17	7.1713e-01	0.0000e+00	0.0000e+00
	2024	-7.3674e+01	8.8000e+01	-6.3127e-17	-7.1713e-01	0.0000e+00	0.0000e+00
445	2006	3.2226e+01	8.8000e+01	6.6491e-17	1.8254e-01	0.0000e+00	0.0000e+00
	2023	-3.2226e+01	8.8000e+01	-6.6491e-17	-1.8254e-01	0.0000e+00	0.0000e+00
446	2004	9.4005e+01	8.8000e+01	7.0749e-17	-3.8199e-01	0.0000e+00	0.0000e+00

	2021	-9.4005e+01	8.8000e+01	-7.0749e-17	3.8199e-01	0.0000e+00	0.0000e+00
447	2003	2.5435e+01	8.8000e+01	7.3226e-17	-8.0789e-01	0.0000e+00	0.0000e+00
	2020	-2.5435e+01	8.8000e+01	-7.3226e-17	8.0789e-01	0.0000e+00	0.0000e+00
448	2001	1.3135e+01	8.8000e+01	0.0000e+00	-1.0897e+00	0.0000e+00	0.0000e+00
	2018	-1.3135e+01	8.8000e+01	0.0000e+00	1.0897e+00	0.0000e+00	0.0000e+00
449	2000	-4.5328e+01	8.8000e+01	0.0000e+00	1.4977e-01	0.0000e+00	0.0000e+00
	2017	4.5328e+01	8.8000e+01	0.0000e+00	-1.4977e-01	0.0000e+00	0.0000e+00
450	1999	-1.5691e+01	8.8000e+01	0.0000e+00	6.8714e-01	0.0000e+00	0.0000e+00
	2016	1.5691e+01	8.8000e+01	0.0000e+00	-6.8714e-01	0.0000e+00	0.0000e+00
451	1982	-3.7939e+01	8.0000e+01	5.9143e-17	1.8442e+00	0.0000e+00	0.0000e+00
	2015	3.7939e+01	8.0000e+01	-5.9143e-17	-1.8442e+00	0.0000e+00	0.0000e+00
452	1984	-8.6120e+00	8.0000e+01	7.0333e-17	1.2789e+00	0.0000e+00	0.0000e+00
	2013	8.6120e+00	8.0000e+01	-7.0333e-17	-1.2789e+00	0.0000e+00	0.0000e+00
453	1985	-6.5805e+01	8.0000e+01	8.3952e-17	1.7901e-01	0.0000e+00	0.0000e+00
	2012	6.5805e+01	8.0000e+01	-8.3952e-17	-1.7901e-01	0.0000e+00	0.0000e+00
454	1986	-3.7130e+00	8.0000e+01	9.5990e-17	-5.3035e+00	0.0000e+00	0.0000e+00
	2011	3.7130e+00	8.0000e+01	-9.5990e-17	5.3035e+00	0.0000e+00	0.0000e+00
455	1998	-5.0163e+01	8.0000e+01	5.9505e-17	-1.6699e+01	0.0000e+00	0.0000e+00
	2010	5.0163e+01	8.0000e+01	-5.9505e-17	1.6699e+01	0.0000e+00	0.0000e+00
456	1997	7.4301e+00	8.0000e+01	-6.4988e-18	-1.9576e+01	0.0000e+00	0.0000e+00
	2009	-7.4301e+00	8.0000e+01	6.4988e-18	1.9576e+01	0.0000e+00	0.0000e+00
457	1995	1.4453e+01	8.0000e+01	-4.2614e-17	-1.4451e+01	0.0000e+00	0.0000e+00
	2007	-1.4453e+01	8.0000e+01	4.2614e-17	1.4451e+01	0.0000e+00	0.0000e+00
458	1994	1.9191e+01	8.0000e+01	-4.7377e-17	-4.5304e+00	0.0000e+00	0.0000e+00
	2006	-1.9191e+01	8.0000e+01	4.7377e-17	4.5304e+00	0.0000e+00	0.0000e+00
459	1992	1.3324e+02	8.0000e+01	-4.2372e-17	7.1171e+00	0.0000e+00	0.0000e+00
	2004	-1.3324e+02	8.0000e+01	4.2372e-17	-7.1171e+00	0.0000e+00	0.0000e+00
460	1991	2.0044e+01	8.0000e+01	-5.5271e-17	1.6254e+01	0.0000e+00	0.0000e+00
	2003	-2.0044e+01	8.0000e+01	5.5271e-17	-1.6254e+01	0.0000e+00	0.0000e+00
461	1989	1.6703e+02	8.0000e+01	-1.0387e-16	1.9991e+01	0.0000e+00	0.0000e+00
	2001	-1.6703e+02	8.0000e+01	1.0387e-16	-1.9991e+01	0.0000e+00	0.0000e+00
462	1988	1.2556e+02	8.0000e+01	-1.9777e-16	3.0870e+00	0.0000e+00	0.0000e+00
	2000	-1.2556e+02	8.0000e+01	1.9777e-16	-3.0870e+00	0.0000e+00	0.0000e+00
463	1987	-4.4423e+00	8.0000e+01	-1.9141e-16	-2.1479e+00	0.0000e+00	0.0000e+00
	1999	4.4423e+00	8.0000e+01	1.9141e-16	2.1479e+00	0.0000e+00	0.0000e+00
464	1926	-1.5502e+02	-7.1952e+01	7.8265e-01	1.1782e+01	-1.1661e+02	-1.0720e+04
	1981	1.5502e+02	7.1952e+01	-7.8265e-01	-1.1782e+01	0.0000e+00	0.0000e+00
465	1924	-2.1764e+02	1.8087e+01	-2.5198e+00	-9.5952e+00	1.3067e+02	-8.9421e+03
	1926	2.1764e+02	-1.8087e+01	2.5198e+00	9.5952e+00	1.1681e+02	1.0719e+04
466	1923	-2.6045e+02	1.0558e+02	8.1329e-01	3.6348e+00	4.9191e+01	1.6763e+03
	1924	2.6045e+02	-1.0558e+02	-8.1329e-01	-3.6348e+00	-1.3098e+02	8.9409e+03
467	1922	-3.2341e+02	1.8088e+02	9.3510e-01	4.9510e+00	-4.2735e+01	1.9436e+04
	1923	3.2341e+02	-1.8088e+02	-9.3510e-01	-4.9510e+00	-4.9076e+01	-1.6765e+03
468	1949	-2.9601e+02	3.2972e+02	-1.0800e+00	-5.6069e+00	2.7705e+01	4.0913e+04
	1922	2.9601e+02	-3.2972e+02	1.0800e+00	5.6069e+00	4.2654e+01	-1.9431e+04
469	1921	-5.3182e+01	-3.7131e+02	-1.4521e+00	-5.4284e+00	8.3758e+01	2.6587e+04
	1949	5.3182e+01	3.7131e+02	1.4521e+00	5.4284e+00	-2.7734e+01	-4.0913e+04
470	1920	-1.2184e+02	-2.8747e+02	3.7645e+00	-2.5974e+00	-2.9777e+02	-2.5751e+03
	1921	1.2184e+02	2.8747e+02	-3.7645e+00	2.5974e+00	-8.3908e+01	-2.6570e+04
471	1918	-1.6560e+02	-1.9526e+02	-6.7796e+00	-3.2535e+01	3.8808e+02	-2.2297e+04
	1920	1.6560e+02	1.9526e+02	6.7796e+00	3.2535e+01	2.9599e+02	2.5949e+03
472	1917	-2.1752e+02	-9.2164e+01	7.0758e+00	1.0341e+01	-3.2436e+02	-3.1608e+04
	1918	2.1752e+02	9.2164e+01	-7.0758e+00	-1.0341e+01	-3.8930e+02	2.2312e+04
473	2107	-2.2440e+02	9.7489e+00	-5.0153e+00	-2.1726e+01	1.9534e+02	-3.0603e+04
	1917	2.2440e+02	-9.7489e+00	5.0153e+00	2.1726e+01	3.2380e+02	3.1612e+04

474	2080	-2.0281e+02	1.1164e+02	2.3782e+00	-5.2697e-01	-3.8289e+01	-1.9573e+04
	2107	2.0281e+02	-1.1164e+02	-2.3782e+00	5.2697e-01	-1.9652e+02	3.0596e+04
475	2079	-1.7122e+02	2.1086e+02	1.0001e+00	-4.6769e+00	-1.3868e+02	1.6694e+03
	2080	1.7122e+02	-2.1086e+02	-1.0001e+00	4.6769e+00	3.8006e+01	1.9557e+04
476	2056	-2.5411e+02	-1.9971e+02	9.5667e+00	1.4377e+01	-6.4620e+02	1.8556e+04
	1959	2.5411e+02	1.9971e+02	-9.5667e+00	-1.4377e+01	-1.7526e+02	-3.5704e+04
477	2039	-1.3337e+02	-1.2639e+02	-1.1738e+01	-2.8922e+01	5.4813e+02	5.7043e+03
	2056	1.3337e+02	1.2639e+02	1.1738e+01	2.8922e+01	6.4570e+02	-1.8559e+04
478	1960	-9.7185e+01	-5.0200e+01	5.1707e+00	1.1229e+01	4.1109e+02	4.3655e+03
	2039	9.7185e+01	5.0200e+01	-5.1707e+00	-1.1229e+01	-5.4877e+02	-5.7022e+03
479	2022	2.9691e+02	-6.6099e+01	7.8526e-01	3.4481e+00	-1.1700e+02	-9.8482e+03
	1980	-2.9691e+02	6.6099e+01	-7.8526e-01	-3.4481e+00	0.0000e+00	0.0000e+00
480	1993	1.9235e+02	9.6218e+00	-3.0224e+00	-1.7883e+01	1.8116e+02	-8.9057e+03
	2022	-1.9235e+02	-9.6218e+00	3.0224e+00	1.7883e+01	1.1568e+02	9.8507e+03
481	1916	9.6280e+01	1.2800e+02	2.4540e+00	4.8236e-01	-6.4734e+01	3.9643e+03
	1993	-9.6280e+01	-1.2800e+02	-2.4540e+00	-4.8236e-01	-1.8204e+02	8.9072e+03
482	2086	3.9899e+01	2.6992e+02	-8.2731e-01	-1.1431e+00	1.6514e+01	3.0466e+04
	1916	-3.9899e+01	-2.6992e+02	8.2731e-01	1.1431e+00	6.4714e+01	-3.9639e+03
483	1948	4.9000e+01	4.1066e+02	7.4815e-01	2.9135e+00	-3.2447e+01	5.7226e+04
	2086	-4.9000e+01	-4.1066e+02	-7.4815e-01	-2.9135e+00	-1.6295e+01	-3.0472e+04
484	2085	3.8142e+02	-5.5271e+02	5.5729e-01	2.7015e+00	-5.3950e+01	3.5902e+04
	1948	-3.8142e+02	5.5271e+02	-5.5729e-01	-2.7015e+00	3.2449e+01	-5.7226e+04
485	2059	3.3815e+02	-4.0362e+02	1.5111e+00	7.9082e-01	-2.0722e+02	-5.0018e+03
	2085	-3.3815e+02	4.0362e+02	-1.5111e+00	-7.9082e-01	5.4013e+01	-3.5920e+04
486	2042	2.6337e+02	-2.7076e+02	-5.2763e+00	-2.0057e+01	3.2614e+02	-3.2301e+04
	2059	-2.6337e+02	2.7076e+02	5.2763e+00	2.0057e+01	2.0625e+02	4.9807e+03
487	2025	2.0822e+02	-1.3114e+02	6.6549e+00	1.5756e+01	-3.4485e+02	-4.5512e+04
	2042	-2.0822e+02	1.3114e+02	-6.6549e+00	-1.5756e+01	-3.2636e+02	3.2285e+04
488	2008	1.9670e+02	1.6932e+01	-6.3584e+00	-1.8360e+01	3.1344e+02	-4.3754e+04
	2025	-1.9670e+02	-1.6932e+01	6.3584e+00	1.8360e+01	3.4472e+02	4.5507e+04
489	1996	1.5956e+02	1.5545e+02	5.9855e+00	1.5422e+01	-2.7738e+02	-2.8415e+04
	2008	-1.5956e+02	-1.5545e+02	-5.9855e+00	-1.5422e+01	-3.1358e+02	4.3762e+04
490	1919	2.1387e+02	3.0078e+02	-5.3526e+00	-1.4755e+01	2.6139e+02	1.8447e+03
	1996	-2.1387e+02	-3.0078e+02	5.3526e+00	1.4755e+01	2.7741e+02	2.8432e+04
491	2098	-9.4764e+01	-3.0956e+02	1.3013e+00	-3.7487e+00	-2.0706e+02	2.6424e+04
	1958	9.4764e+01	3.0956e+02	-1.3013e+00	3.7487e+00	9.5324e+01	-5.3004e+04
492	2097	-9.2906e+01	-1.6031e+02	-4.5697e+00	-1.7520e+01	2.5844e+02	1.0115e+04
	2098	9.2906e+01	1.6031e+02	4.5697e+00	1.7520e+01	2.0635e+02	-2.6420e+04
493	1961	-9.7368e+00	-1.4281e+01	2.4956e+00	1.4214e+00	1.9258e+02	9.7379e+03
	2097	9.7368e+00	1.4281e+01	-2.4956e+00	-1.4214e+00	-2.5903e+02	-1.0118e+04
494	2065	1.1633e+02	-7.4002e+01	4.6422e-01	6.0495e-01	-6.9165e+01	-1.1026e+04
	1979	-1.1633e+02	7.4002e+01	-4.6422e-01	-6.0495e-01	0.0000e+00	0.0000e+00
495	2048	7.1228e+00	1.5327e+01	-1.9764e+00	-1.1968e+01	1.2599e+02	-9.5205e+03
	2065	-7.1228e+00	-1.5327e+01	1.9764e+00	1.1968e+01	6.8124e+01	1.1026e+04
496	2031	-7.3706e+01	1.3267e+02	1.4739e+00	8.0080e-01	-2.1662e+01	3.8208e+03
	2048	7.3706e+01	-1.3267e+02	-1.4739e+00	-8.0080e-01	-1.2655e+02	9.5204e+03
497	2014	-1.4939e+02	2.5483e+02	-3.2630e-01	2.3007e-01	1.0361e+01	2.8841e+04
	2031	1.4939e+02	-2.5483e+02	3.2630e-01	-2.3007e-01	2.1676e+01	-3.8212e+03
498	1947	-1.3034e+02	4.1947e+02	7.3548e-01	2.7468e+00	-3.7923e+01	5.6169e+04
	2014	1.3034e+02	-4.1947e+02	-7.3548e-01	-2.7468e+00	-9.9932e+00	-2.8841e+04
499	2005	1.9708e+02	-5.2796e+02	5.7755e-01	2.5003e+00	-6.0207e+01	3.5800e+04
	1947	-1.9708e+02	5.2796e+02	-5.7755e-01	-2.5003e+00	3.7925e+01	-5.6169e+04
500	1983	1.3674e+02	-3.9671e+02	1.0925e+00	4.0933e-01	-1.7102e+02	-4.4229e+03
	2005	-1.3674e+02	3.9671e+02	-1.0925e+00	-4.0933e-01	6.0258e+01	-3.5799e+04
501	1925	6.8311e+01	-2.6717e+02	-4.2872e+00	-1.6795e+01	2.6239e+02	-3.1383e+04

	1983	-6.8311e+01	2.6717e+02	4.2872e+00	1.6795e+01	1.7019e+02	4.4247e+03
502	2125	7.9765e+00	-1.3049e+02	4.9019e+00	1.1998e+01	-2.3176e+02	-4.4545e+04
	1925	-7.9765e+00	1.3049e+02	-4.9019e+00	-1.1998e+01	-2.6264e+02	3.1383e+04
503	2123	-2.8565e+00	1.3340e+01	-3.8208e+00	-1.0936e+01	1.6368e+02	-4.3164e+04
	2125	2.8565e+00	-1.3340e+01	3.8208e+00	1.0936e+01	2.3181e+02	4.4545e+04
504	2122	1.9105e+01	1.5603e+02	3.1040e+00	6.9055e+00	-1.4259e+02	-2.7759e+04
	2123	-1.9105e+01	-1.5603e+02	-3.1040e+00	-6.9055e+00	-1.6387e+02	4.3164e+04
505	2120	6.8818e+01	2.9323e+02	-3.1484e+00	-8.6012e+00	1.7443e+02	1.7594e+03
	2122	-6.8818e+01	-2.9323e+02	3.1484e+00	8.6012e+00	1.4250e+02	2.7757e+04
506	2119	-1.4690e+02	-2.9767e+02	8.8310e-01	-1.2486e+00	-1.3871e+02	2.5860e+04
	1957	1.4690e+02	2.9767e+02	-8.8310e-01	1.2486e+00	6.2882e+01	-5.1420e+04
507	2118	-9.4242e+01	-1.6261e+02	-2.8340e+00	-1.0505e+01	1.4993e+02	9.3207e+03
	2119	9.4242e+01	1.6261e+02	2.8340e+00	1.0505e+01	1.3832e+02	-2.5860e+04
508	1962	-2.4758e+01	-3.6311e+01	1.4529e+00	4.8381e-01	1.1161e+02	8.3532e+03
	2118	2.4758e+01	3.6311e+01	-1.4529e+00	-4.8381e-01	-1.5029e+02	-9.3201e+03
509	2117	8.5451e+01	-7.9266e+01	2.6738e-01	-1.6367e+00	-3.9836e+01	-1.1810e+04
	1978	-8.5451e+01	7.9266e+01	-2.6738e-01	1.6367e+00	0.0000e+00	0.0000e+00
510	2115	-2.4203e+01	1.5761e+01	-1.4021e+00	-8.8454e+00	9.8830e+01	-1.0260e+04
	2117	2.4203e+01	-1.5761e+01	1.4021e+00	8.8454e+00	3.8876e+01	1.1808e+04
511	2114	-1.0483e+02	1.3626e+02	1.0042e+00	1.1686e+00	-1.7673e+00	3.4424e+03
	2115	1.0483e+02	-1.3626e+02	-1.0042e+00	-1.1686e+00	-9.9218e+01	1.0260e+04
512	2113	-1.8040e+02	2.5924e+02	-9.7903e-02	1.1217e+00	7.8150e+00	2.8895e+04
	2114	1.8040e+02	-2.5924e+02	9.7903e-02	-1.1217e+00	1.7975e+00	-3.4418e+03
513	1946	-1.5935e+02	4.3130e+02	7.4482e-01	2.9914e+00	-4.1219e+01	5.6992e+04
	2113	1.5935e+02	-4.3130e+02	-7.4482e-01	-2.9914e+00	-7.3064e+00	-2.8892e+04
514	2112	1.7435e+02	-5.3407e+02	6.1018e-01	2.7240e+00	-6.4764e+01	3.6387e+04
	1946	-1.7435e+02	5.3407e+02	-6.1018e-01	-2.7240e+00	4.1222e+01	-5.6992e+04
515	2111	1.1381e+02	-4.0203e+02	6.3418e-01	4.7474e-01	-1.2912e+02	-4.3778e+03
	2112	-1.1381e+02	4.0203e+02	-6.3418e-01	-4.7474e-01	6.4819e+01	-3.6383e+04
516	2109	4.4967e+01	-2.7015e+02	-3.1531e+00	-1.2515e+01	1.8964e+02	-3.1641e+04
	2111	-4.4967e+01	2.7015e+02	3.1531e+00	1.2515e+01	1.2851e+02	4.3824e+03
517	2108	-1.7281e-01	-1.3012e+02	3.4371e+00	8.1555e+00	-1.5680e+02	-4.4769e+04
	2109	1.7281e-01	1.3012e+02	-3.4371e+00	-8.1555e+00	-1.8986e+02	3.1645e+04
518	2106	-1.0929e+01	1.4515e+01	-2.4458e+00	-7.3618e+00	9.6323e+01	-4.3267e+04
	2108	1.0929e+01	-1.4515e+01	2.4458e+00	7.3618e+00	1.5684e+02	4.4770e+04
519	2105	1.9200e+01	1.5680e+02	1.8255e+00	3.1479e+00	-8.3701e+01	-2.7785e+04
	2106	-1.9200e+01	-1.5680e+02	-1.8255e+00	-3.1479e+00	-9.6534e+01	4.3266e+04
520	2103	6.8997e+01	2.9399e+02	-2.1971e+00	-5.9493e+00	1.3762e+02	1.8125e+03
	2105	-6.8997e+01	-2.9399e+02	2.1971e+00	5.9493e+00	8.3549e+01	2.7781e+04
521	2102	-1.4724e+02	-2.9836e+02	6.3988e-01	7.9847e-02	-1.0255e+02	2.5944e+04
	1956	1.4724e+02	2.9836e+02	-6.3988e-01	-7.9847e-02	4.7608e+01	-5.1563e+04
522	2101	-9.4628e+01	-1.6328e+02	-1.8977e+00	-6.7661e+00	9.0691e+01	9.3371e+03
	2102	9.4628e+01	1.6328e+02	1.8977e+00	6.7661e+00	1.0233e+02	-2.5944e+04
523	1963	-2.5192e+01	-3.6948e+01	8.8498e-01	-1.1761e-01	6.7379e+01	8.3528e+03
	2101	2.5192e+01	3.6948e+01	-8.8498e-01	1.1761e-01	-9.0943e+01	-9.3366e+03
524	2100	1.4556e+02	-7.8197e+01	7.0809e-02	-3.5402e+00	-1.0550e+01	-1.1651e+04
	1977	-1.4556e+02	7.8197e+01	-7.0809e-02	3.5402e+00	0.0000e+00	0.0000e+00
525	2099	4.5071e+01	-8.3580e+01	-9.8820e-02	-5.6121e+00	1.4723e+01	-1.2453e+04
	1976	-4.5071e+01	8.3580e+01	9.8820e-02	5.6121e+00	0.0000e+00	0.0000e+00
526	2096	2.5982e+01	1.6512e+01	-8.0169e-01	-5.3976e+00	6.9006e+01	-1.0031e+04
	2100	-2.5982e+01	-1.6512e+01	8.0169e-01	5.3976e+00	9.7313e+00	1.1652e+04
527	2095	-6.2089e+01	1.5819e+01	-3.2919e-01	-2.8444e+00	4.7829e+01	-1.0896e+04
	2099	6.2089e+01	-1.5819e+01	3.2919e-01	2.8444e+00	-1.5498e+01	1.2450e+04
528	2094	-6.2828e+01	1.4343e+02	4.8078e-01	1.5906e+00	2.0851e+01	4.3920e+03
	2096	6.2828e+01	-1.4343e+02	-4.8078e-01	-1.5906e+00	-6.9199e+01	1.0031e+04

529	2093	-1.4023e+02	1.3686e+02	1.1962e-01	1.9946e+00	3.5842e+01	2.8672e+03
	2095	1.4023e+02	-1.3686e+02	-1.1962e-01	-1.9946e+00	-4.7872e+01	1.0895e+04
530	2092	-1.4593e+02	2.7699e+02	1.5370e-01	2.1391e+00	5.7114e+00	3.1589e+04
	2094	1.4593e+02	-2.7699e+02	-1.5370e-01	-2.1391e+00	-2.0802e+01	-4.3927e+03
531	2091	-2.1357e+02	2.5743e+02	3.1226e-01	2.9378e+00	5.1183e+00	2.8141e+04
	2093	2.1357e+02	-2.5743e+02	-3.1226e-01	-2.9378e+00	-3.5778e+01	-2.8661e+03
532	1945	-1.2621e+02	4.5334e+02	7.2772e-01	3.4658e+00	-4.2392e+01	6.1128e+04
	2092	1.2621e+02	-4.5334e+02	-7.2772e-01	-3.4658e+00	-5.0184e+00	-3.1593e+04
533	1944	-1.9064e+02	4.3385e+02	7.6200e-01	4.0959e+00	-4.5395e+01	5.6401e+04
	2091	1.9064e+02	-4.3385e+02	-7.6200e-01	-4.0959e+00	-4.2486e+00	-2.8135e+04
534	2090	2.2936e+02	-5.7570e+02	6.1429e-01	3.1909e+00	-6.6099e+01	3.8917e+04
	1945	-2.2936e+02	5.7570e+02	-6.1429e-01	-3.1909e+00	4.2399e+01	-6.1128e+04
535	2089	1.4147e+02	-5.2663e+02	6.7198e-01	3.8017e+00	-7.1331e+01	3.6083e+04
	1944	-1.4147e+02	5.2663e+02	-6.7198e-01	-3.8017e+00	4.5406e+01	-5.6401e+04
536	2088	1.6327e+02	-4.3215e+02	1.3856e-01	8.9506e-01	-8.0218e+01	-4.8860e+03
	2090	-1.6327e+02	4.3215e+02	-1.3856e-01	-8.9506e-01	6.6170e+01	-3.8928e+04
537	2087	8.2369e+01	-3.9727e+02	-5.1204e-01	1.3239e+00	-1.9506e+01	-4.2092e+03
	2089	-8.2369e+01	3.9727e+02	5.1204e-01	-1.3239e+00	7.1420e+01	-3.6069e+04
538	2084	8.8442e+01	-2.9136e+02	-1.8201e+00	-7.1782e+00	1.0375e+02	-3.4272e+04
	2088	-8.8442e+01	2.9136e+02	1.8201e+00	7.1782e+00	7.9901e+01	4.8731e+03
539	2083	1.4935e+01	-2.6618e+02	-1.5203e-01	-6.4479e-01	-4.1996e+00	-3.1084e+04
	2087	-1.4935e+01	2.6618e+02	1.5203e-01	6.4479e-01	1.9540e+01	4.2251e+03
540	2082	3.1445e+01	-1.4243e+02	2.0557e+00	4.1173e+00	-1.0343e+02	-4.8627e+04
	2084	-3.1445e+01	1.4243e+02	-2.0557e+00	-4.1173e+00	-1.0391e+02	3.4262e+04
541	2081	-6.8862e+00	-1.2574e+02	4.5640e-02	-1.2948e+00	-8.7162e+00	-4.3778e+04
	2083	6.8862e+00	1.2574e+02	-4.5640e-02	1.2948e+00	4.1130e+00	3.1096e+04
542	2078	1.9522e+01	1.3142e+01	-1.7503e+00	-6.1126e+00	7.7839e+01	-4.7264e+04
	2082	-1.9522e+01	-1.3142e+01	1.7503e+00	6.1126e+00	1.0334e+02	4.8624e+04
543	2077	-1.7236e+01	1.5536e+01	-1.5885e-01	-2.1489e+00	7.8964e+00	-4.2174e+04
	2081	1.7236e+01	-1.5536e+01	1.5885e-01	2.1489e+00	8.5458e+00	4.3782e+04
544	2076	2.0916e+01	1.7081e+02	1.3362e+00	2.4530e+00	-5.3906e+01	-3.0404e+04
	2078	-2.0916e+01	-1.7081e+02	-1.3362e+00	-2.4530e+00	-7.8016e+01	4.7268e+04
545	2075	1.8801e+01	1.5354e+02	1.0855e-01	-1.0915e+00	-2.6679e+00	-2.7010e+04
	2077	-1.8801e+01	-1.5354e+02	-1.0855e-01	1.0915e+00	-8.0499e+00	4.2169e+04
546	2072	7.5420e+01	3.2135e+02	-1.5961e+00	-3.4083e+00	1.0682e+02	1.9335e+03
	2076	-7.5420e+01	-3.2135e+02	1.5961e+00	3.4083e+00	5.3854e+01	3.0415e+04
547	2071	6.7331e+01	2.8689e+02	-8.8245e-01	-1.3745e+00	8.6296e+01	1.8827e+03
	2075	-6.7331e+01	-2.8689e+02	8.8245e-01	1.3745e+00	2.5338e+00	2.6996e+04
548	2070	-1.6104e+02	-3.2632e+02	2.4622e-01	1.8765e+00	-5.2574e+01	2.8335e+04
	1955	1.6104e+02	3.2632e+02	-2.4622e-01	-1.8765e+00	3.1432e+01	-5.6355e+04
549	2069	-1.4377e+02	-2.9132e+02	-1.0569e-01	3.1308e+00	-1.3072e+01	2.5375e+04
	1954	1.4377e+02	2.9132e+02	1.0569e-01	-3.1308e+00	2.2147e+01	-5.0390e+04
550	2068	-1.0324e+02	-1.7814e+02	-5.9166e-01	-1.6373e+00	7.5961e+00	1.0215e+04
	2070	1.0324e+02	1.7814e+02	5.9166e-01	1.6373e+00	5.2582e+01	-2.8333e+04
551	2067	-9.2696e+01	-1.5995e+02	4.2617e-01	2.2512e+00	-5.6598e+01	9.1102e+03
	2069	9.2696e+01	1.5995e+02	-4.2617e-01	-2.2512e+00	1.3252e+01	-2.5378e+04
552	1964	-2.6978e+01	-3.9567e+01	9.0094e-02	-1.0776e+00	5.2965e+00	9.1621e+03
	2068	2.6978e+01	3.9567e+01	-9.0094e-02	1.0776e+00	-7.6955e+00	-1.0216e+04
553	1965	-2.5274e+01	-3.7069e+01	-5.2289e-01	-1.8927e+00	-4.2688e+01	8.1222e+03
	2067	2.5274e+01	3.7069e+01	5.2289e-01	1.8927e+00	5.6611e+01	-9.1092e+03
554	2066	1.4001e+02	-7.9136e+01	-2.6221e-01	-7.6277e+00	3.9067e+01	-1.1790e+04
	1975	-1.4001e+02	7.9136e+01	2.6221e-01	7.6277e+00	0.0000e+00	0.0000e+00
555	2064	2.0352e+01	1.6597e+01	1.2335e-01	-4.0461e-01	2.7688e+01	-1.0162e+04
	2066	-2.0352e+01	-1.6597e+01	-1.2335e-01	4.0461e-01	-3.9803e+01	1.1792e+04
556	2063	-6.8421e+01	1.4408e+02	-2.2390e-01	2.3903e+00	5.0103e+01	4.3267e+03

	2064	6.8421e+01	-1.4408e+02	2.2390e-01	-2.3903e+00	-2.7587e+01	1.0162e+04
557	2062	-1.5150e+02	2.7779e+02	4.5920e-01	3.7089e+00	4.9368e+00	3.1602e+04
	2063	1.5150e+02	-2.7779e+02	-4.5920e-01	-3.7089e+00	-5.0023e+01	-4.3272e+03
558	1943	-1.3142e+02	4.5547e+02	7.5224e-01	4.7996e+00	-4.5124e+01	6.1280e+04
	2062	1.3142e+02	-4.5547e+02	-7.5224e-01	-4.7996e+00	-3.8848e+00	-3.1606e+04
559	2061	2.2528e+02	-5.7680e+02	6.8549e-01	4.5068e+00	-7.1585e+01	3.9027e+04
	1943	-2.2528e+02	5.7680e+02	-6.8549e-01	-4.5068e+00	4.5138e+01	-6.1280e+04
560	2060	1.5916e+02	-4.3310e+02	-7.1580e-01	2.0198e+00	8.7435e-01	-4.8733e+03
	2061	-1.5916e+02	4.3310e+02	7.1580e-01	-2.0198e+00	7.1698e+01	-3.9038e+04
561	2058	8.4252e+01	-2.9190e+02	4.0148e-01	2.0975e+00	-3.9844e+01	-3.4313e+04
	2060	-8.4252e+01	2.9190e+02	-4.0148e-01	-2.0975e+00	-6.6675e-01	4.8602e+03
562	2057	2.0905e+01	-1.4282e+02	-4.7474e-01	-2.4943e+00	8.0391e+00	-4.8708e+04
	2058	-2.0905e+01	1.4282e+02	4.7474e-01	2.4943e+00	3.9843e+01	3.4303e+04
563	2055	8.9949e+00	1.3795e+01	3.4030e-03	-1.6886e+00	7.8938e+00	-4.7276e+04
	2057	-8.9949e+00	-1.3795e+01	-3.4030e-03	1.6886e+00	-8.2460e+00	4.8704e+04
564	2054	2.0933e+01	1.7095e+02	3.0599e-02	-6.9152e-01	4.9859e+00	-3.0403e+04
	2055	-2.0933e+01	-1.7095e+02	-3.0599e-02	6.9152e-01	-8.0070e+00	4.7281e+04
565	2052	7.5452e+01	3.2149e+02	-7.5338e-01	-1.4664e-01	8.0869e+01	1.9481e+03
	2054	-7.5452e+01	-3.2149e+02	7.5338e-01	1.4664e-01	-5.0315e+00	3.0414e+04
566	2051	-1.6111e+02	-3.2646e+02	-5.8020e-01	4.0786e+00	3.1558e+01	2.8353e+04
	1953	1.6111e+02	3.2646e+02	5.8020e-01	-4.0786e+00	1.8261e+01	-5.6384e+04
567	2050	-1.0332e+02	-1.7827e+02	1.5233e+00	6.1762e+00	-1.2372e+02	1.0218e+04
	2051	1.0332e+02	1.7827e+02	-1.5233e+00	-6.1762e+00	-3.1216e+01	-2.8350e+04
568	1966	-2.7066e+01	-3.9697e+01	-1.1617e+00	-2.8854e+00	-9.2906e+01	9.1621e+03
	2050	2.7066e+01	3.9697e+01	1.1617e+00	2.8854e+00	1.2384e+02	-1.0219e+04
569	2049	9.3003e+01	-7.7994e+01	-4.4023e-01	-9.6929e+00	6.5591e+01	-1.1620e+04
	1974	-9.3003e+01	7.7994e+01	4.4023e-01	9.6929e+00	0.0000e+00	0.0000e+00
570	2047	-1.6546e+01	1.5640e+01	6.6409e-01	2.3824e+00	1.0367e+00	-1.0084e+04
	2049	1.6546e+01	-1.5640e+01	-6.6409e-01	-2.3824e+00	-6.6260e+01	1.1620e+04
571	2046	-9.7222e+01	1.3537e+02	-6.8152e-01	2.4748e+00	6.9325e+01	3.5291e+03
	2047	9.7222e+01	-1.3537e+02	6.8152e-01	-2.4748e+00	-7.9105e-01	1.0083e+04
572	2045	-1.7282e+02	2.5814e+02	6.3893e-01	4.2995e+00	6.5035e+00	2.8874e+04
	2046	1.7282e+02	-2.5814e+02	-6.3893e-01	-4.2995e+00	-6.9236e+01	-3.5289e+03
573	1942	-1.5226e+02	4.2840e+02	9.0092e-01	5.7540e+00	-5.3434e+01	5.6783e+04
	2045	1.5226e+02	-4.2840e+02	-9.0092e-01	-5.7540e+00	-5.2604e+00	-2.8873e+04
574	2044	1.7990e+02	-5.3258e+02	8.6605e-01	5.4078e+00	-8.6866e+01	3.6235e+04
	1942	-1.7990e+02	5.3258e+02	-8.6605e-01	-5.4078e+00	5.3453e+01	-5.6783e+04
575	2043	1.1941e+02	-4.0073e+02	-1.6453e+00	2.3900e+00	7.9814e+01	-4.3973e+03
	2044	-1.1941e+02	4.0073e+02	1.6453e+00	-2.3900e+00	8.7001e+01	-3.6231e+04
576	2041	5.0663e+01	-2.6942e+02	2.4663e+00	1.0406e+01	-1.6968e+02	-3.1588e+04
	2043	-5.0663e+01	2.6942e+02	-2.4663e+00	-1.0406e+01	-7.9169e+01	4.4023e+03
577	2040	1.7405e+01	-1.2943e+02	-2.7393e+00	-8.4454e+00	1.0647e+02	-4.4645e+04
	2041	-1.7405e+01	1.2943e+02	2.7393e+00	8.4454e+00	1.6981e+02	3.1591e+04
578	2038	6.6307e+00	1.3469e+01	1.4891e+00	2.1054e+00	-4.7353e+01	-4.3252e+04
	2040	-6.6307e+00	-1.3469e+01	-1.4891e+00	-2.1054e+00	-1.0679e+02	4.4647e+04
579	2037	1.9177e+01	1.5662e+02	-8.9408e-01	-2.7415e+00	4.0930e+01	-2.7788e+04
	2038	-1.9177e+01	-1.5662e+02	8.9408e-01	2.7415e+00	4.7344e+01	4.3251e+04
580	2035	6.8954e+01	2.9380e+02	-3.6454e-01	1.7142e+00	7.7681e+01	1.7913e+03
	2037	-6.8954e+01	-2.9380e+02	3.6454e-01	-1.7142e+00	-4.0986e+01	2.7784e+04
581	2034	-1.4715e+02	-2.9817e+02	-1.4062e+00	4.8485e+00	1.0105e+02	2.5919e+04
	1952	1.4715e+02	2.9817e+02	1.4062e+00	-4.8485e+00	1.9693e+01	-5.1522e+04
582	2033	-9.4518e+01	-1.6309e+02	3.1360e+00	1.1583e+01	-2.1846e+02	9.3323e+03
	2034	9.4518e+01	1.6309e+02	-3.1360e+00	-1.1583e+01	-1.0050e+02	-2.5920e+04
583	1967	-2.5068e+01	-3.6767e+01	-2.0615e+00	-4.4195e+00	-1.6383e+02	8.3528e+03
	2033	2.5068e+01	3.6767e+01	2.0615e+00	4.4195e+00	2.1873e+02	-9.3318e+03

584	2032	1.0200e+02	-7.6468e+01	-6.1211e-01	-1.2018e+01	9.1199e+01	-1.1393e+04
	1973	-1.0200e+02	7.6468e+01	6.1211e-01	1.2018e+01	0.0000e+00	0.0000e+00
585	2030	-7.4242e+00	1.5506e+01	1.1606e+00	4.7477e+00	-2.2120e+01	-9.8690e+03
	2032	7.4242e+00	-1.5506e+01	-1.1606e+00	-4.7477e+00	-9.1865e+01	1.1392e+04
586	2029	-8.8160e+01	1.3431e+02	-1.0693e+00	2.4922e+00	8.5043e+01	3.6379e+03
	2030	8.8160e+01	-1.3431e+02	1.0693e+00	-2.4922e+00	2.2487e+01	9.8688e+03
587	2028	-1.6379e+02	2.5685e+02	7.8431e-01	4.7308e+00	7.9414e+00	2.8856e+04
	2029	1.6379e+02	-2.5685e+02	-7.8431e-01	-4.7308e+00	-8.4947e+01	-3.6377e+03
588	1941	-1.4382e+02	4.2494e+02	1.0493e+00	6.5226e+00	-6.1812e+01	5.6541e+04
	2028	1.4382e+02	-4.2494e+02	-1.0493e+00	-6.5226e+00	-6.5499e+00	-2.8856e+04
589	2027	1.8651e+02	-5.3080e+02	1.0478e+00	6.1226e+00	-1.0226e+02	3.6062e+04
	1941	-1.8651e+02	5.3080e+02	-1.0478e+00	-6.1226e+00	6.1833e+01	-5.6541e+04
590	2026	1.2608e+02	-3.9918e+02	-2.2594e+00	2.5700e+00	1.2666e+02	-4.4115e+03
	2027	-1.2608e+02	3.9918e+02	2.2594e+00	-2.5700e+00	1.0241e+02	-3.6060e+04
591	2024	5.7456e+01	-2.6855e+02	3.6340e+00	1.5297e+01	-2.4092e+02	-3.1511e+04
	2026	-5.7456e+01	2.6855e+02	-3.6340e+00	-1.5297e+01	-1.2576e+02	4.4128e+03
592	2023	2.1893e+01	-1.2943e+02	-4.1203e+00	-1.1510e+01	1.7441e+02	-4.4565e+04
	2024	-2.1893e+01	1.2943e+02	4.1203e+00	1.1510e+01	2.4115e+02	3.1511e+04
593	2021	1.1097e+01	1.3025e+01	2.6677e+00	5.7620e+00	-1.0144e+02	-4.3217e+04
	2023	-1.1097e+01	-1.3025e+01	-2.6677e+00	-5.7620e+00	-1.7470e+02	4.4565e+04
594	2020	1.9150e+01	1.5639e+02	-1.7824e+00	-5.0014e+00	7.4485e+01	-2.7776e+04
	2021	-1.9150e+01	-1.5639e+02	1.7824e+00	5.0014e+00	1.0150e+02	4.3217e+04
595	2018	6.8902e+01	2.9358e+02	-4.8861e-02	3.1072e+00	7.9506e+01	1.7773e+03
	2020	-6.8902e+01	-2.9358e+02	4.8861e-02	-3.1072e+00	-7.4588e+01	2.7775e+04
596	2017	-1.4704e+02	-2.9794e+02	-2.1872e+00	4.8615e+00	1.6139e+02	2.5894e+04
	1951	1.4704e+02	2.9794e+02	2.1872e+00	-4.8615e+00	2.6414e+01	-5.1477e+04
597	2016	-9.4392e+01	-1.6287e+02	4.4476e+00	1.5624e+01	-2.9166e+02	9.3276e+03
	2017	9.4392e+01	1.6287e+02	-4.4476e+00	-1.5624e+01	-1.6070e+02	-2.5893e+04
598	1968	-2.4927e+01	-3.6560e+01	-2.7545e+00	-5.7410e+00	-2.1868e+02	8.3534e+03
	2016	2.4927e+01	3.6560e+01	2.7545e+00	5.7410e+00	2.9202e+02	-9.3269e+03
599	2015	3.0700e+02	-6.4099e+01	-8.7360e-01	-1.5189e+01	1.3016e+02	-9.5502e+03
	1972	-3.0700e+02	6.4099e+01	8.7360e-01	1.5189e+01	0.0000e+00	0.0000e+00
600	2013	1.8077e+02	8.6377e+00	2.0204e+00	8.7061e+00	-6.7682e+01	-8.7051e+03
	2015	-1.8077e+02	-8.6377e+00	-2.0204e+00	-8.7061e+00	-1.3075e+02	9.5535e+03
601	2012	8.4662e+01	1.2819e+02	-1.8421e+00	1.8347e+00	1.1703e+02	4.1838e+03
	2013	-8.4662e+01	-1.2819e+02	1.8421e+00	-1.8347e+00	6.8215e+01	8.7067e+03
602	2011	1.7167e+01	2.6457e+02	1.0659e+00	4.9428e+00	1.2290e+01	3.0161e+04
	2012	-1.7167e+01	-2.6457e+02	-1.0659e+00	-4.9428e+00	-1.1694e+02	-4.1839e+03
603	1940	2.5649e+01	4.1101e+02	1.4702e+00	7.7874e+00	-8.5067e+01	5.6944e+04
	2011	-2.5649e+01	-4.1101e+02	-1.4702e+00	-7.7874e+00	-1.0716e+01	-3.0167e+04
604	2010	3.5603e+02	-5.4624e+02	1.5290e+00	7.2383e+00	-1.4408e+02	3.5870e+04
	1940	-3.5603e+02	5.4624e+02	-1.5290e+00	-7.2383e+00	8.5093e+01	-5.6944e+04
605	2009	3.2441e+02	-4.0339e+02	-3.6067e+00	2.1143e+00	2.2144e+02	-5.0104e+03
	2010	-3.2441e+02	4.0339e+02	3.6067e+00	-2.1143e+00	1.4423e+02	-3.5888e+04
606	2007	2.4972e+02	-2.6915e+02	5.9382e+00	2.4377e+01	-3.7907e+02	-3.2147e+04
	2009	-2.4972e+02	2.6915e+02	-5.9382e+00	-2.4377e+01	-2.2011e+02	4.9897e+03
607	2006	2.3969e+02	-1.3095e+02	-7.1460e+00	-1.7594e+01	3.4128e+02	-4.5339e+04
	2007	-2.3969e+02	1.3095e+02	7.1460e+00	1.7594e+01	3.7945e+02	3.2131e+04
608	2004	2.2803e+02	1.4016e+01	5.8892e+00	1.6179e+01	-2.6824e+02	-4.3883e+04
	2006	-2.2803e+02	-1.4016e+01	-5.8892e+00	-1.6179e+01	-3.4135e+02	4.5334e+04
609	2003	2.3409e+02	1.5855e+02	-4.4817e+00	-1.2528e+01	1.7404e+02	-2.8237e+04
	2004	-2.3409e+02	-1.5855e+02	4.4817e+00	1.2528e+01	2.6845e+02	4.3891e+04
610	2001	2.8829e+02	2.9578e+02	9.0936e-01	6.4230e+00	8.2828e+01	1.5197e+03
	2003	-2.8829e+02	-2.9578e+02	-9.0936e-01	-6.4230e+00	-1.7437e+02	2.8254e+04
611	2000	-2.1507e+00	-3.1444e+02	-3.9647e+00	4.0531e+00	2.9159e+02	2.6215e+04

1950	2.1507e+00	3.1444e+02	3.9647e+00	-4.0531e+00	4.8852e+01	-5.3215e+04
612	1999	-2.8522e+01	-1.5548e+02	7.1371e+00	2.3435e+01	-4.3524e+02
	2000	2.8522e+01	1.5548e+02	-7.1371e+00	-2.3435e+01	-2.9067e+02
613	1969	5.4828e+01	-1.4172e+01	-4.1118e+00	-8.4479e+00	-3.2630e+02
	1999	-5.4828e+01	1.4172e+01	4.1118e+00	8.4479e+00	4.3579e+02
614	1982	-1.5596e+02	-7.1654e+01	-1.5152e+00	-1.6733e+01	2.2575e+02
	1971	1.5596e+02	7.1654e+01	1.5152e+00	1.6733e+01	0.0000e+00
615	1984	-2.4010e+02	1.7445e+01	4.1076e+00	2.4523e+01	-1.7840e+02
	1982	2.4010e+02	-1.7445e+01	-4.1076e+00	-2.4523e+01	-2.2503e+02
616	1985	-2.8286e+02	1.0721e+02	-4.5044e+00	6.4033e+00	2.7301e+02
	1984	2.8286e+02	-1.0721e+02	4.5044e+00	-6.4033e+00	1.7996e+02
617	1986	-3.6053e+02	1.7674e+02	3.3474e+00	1.3710e+01	-5.5903e+01
	1985	3.6053e+02	-1.7674e+02	-3.3474e+00	-1.3710e+01	-2.7276e+02
618	1938	-3.3303e+02	3.3474e+02	-3.6555e-01	-3.1873e-01	-3.3743e+01
	1986	3.3303e+02	-3.3474e+02	3.6555e-01	3.1873e-01	5.7559e+01
619	1998	-8.9326e+01	-3.6851e+02	-4.7434e-01	-5.3340e-01	-1.5440e+01
	1938	8.9326e+01	3.6851e+02	4.7434e-01	5.3340e-01	3.3741e+01
620	1997	-1.4995e+02	-2.8989e+02	-1.8582e+00	-1.0375e+00	1.7298e+02
	1998	1.4995e+02	2.8989e+02	1.8582e+00	1.0375e+00	1.5411e+01
621	1995	-1.9380e+02	-1.9484e+02	5.5720e+00	1.6367e+01	-3.9001e+02
	1997	1.9380e+02	1.9484e+02	-5.5720e+00	-1.6367e+01	-1.7221e+02
622	1994	-2.0607e+02	-9.1916e+01	-8.8371e+00	-2.6716e+01	5.0185e+02
	1995	2.0607e+02	9.1916e+01	8.8371e+00	2.6716e+01	3.8946e+02
623	1992	-2.1298e+02	8.8656e+00	1.0354e+01	2.2950e+01	-5.6967e+02
	1994	2.1298e+02	-8.8656e+00	-1.0354e+01	-2.2950e+01	-5.0203e+02
624	1991	-1.2414e+02	1.1527e+02	-1.1220e+01	-3.8326e+01	5.3888e+02
	1992	1.2414e+02	-1.1527e+02	1.1220e+01	3.8326e+01	5.6886e+02
625	1989	-9.2625e+01	2.0594e+02	8.8247e+00	2.0350e+01	-3.4846e+02
	1991	9.2625e+01	-2.0594e+02	-8.8247e+00	-2.0350e+01	-5.3986e+02
626	1988	-1.6062e+02	-2.0506e+02	3.2488e+00	2.2456e+01	-5.7608e+01
	1939	1.6062e+02	2.0506e+02	-3.2488e+00	-2.2456e+01	-2.2136e+02
627	1987	-7.0396e+01	-1.2147e+02	1.9449e+00	1.8596e+01	-2.5679e+02
	1988	7.0396e+01	1.2147e+02	-1.9449e+00	-1.8596e+01	5.8977e+01
628	1970	-3.4022e+01	-4.9898e+01	-2.4974e+00	-2.2733e-01	-1.9096e+02
	1987	3.4022e+01	4.9898e+01	2.4974e+00	2.2733e-01	2.5746e+02
629	1910	0.0000e+00	6.7827e+01	0.0000e+00	1.1840e-01	0.0000e+00
	28	0.0000e+00	-6.7827e+01	0.0000e+00	-1.1840e-01	0.0000e+00
630	1905	0.0000e+00	4.9412e+01	0.0000e+00	-2.8164e+01	0.0000e+00
	33	0.0000e+00	-4.9412e+01	0.0000e+00	2.8164e+01	0.0000e+00
631	1915	0.0000e+00	4.8782e+01	0.0000e+00	1.7075e+01	0.0000e+00
	23	0.0000e+00	-4.8782e+01	0.0000e+00	-1.7075e+01	0.0000e+00
632	1894	-7.5541e+01	-1.5330e+02	-7.8265e-01	9.1728e+00	1.0366e+02
	1981	7.5541e+01	1.5330e+02	7.8265e-01	-9.1728e+00	-7.3936e+00
633	1895	2.7265e+02	1.3486e+02	-7.8526e-01	2.6846e+00	9.8751e+01
	1980	-2.7265e+02	-1.3486e+02	7.8526e-01	-2.6846e+00	-2.1639e+00
634	1896	1.3702e+02	1.5390e+01	-4.6422e-01	4.7100e-01	5.7479e+01
	1979	-1.3702e+02	-1.5390e+01	4.6422e-01	-4.7100e-01	-3.7964e-01
635	1897	1.1627e+02	-8.0889e+00	-2.6738e-01	-1.2743e+00	3.1860e+01
	1978	-1.1627e+02	8.0889e+00	2.6738e-01	1.2743e+00	1.0271e+00
636	1898	1.6241e+02	3.0468e+01	-7.0809e-02	-2.7563e+00	6.4879e+00
	1977	-1.6241e+02	-3.0468e+01	7.0809e-02	2.7563e+00	2.2216e+00
637	1899	8.7541e+01	-3.6788e+01	9.8820e-02	-4.3694e+00	-1.5677e+01
	1976	-8.7541e+01	3.6788e+01	-9.8820e-02	4.3694e+00	3.5219e+00
638	1900	1.5867e+02	2.6253e+01	2.6221e-01	-5.9387e+00	-3.7039e+01
	1975	-1.5867e+02	-2.6253e+01	-2.6221e-01	5.9387e+00	4.7868e+00

639	1901	1.2135e+02	-2.3593e+00	4.4023e-01	-7.5466e+00	-6.0231e+01	-2.9019e+02
	1974	-1.2135e+02	2.3593e+00	-4.4023e-01	7.5466e+00	6.0828e+00	0.0000e+00
640	1902	1.2740e+02	4.4727e+00	6.1211e-01	-9.3567e+00	-8.2832e+01	5.5014e+02
	1973	-1.2740e+02	-4.4727e+00	-6.1211e-01	9.3567e+00	7.5418e+00	3.6380e-12
641	1903	2.7925e+02	1.4275e+02	8.7360e-01	-1.1825e+01	-1.1698e+02	1.7558e+04
	1972	-2.7925e+02	-1.4275e+02	-8.7360e-01	1.1825e+01	9.5317e+00	-3.6380e-12
642	1904	-7.6457e+01	-1.5366e+02	1.5152e+00	-1.3028e+01	-1.9687e+02	-1.8900e+04
	1971	7.6457e+01	1.5366e+02	-1.5152e+00	1.3028e+01	1.0501e+01	2.9104e-11
2422	55	-8.3267e-16	9.6724e-01	-1.3184e-16	3.0783e+01	8.8818e-15	1.6232e+02
	56	8.3267e-16	-9.6724e-01	1.3184e-16	-3.0783e+01	7.1054e-15	2.2458e+02
2423	54	1.6653e-16	-2.0389e-01	2.4286e-17	6.1447e+00	-1.9540e-14	-4.1517e+01
	55	-1.6653e-16	2.0389e-01	-2.4286e-17	-6.1447e+00	-3.8192e-14	-4.8195e+01
2424	53	-2.7756e-16	7.5926e-02	1.3878e-17	-6.9768e-01	-3.1974e-14	2.2638e+01
	54	2.7756e-16	-7.5926e-02	-1.3878e-17	6.9768e-01	6.3949e-14	-1.3782e+00
2425	52	1.1102e-16	2.7824e-02	1.7347e-18	-1.5360e+00	3.1086e-15	-1.8604e+00
	53	-1.1102e-16	-2.7824e-02	-1.7347e-18	1.5360e+00	-1.2879e-14	1.4103e+01
2426	51	-1.1102e-16	-1.2207e-01	-2.0817e-16	-1.3718e+01	3.1308e-14	-1.7220e+01
	52	1.1102e-16	1.2207e-01	2.0817e-16	1.3718e+01	6.3283e-14	-2.5504e+01
2427	50	7.7716e-16	7.7190e-02	2.3332e-16	1.3583e+01	4.9738e-14	1.7503e+01
	51	-7.7716e-16	-7.7190e-02	-2.3332e-16	-1.3583e+01	-3.3973e-14	9.5136e+00
2428	49	-6.1062e-16	-5.5814e-02	1.5613e-17	1.8899e+00	1.0214e-14	-2.0125e+01
	50	6.1062e-16	5.5814e-02	-1.5613e-17	-1.8899e+00	-5.3291e-15	-4.4328e+00
2429	48	-6.1062e-16	-1.4357e-01	-1.6653e-16	-1.7346e-02	-3.7303e-14	-8.1329e+00
	49	6.1062e-16	1.4357e-01	1.6653e-16	1.7346e-02	5.6843e-14	-3.2066e+01
2430	47	0.0000e+00	1.7546e-01	7.9797e-17	-5.6034e+00	-5.3291e-15	4.1792e+01
	48	0.0000e+00	-1.7546e-01	-7.9797e-17	5.6034e+00	-2.2204e-14	3.5411e+01
2431	35	-5.5511e-17	-1.0093e+00	6.9389e-17	-3.1406e+01	1.7764e-15	-2.3337e+02
	47	5.5511e-17	1.0093e+00	-6.9389e-17	3.1406e+01	0.0000e+00	-1.7036e+02
2432	45	-8.8818e-16	1.3085e+00	-6.9389e-17	-9.8106e+00	-3.5527e-15	2.1501e+02
	46	8.8818e-16	-1.3085e+00	6.9389e-17	9.8106e+00	-5.3291e-15	3.0840e+02
2433	44	-8.8818e-16	-7.7332e-01	0.0000e+00	-9.6876e+00	-1.3323e-14	-1.7322e+02
	45	8.8818e-16	7.7332e-01	0.0000e+00	9.6876e+00	-3.0198e-14	-1.6704e+02
2434	43	4.4409e-16	-1.2861e-01	-5.1348e-16	-2.1869e+00	4.7962e-14	1.5073e+01
	44	-4.4409e-16	1.2861e-01	5.1348e-16	2.1869e+00	3.0198e-14	-5.1085e+01
2435	42	1.3323e-15	1.3400e-01	5.2042e-18	7.3855e-01	3.5527e-15	8.1221e+00
	43	-1.3323e-15	-1.3400e-01	-5.2042e-18	-7.3855e-01	-1.2434e-14	5.0837e+01
2436	65	6.6613e-16	2.2567e-01	-6.9389e-17	2.5679e+01	-3.5527e-15	1.0958e+01
	66	-6.6613e-16	-2.2567e-01	6.9389e-17	-2.5679e+01	-5.3291e-15	7.9311e+01
2437	64	-6.6613e-16	-6.4117e-01	-1.7347e-17	1.4565e+01	-9.7700e-15	-1.4996e+02
	65	6.6613e-16	6.4117e-01	1.7347e-17	-1.4565e+01	-2.8422e-14	-1.3215e+02
2438	63	-1.7764e-15	3.5302e-04	0.0000e+00	2.5616e+00	-3.0198e-14	3.0694e+01
	64	1.7764e-15	-3.5302e-04	0.0000e+00	-2.5616e+00	6.5725e-14	-3.0595e+01
2439	62	2.2204e-16	9.2782e-02	3.6429e-17	1.3221e+00	-4.4409e-15	-6.5516e-02
	63	-2.2204e-16	-9.2782e-02	-3.6429e-17	-1.3221e+00	-2.0428e-14	4.0889e+01
2440	61	0.0000e+00	2.3837e-01	-2.3332e-16	-4.9326e-01	3.5305e-14	5.2847e+01
	62	0.0000e+00	-2.3837e-01	2.3332e-16	4.9326e-01	-4.6629e-14	3.0582e+01
2441	41	-8.8818e-16	-3.3860e-01	-1.4919e-16	3.9567e+00	1.9984e-14	-4.9521e+01
	42	8.8818e-16	3.3860e-01	1.4919e-16	-3.9567e+00	5.1070e-14	-6.8989e+01
2442	40	0.0000e+00	2.8480e-01	2.0730e-16	-3.9438e+00	5.4512e-14	5.9220e+01
	41	0.0000e+00	-2.8480e-01	-2.0730e-16	3.9438e+00	-2.9088e-14	4.0460e+01
2443	39	4.4409e-16	-1.3135e-01	1.7347e-18	-8.8458e-02	1.3323e-14	-4.9810e+01
	40	-4.4409e-16	1.3135e-01	-1.7347e-18	8.8458e-02	-2.6645e-15	-7.9855e+00
2444	38	0.0000e+00	-3.7194e-02	-1.6653e-16	1.3853e+00	-4.2633e-14	2.7670e+01
	39	0.0000e+00	3.7194e-02	1.6653e-16	-1.3853e+00	-6.0396e-14	-3.8084e+01
2445	37	-2.2204e-16	8.0275e-01	-9.7145e-17	1.0828e+01	-1.2434e-14	1.7315e+02

	38	2.2204e-16	-8.0275e-01	9.7145e-17	-1.0828e+01	2.7534e-14	1.8006e+02
2446	34	-2.2204e-16	-1.3830e+00	2.7756e-17	9.3729e+00	1.0658e-14	-3.2327e+02
	37	2.2204e-16	1.3830e+00	-2.7756e-17	-9.3729e+00	8.8818e-15	-2.2991e+02
2447	60	6.6613e-16	-2.9534e-01	1.2577e-16	8.0911e-01	-4.6074e-14	-4.0709e+01
	61	-6.6613e-16	2.9534e-01	-1.2577e-16	-8.0911e-01	-1.5321e-14	-6.2660e+01
2448	59	-8.8818e-16	-1.2663e-01	1.9082e-17	-1.2188e+00	9.3259e-15	-4.8219e+01
	60	8.8818e-16	1.2663e-01	-1.9082e-17	1.2188e+00	-6.6613e-15	-7.4996e+00
2449	58	8.8818e-16	-9.1374e-02	-3.8858e-16	-2.0791e+00	-1.4211e-14	1.7744e+01
	59	-8.8818e-16	9.1374e-02	3.8858e-16	2.0791e+00	-3.1974e-14	-4.3329e+01
2450	57	2.2204e-16	6.1428e-01	-5.8981e-17	-1.4938e+01	-1.8652e-14	1.2601e+02
	58	-2.2204e-16	-6.1428e-01	5.8981e-17	1.4938e+01	2.1316e-14	1.4427e+02
2451	36	6.6613e-16	-2.7585e-01	2.7756e-17	-2.5566e+01	8.8818e-15	-8.9836e+01
	57	-6.6613e-16	2.7585e-01	-2.7756e-17	2.5566e+01	8.8818e-15	-2.0502e+01
2452	56	-3.0198e-14	1.4532e+01	0.0000e+00	4.9989e+01	8.8818e-16	3.4241e+03
	46	3.0198e-14	-1.4532e+01	0.0000e+00	-4.9989e+01	-3.3307e-16	2.9120e+03
2453	66	-2.8422e-14	-1.9636e+01	1.3878e-17	-4.3835e+01	4.4409e-16	-2.4875e+03
	56	2.8422e-14	1.9636e+01	-1.3878e-17	4.3835e+01	-4.4409e-16	-3.4819e+03
2454	55	-4.6185e-14	1.5142e+01	8.6736e-19	6.6138e+00	-6.6613e-16	3.6578e+03
	45	4.6185e-14	-1.5142e+01	-8.6736e-19	-6.6138e+00	-8.8818e-16	2.9440e+03
2455	65	5.3291e-15	-2.3489e+01	-6.9389e-18	-3.1664e+01	4.4409e-16	-3.0913e+03
	55	-5.3291e-15	2.3489e+01	6.9389e-18	3.1664e+01	8.8818e-16	-4.0494e+03
2456	54	-1.1546e-14	1.6874e+01	-2.6021e-18	-1.3088e+01	-2.2204e-16	4.0787e+03
	44	1.1546e-14	-1.6874e+01	2.6021e-18	1.3088e+01	0.0000e+00	3.2783e+03
2457	64	-2.3093e-14	-2.6613e+01	1.3878e-17	2.2156e+01	4.4409e-16	-3.5331e+03
	54	2.3093e-14	2.6613e+01	-1.3878e-17	-2.2156e+01	-4.4409e-16	-4.5572e+03
2458	53	-2.3093e-14	1.7134e+01	-5.2042e-18	2.8015e+01	8.8818e-16	4.1379e+03
	43	2.3093e-14	-1.7134e+01	5.2042e-18	-2.8015e+01	-5.5511e-16	3.3324e+03
2459	63	1.4211e-14	-2.6875e+01	-6.9389e-18	-2.9983e+01	0.0000e+00	-3.5647e+03
	53	-1.4211e-14	2.6875e+01	6.9389e-18	2.9983e+01	-1.3323e-15	-4.6051e+03
2460	52	1.1102e-14	1.6967e+01	-6.9389e-18	-1.2988e+01	-2.2204e-16	4.0954e+03
	42	-1.1102e-14	-1.6967e+01	6.9389e-18	1.2988e+01	0.0000e+00	3.3023e+03
2461	62	-4.8406e-14	-2.6394e+01	-6.9389e-18	2.4954e+01	-2.6645e-15	-3.4805e+03
	52	4.8406e-14	2.6394e+01	6.9389e-18	-2.4954e+01	-2.2204e-15	-4.5433e+03
2462	51	-1.4788e-15	1.6905e+01	3.4694e-18	6.4817e-01	2.2204e-16	4.0435e+03
	41	1.4788e-15	-1.6905e+01	-3.4694e-18	-6.4817e-01	-1.1102e-16	3.3273e+03
2463	61	-1.7107e-14	-2.4792e+01	3.4694e-18	5.0768e-01	4.4409e-16	-3.1958e+03
	51	1.7107e-14	2.4792e+01	-3.4694e-18	-5.0768e-01	4.4409e-16	-4.3410e+03
2464	50	-2.3537e-14	1.7004e+01	0.0000e+00	1.3780e+01	-2.2204e-16	4.1032e+03
	40	2.3537e-14	-1.7004e+01	0.0000e+00	-1.3780e+01	-6.6613e-16	3.3108e+03
2465	60	4.8850e-14	-2.6393e+01	3.4694e-18	-2.3906e+01	-8.8818e-16	-3.4790e+03
	50	-4.8850e-14	2.6393e+01	-3.4694e-18	2.3906e+01	-1.7764e-15	-4.5446e+03
2466	49	1.3323e-14	1.7141e+01	4.3368e-18	-2.6273e+01	-6.6613e-16	4.1384e+03
	39	-1.3323e-14	-1.7141e+01	-4.3368e-18	2.6273e+01	-3.3307e-16	3.3352e+03
2467	59	-7.1054e-15	-2.6831e+01	-6.9389e-18	3.1109e+01	0.0000e+00	-3.5577e+03
	49	7.1054e-15	2.6831e+01	6.9389e-18	-3.1109e+01	-1.3323e-15	-4.5989e+03
2468	48	1.0658e-14	1.6964e+01	8.6736e-18	1.4517e+01	8.8818e-16	4.0974e+03
	38	-1.0658e-14	-1.6964e+01	-8.6736e-18	-1.4517e+01	5.5511e-16	3.2990e+03
2469	58	4.0856e-14	-2.6593e+01	-6.9389e-18	-2.0843e+01	0.0000e+00	-3.5267e+03
	48	-4.0856e-14	2.6593e+01	6.9389e-18	2.0843e+01	1.7764e-15	-4.5576e+03
2470	47	5.1514e-14	1.5129e+01	-7.8063e-18	-5.8628e+00	2.2204e-16	3.6523e+03
	37	-5.1514e-14	-1.5129e+01	7.8063e-18	5.8628e+00	0.0000e+00	2.9437e+03
2471	57	-1.9540e-14	-2.3349e+01	3.4694e-18	3.3336e+01	1.3323e-15	-3.0701e+03
	47	1.9540e-14	2.3349e+01	-3.4694e-18	-3.3336e+01	8.8818e-16	-4.0279e+03
2472	35	2.1316e-14	1.4603e+01	-6.9389e-18	-4.8145e+01	-2.2204e-16	3.4364e+03
	34	-2.1316e-14	-1.4603e+01	6.9389e-18	4.8145e+01	-6.6613e-16	2.9305e+03

2473	36	4.2633e-14	-1.9485e+01	-1.3878e-17	4.5971e+01	-8.8818e-16	-2.4620e+03
	35	-4.2633e-14	1.9485e+01	1.3878e-17	-4.5971e+01	-1.3323e-15	-3.4613e+03
2474	33	6.1131e+02	1.2841e+01	2.5549e+00	-4.5250e-01	-9.4952e+02	2.9187e+03
	66	-6.1131e+02	-1.2841e+01	-2.5549e+00	4.5250e-01	-1.3119e+02	2.5132e+03
2475	22	3.3201e+01	6.4125e-01	2.0471e+00	-4.5250e-01	-7.3517e+02	1.8261e+02
	56	-3.3201e+01	-6.4125e-01	-2.0471e+00	4.5250e-01	-1.3076e+02	8.8643e+01
2476	21	3.9802e+01	1.5089e+00	2.3744e-01	-4.5250e-01	-2.4592e+01	2.7130e+02
	55	-3.9802e+01	-1.5089e+00	-2.3744e-01	4.5250e-01	-7.5844e+01	3.6696e+02
2477	32	9.3928e+02	1.5956e+01	-5.3479e-01	-4.5250e-01	1.4254e+02	3.6690e+03
	65	-9.3928e+02	-1.5956e+01	5.3479e-01	4.5250e-01	8.3675e+01	3.0802e+03
2478	20	4.3207e+01	2.0163e+00	-1.9104e-01	-4.5250e-01	7.3160e+01	3.8123e+02
	54	-4.3207e+01	-2.0163e+00	1.9104e-01	4.5250e-01	7.6514e+00	4.7165e+02
2479	19	4.4056e+01	2.0014e+00	9.4699e-02	-4.5250e-01	-6.1315e+01	3.8020e+02
	53	-4.4056e+01	-2.0014e+00	-9.4699e-02	4.5250e-01	2.1257e+01	4.6640e+02
2480	8	1.0041e+03	-1.9159e+01	1.3545e+00	-4.5250e-01	-4.8079e+02	-4.7747e+03
	43	-1.0041e+03	1.9159e+01	-1.3545e+00	4.5250e-01	-9.2175e+01	-3.3294e+03
2481	9	9.8480e+02	-1.8801e+01	-2.0662e+00	-4.5250e-01	6.3457e+02	-4.6821e+03
	44	-9.8480e+02	1.8801e+01	2.0662e+00	4.5250e-01	2.3944e+02	-3.2708e+03
2482	10	1.0049e+03	-1.6865e+01	1.6871e-01	-4.5250e-01	-1.9264e+01	-4.1902e+03
	45	-1.0049e+03	1.6865e+01	-1.6871e-01	4.5250e-01	-5.2099e+01	-2.9439e+03
2483	11	7.2715e+02	-1.7073e+01	4.4464e+00	-4.5250e-01	-1.5273e+03	-4.3002e+03
	46	-7.2715e+02	1.7073e+01	-4.4464e+00	4.5250e-01	-3.5355e+02	-2.9218e+03
2484	31	8.9389e+02	1.8523e+01	-1.8000e+00	-4.5250e-01	5.6292e+02	4.3142e+03
	64	-8.9389e+02	-1.8523e+01	1.8000e+00	4.5250e-01	1.9849e+02	3.5211e+03
2485	30	8.9573e+02	1.8765e+01	1.3425e+00	-4.5250e-01	-4.6285e+02	4.3742e+03
	63	-8.9573e+02	-1.8765e+01	-1.3425e+00	4.5250e-01	-1.0501e+02	3.5635e+03
2486	18	4.3511e+01	1.8515e+00	-7.8024e-02	-4.5250e-01	4.3581e+01	3.4749e+02
	52	-4.3511e+01	-1.8515e+00	7.8024e-02	4.5250e-01	-1.0577e+01	4.3568e+02
2487	6	9.9898e+02	-1.9343e+01	-5.3598e-02	-4.5250e-01	1.3089e+01	-4.8467e+03
	41	-9.9898e+02	1.9343e+01	5.3598e-02	4.5250e-01	9.5829e+00	-3.3352e+03
2488	29	9.8344e+02	1.8114e+01	-3.7687e-01	-4.5250e-01	1.6724e+02	4.1836e+03
	62	-9.8344e+02	-1.8114e+01	3.7687e-01	4.5250e-01	-7.8237e+00	3.4787e+03
2489	17	4.1498e+01	1.5050e+00	-4.4410e-02	-4.5250e-01	1.0938e+01	3.1180e+02
	51	-4.1498e+01	-1.5050e+00	4.4410e-02	4.5250e-01	7.8470e+00	3.2481e+02
2490	7	1.0721e+03	-1.8965e+01	-9.1064e-01	-4.5250e-01	3.0987e+02	-4.7229e+03
	42	-1.0721e+03	1.8965e+01	9.1064e-01	4.5250e-01	7.5329e+01	-3.2991e+03
2491	5	1.0754e+03	-1.9009e+01	8.4629e-01	-4.5250e-01	-2.9383e+02	-4.7338e+03
	40	-1.0754e+03	1.9009e+01	-8.4629e-01	4.5250e-01	-6.4146e+01	-3.3069e+03
2492	28	8.7529e+02	1.6127e+01	-5.1806e-02	-4.5250e-01	1.3119e+01	3.6245e+03
	61	-8.7529e+02	-1.6127e+01	5.1806e-02	4.5250e-01	8.7954e+00	3.1971e+03
2493	16	4.3531e+01	1.8250e+00	-4.8673e-03	-4.5250e-01	-2.2557e+01	3.4226e+02
	50	-4.3531e+01	-1.8250e+00	4.8673e-03	4.5250e-01	2.4616e+01	4.2970e+02
2494	27	9.8371e+02	1.8104e+01	2.8136e-01	-4.5250e-01	-1.4242e+02	4.1810e+03
	60	-9.8371e+02	-1.8104e+01	-2.8136e-01	4.5250e-01	2.3403e+01	3.4770e+03
2495	4	9.9954e+02	-1.9189e+01	-1.4769e+00	-4.5250e-01	5.1013e+02	-4.7832e+03
	39	-9.9954e+02	1.9189e+01	1.4769e+00	4.5250e-01	1.1462e+02	-3.3337e+03
2496	15	4.4060e+01	1.9625e+00	-1.8528e-01	-4.5250e-01	8.3564e+01	3.7157e+02
	49	-4.4060e+01	-1.9625e+00	1.8528e-01	4.5250e-01	-5.1902e+00	4.5858e+02
2497	26	8.9542e+02	1.8730e+01	-1.4458e+00	-4.5250e-01	4.8908e+02	4.3660e+03
	59	-8.9542e+02	-1.8730e+01	1.4458e+00	4.5250e-01	1.2252e+02	3.5568e+03
2498	3	9.9339e+02	-1.8905e+01	1.9747e+00	-4.5250e-01	-6.1308e+02	-4.7072e+03
	38	-9.9339e+02	1.8905e+01	-1.9747e+00	4.5250e-01	-2.2223e+02	-3.2896e+03
2499	14	4.3238e+01	1.9394e+00	1.0153e-01	-4.5250e-01	-5.1029e+01	3.6575e+02
	48	-4.3238e+01	-1.9394e+00	-1.0153e-01	4.5250e-01	8.0813e+00	4.5461e+02
2500	25	8.9451e+02	1.8481e+01	1.7057e+00	-4.5250e-01	-5.3879e+02	4.3037e+03

	58	-8.9451e+02	-1.8481e+01	-1.7057e+00	4.5250e-01	-1.8273e+02	3.5138e+03
2501	2	9.9871e+02	-1.6875e+01	-2.2560e-01	-4.5250e-01	3.3565e+01	-4.1931e+03
	37	-9.9871e+02	1.6875e+01	2.2560e-01	4.5250e-01	6.1864e+01	-2.9452e+03
2502	13	3.9662e+01	1.4242e+00	-3.1865e-01	-4.5250e-01	4.5419e+01	2.5263e+02
	47	-3.9662e+01	-1.4242e+00	3.1865e-01	4.5250e-01	8.9370e+01	3.4979e+02
2503	24	9.3675e+02	1.5848e+01	4.5593e-01	-4.5250e-01	-1.2116e+02	3.6440e+03
	57	-9.3675e+02	-1.5848e+01	-4.5593e-01	4.5250e-01	-7.1705e+01	3.0595e+03
2504	1	7.2960e+02	-1.7173e+01	-4.5704e+00	-4.5250e-01	1.5604e+03	-4.3244e+03
	34	-7.2960e+02	1.7173e+01	4.5704e+00	4.5250e-01	3.7283e+02	-2.9399e+03
2505	12	3.3078e+01	4.8496e-01	-2.1095e+00	-4.5250e-01	7.5306e+02	1.4880e+02
	35	-3.3078e+01	-4.8496e-01	2.1095e+00	4.5250e-01	1.3926e+02	5.6341e+01
2506	23	6.0842e+02	1.2708e+01	-2.5991e+00	-4.5250e-01	9.6424e+02	2.8878e+03
	36	-6.0842e+02	-1.2708e+01	2.5991e+00	4.5250e-01	1.3517e+02	2.4876e+03
654	1906	0.0000e+00	-8.0098e+01	0.0000e+00	1.4745e+03	0.0000e+00	-5.3021e+03
	1905	0.0000e+00	-6.6937e+01	0.0000e+00	-2.9844e+03	0.0000e+00	-2.8164e+01
655	1907	0.0000e+00	-5.4435e+01	0.0000e+00	3.9218e+02	0.0000e+00	-2.8809e+03
	1906	0.0000e+00	-7.0618e+01	0.0000e+00	-1.4745e+03	0.0000e+00	5.3021e+03
656	1908	0.0000e+00	-4.6184e+01	0.0000e+00	-1.8593e+02	0.0000e+00	-3.0150e+03
	1907	0.0000e+00	-4.5617e+01	0.0000e+00	-3.9218e+02	0.0000e+00	2.8809e+03
657	1909	0.0000e+00	-5.3997e+01	0.0000e+00	-1.1963e+03	0.0000e+00	-3.0584e+03
	1908	0.0000e+00	-5.3097e+01	0.0000e+00	1.8593e+02	0.0000e+00	3.0150e+03
658	1910	0.0000e+00	-8.1484e+01	0.0000e+00	-2.3355e+03	0.0000e+00	-5.6303e+03
	1909	0.0000e+00	-5.6114e+01	0.0000e+00	1.1963e+03	0.0000e+00	3.0584e+03
659	1911	0.0000e+00	-5.6033e+01	0.0000e+00	1.2027e+03	0.0000e+00	-3.0501e+03
	1910	0.0000e+00	-8.1478e+01	0.0000e+00	-2.3412e+03	0.0000e+00	5.6304e+03
660	1912	0.0000e+00	-5.3191e+01	0.0000e+00	1.9587e+02	0.0000e+00	-3.0289e+03
	1911	0.0000e+00	-5.3921e+01	0.0000e+00	-1.2027e+03	0.0000e+00	3.0501e+03
661	1913	0.0000e+00	-4.5411e+01	0.0000e+00	-3.7800e+02	0.0000e+00	-2.8566e+03
	1912	0.0000e+00	-4.6309e+01	0.0000e+00	-1.9587e+02	0.0000e+00	3.0289e+03
662	1914	0.0000e+00	-7.1364e+01	0.0000e+00	-1.4485e+03	0.0000e+00	-5.3677e+03
	1913	0.0000e+00	-5.4340e+01	0.0000e+00	3.7800e+02	0.0000e+00	2.8566e+03
663	1915	0.0000e+00	-6.8389e+01	0.0000e+00	-2.9382e+03	0.0000e+00	1.7075e+01
	1914	0.0000e+00	-8.1243e+01	0.0000e+00	1.4485e+03	0.0000e+00	5.3677e+03
664	1895	0.0000e+00	-1.2515e+02	0.0000e+00	-1.4783e+04	0.0000e+00	-1.3604e+04
	1894	0.0000e+00	6.3068e+01	0.0000e+00	1.9502e+04	0.0000e+00	-7.9374e+02
665	1896	0.0000e+00	-8.7986e+01	0.0000e+00	1.4745e+03	0.0000e+00	-4.0248e+03
	1895	0.0000e+00	-1.6189e+02	0.0000e+00	6.3006e+01	0.0000e+00	1.3489e+04
666	1897	0.0000e+00	-6.3296e+01	0.0000e+00	1.9861e+03	0.0000e+00	-3.7692e+03
	1896	0.0000e+00	-6.8355e+01	0.0000e+00	-7.3222e+02	0.0000e+00	4.0937e+03
667	1898	0.0000e+00	-9.1824e+01	0.0000e+00	4.1823e+02	0.0000e+00	-6.5786e+03
	1897	0.0000e+00	-7.2287e+01	0.0000e+00	1.5776e+03	0.0000e+00	3.6555e+03
668	1899	0.0000e+00	-5.3126e+01	0.0000e+00	3.5541e+03	0.0000e+00	-1.8831e+03
	1898	0.0000e+00	-8.9389e+01	0.0000e+00	-1.6458e+03	0.0000e+00	6.6330e+03
669	1900	0.0000e+00	-8.7342e+01	0.0000e+00	-1.3801e+03	0.0000e+00	-6.4128e+03
	1899	0.0000e+00	-5.3099e+01	0.0000e+00	3.3272e+03	0.0000e+00	1.9004e+03
670	1901	0.0000e+00	-7.4474e+01	0.0000e+00	1.3991e+03	0.0000e+00	-3.9851e+03
	1900	0.0000e+00	-9.0054e+01	0.0000e+00	6.4397e+02	0.0000e+00	6.3875e+03
671	1902	0.0000e+00	-6.3115e+01	0.0000e+00	-1.4280e+02	0.0000e+00	-3.5446e+03
	1901	0.0000e+00	-6.6155e+01	0.0000e+00	1.4532e+03	0.0000e+00	4.1323e+03
672	1903	0.0000e+00	-1.6502e+02	0.0000e+00	-6.4267e+02	0.0000e+00	-1.3860e+04
	1902	0.0000e+00	-8.3491e+01	0.0000e+00	2.1846e+03	0.0000e+00	3.5024e+03
673	1904	0.0000e+00	6.3735e+01	0.0000e+00	1.9601e+04	0.0000e+00	8.9255e+02
	1903	0.0000e+00	-1.2876e+02	0.0000e+00	-1.5002e+04	0.0000e+00	1.3992e+04

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-6.6436e-01	-3.4966e-20	3.2667e-20	6.2277e-04	0.0000e+00	0.0000e+00
	1923	6.6436e-01	3.4966e-20	-3.2667e-20	-6.2277e-04	0.0000e+00	0.0000e+00
2	1916	-5.6137e-01	0.0000e+00	0.0000e+00	6.5847e-04	0.0000e+00	0.0000e+00
	1921	5.6137e-01	0.0000e+00	0.0000e+00	-6.5847e-04	0.0000e+00	0.0000e+00
3	2085	2.5847e-01	9.3299e-21	-2.3540e-21	3.3637e-04	0.0000e+00	0.0000e+00
	1918	-2.5847e-01	-9.3299e-21	2.3540e-21	-3.3637e-04	0.0000e+00	0.0000e+00
4	2008	1.4905e+00	4.9713e-20	1.2789e-21	1.3768e-03	0.0000e+00	0.0000e+00
	2079	-1.4905e+00	-4.9713e-20	-1.2789e-21	-1.3768e-03	0.0000e+00	0.0000e+00
5	1919	2.1033e+00	3.0937e-20	6.3525e-21	6.9208e-04	0.0000e+00	0.0000e+00
	2056	-2.1033e+00	-3.0937e-20	-6.3525e-21	-6.9208e-04	0.0000e+00	0.0000e+00
6	2098	1.8323e+00	4.3442e-20	1.3038e-20	-1.4041e-03	0.0000e+00	0.0000e+00
	1937	-1.8323e+00	-4.3442e-20	-1.3038e-20	1.4041e-03	0.0000e+00	0.0000e+00
7	2042	4.8287e-01	-8.2270e-21	1.7597e-21	8.6827e-04	0.0000e+00	0.0000e+00
	2107	-4.8287e-01	8.2270e-21	-1.7597e-21	-8.6827e-04	0.0000e+00	0.0000e+00
8	1925	8.2032e-01	6.9377e-22	-2.6946e-22	8.5378e-04	0.0000e+00	0.0000e+00
	2008	-8.2032e-01	-6.9377e-22	2.6946e-22	-8.5378e-04	0.0000e+00	0.0000e+00
9	2109	-2.3874e-02	5.2158e-20	-7.4834e-22	1.2234e-03	0.0000e+00	0.0000e+00
	2123	2.3874e-02	-5.2158e-20	7.4834e-22	-1.2234e-03	0.0000e+00	0.0000e+00
10	2084	-1.1504e-01	2.5976e-21	-1.9970e-22	9.6666e-04	0.0000e+00	0.0000e+00
	2106	1.1504e-01	-2.5976e-21	1.9970e-22	-9.6666e-04	0.0000e+00	0.0000e+00
11	2083	-5.3114e-02	-2.0923e-20	1.0992e-21	1.0457e-03	0.0000e+00	0.0000e+00
	2078	5.3114e-02	2.0923e-20	-1.0992e-21	-1.0457e-03	0.0000e+00	0.0000e+00
12	2058	2.9068e-02	-1.2528e-20	9.7952e-22	1.1483e-03	0.0000e+00	0.0000e+00
	2077	-2.9068e-02	1.2528e-20	-9.7952e-22	-1.1483e-03	0.0000e+00	0.0000e+00
13	2041	1.2214e-01	2.1173e-21	-2.3495e-22	9.9885e-04	0.0000e+00	0.0000e+00
	2055	-1.2214e-01	-2.1173e-21	2.3495e-22	-9.9885e-04	0.0000e+00	0.0000e+00
14	2024	1.5159e-03	5.4773e-20	-1.9229e-21	1.2219e-03	0.0000e+00	0.0000e+00
	2038	-1.5159e-03	-5.4773e-20	1.9229e-21	-1.2219e-03	0.0000e+00	0.0000e+00
15	2007	-7.2454e-01	1.8143e-21	-2.6217e-22	6.7261e-04	0.0000e+00	0.0000e+00
	2021	7.2454e-01	-1.8143e-21	2.6217e-22	-6.7261e-04	0.0000e+00	0.0000e+00
16	1982	6.6199e-01	-4.4668e-20	2.2452e-20	-2.0468e-04	0.0000e+00	0.0000e+00
	2012	-6.6199e-01	4.4668e-20	-2.2452e-20	2.0468e-04	0.0000e+00	0.0000e+00
17	1985	5.6573e-01	0.0000e+00	0.0000e+00	-1.4430e-04	0.0000e+00	0.0000e+00
	2010	-5.6573e-01	0.0000e+00	0.0000e+00	1.4430e-04	0.0000e+00	0.0000e+00
18	1998	-2.6770e-01	-1.3028e-20	3.2134e-21	7.1871e-04	0.0000e+00	0.0000e+00
	2007	2.6770e-01	1.3028e-20	-3.2134e-21	-7.1871e-04	0.0000e+00	0.0000e+00
19	1995	-5.4432e-01	1.0450e-20	-1.4975e-21	8.9864e-04	0.0000e+00	0.0000e+00
	2004	5.4432e-01	-1.0450e-20	1.4975e-21	-8.9864e-04	0.0000e+00	0.0000e+00
20	1992	-1.4809e+00	1.5536e-21	-2.0965e-21	9.9434e-04	0.0000e+00	0.0000e+00
	2001	1.4809e+00	-1.5536e-21	2.0965e-21	-9.9434e-04	0.0000e+00	0.0000e+00
21	1989	-2.1213e+00	1.1348e-20	9.4058e-21	1.9714e-03	0.0000e+00	0.0000e+00
	2000	2.1213e+00	-1.1348e-20	-9.4058e-21	-1.9714e-03	0.0000e+00	0.0000e+00
22	1988	-1.8249e+00	2.8623e-20	2.3654e-20	1.9247e-03	0.0000e+00	0.0000e+00
	1928	1.8249e+00	-2.8623e-20	-2.3654e-20	-1.9247e-03	0.0000e+00	0.0000e+00
643	1905	3.0169e-01	1.0087e-15	1.0081e-17	4.9577e-01	0.0000e+00	0.0000e+00
	1960	-3.0169e-01	-1.0087e-15	-1.0081e-17	-4.9577e-01	0.0000e+00	0.0000e+00
644	1906	1.6227e+00	1.1894e-15	8.7486e-18	1.6064e-01	0.0000e+00	0.0000e+00
	1961	-1.6227e+00	-1.1894e-15	-8.7486e-18	-1.6064e-01	0.0000e+00	0.0000e+00
645	1907	1.2461e+00	1.2597e-15	5.9954e-18	1.0983e-01	0.0000e+00	0.0000e+00
	1962	-1.2461e+00	-1.2597e-15	-5.9954e-18	-1.0983e-01	0.0000e+00	0.0000e+00
646	1908	1.2291e+00	1.2659e-15	4.1401e-18	7.6310e-02	0.0000e+00	0.0000e+00
	1963	-1.2291e+00	-1.2659e-15	-4.1401e-18	-7.6310e-02	0.0000e+00	0.0000e+00
647	1909	1.2057e+00	1.2599e-15	1.1205e-18	2.2413e-02	0.0000e+00	0.0000e+00
	1964	-1.2057e+00	-1.2599e-15	-1.1205e-18	-2.2413e-02	0.0000e+00	0.0000e+00
648	1910	1.1065e+00	1.2300e-15	-1.2943e-18	-2.3046e-02	0.0000e+00	0.0000e+00

	1965	-1.1065e+00	-1.2300e-15	1.2943e-18	2.3046e-02	0.0000e+00	0.0000e+00
649	1911	1.2050e+00	1.2607e-15	-3.6631e-18	-7.3282e-02	0.0000e+00	0.0000e+00
	1966	-1.2050e+00	-1.2607e-15	3.6631e-18	7.3282e-02	0.0000e+00	0.0000e+00
650	1912	1.2295e+00	1.2654e-15	-6.5003e-18	-1.4616e-01	0.0000e+00	0.0000e+00
	1967	-1.2295e+00	-1.2654e-15	6.5003e-18	1.4616e-01	0.0000e+00	0.0000e+00
651	1913	1.2452e+00	1.2613e-15	-8.1379e-18	-2.0261e-01	0.0000e+00	0.0000e+00
	1968	-1.2452e+00	-1.2613e-15	8.1379e-18	2.0261e-01	0.0000e+00	0.0000e+00
652	1914	1.6438e+00	1.1839e-15	-1.0348e-17	-3.0808e-01	0.0000e+00	0.0000e+00
	1969	-1.6438e+00	-1.1839e-15	1.0348e-17	3.0808e-01	0.0000e+00	0.0000e+00
653	1915	3.1753e-01	1.0084e-15	-1.1338e-17	-3.9049e-02	0.0000e+00	0.0000e+00
	1970	-3.1753e-01	-1.0084e-15	1.1338e-17	3.9049e-02	0.0000e+00	0.0000e+00
237	2116	-1.4891e+00	4.5527e-01	-2.3284e-02	-2.1202e-01	1.5984e+00	-6.2540e+01
	2079	1.4891e+00	-4.5527e-01	2.3284e-02	2.1202e-01	7.3203e-01	1.0811e+02
238	1959	-1.4590e+00	5.4423e-01	6.5457e-02	-1.1525e-01	7.2701e-01	-5.5121e+01
	2116	1.4590e+00	-5.4423e-01	-6.5457e-02	1.1525e-01	-1.6082e+00	6.2448e+01
239	2110	4.3297e-01	-8.8066e-01	5.0269e-02	3.8318e-02	-2.1040e+00	-2.9846e+02
	1919	-4.3297e-01	8.8066e-01	-5.0269e-02	-3.8318e-02	-2.9273e+00	2.1032e+02
240	1958	3.7908e-01	-9.0516e-01	-2.4608e-02	-8.8619e-02	-1.7712e+00	-3.1070e+02
	2110	-3.7908e-01	9.0516e-01	2.4608e-02	8.8619e-02	2.1025e+00	2.9851e+02
241	2121	-8.8500e-02	-2.6690e-01	3.1002e-02	1.6852e-02	-1.3390e+00	-2.2950e+02
	2120	8.8500e-02	2.6690e-01	-3.1002e-02	-1.6852e-02	-1.7639e+00	2.0279e+02
242	1957	-1.0443e-01	-2.6108e-01	-1.3506e-02	-6.3918e-02	-1.1557e+00	-2.3306e+02
	2121	1.0443e-01	2.6108e-01	1.3506e-02	6.3918e-02	1.3376e+00	2.2954e+02
243	2104	-8.4598e-02	-2.5514e-01	2.2228e-02	9.8468e-03	-9.9285e-01	-2.2647e+02
	2103	8.4598e-02	2.5514e-01	-2.2228e-02	-9.8468e-03	-1.2319e+00	2.0094e+02
244	1956	-9.9828e-02	-2.4957e-01	-1.1039e-02	-5.0039e-02	-8.4301e-01	-2.2983e+02
	2104	9.9828e-02	2.4957e-01	1.1039e-02	5.0039e-02	9.9163e-01	2.2647e+02
245	2074	-8.1595e-02	-2.4608e-01	1.2034e-02	8.8588e-03	-5.9492e-01	-2.2208e+02
	2072	8.1595e-02	2.4608e-01	-1.2034e-02	-8.8588e-03	-6.0956e-01	1.9745e+02
246	1955	-9.6284e-02	-2.4071e-01	-8.5929e-03	-2.7030e-02	-4.7869e-01	-2.2534e+02
	2074	9.6284e-02	2.4071e-01	8.5929e-03	2.7030e-02	5.9437e-01	2.2210e+02
247	2073	-7.1077e-02	-2.1436e-01	5.7939e-03	1.3399e-02	-3.6084e-01	-2.0444e+02
	2071	7.1077e-02	2.1436e-01	-5.7939e-03	-1.3399e-02	-2.1904e-01	1.8298e+02
248	1954	-8.3873e-02	-2.0968e-01	-8.2250e-03	-8.3837e-03	-2.5026e-01	-2.0720e+02
	2073	8.3873e-02	2.0968e-01	8.2250e-03	8.3837e-03	3.6100e-01	2.0438e+02
249	2053	-8.1438e-02	-2.4561e-01	9.3956e-04	2.2033e-02	-1.9198e-01	-2.2196e+02
	2052	8.1438e-02	2.4561e-01	-9.3956e-04	-2.2033e-02	9.7942e-02	1.9738e+02
250	1953	-9.6100e-02	-2.4025e-01	-9.2989e-03	1.0417e-02	-6.7767e-02	-2.2522e+02
	2053	9.6100e-02	2.4025e-01	9.2989e-03	-1.0417e-02	1.9296e-01	2.2198e+02
251	2036	-8.4767e-02	-2.5565e-01	-3.6011e-03	3.7756e-02	-5.7330e-02	-2.2653e+02
	2035	8.4767e-02	2.5565e-01	3.6011e-03	-3.7756e-02	4.1775e-01	2.0095e+02
252	1952	-1.0003e-01	-2.5007e-01	-1.2637e-02	3.4230e-02	1.1063e-01	-2.2990e+02
	2036	1.0003e-01	2.5007e-01	1.2637e-02	-3.4230e-02	5.9502e-02	2.2654e+02
253	2019	-8.7928e-02	-2.6518e-01	-5.7127e-03	5.0899e-02	-2.9935e-02	-2.2935e+02
	2018	8.7928e-02	2.6518e-01	5.7127e-03	-5.0899e-02	6.0170e-01	2.0281e+02
254	1951	-1.0376e-01	-2.5940e-01	-1.7161e-02	4.9002e-02	1.9809e-01	-2.3288e+02
	2019	1.0376e-01	2.5940e-01	1.7161e-02	-4.9002e-02	3.2950e-02	2.2939e+02
255	2002	1.3699e+00	-8.2965e-01	-1.0229e-02	7.7532e-02	-4.7953e-02	-2.9624e+02
	2001	-1.3699e+00	8.2965e-01	1.0229e-02	-7.7532e-02	1.0717e+00	2.1320e+02
256	1950	1.3174e+00	-9.1075e-01	-2.3399e-02	7.4499e-02	2.6247e-01	-3.0855e+02
	2002	-1.3174e+00	9.1075e-01	2.3399e-02	-7.4499e-02	5.2541e-02	2.9629e+02
257	1990	-5.5261e-01	5.1106e-01	-9.3932e-02	-1.7160e-01	3.8963e+00	-5.9525e+01
	1989	5.5261e-01	-5.1106e-01	9.3932e-02	1.7160e-01	5.5050e+00	1.1067e+02
258	1939	-5.2079e-01	5.4345e-01	4.8520e-02	6.3663e-02	3.2464e+00	-5.2117e+01
	1990	5.2079e-01	-5.4345e-01	-4.8520e-02	-6.3663e-02	-3.8996e+00	5.9434e+01

259	36	4.3831e-01	6.9492e-16	-9.1477e-03	8.9838e-05	9.1477e-02	0.0000e+00
	1939	-4.3831e-01	-6.9492e-16	9.1477e-03	-8.9838e-05	0.0000e+00	0.0000e+00
260	2110	-8.8741e-02	-1.6769e-17	-1.6103e-20	-9.2379e-02	0.0000e+00	0.0000e+00
	2116	8.8741e-02	1.6769e-17	1.6103e-20	9.2379e-02	0.0000e+00	0.0000e+00
261	2121	-1.3863e-02	-1.8900e-19	2.0138e-18	-4.1131e-02	0.0000e+00	0.0000e+00
	2110	1.3863e-02	1.8900e-19	-2.0138e-18	4.1131e-02	0.0000e+00	0.0000e+00
262	2104	3.0646e-02	0.0000e+00	0.0000e+00	1.1455e-03	0.0000e+00	0.0000e+00
	2121	-3.0646e-02	0.0000e+00	0.0000e+00	-1.1455e-03	0.0000e+00	0.0000e+00
263	2074	6.3914e-02	8.8179e-20	3.0306e-21	4.8739e-03	0.0000e+00	0.0000e+00
	2104	-6.3914e-02	-8.8179e-20	-3.0306e-21	-4.8739e-03	0.0000e+00	0.0000e+00
264	2073	8.4541e-02	-3.9937e-19	1.6067e-19	3.0623e-02	0.0000e+00	0.0000e+00
	2074	-8.4541e-02	3.9937e-19	-1.6067e-19	-3.0623e-02	0.0000e+00	0.0000e+00
265	2053	9.8560e-02	7.9930e-19	-1.3220e-19	-3.0754e-02	0.0000e+00	0.0000e+00
	2073	-9.8560e-02	-7.9930e-19	1.3220e-19	3.0754e-02	0.0000e+00	0.0000e+00
266	2036	1.0880e-01	-1.4956e-19	-9.8338e-21	-4.7141e-03	0.0000e+00	0.0000e+00
	2053	-1.0880e-01	1.4956e-19	9.8338e-21	4.7141e-03	0.0000e+00	0.0000e+00
267	2019	1.1783e-01	-1.0430e-19	-4.6719e-19	-1.4622e-03	0.0000e+00	0.0000e+00
	2036	-1.1783e-01	1.0430e-19	4.6719e-19	1.4622e-03	0.0000e+00	0.0000e+00
268	2002	1.2928e-01	-3.7476e-19	0.0000e+00	4.1789e-02	0.0000e+00	0.0000e+00
	2019	-1.2928e-01	3.7476e-19	0.0000e+00	-4.1789e-02	0.0000e+00	0.0000e+00
269	1990	1.4245e-01	-3.3528e-18	1.8704e-19	9.1597e-02	0.0000e+00	0.0000e+00
	2002	-1.4245e-01	3.3528e-18	-1.8704e-19	-9.1597e-02	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-7.9218e-01	0.0000e+00	-1.4871e+02	0.0000e+00	-4.4957e-01
	1894	0.0000e+00	7.9218e-01	0.0000e+00	1.4871e+02	0.0000e+00	-2.7602e+02
271	11	0.0000e+00	-6.4307e+00	0.0000e+00	-1.4194e+02	0.0000e+00	-3.4110e+02
	77	0.0000e+00	6.4307e+00	0.0000e+00	1.4194e+02	0.0000e+00	5.1715e+01
272	67	0.0000e+00	-7.9349e-01	0.0000e+00	1.4856e+02	0.0000e+00	-7.6081e-01
	1904	0.0000e+00	7.9349e-01	0.0000e+00	-1.4856e+02	0.0000e+00	-2.7617e+02
273	1	0.0000e+00	-6.4311e+00	0.0000e+00	1.4193e+02	0.0000e+00	-3.4119e+02
	67	0.0000e+00	6.4311e+00	0.0000e+00	-1.4193e+02	0.0000e+00	5.1792e+01
274	72	0.0000e+00	-4.4119e-01	0.0000e+00	-6.5559e-03	0.0000e+00	2.2793e+02
	1899	0.0000e+00	4.4119e-01	0.0000e+00	6.5559e-03	0.0000e+00	-3.8191e+02
275	6	0.0000e+00	-4.7478e+00	0.0000e+00	2.1629e-03	0.0000e+00	-2.0157e+02
	72	0.0000e+00	4.7478e+00	0.0000e+00	-2.1629e-03	0.0000e+00	-1.2084e+01
276	76	0.0000e+00	-9.1522e-01	0.0000e+00	1.7161e+00	0.0000e+00	1.3161e+02
	1895	0.0000e+00	9.1522e-01	0.0000e+00	-1.7161e+00	0.0000e+00	-4.5103e+02
277	10	0.0000e+00	-4.3478e+00	0.0000e+00	-3.0545e+01	0.0000e+00	-2.0476e+02
	76	0.0000e+00	4.3478e+00	0.0000e+00	3.0545e+01	0.0000e+00	9.1054e+00
278	75	0.0000e+00	-5.3137e-01	0.0000e+00	2.4718e+00	0.0000e+00	2.0834e+02
	1896	0.0000e+00	5.3137e-01	0.0000e+00	-2.4718e+00	0.0000e+00	-3.9379e+02
279	9	0.0000e+00	-4.7186e+00	0.0000e+00	3.8647e+00	0.0000e+00	-2.0282e+02
	75	0.0000e+00	4.7186e+00	0.0000e+00	-3.8647e+00	0.0000e+00	-9.5149e+00
280	74	0.0000e+00	-4.4952e-01	0.0000e+00	2.3864e+00	0.0000e+00	2.2526e+02
	1897	0.0000e+00	4.4952e-01	0.0000e+00	-2.3864e+00	0.0000e+00	-3.8215e+02
281	8	0.0000e+00	-4.7832e+00	0.0000e+00	-9.7835e+00	0.0000e+00	-2.0147e+02
	74	0.0000e+00	4.7832e+00	0.0000e+00	9.7835e+00	0.0000e+00	-1.3774e+01
282	73	0.0000e+00	-4.0300e-01	0.0000e+00	-1.3539e+00	0.0000e+00	2.3673e+02
	1898	0.0000e+00	4.0300e-01	0.0000e+00	1.3539e+00	0.0000e+00	-3.7738e+02
283	7	0.0000e+00	-4.7875e+00	0.0000e+00	4.0970e+00	0.0000e+00	-2.0153e+02
	73	0.0000e+00	4.7875e+00	0.0000e+00	-4.0970e+00	0.0000e+00	-1.3909e+01
284	71	0.0000e+00	-4.0258e-01	0.0000e+00	1.3568e+00	0.0000e+00	2.3675e+02
	1900	0.0000e+00	4.0258e-01	0.0000e+00	-1.3568e+00	0.0000e+00	-3.7725e+02
285	5	0.0000e+00	-4.7877e+00	0.0000e+00	-4.0964e+00	0.0000e+00	-2.0153e+02
	71	0.0000e+00	4.7877e+00	0.0000e+00	4.0964e+00	0.0000e+00	-1.3914e+01
286	70	0.0000e+00	-4.4922e-01	0.0000e+00	-2.4151e+00	0.0000e+00	2.2528e+02

	1901	0.0000e+00	4.4922e-01	0.0000e+00	2.4151e+00	0.0000e+00	-3.8206e+02
287	4	0.0000e+00	-4.7831e+00	0.0000e+00	9.7879e+00	0.0000e+00	-2.0146e+02
	70	0.0000e+00	4.7831e+00	0.0000e+00	-9.7879e+00	0.0000e+00	-1.3776e+01
288	69	0.0000e+00	-5.3083e-01	0.0000e+00	-2.4666e+00	0.0000e+00	2.0832e+02
	1902	0.0000e+00	5.3083e-01	0.0000e+00	2.4666e+00	0.0000e+00	-3.9358e+02
289	3	0.0000e+00	-4.7191e+00	0.0000e+00	-3.8701e+00	0.0000e+00	-2.0285e+02
	69	0.0000e+00	4.7191e+00	0.0000e+00	3.8701e+00	0.0000e+00	-9.5145e+00
290	68	0.0000e+00	-9.1587e-01	0.0000e+00	-1.7172e+00	0.0000e+00	1.3165e+02
	1903	0.0000e+00	9.1587e-01	0.0000e+00	1.7172e+00	0.0000e+00	-4.5129e+02
291	2	0.0000e+00	-4.3472e+00	0.0000e+00	3.0545e+01	0.0000e+00	-2.0473e+02
	68	0.0000e+00	4.3472e+00	0.0000e+00	-3.0545e+01	0.0000e+00	9.1012e+00
292	57	-2.7986e+00	6.9105e-16	2.6358e-03	-1.3779e-04	-2.6358e-02	0.0000e+00
	1950	2.7986e+00	-6.9105e-16	-2.6358e-03	1.3779e-04	0.0000e+00	0.0000e+00
293	34	2.2720e+00	-1.3043e-16	-1.0457e-02	-3.6997e-04	1.3595e-01	0.0000e+00
	1938	-2.2720e+00	1.3043e-16	1.0457e-02	3.6997e-04	0.0000e+00	0.0000e+00
294	37	-1.7817e+00	-1.4481e-16	-4.2203e-03	-4.0363e-04	5.4864e-02	0.0000e+00
	1940	1.7817e+00	1.4481e-16	4.2203e-03	4.0363e-04	0.0000e+00	0.0000e+00
295	38	-6.0748e-02	-1.4803e-16	-4.6733e-03	-2.4755e-04	6.0753e-02	0.0000e+00
	1941	6.0748e-02	1.4803e-16	4.6733e-03	2.4755e-04	0.0000e+00	0.0000e+00
296	39	1.4646e-01	-1.4886e-16	-3.1947e-03	-1.7113e-04	4.1531e-02	0.0000e+00
	1942	-1.4646e-01	1.4886e-16	3.1947e-03	1.7113e-04	0.0000e+00	0.0000e+00
297	40	2.0604e-01	-1.4924e-16	-1.5102e-03	-7.4986e-05	1.9632e-02	0.0000e+00
	1943	-2.0604e-01	1.4924e-16	1.5102e-03	7.4986e-05	0.0000e+00	0.0000e+00
298	41	1.6122e-01	-1.4994e-16	-1.8122e-04	-7.1651e-06	2.3558e-03	0.0000e+00
	1944	-1.6122e-01	1.4994e-16	1.8122e-04	7.1651e-06	0.0000e+00	0.0000e+00
299	42	1.9363e-01	-1.4915e-16	1.1519e-03	5.8886e-05	-1.4974e-02	0.0000e+00
	1945	-1.9363e-01	1.4915e-16	-1.1519e-03	-5.8886e-05	0.0000e+00	0.0000e+00
300	43	1.5957e-01	-1.4895e-16	2.8549e-03	1.4840e-04	-3.7114e-02	0.0000e+00
	1946	-1.5957e-01	1.4895e-16	-2.8549e-03	-1.4840e-04	0.0000e+00	0.0000e+00
301	44	-1.0386e-01	-1.4767e-16	4.3551e-03	2.1790e-04	-5.6616e-02	0.0000e+00
	1947	1.0386e-01	1.4767e-16	-4.3551e-03	-2.1790e-04	0.0000e+00	0.0000e+00
302	45	-1.7323e+00	-1.4502e-16	3.8866e-03	3.5600e-04	-5.0525e-02	0.0000e+00
	1948	1.7323e+00	1.4502e-16	-3.8866e-03	-3.5600e-04	0.0000e+00	0.0000e+00
303	46	2.2375e+00	-1.2997e-16	1.0791e-02	5.3358e-04	-1.4028e-01	0.0000e+00
	1949	-2.2375e+00	1.2997e-16	-1.0791e-02	-5.3358e-04	0.0000e+00	0.0000e+00
304	66	4.5898e-01	6.9406e-16	5.2411e-03	3.1785e-04	-5.2411e-02	0.0000e+00
	1959	-4.5898e-01	-6.9406e-16	-5.2411e-03	-3.1785e-04	0.0000e+00	0.0000e+00
305	65	-2.7689e+00	6.9433e-16	-2.6975e-03	9.1685e-05	2.6975e-02	0.0000e+00
	1958	2.7689e+00	-6.9433e-16	2.6975e-03	-9.1685e-05	0.0000e+00	0.0000e+00
306	64	-1.5273e+00	7.6027e-16	2.1731e-03	9.6820e-05	-2.1731e-02	0.0000e+00
	1957	1.5273e+00	-7.6027e-16	-2.1731e-03	-9.6820e-05	0.0000e+00	0.0000e+00
307	63	-1.4979e+00	7.6690e-16	1.7387e-03	8.5292e-05	-1.7387e-02	0.0000e+00
	1956	1.4979e+00	-7.6690e-16	-1.7387e-03	-8.5292e-05	0.0000e+00	0.0000e+00
308	62	-1.4649e+00	7.6640e-16	1.5239e-03	5.1607e-05	-1.5239e-02	0.0000e+00
	1955	1.4649e+00	-7.6640e-16	-1.5239e-03	-5.1607e-05	0.0000e+00	0.0000e+00
309	61	-1.3323e+00	7.6223e-16	1.0142e-03	1.8346e-05	-1.0142e-02	0.0000e+00
	1954	1.3323e+00	-7.6223e-16	-1.0142e-03	-1.8346e-05	0.0000e+00	0.0000e+00
310	60	-1.4638e+00	7.6705e-16	4.1352e-04	-1.8802e-05	-4.1352e-03	0.0000e+00
	1953	1.4638e+00	-7.6705e-16	-4.1352e-04	1.8802e-05	0.0000e+00	0.0000e+00
311	59	-1.4988e+00	7.6653e-16	-1.6953e-04	-6.8231e-05	1.6953e-03	0.0000e+00
	1952	1.4988e+00	-7.6653e-16	1.6953e-04	6.8231e-05	0.0000e+00	0.0000e+00
312	58	-1.5246e+00	7.6157e-16	-1.0614e-03	-9.9246e-05	1.0614e-02	0.0000e+00
	1951	1.5246e+00	-7.6157e-16	1.0614e-03	9.9246e-05	0.0000e+00	0.0000e+00
313	1936	-1.5785e+00	1.0376e-17	4.8593e-18	-3.3526e-01	0.0000e+00	0.0000e+00
	1937	1.5785e+00	-1.0376e-17	-4.8593e-18	3.3526e-01	0.0000e+00	0.0000e+00

314	1935	-1.5489e+00	1.2922e-19	1.6018e-18	2.4119e-02	0.0000e+00	0.0000e+00
	1936	1.5489e+00	-1.2922e-19	-1.6018e-18	-2.4119e-02	0.0000e+00	0.0000e+00
315	1934	-1.5295e+00	0.0000e+00	0.0000e+00	5.7881e-03	0.0000e+00	0.0000e+00
	1935	1.5295e+00	0.0000e+00	0.0000e+00	-5.7881e-03	0.0000e+00	0.0000e+00
316	1933	-1.5160e+00	-7.5579e-20	5.2142e-20	9.0093e-03	0.0000e+00	0.0000e+00
	1934	1.5160e+00	7.5579e-20	-5.2142e-20	-9.0093e-03	0.0000e+00	0.0000e+00
317	1932	-1.5111e+00	1.1012e-18	1.5392e-18	5.0922e-02	0.0000e+00	0.0000e+00
	1933	1.5111e+00	-1.1012e-18	-1.5392e-18	-5.0922e-02	0.0000e+00	0.0000e+00
318	1931	-1.5131e+00	-2.2024e-18	-1.0297e-18	-5.0911e-02	0.0000e+00	0.0000e+00
	1932	1.5131e+00	2.2024e-18	1.0297e-18	5.0911e-02	0.0000e+00	0.0000e+00
319	1930	-1.5224e+00	-4.6582e-19	8.8343e-20	-9.0229e-03	0.0000e+00	0.0000e+00
	1931	1.5224e+00	4.6582e-19	-8.8343e-20	9.0229e-03	0.0000e+00	0.0000e+00
320	1929	-1.5417e+00	2.3116e-20	-2.3527e-19	-5.7544e-03	0.0000e+00	0.0000e+00
	1930	1.5417e+00	-2.3116e-20	2.3527e-19	5.7544e-03	0.0000e+00	0.0000e+00
321	1928	-1.5686e+00	2.2317e-19	0.0000e+00	-2.1160e-02	0.0000e+00	0.0000e+00
	1929	1.5686e+00	-2.2317e-19	0.0000e+00	2.1160e-02	0.0000e+00	0.0000e+00
322	1927	2.1788e-02	2.0760e-18	-7.9396e-18	3.3541e-01	0.0000e+00	0.0000e+00
	1928	-2.1788e-02	-2.0760e-18	7.9396e-18	-3.3541e-01	0.0000e+00	0.0000e+00
323	1937	-8.1868e-01	5.1171e-02	5.9935e-02	6.2738e-04	-3.9214e-05	-3.3651e-01
	1960	8.1868e-01	-5.1171e-02	-5.9935e-02	-6.2738e-04	-4.3273e+00	4.0311e+00
324	1936	3.6993e-13	-2.8599e-13	2.9552e-02	-4.9266e-16	3.7748e-15	3.5937e-01
	1961	-3.6993e-13	2.8599e-13	-2.9552e-02	4.9266e-16	-2.1337e+00	-3.5937e-01
325	1935	8.0824e-14	-2.8422e-14	1.9388e-02	-2.1511e-16	1.7764e-15	-1.8331e-02
	1962	-8.0824e-14	2.8422e-14	-1.9388e-02	2.1511e-16	-1.3998e+00	1.8331e-02
326	1934	3.6948e-13	-4.7962e-14	1.3525e-02	-9.0900e-16	-8.8818e-16	3.2212e-03
	1963	-3.6948e-13	4.7962e-14	-1.3525e-02	9.0900e-16	-9.7654e-01	-3.2212e-03
327	1933	-3.7659e-13	-1.7764e-15	4.8735e-03	-9.6451e-16	-1.8041e-16	4.1912e-02
	1964	3.7659e-13	1.7764e-15	-4.8735e-03	9.6451e-16	-3.5187e-01	-4.1912e-02
328	1932	-9.9476e-14	8.8818e-15	-1.9978e-03	-5.3586e-15	-6.6613e-15	-1.0183e-01
	1965	9.9476e-14	-8.8818e-15	1.9978e-03	5.3586e-15	1.4424e-01	1.0183e-01
329	1931	-5.1514e-14	2.0961e-13	-9.2334e-03	3.2613e-16	4.4409e-16	4.1888e-02
	1966	5.1514e-14	-2.0961e-13	9.2334e-03	-3.2613e-16	6.6666e-01	-4.1888e-02
330	1930	8.2601e-14	-4.0856e-14	-1.9330e-02	8.6736e-16	-1.9984e-15	3.2685e-03
	1967	-8.2601e-14	4.0856e-14	1.9330e-02	-8.6736e-16	1.3957e+00	-3.2685e-03
331	1929	-2.2027e-13	-7.9936e-14	-2.6916e-02	7.3552e-16	8.8818e-16	-1.5406e-02
	1968	2.2027e-13	7.9936e-14	2.6916e-02	-7.3552e-16	1.9434e+00	1.5406e-02
332	1928	8.1540e-01	-5.0966e-02	-4.1427e-02	-8.5997e-04	5.3752e-05	3.5829e-01
	1969	-8.1540e-01	5.0966e-02	4.1427e-02	8.5997e-04	2.9910e+00	-4.0381e+00
333	1927	-4.8317e-13	-8.8818e-15	-2.1788e-02	-6.5919e-17	-2.3870e-15	-3.3541e-01
	1970	4.8317e-13	8.8818e-15	2.1788e-02	6.5919e-17	1.5731e+00	3.3541e-01
334	2089	4.4741e-01	-1.9463e-20	-4.1265e-20	-1.1116e-02	0.0000e+00	0.0000e+00
	2090	-4.4741e-01	1.9463e-20	4.1265e-20	1.1116e-02	0.0000e+00	0.0000e+00
335	2083	5.0828e-01	-3.7383e-19	2.0059e-21	-1.4551e-02	0.0000e+00	0.0000e+00
	2084	-5.0828e-01	3.7383e-19	-2.0059e-21	1.4551e-02	0.0000e+00	0.0000e+00
336	2081	2.1404e-01	-5.5424e-19	9.2931e-21	-1.1981e-02	0.0000e+00	0.0000e+00
	2082	-2.1404e-01	5.5424e-19	-9.2931e-21	1.1981e-02	0.0000e+00	0.0000e+00
337	2055	1.5305e-01	6.9902e-19	-1.6962e-20	5.7363e-03	0.0000e+00	0.0000e+00
	2077	-1.5305e-01	-6.9902e-19	1.6962e-20	-5.7363e-03	0.0000e+00	0.0000e+00
338	2077	1.8958e-01	-6.8982e-19	7.9867e-21	-6.0019e-03	0.0000e+00	0.0000e+00
	2078	-1.8958e-01	6.8982e-19	-7.9867e-21	6.0019e-03	0.0000e+00	0.0000e+00
339	2075	1.7761e-01	-7.2852e-19	5.6485e-21	2.9628e-03	0.0000e+00	0.0000e+00
	2076	-1.7761e-01	7.2852e-19	-5.6485e-21	-2.9628e-03	0.0000e+00	0.0000e+00
340	2071	3.4960e-01	-6.4178e-19	1.5887e-20	1.5264e-02	0.0000e+00	0.0000e+00
	2072	-3.4960e-01	6.4178e-19	-1.5887e-20	-1.5264e-02	0.0000e+00	0.0000e+00
341	2087	3.3004e-01	-1.8390e-19	-1.6495e-20	-1.4200e-02	0.0000e+00	0.0000e+00

	2088	-3.3004e-01	1.8390e-19	1.6495e-20	1.4200e-02	0.0000e+00	0.0000e+00
342	2090	4.6010e-01	0.0000e+00	-2.5503e-20	-2.5705e-03	0.0000e+00	0.0000e+00
	2112	-4.6010e-01	0.0000e+00	2.5503e-20	2.5705e-03	0.0000e+00	0.0000e+00
343	2088	3.1108e-01	0.0000e+00	-1.3257e-20	-2.6614e-03	0.0000e+00	0.0000e+00
	2111	-3.1108e-01	0.0000e+00	1.3257e-20	2.6614e-03	0.0000e+00	0.0000e+00
344	2084	6.3541e-01	0.0000e+00	-3.9670e-21	-2.9377e-03	0.0000e+00	0.0000e+00
	2109	-6.3541e-01	0.0000e+00	3.9670e-21	2.9377e-03	0.0000e+00	0.0000e+00
345	2082	1.9390e-01	0.0000e+00	8.3378e-22	-2.8659e-03	0.0000e+00	0.0000e+00
	2108	-1.9390e-01	0.0000e+00	-8.3378e-22	2.8659e-03	0.0000e+00	0.0000e+00
346	2078	1.6282e-01	0.0000e+00	-4.1268e-22	-2.0198e-03	0.0000e+00	0.0000e+00
	2106	-1.6282e-01	0.0000e+00	4.1268e-22	2.0198e-03	0.0000e+00	0.0000e+00
347	2076	1.5459e-01	0.0000e+00	-4.0930e-21	-4.4613e-04	0.0000e+00	0.0000e+00
	2105	-1.5459e-01	0.0000e+00	4.0930e-21	4.4613e-04	0.0000e+00	0.0000e+00
348	2072	3.7406e-01	0.0000e+00	-2.6718e-21	1.8738e-03	0.0000e+00	0.0000e+00
	2103	-3.7406e-01	0.0000e+00	2.6718e-21	-1.8738e-03	0.0000e+00	0.0000e+00
349	2103	4.1902e-01	0.0000e+00	0.0000e+00	-1.7744e-03	0.0000e+00	0.0000e+00
	2120	-4.1902e-01	0.0000e+00	0.0000e+00	1.7744e-03	0.0000e+00	0.0000e+00
350	2105	1.1538e-01	0.0000e+00	0.0000e+00	-3.1938e-03	0.0000e+00	0.0000e+00
	2122	-1.1538e-01	0.0000e+00	0.0000e+00	3.1938e-03	0.0000e+00	0.0000e+00
351	2106	9.1082e-02	0.0000e+00	0.0000e+00	-3.0889e-03	0.0000e+00	0.0000e+00
	2123	-9.1082e-02	0.0000e+00	0.0000e+00	3.0889e-03	0.0000e+00	0.0000e+00
352	2108	1.4979e-01	0.0000e+00	0.0000e+00	-1.5157e-03	0.0000e+00	0.0000e+00
	2125	-1.4979e-01	0.0000e+00	0.0000e+00	1.5157e-03	0.0000e+00	0.0000e+00
353	2109	7.1133e-01	0.0000e+00	0.0000e+00	1.5158e-03	0.0000e+00	0.0000e+00
	1925	-7.1133e-01	0.0000e+00	0.0000e+00	-1.5158e-03	0.0000e+00	0.0000e+00
354	2111	2.6047e-01	0.0000e+00	0.0000e+00	2.9314e-03	0.0000e+00	0.0000e+00
	1983	-2.6047e-01	0.0000e+00	0.0000e+00	-2.9314e-03	0.0000e+00	0.0000e+00
355	2112	4.9604e-01	0.0000e+00	0.0000e+00	-2.5619e-03	0.0000e+00	0.0000e+00
	2005	-4.9604e-01	0.0000e+00	0.0000e+00	2.5619e-03	0.0000e+00	0.0000e+00
356	2085	4.0066e-01	-1.4575e-17	1.3622e-18	5.1358e-03	0.0000e+00	0.0000e+00
	1921	-4.0066e-01	1.4575e-17	-1.3622e-18	-5.1358e-03	0.0000e+00	0.0000e+00
357	1983	1.8255e-01	0.0000e+00	-1.0148e-18	6.6868e-02	0.0000e+00	0.0000e+00
	2059	-1.8255e-01	0.0000e+00	1.0148e-18	-6.6868e-02	0.0000e+00	0.0000e+00
358	2005	5.5178e-01	0.0000e+00	-5.5102e-19	4.0545e-02	0.0000e+00	0.0000e+00
	2085	-5.5178e-01	0.0000e+00	5.5102e-19	-4.0545e-02	0.0000e+00	0.0000e+00
359	1925	5.2356e-02	0.0000e+00	-1.3349e-18	5.5832e-02	0.0000e+00	0.0000e+00
	2042	-5.2356e-02	0.0000e+00	1.3349e-18	-5.5832e-02	0.0000e+00	0.0000e+00
360	2125	8.6546e-02	0.0000e+00	-1.4469e-18	2.1128e-02	0.0000e+00	0.0000e+00
	2025	-8.6546e-02	0.0000e+00	1.4469e-18	-2.1128e-02	0.0000e+00	0.0000e+00
361	2123	1.1435e-01	0.0000e+00	-1.4837e-18	-2.4481e-02	0.0000e+00	0.0000e+00
	2008	-1.1435e-01	0.0000e+00	1.4837e-18	2.4481e-02	0.0000e+00	0.0000e+00
362	2122	6.3544e-02	0.0000e+00	-1.6327e-18	-5.9903e-02	0.0000e+00	0.0000e+00
	1996	-6.3544e-02	0.0000e+00	1.6327e-18	5.9903e-02	0.0000e+00	0.0000e+00
363	2120	4.8116e-01	0.0000e+00	-2.0213e-18	-7.0241e-02	0.0000e+00	0.0000e+00
	1919	-4.8116e-01	0.0000e+00	2.0213e-18	7.0241e-02	0.0000e+00	0.0000e+00
364	2059	8.9235e-02	-1.1596e-17	1.0361e-18	-7.0576e-02	0.0000e+00	0.0000e+00
	1920	-8.9235e-02	1.1596e-17	-1.0361e-18	7.0576e-02	0.0000e+00	0.0000e+00
365	2042	-2.9006e-01	-8.1664e-18	7.7958e-19	-5.9517e-02	0.0000e+00	0.0000e+00
	1918	2.9006e-01	8.1664e-18	-7.7958e-19	5.9517e-02	0.0000e+00	0.0000e+00
366	2025	2.1526e-02	-6.6383e-18	6.9098e-19	-2.9019e-03	0.0000e+00	0.0000e+00
	1917	-2.1526e-02	6.6383e-18	-6.9098e-19	2.9019e-03	0.0000e+00	0.0000e+00
367	2008	-4.2129e-01	-7.9084e-18	6.3440e-19	6.1615e-02	0.0000e+00	0.0000e+00
	2107	4.2129e-01	7.9084e-18	-6.3440e-19	-6.1615e-02	0.0000e+00	0.0000e+00
368	1996	-1.7040e-02	-1.1477e-17	4.6085e-19	9.0841e-02	0.0000e+00	0.0000e+00
	2080	1.7040e-02	1.1477e-17	-4.6085e-19	-9.0841e-02	0.0000e+00	0.0000e+00

369	1919	-1.3018e+00	-1.5458e-17	1.3758e-19	4.9180e-02	0.0000e+00	0.0000e+00
	2079	1.3018e+00	1.5458e-17	-1.3758e-19	-4.9180e-02	0.0000e+00	0.0000e+00
370	2097	-1.6557e-01	8.4724e-19	2.8056e-18	-3.3459e-01	0.0000e+00	0.0000e+00
	2039	1.6557e-01	-8.4724e-19	-2.8056e-18	3.3459e-01	0.0000e+00	0.0000e+00
371	2098	-1.7173e+00	-9.8935e-18	9.5819e-19	-2.6336e-01	0.0000e+00	0.0000e+00
	2056	1.7173e+00	9.8935e-18	-9.5819e-19	2.6336e-01	0.0000e+00	0.0000e+00
372	2119	-7.2249e-02	0.0000e+00	-2.5660e-18	4.9180e-03	0.0000e+00	0.0000e+00
	2098	7.2249e-02	0.0000e+00	2.5660e-18	-4.9180e-03	0.0000e+00	0.0000e+00
373	2118	-2.2370e-01	0.0000e+00	-2.2980e-18	2.3564e-02	0.0000e+00	0.0000e+00
	2097	2.2370e-01	0.0000e+00	2.2980e-18	-2.3564e-02	0.0000e+00	0.0000e+00
374	2102	-7.0310e-02	0.0000e+00	0.0000e+00	4.2884e-03	0.0000e+00	0.0000e+00
	2119	7.0310e-02	0.0000e+00	0.0000e+00	-4.2884e-03	0.0000e+00	0.0000e+00
375	2101	-2.6070e-01	0.0000e+00	0.0000e+00	5.7032e-03	0.0000e+00	0.0000e+00
	2118	2.6070e-01	0.0000e+00	0.0000e+00	-5.7032e-03	0.0000e+00	0.0000e+00
376	2070	-7.1999e-02	0.0000e+00	7.2302e-20	7.6721e-03	0.0000e+00	0.0000e+00
	2102	7.1999e-02	0.0000e+00	-7.2302e-20	-7.6721e-03	0.0000e+00	0.0000e+00
377	2068	-2.8532e-01	0.0000e+00	1.6035e-19	8.9280e-03	0.0000e+00	0.0000e+00
	2101	2.8532e-01	0.0000e+00	-1.6035e-19	-8.9280e-03	0.0000e+00	0.0000e+00
378	2069	-8.1117e-02	4.7735e-20	1.6405e-19	4.4690e-02	0.0000e+00	0.0000e+00
	2070	8.1117e-02	-4.7735e-20	-1.6405e-19	-4.4690e-02	0.0000e+00	0.0000e+00
379	2067	-2.9119e-01	6.0150e-19	3.2406e-19	5.0779e-02	0.0000e+00	0.0000e+00
	2068	2.9119e-01	-6.0150e-19	-3.2406e-19	-5.0779e-02	0.0000e+00	0.0000e+00
380	2022	4.8761e-02	9.4462e-19	-1.1958e-18	1.1857e-02	0.0000e+00	0.0000e+00
	1926	-4.8761e-02	-9.4462e-19	1.1958e-18	-1.1857e-02	0.0000e+00	0.0000e+00
381	1993	-2.6663e-02	-8.0117e-19	-8.2758e-19	9.8442e-02	0.0000e+00	0.0000e+00
	1924	2.6663e-02	8.0117e-19	8.2758e-19	-9.8442e-02	0.0000e+00	0.0000e+00
382	1916	5.6268e-01	-5.3928e-18	5.5823e-20	1.4974e-01	0.0000e+00	0.0000e+00
	1923	-5.6268e-01	5.3928e-18	-5.5823e-20	-1.4974e-01	0.0000e+00	0.0000e+00
383	2086	6.4027e-02	-1.0654e-17	1.0147e-18	1.3576e-01	0.0000e+00	0.0000e+00
	1922	-6.4027e-02	1.0654e-17	-1.0147e-18	-1.3576e-01	0.0000e+00	0.0000e+00
384	2065	-5.0352e-01	0.0000e+00	-9.4779e-19	1.8896e-02	0.0000e+00	0.0000e+00
	2022	5.0352e-01	0.0000e+00	9.4779e-19	-1.8896e-02	0.0000e+00	0.0000e+00
385	2048	-6.9568e-02	0.0000e+00	-1.0129e-18	-7.1942e-03	0.0000e+00	0.0000e+00
	1993	6.9568e-02	0.0000e+00	1.0129e-18	7.1942e-03	0.0000e+00	0.0000e+00
386	2031	6.3795e-02	0.0000e+00	-7.6411e-19	-2.0045e-02	0.0000e+00	0.0000e+00
	1916	-6.3795e-02	0.0000e+00	7.6411e-19	2.0045e-02	0.0000e+00	0.0000e+00
387	2014	1.0145e-01	0.0000e+00	-5.1136e-19	-1.0113e-02	0.0000e+00	0.0000e+00
	2086	-1.0145e-01	0.0000e+00	5.1136e-19	1.0113e-02	0.0000e+00	0.0000e+00
388	2113	1.2385e-01	0.0000e+00	0.0000e+00	-1.1835e-02	0.0000e+00	0.0000e+00
	2014	-1.2385e-01	0.0000e+00	0.0000e+00	1.1835e-02	0.0000e+00	0.0000e+00
389	2114	6.5772e-02	0.0000e+00	0.0000e+00	-9.2204e-03	0.0000e+00	0.0000e+00
	2031	-6.5772e-02	0.0000e+00	0.0000e+00	9.2204e-03	0.0000e+00	0.0000e+00
390	2115	-9.7336e-02	0.0000e+00	0.0000e+00	7.0165e-05	0.0000e+00	0.0000e+00
	2048	9.7336e-02	0.0000e+00	0.0000e+00	-7.0165e-05	0.0000e+00	0.0000e+00
391	2117	-4.7520e-01	0.0000e+00	0.0000e+00	1.2438e-02	0.0000e+00	0.0000e+00
	2065	4.7520e-01	0.0000e+00	0.0000e+00	-1.2438e-02	0.0000e+00	0.0000e+00
392	2092	1.3834e-01	0.0000e+00	-4.4094e-20	-2.4685e-03	0.0000e+00	0.0000e+00
	2113	-1.3834e-01	0.0000e+00	4.4094e-20	2.4685e-03	0.0000e+00	0.0000e+00
393	2094	6.7655e-02	0.0000e+00	-6.5388e-20	-1.3184e-03	0.0000e+00	0.0000e+00
	2114	-6.7655e-02	0.0000e+00	6.5388e-20	1.3184e-03	0.0000e+00	0.0000e+00
394	2096	-1.1729e-01	0.0000e+00	-7.2016e-20	3.4302e-04	0.0000e+00	0.0000e+00
	2115	1.1729e-01	0.0000e+00	7.2016e-20	-3.4302e-04	0.0000e+00	0.0000e+00
395	2100	-4.5492e-01	0.0000e+00	-5.5275e-20	2.0941e-03	0.0000e+00	0.0000e+00
	2117	4.5492e-01	0.0000e+00	5.5275e-20	-2.0941e-03	0.0000e+00	0.0000e+00
396	2091	1.4270e-01	8.5009e-20	-5.9154e-20	-5.9338e-03	0.0000e+00	0.0000e+00

	2092	-1.4270e-01	-8.5009e-20	5.9154e-20	5.9338e-03	0.0000e+00	0.0000e+00
397	2093	7.0355e-02	1.1687e-19	-6.9488e-20	-1.5101e-03	0.0000e+00	0.0000e+00
	2094	-7.0355e-02	-1.1687e-19	6.9488e-20	1.5101e-03	0.0000e+00	0.0000e+00
398	2095	-1.2798e-01	1.0887e-19	-6.6541e-20	2.0939e-03	0.0000e+00	0.0000e+00
	2096	1.2798e-01	-1.0887e-19	6.6541e-20	-2.0939e-03	0.0000e+00	0.0000e+00
399	2099	-4.4482e-01	7.3488e-20	-5.1182e-20	4.6183e-03	0.0000e+00	0.0000e+00
	2100	4.4482e-01	-7.3488e-20	5.1182e-20	-4.6183e-03	0.0000e+00	0.0000e+00
400	2066	-4.4273e-01	-6.3936e-20	4.3794e-20	-4.0841e-03	0.0000e+00	0.0000e+00
	2099	4.4273e-01	6.3936e-20	-4.3794e-20	4.0841e-03	0.0000e+00	0.0000e+00
401	2049	-4.4839e-01	0.0000e+00	9.1530e-20	-2.9867e-03	0.0000e+00	0.0000e+00
	2066	4.4839e-01	0.0000e+00	-9.1530e-20	2.9867e-03	0.0000e+00	0.0000e+00
402	2064	-1.3187e-01	-9.6910e-20	5.7917e-20	-2.0077e-03	0.0000e+00	0.0000e+00
	2095	1.3187e-01	9.6910e-20	-5.7917e-20	2.0077e-03	0.0000e+00	0.0000e+00
403	2063	7.4107e-02	-1.0711e-19	6.1445e-20	1.2694e-03	0.0000e+00	0.0000e+00
	2093	-7.4107e-02	1.0711e-19	-6.1445e-20	-1.2694e-03	0.0000e+00	0.0000e+00
404	2062	1.3994e-01	-7.9673e-20	5.2387e-20	5.6200e-03	0.0000e+00	0.0000e+00
	2091	-1.3994e-01	7.9673e-20	-5.2387e-20	-5.6200e-03	0.0000e+00	0.0000e+00
405	2061	4.4939e-01	2.1021e-20	3.5016e-20	1.1179e-02	0.0000e+00	0.0000e+00
	2089	-4.4939e-01	-2.1021e-20	-3.5016e-20	-1.1179e-02	0.0000e+00	0.0000e+00
406	2060	3.3176e-01	1.8962e-19	9.4932e-21	1.4495e-02	0.0000e+00	0.0000e+00
	2087	-3.3176e-01	-1.8962e-19	-9.4932e-21	-1.4495e-02	0.0000e+00	0.0000e+00
407	2058	4.5682e-01	3.8407e-19	-9.5717e-21	1.4818e-02	0.0000e+00	0.0000e+00
	2083	-4.5682e-01	-3.8407e-19	9.5717e-21	-1.4818e-02	0.0000e+00	0.0000e+00
408	2057	2.2186e-01	5.6809e-19	-1.7616e-20	1.1960e-02	0.0000e+00	0.0000e+00
	2081	-2.2186e-01	-5.6809e-19	1.7616e-20	-1.1960e-02	0.0000e+00	0.0000e+00
409	2054	1.9034e-01	7.3427e-19	-1.4834e-20	-3.2292e-03	0.0000e+00	0.0000e+00
	2075	-1.9034e-01	-7.3427e-19	1.4834e-20	3.2292e-03	0.0000e+00	0.0000e+00
410	2052	3.3798e-01	6.4436e-19	-2.5445e-20	-1.5485e-02	0.0000e+00	0.0000e+00
	2071	-3.3798e-01	-6.4436e-19	2.5445e-20	1.5485e-02	0.0000e+00	0.0000e+00
411	2051	-9.7843e-02	-4.8069e-20	-1.7413e-19	-4.4724e-02	0.0000e+00	0.0000e+00
	2069	9.7843e-02	4.8069e-20	1.7413e-19	4.4724e-02	0.0000e+00	0.0000e+00
412	2050	-2.8170e-01	-6.0164e-19	-3.3409e-19	-5.0771e-02	0.0000e+00	0.0000e+00
	2067	2.8170e-01	6.0164e-19	3.3409e-19	5.0771e-02	0.0000e+00	0.0000e+00
413	2047	-1.2950e-01	0.0000e+00	1.1480e-19	-4.8327e-04	0.0000e+00	0.0000e+00
	2064	1.2950e-01	0.0000e+00	-1.1480e-19	4.8327e-04	0.0000e+00	0.0000e+00
414	2046	7.9433e-02	0.0000e+00	1.0508e-19	1.7411e-03	0.0000e+00	0.0000e+00
	2063	-7.9433e-02	0.0000e+00	-1.0508e-19	-1.7411e-03	0.0000e+00	0.0000e+00
415	2045	1.2985e-01	0.0000e+00	7.6792e-20	3.0471e-03	0.0000e+00	0.0000e+00
	2062	-1.2985e-01	0.0000e+00	-7.6792e-20	-3.0471e-03	0.0000e+00	0.0000e+00
416	2044	4.6528e-01	0.0000e+00	5.4988e-20	2.5792e-03	0.0000e+00	0.0000e+00
	2061	-4.6528e-01	0.0000e+00	-5.4988e-20	-2.5792e-03	0.0000e+00	0.0000e+00
417	2043	3.1885e-01	0.0000e+00	4.5866e-20	2.3386e-03	0.0000e+00	0.0000e+00
	2060	-3.1885e-01	0.0000e+00	-4.5866e-20	-2.3386e-03	0.0000e+00	0.0000e+00
418	2041	4.8922e-01	0.0000e+00	3.8797e-20	2.7129e-03	0.0000e+00	0.0000e+00
	2058	-4.8922e-01	0.0000e+00	-3.8797e-20	-2.7129e-03	0.0000e+00	0.0000e+00
419	2040	2.2214e-01	0.0000e+00	3.4727e-20	2.9085e-03	0.0000e+00	0.0000e+00
	2057	-2.2214e-01	0.0000e+00	-3.4727e-20	-2.9085e-03	0.0000e+00	0.0000e+00
420	2038	3.4115e-02	0.0000e+00	3.6613e-20	2.2542e-03	0.0000e+00	0.0000e+00
	2055	-3.4115e-02	0.0000e+00	-3.6613e-20	-2.2542e-03	0.0000e+00	0.0000e+00
421	2037	1.9650e-01	0.0000e+00	4.0977e-20	7.3099e-04	0.0000e+00	0.0000e+00
	2054	-1.9650e-01	0.0000e+00	-4.0977e-20	-7.3099e-04	0.0000e+00	0.0000e+00
422	2035	3.3616e-01	0.0000e+00	4.0920e-20	-1.6140e-03	0.0000e+00	0.0000e+00
	2052	-3.3616e-01	0.0000e+00	-4.0920e-20	1.6140e-03	0.0000e+00	0.0000e+00
423	2034	-1.2461e-01	0.0000e+00	-3.2003e-20	-7.6311e-03	0.0000e+00	0.0000e+00
	2051	1.2461e-01	0.0000e+00	3.2003e-20	7.6311e-03	0.0000e+00	0.0000e+00

424	2033	-2.5542e-01	0.0000e+00	-1.2027e-19	-8.9394e-03	0.0000e+00	0.0000e+00
	2050	2.5542e-01	0.0000e+00	1.2027e-19	8.9394e-03	0.0000e+00	0.0000e+00
425	2032	-4.6319e-01	0.0000e+00	0.0000e+00	-9.1405e-03	0.0000e+00	0.0000e+00
	2049	4.6319e-01	0.0000e+00	0.0000e+00	9.1405e-03	0.0000e+00	0.0000e+00
426	2030	-1.1988e-01	0.0000e+00	0.0000e+00	5.0454e-04	0.0000e+00	0.0000e+00
	2047	1.1988e-01	0.0000e+00	0.0000e+00	-5.0454e-04	0.0000e+00	0.0000e+00
427	2029	8.7590e-02	0.0000e+00	0.0000e+00	7.6791e-03	0.0000e+00	0.0000e+00
	2046	-8.7590e-02	0.0000e+00	0.0000e+00	-7.6791e-03	0.0000e+00	0.0000e+00
428	2028	1.0892e-01	0.0000e+00	0.0000e+00	9.5522e-03	0.0000e+00	0.0000e+00
	2045	-1.0892e-01	0.0000e+00	0.0000e+00	-9.5522e-03	0.0000e+00	0.0000e+00
429	2027	5.0148e-01	0.0000e+00	0.0000e+00	2.0101e-03	0.0000e+00	0.0000e+00
	2044	-5.0148e-01	0.0000e+00	0.0000e+00	-2.0101e-03	0.0000e+00	0.0000e+00
430	2026	2.8414e-01	0.0000e+00	0.0000e+00	-2.5875e-03	0.0000e+00	0.0000e+00
	2043	-2.8414e-01	0.0000e+00	0.0000e+00	2.5875e-03	0.0000e+00	0.0000e+00
431	2024	6.2459e-01	0.0000e+00	0.0000e+00	-1.7741e-03	0.0000e+00	0.0000e+00
	2041	-6.2459e-01	0.0000e+00	0.0000e+00	1.7741e-03	0.0000e+00	0.0000e+00
432	2023	2.1764e-01	0.0000e+00	0.0000e+00	1.2981e-03	0.0000e+00	0.0000e+00
	2040	-2.1764e-01	0.0000e+00	0.0000e+00	-1.2981e-03	0.0000e+00	0.0000e+00
433	2021	1.9683e-02	0.0000e+00	0.0000e+00	3.2082e-03	0.0000e+00	0.0000e+00
	2038	-1.9683e-02	0.0000e+00	0.0000e+00	-3.2082e-03	0.0000e+00	0.0000e+00
434	2020	2.0229e-01	0.0000e+00	0.0000e+00	2.9002e-03	0.0000e+00	0.0000e+00
	2037	-2.0229e-01	0.0000e+00	0.0000e+00	-2.9002e-03	0.0000e+00	0.0000e+00
435	2018	3.4230e-01	0.0000e+00	0.0000e+00	1.3343e-03	0.0000e+00	0.0000e+00
	2035	-3.4230e-01	0.0000e+00	0.0000e+00	-1.3343e-03	0.0000e+00	0.0000e+00
436	2017	-1.6853e-01	0.0000e+00	0.0000e+00	-4.3695e-03	0.0000e+00	0.0000e+00
	2034	1.6853e-01	0.0000e+00	0.0000e+00	4.3695e-03	0.0000e+00	0.0000e+00
437	2016	-2.0463e-01	0.0000e+00	0.0000e+00	-5.6773e-03	0.0000e+00	0.0000e+00
	2033	2.0463e-01	0.0000e+00	0.0000e+00	5.6773e-03	0.0000e+00	0.0000e+00
438	2015	-4.8476e-01	0.0000e+00	1.0916e-18	-2.2005e-02	0.0000e+00	0.0000e+00
	2032	4.8476e-01	0.0000e+00	-1.0916e-18	2.2005e-02	0.0000e+00	0.0000e+00
439	2013	-1.0487e-01	0.0000e+00	1.1679e-18	6.8751e-03	0.0000e+00	0.0000e+00
	2030	1.0487e-01	0.0000e+00	-1.1679e-18	-6.8751e-03	0.0000e+00	0.0000e+00
440	2012	9.8035e-02	0.0000e+00	9.0765e-19	2.1950e-02	0.0000e+00	0.0000e+00
	2029	-9.8035e-02	0.0000e+00	-9.0765e-19	-2.1950e-02	0.0000e+00	0.0000e+00
441	2011	7.9019e-02	0.0000e+00	6.1048e-19	1.2193e-02	0.0000e+00	0.0000e+00
	2028	-7.9019e-02	0.0000e+00	-6.1048e-19	-1.2193e-02	0.0000e+00	0.0000e+00
442	2010	5.5602e-01	0.0000e+00	6.4344e-19	-4.1049e-02	0.0000e+00	0.0000e+00
	2027	-5.5602e-01	0.0000e+00	-6.4344e-19	4.1049e-02	0.0000e+00	0.0000e+00
443	2009	2.2732e-01	0.0000e+00	1.1225e-18	-6.7870e-02	0.0000e+00	0.0000e+00
	2026	-2.2732e-01	0.0000e+00	-1.1225e-18	6.7870e-02	0.0000e+00	0.0000e+00
444	2007	6.7002e-01	0.0000e+00	1.4502e-18	-5.6102e-02	0.0000e+00	0.0000e+00
	2024	-6.7002e-01	0.0000e+00	-1.4502e-18	5.6102e-02	0.0000e+00	0.0000e+00
445	2006	2.0491e-01	0.0000e+00	1.5679e-18	-2.0328e-02	0.0000e+00	0.0000e+00
	2023	-2.0491e-01	0.0000e+00	-1.5679e-18	2.0328e-02	0.0000e+00	0.0000e+00
446	2004	6.6170e-01	0.0000e+00	1.6112e-18	2.5580e-02	0.0000e+00	0.0000e+00
	2021	-6.6170e-01	0.0000e+00	-1.6112e-18	-2.5580e-02	0.0000e+00	0.0000e+00
447	2003	2.0826e-01	0.0000e+00	1.7730e-18	6.1308e-02	0.0000e+00	0.0000e+00
	2020	-2.0826e-01	0.0000e+00	-1.7730e-18	-6.1308e-02	0.0000e+00	0.0000e+00
448	2001	3.5240e-01	7.7323e-19	0.0000e+00	7.1204e-02	0.0000e+00	0.0000e+00
	2018	-3.5240e-01	-7.7323e-19	0.0000e+00	-7.1204e-02	0.0000e+00	0.0000e+00
449	2000	-2.2779e-01	-4.7344e-19	0.0000e+00	-4.2025e-03	0.0000e+00	0.0000e+00
	2017	2.2779e-01	4.7344e-19	0.0000e+00	4.2025e-03	0.0000e+00	0.0000e+00
450	1999	-1.3456e-01	-6.9752e-20	0.0000e+00	-2.2359e-02	0.0000e+00	0.0000e+00
	2016	1.3456e-01	6.9752e-20	0.0000e+00	2.2359e-02	0.0000e+00	0.0000e+00
451	1982	-5.1776e-01	-1.1044e-18	1.2709e-18	-8.5466e-03	0.0000e+00	0.0000e+00

	2015	5.1776e-01	1.1044e-18	-1.2709e-18	8.5466e-03	0.0000e+00	0.0000e+00
452	1984	-8.0621e-02	5.9741e-19	9.1603e-19	-9.7840e-02	0.0000e+00	0.0000e+00
	2013	8.0621e-02	-5.9741e-19	-9.1603e-19	9.7840e-02	0.0000e+00	0.0000e+00
453	1985	-4.7956e-01	5.2247e-18	2.7102e-20	-1.5114e-01	0.0000e+00	0.0000e+00
	2012	4.7956e-01	-5.2247e-18	-2.7102e-20	1.5114e-01	0.0000e+00	0.0000e+00
454	1986	2.9247e-02	1.0561e-17	-9.4469e-19	-1.3767e-01	0.0000e+00	0.0000e+00
	2011	-2.9247e-02	-1.0561e-17	9.4469e-19	1.3767e-01	0.0000e+00	0.0000e+00
455	1998	1.4079e-01	1.4549e-17	-1.2979e-18	-4.9229e-03	0.0000e+00	0.0000e+00
	2010	-1.4079e-01	-1.4549e-17	1.2979e-18	4.9229e-03	0.0000e+00	0.0000e+00
456	1997	1.2269e-01	1.1507e-17	-9.6475e-19	7.2093e-02	0.0000e+00	0.0000e+00
	2009	-1.2269e-01	-1.1507e-17	9.6475e-19	-7.2093e-02	0.0000e+00	0.0000e+00
457	1995	3.4931e-01	8.0101e-18	-7.0307e-19	6.0839e-02	0.0000e+00	0.0000e+00
	2007	-3.4931e-01	-8.0101e-18	7.0307e-19	-6.0839e-02	0.0000e+00	0.0000e+00
458	1994	1.3783e-01	6.4360e-18	-6.0895e-19	2.8247e-03	0.0000e+00	0.0000e+00
	2006	-1.3783e-01	-6.4360e-18	6.0895e-19	-2.8247e-03	0.0000e+00	0.0000e+00
459	1992	1.1811e+00	7.7651e-18	-5.4768e-19	-6.2877e-02	0.0000e+00	0.0000e+00
	2004	-1.1811e+00	-7.7651e-18	5.4768e-19	6.2877e-02	0.0000e+00	0.0000e+00
460	1991	1.7617e-01	1.1383e-17	-3.7228e-19	-9.2221e-02	0.0000e+00	0.0000e+00
	2003	-1.7617e-01	-1.1383e-17	3.7228e-19	9.2221e-02	0.0000e+00	0.0000e+00
461	1989	1.7074e+00	1.5412e-17	-4.5481e-20	-5.0430e-02	0.0000e+00	0.0000e+00
	2001	-1.7074e+00	-1.5412e-17	4.5481e-20	5.0430e-02	0.0000e+00	0.0000e+00
462	1988	1.5785e+00	9.9000e-18	-8.6045e-19	2.6319e-01	0.0000e+00	0.0000e+00
	2000	-1.5785e+00	-9.9000e-18	8.6045e-19	-2.6319e-01	0.0000e+00	0.0000e+00
463	1987	-2.6093e-02	-8.4621e-19	-2.7088e-18	3.3472e-01	0.0000e+00	0.0000e+00
	1999	2.6093e-02	8.4621e-19	2.7088e-18	-3.3472e-01	0.0000e+00	0.0000e+00
464	1926	-2.7314e+00	-4.7450e-01	1.5688e-02	3.8293e-01	-2.3373e+00	-7.0696e+01
	1981	2.7314e+00	4.7450e-01	-1.5688e-02	-3.8293e-01	0.0000e+00	0.0000e+00
465	1924	-2.7721e+00	2.9528e-02	-3.3073e-02	-4.7999e-02	8.8030e-01	-6.7808e+01
	1926	2.7721e+00	-2.9528e-02	3.3073e-02	4.7999e-02	2.3680e+00	7.0708e+01
466	1923	-2.7550e+00	3.0900e-01	-6.4103e-03	4.1041e-02	1.5253e+00	-3.6833e+01
	1924	2.7550e+00	-3.0900e-01	6.4103e-03	-4.1041e-02	-8.8066e-01	6.7906e+01
467	1922	-3.0404e+00	4.0395e-01	2.6016e-02	8.1469e-02	-1.0307e+00	2.6778e+00
	1923	3.0404e+00	-4.0395e-01	-2.6016e-02	-8.1469e-02	-1.5236e+00	3.6983e+01
468	1949	-2.8505e+00	1.1323e+00	-3.8012e-02	-1.7202e-01	1.4570e+00	7.6313e+01
	1922	2.8505e+00	-1.1323e+00	3.8012e-02	1.7202e-01	1.0195e+00	-2.5421e+00
469	1921	-2.1183e+00	-9.6636e-01	-4.8803e-02	-1.6257e-01	3.3404e+00	3.9029e+01
	1949	2.1183e+00	9.6636e-01	4.8803e-02	1.6257e-01	-1.4575e+00	-7.6313e+01
470	1920	-2.3988e+00	-8.5234e-01	5.2462e-02	-4.6252e-02	-1.9750e+00	-4.7392e+01
	1921	2.3988e+00	8.5234e-01	-5.2462e-02	4.6252e-02	-3.3440e+00	-3.9024e+01
471	1918	-2.4723e+00	-6.0674e-01	-3.6772e-02	-2.4467e-01	1.7501e+00	-1.0854e+02
	1920	2.4723e+00	6.0674e-01	3.6772e-02	2.4467e-01	1.9603e+00	4.7322e+01
472	1917	-2.4090e+00	-3.5003e-01	2.2577e-02	-5.0745e-02	-5.1076e-01	-1.4379e+02
	1918	2.4090e+00	3.5003e-01	-2.2577e-02	5.0745e-02	-1.7663e+00	1.0848e+02
473	2107	-2.4318e+00	-1.1054e-01	1.0512e-03	-1.0091e-01	-6.1206e-01	-1.5523e+02
	1917	2.4318e+00	1.1054e-01	-1.0512e-03	1.0091e-01	5.0326e-01	1.4378e+02
474	2080	-2.2128e+00	1.1652e-01	-7.7637e-03	-1.6552e-01	1.6874e-01	-1.4379e+02
	2107	2.2128e+00	-1.1652e-01	7.7637e-03	1.6552e-01	5.9779e-01	1.5529e+02
475	2079	-2.1871e+00	3.5584e-01	9.2759e-03	-1.4624e-01	-7.4804e-01	-1.0806e+02
	2080	2.1871e+00	-3.5584e-01	-9.2759e-03	1.4624e-01	-1.8570e-01	1.4388e+02
476	2056	-1.6153e+00	2.4458e-01	6.0215e-02	-5.8443e-02	-4.4370e+00	-3.4119e+01
	1959	1.6153e+00	-2.4458e-01	-6.0215e-02	5.8443e-02	-7.3349e-01	5.5121e+01
477	2039	-6.6797e-01	2.1978e-01	-1.0563e-01	-3.5420e-01	6.3205e+00	-1.1503e+01
	2056	6.6797e-01	-2.1978e-01	1.0563e-01	3.5420e-01	4.4232e+00	3.3857e+01
478	1960	-6.5012e-01	2.6803e-01	5.9935e-02	1.0884e-01	4.7336e+00	-4.0311e+00
	2039	6.5012e-01	-2.6803e-01	-5.9935e-02	-1.0884e-01	-6.3295e+00	1.1168e+01

479	2022	2.4124e+00	2.8844e-01	1.1373e-02	2.1957e-01	-1.6945e+00	4.2975e+01
	1980	-2.4124e+00	-2.8844e-01	-1.1373e-02	-2.1957e-01	0.0000e+00	0.0000e+00
480	1993	2.7197e+00	-1.3947e-01	-3.1446e-02	-9.2152e-02	1.3822e+00	2.9271e+01
	2022	-2.7197e+00	1.3947e-01	3.1446e-02	9.2152e-02	1.7062e+00	-4.2969e+01
481	1916	2.6917e+00	-4.1309e-01	1.1459e-02	4.7742e-02	2.3216e-01	-1.2164e+01
	1993	-2.6917e+00	4.1309e-01	-1.1459e-02	-4.7742e-02	-1.3845e+00	-2.9377e+01
482	2086	2.9293e+00	-4.5182e-01	8.4169e-03	5.3547e-02	-5.9562e-01	-5.6355e+01
	1916	-2.9293e+00	4.5182e-01	-8.4169e-03	-5.3547e-02	-2.3078e-01	1.1993e+01
483	1948	2.7310e+00	-1.1517e+00	-2.9005e-02	-9.3137e-02	1.2990e+00	-1.3124e+02
	2086	-2.7310e+00	1.1517e+00	2.9005e-02	9.3137e-02	5.9072e-01	5.6209e+01
484	2085	2.1624e+00	4.6984e-01	-3.2892e-02	-8.4752e-02	2.5682e+00	-1.1311e+02
	1948	-2.1624e+00	-4.6984e-01	3.2892e-02	8.4752e-02	-1.2992e+00	1.3124e+02
485	2059	2.0610e+00	3.8866e-01	4.6696e-02	4.2753e-03	-2.1648e+00	-7.3744e+01
	2085	-2.0610e+00	-3.8866e-01	-4.6696e-02	-4.2753e-03	-2.5696e+00	1.1315e+02
486	2042	2.0896e+00	1.7939e-01	-4.6614e-02	-2.1349e-01	2.5492e+00	-5.5781e+01
	2059	-2.0896e+00	-1.7939e-01	4.6614e-02	2.1349e-01	2.1543e+00	7.3882e+01
487	2025	1.8775e+00	-6.2298e-02	4.1075e-02	6.7521e-02	-1.5855e+00	-6.2179e+01
	2042	-1.8775e+00	6.2298e-02	-4.1075e-02	-6.7521e-02	-2.5573e+00	5.5896e+01
488	2008	1.8622e+00	-2.4732e-01	-2.3945e-02	-8.9310e-02	8.9419e-01	-8.7803e+01
	2025	-1.8622e+00	2.4732e-01	2.3945e-02	8.9310e-02	1.5844e+00	6.2203e+01
489	1996	1.5028e+00	-5.3552e-01	3.0608e-02	6.7533e-03	-2.1235e+00	-1.4059e+02
	2008	-1.5028e+00	5.3552e-01	-3.0608e-02	-6.7533e-03	-8.9852e-01	8.7717e+01
490	1919	1.4359e+00	-6.9536e-01	-4.9976e-02	-2.2361e-01	2.9190e+00	-2.1044e+02
	1996	-1.4359e+00	6.9536e-01	4.9976e-02	2.2361e-01	2.1117e+00	1.4044e+02
491	2098	1.5328e+00	1.5510e+00	-2.1911e-02	-2.2628e-01	1.2244e-01	-1.7751e+02
	1958	-1.5328e+00	-1.5510e+00	2.1911e-02	2.2628e-01	1.7590e+00	3.1070e+02
492	2097	8.1368e-01	1.4040e+00	-2.8578e-02	-2.1698e-01	3.0439e+00	-3.4983e+01
	2098	-8.1368e-01	-1.4040e+00	2.8578e-02	2.1698e-01	-1.3731e-01	1.7778e+02
493	1961	9.1415e-01	1.3408e+00	2.9552e-02	6.1471e-03	2.2648e+00	3.5937e-01
	2097	-9.1415e-01	-1.3408e+00	-2.9552e-02	-6.1471e-03	-3.0517e+00	3.5341e+01
494	2065	5.3472e-01	3.0184e-02	7.7068e-03	1.4550e-01	-1.1482e+00	4.4972e+00
	1979	-5.3472e-01	-3.0184e-02	-7.7068e-03	-1.4550e-01	0.0000e+00	0.0000e+00
495	2048	5.3131e-01	-6.7446e-02	-2.0617e-02	-6.5493e-02	8.6936e-01	-2.1206e+00
	2065	-5.3131e-01	6.7446e-02	2.0617e-02	6.5493e-02	1.1556e+00	-4.5036e+00
496	2031	5.2180e-01	-1.2070e-01	7.1512e-03	2.2533e-02	1.5240e-01	-1.4265e+01
	2048	-5.2180e-01	1.2070e-01	-7.1512e-03	-2.2533e-02	-8.7153e-01	2.1279e+00
497	2014	5.1844e-01	-1.3439e-01	5.1743e-03	2.6539e-02	-3.5628e-01	-2.7471e+01
	2031	-5.1844e-01	1.3439e-01	-5.1743e-03	-2.6539e-02	-1.5175e-01	1.4276e+01
498	1947	4.7009e-01	-2.5662e-01	-1.7231e-02	-6.1038e-02	7.7058e-01	-4.4188e+01
	2014	-4.7009e-01	2.5662e-01	1.7231e-02	6.1038e-02	3.5201e-01	2.7469e+01
499	2005	4.3480e-01	-1.6135e-01	-2.1586e-02	-5.6061e-02	1.6036e+00	-5.0413e+01
	1947	-4.3480e-01	1.6135e-01	2.1586e-02	5.6061e-02	-7.7075e-01	4.4188e+01
500	1983	4.2894e-01	-1.7634e-01	3.4150e-02	-3.7635e-04	-1.8579e+00	-6.8248e+01
	2005	-4.2894e-01	1.7634e-01	-3.4150e-02	3.7635e-04	-1.6045e+00	5.0370e+01
501	1925	4.0902e-01	-2.1859e-01	-4.3777e-02	-1.8725e-01	2.5688e+00	-9.0240e+01
	1983	-4.0902e-01	2.1859e-01	4.3777e-02	1.8725e-01	1.8484e+00	6.8184e+01
502	2125	3.7744e-02	-2.7949e-01	4.1395e-02	9.5787e-02	-1.6013e+00	-1.1837e+02
	1925	-3.7744e-02	2.7949e-01	-4.1395e-02	-9.5787e-02	-2.5738e+00	9.0185e+01
503	2123	9.9723e-03	-2.8185e-01	-2.1850e-02	-6.2742e-02	6.5872e-01	-1.4753e+02
	2125	-9.9723e-03	2.8185e-01	2.1850e-02	6.2742e-02	1.6030e+00	1.1835e+02
504	2122	-3.4177e-02	-2.7911e-01	2.0707e-02	8.9096e-03	-1.3829e+00	-1.7511e+02
	2123	3.4177e-02	2.7911e-01	-2.0707e-02	-8.9096e-03	-6.6154e-01	1.4755e+02
505	2120	-6.4249e-02	-2.7375e-01	-3.1134e-02	-1.4114e-01	1.7584e+00	-2.0272e+02
	2122	6.4249e-02	2.7375e-01	3.1134e-02	1.4114e-01	1.3757e+00	1.7516e+02
506	2119	5.5146e-01	1.1174e+00	-1.5680e-02	-1.5375e-01	1.9901e-01	-1.3711e+02

	1957	-5.5146e-01	-1.1174e+00	1.5680e-02	1.5375e-01	1.1473e+00	2.3306e+02
507	2118	6.2483e-01	1.0781e+00	-1.7618e-02	-1.4012e-01	2.0008e+00	-2.7450e+01
	2119	-6.2483e-01	-1.0781e+00	1.7618e-02	1.4012e-01	-2.0883e-01	1.3711e+02
508	1962	7.0198e-01	1.0296e+00	1.9388e-02	6.5365e-03	1.4895e+00	-1.8331e-02
	2118	-7.0198e-01	-1.0296e+00	-1.9388e-02	-6.5365e-03	-2.0057e+00	2.7433e+01
509	2117	1.0750e-01	-4.2560e-02	5.5491e-03	1.0239e-01	-8.2676e-01	-6.3410e+00
	1978	-1.0750e-01	4.2560e-02	-5.5491e-03	-1.0239e-01	0.0000e+00	0.0000e+00
510	2115	9.7985e-02	-6.1379e-02	-1.4730e-02	-4.9491e-02	6.1515e-01	-1.2359e+01
	2117	-9.7985e-02	6.1379e-02	1.4730e-02	4.9491e-02	8.3161e-01	6.3307e+00
511	2114	9.1294e-02	-7.0950e-02	5.2219e-03	1.2811e-02	9.1883e-02	-1.9494e+01
	2115	-9.1294e-02	7.0950e-02	-5.2219e-03	-1.2811e-02	-6.1700e-01	1.2359e+01
512	2113	8.9394e-02	-7.3329e-02	3.3379e-03	1.5227e-02	-2.3622e-01	-2.6702e+01
	2114	-8.9394e-02	7.3329e-02	-3.3379e-03	-1.5227e-02	-9.1514e-02	1.9502e+01
513	1946	6.8842e-02	-9.2894e-02	-1.1143e-02	-4.2766e-02	4.9318e-01	-3.2763e+01
	2113	-6.8842e-02	9.2894e-02	1.1143e-02	4.2766e-02	2.3281e-01	2.6711e+01
514	2112	1.1995e-01	-2.4429e-01	-1.3998e-02	-3.9578e-02	1.0334e+00	-4.2188e+01
	1946	-1.1995e-01	2.4429e-01	1.3998e-02	3.9578e-02	-4.9330e-01	3.2763e+01
515	2111	1.1140e-01	-2.4830e-01	2.1944e-02	-3.6912e-03	-1.1907e+00	-6.7363e+01
	2112	-1.1140e-01	2.4830e-01	-2.1944e-02	3.6912e-03	-1.0341e+00	4.2188e+01
516	2109	8.5856e-02	-2.5825e-01	-2.8661e-02	-1.2344e-01	1.7076e+00	-9.3415e+01
	2111	-8.5856e-02	2.5825e-01	2.8661e-02	1.2344e-01	1.1843e+00	6.7357e+01
517	2108	7.1005e-02	-2.6542e-01	2.7965e-02	6.4228e-02	-1.1097e+00	-1.2018e+02
	2109	-7.1005e-02	2.6542e-01	-2.7965e-02	-6.4228e-02	-1.7108e+00	9.3410e+01
518	2106	4.4460e-02	-2.7113e-01	-1.6144e-02	-4.5618e-02	5.6048e-01	-1.4824e+02
	2108	-4.4460e-02	2.7113e-01	1.6144e-02	4.5618e-02	1.1106e+00	1.2018e+02
519	2105	-3.2670e-02	-2.6680e-01	1.6478e-02	1.5099e-02	-1.0648e+00	-1.7459e+02
	2106	3.2670e-02	2.6680e-01	-1.6478e-02	-1.5099e-02	-5.6208e-01	1.4824e+02
520	2103	-6.1416e-02	-2.6169e-01	-2.2729e-02	-1.0048e-01	1.2278e+00	-2.0093e+02
	2105	6.1416e-02	2.6169e-01	2.2729e-02	1.0048e-01	1.0602e+00	1.7459e+02
521	2102	5.4394e-01	1.1022e+00	-1.2778e-02	-1.1556e-01	2.6055e-01	-1.3519e+02
	1956	-5.4394e-01	-1.1022e+00	1.2778e-02	1.1556e-01	8.3663e-01	2.2983e+02
522	2101	6.1631e-01	1.0634e+00	-1.1089e-02	-9.7906e-02	1.3955e+00	-2.7034e+01
	2102	-6.1631e-01	-1.0634e+00	1.1089e-02	9.7906e-02	-2.6768e-01	1.3520e+02
523	1963	6.9241e-01	1.0155e+00	1.3525e-02	4.3838e-03	1.0388e+00	3.2212e-03
	2101	-6.9241e-01	-1.0155e+00	-1.3525e-02	-4.3838e-03	-1.3990e+00	2.7037e+01
524	2100	3.6935e-02	-5.7568e-02	2.7377e-03	4.6648e-02	-4.0789e-01	-8.5772e+00
	1977	-3.6935e-02	5.7568e-02	-2.7377e-03	-4.6648e-02	0.0000e+00	0.0000e+00
525	2099	2.3232e-02	-7.1871e-02	4.1552e-04	2.9667e-04	-6.1908e-02	-1.0708e+01
	1976	-2.3232e-02	7.1871e-02	-4.1552e-04	-2.9667e-04	0.0000e+00	0.0000e+00
526	2096	2.5864e-02	-6.3320e-02	-7.3650e-03	-2.8219e-02	3.1377e-01	-1.4799e+01
	2100	-2.5864e-02	6.3320e-02	7.3650e-03	2.8219e-02	4.0958e-01	8.5797e+00
527	2095	9.7909e-03	-7.4896e-02	-1.6661e-03	-1.0953e-02	1.0270e-01	-1.8055e+01
	2099	-9.7909e-03	7.4896e-02	1.6661e-03	1.0953e-02	6.0932e-02	1.0699e+01
528	2094	1.9345e-02	-6.5606e-02	3.3291e-03	3.5754e-03	-1.9754e-02	-2.1398e+01
	2096	-1.9345e-02	6.5606e-02	-3.3291e-03	-3.5754e-03	-3.1502e-01	1.4800e+01
529	2093	2.1863e-03	-7.5501e-02	2.2261e-03	-5.3825e-04	-1.2058e-01	-2.5644e+01
	2095	-2.1863e-03	7.5501e-02	-2.2261e-03	5.3825e-04	-1.0328e-01	1.8051e+01
530	2092	1.7610e-02	-6.6092e-02	6.2985e-04	3.0540e-03	-8.1682e-02	-2.7887e+01
	2094	-1.7610e-02	6.6092e-02	-6.2985e-04	-3.0540e-03	1.9841e-02	2.1398e+01
531	2091	1.9734e-04	-7.5533e-02	-1.5259e-03	-3.7132e-03	2.9301e-02	-3.3063e+01
	2093	-1.9734e-04	7.5533e-02	1.5259e-03	3.7132e-03	1.2052e-01	2.5647e+01
532	1945	9.8225e-04	-6.8391e-02	-3.7379e-03	-1.6933e-02	1.6356e-01	-3.2339e+01
	2092	-9.8225e-04	6.8391e-02	3.7379e-03	1.6933e-02	7.9966e-02	2.7883e+01
533	1944	-1.8206e-02	-7.3306e-02	1.2371e-03	3.5352e-03	-5.1274e-02	-3.7850e+01
	2091	1.8206e-02	7.3306e-02	-1.2371e-03	-3.5352e-03	-2.9323e-02	3.3074e+01

534	2090	6.3281e-02	-2.5158e-01	-4.8898e-03	-1.5872e-02	3.5226e-01	-4.2045e+01
	1945	-6.3281e-02	2.5158e-01	4.8898e-03	1.5872e-02	-1.6361e-01	3.2339e+01
535	2089	3.3563e-02	-2.2572e-01	1.4183e-03	3.2065e-03	-1.0601e-01	-4.6558e+01
	1944	-3.3563e-02	2.2572e-01	-1.4183e-03	-3.2065e-03	5.1288e-02	3.7850e+01
536	2088	5.4512e-02	-2.5362e-01	7.8019e-03	-3.6378e-03	-4.3841e-01	-6.7751e+01
	2090	-5.4512e-02	2.5362e-01	-7.8019e-03	3.6378e-03	-3.5260e-01	4.2037e+01
537	2087	2.5710e-02	-2.2674e-01	-5.6538e-04	-4.7443e-04	-4.8733e-02	-6.9570e+01
	2089	-2.5710e-02	2.2674e-01	5.6538e-04	4.7443e-04	1.0606e-01	4.6581e+01
538	2084	2.8724e-02	-2.5782e-01	-1.1162e-02	-4.7717e-02	6.9045e-01	-9.3754e+01
	2088	-2.8724e-02	2.5782e-01	1.1162e-02	4.7717e-02	4.3582e-01	6.7739e+01
539	2083	2.7722e-03	-2.2818e-01	-2.2823e-03	-5.3739e-03	1.8185e-01	-9.2622e+01
	2087	-2.7722e-03	2.2818e-01	2.2823e-03	5.3739e-03	4.8438e-02	6.9598e+01
540	2082	4.8573e-02	-2.5699e-01	1.1613e-02	2.8033e-02	-4.7982e-01	-1.1966e+02
	2084	-4.8573e-02	2.5699e-01	-1.1613e-02	-2.8033e-02	-6.9149e-01	9.3741e+01
541	2081	4.4069e-03	-2.2576e-01	3.2945e-03	1.4115e-02	-1.5096e-01	-1.1542e+02
	2083	-4.4069e-03	2.2576e-01	-3.2945e-03	-1.4115e-02	-1.8132e-01	9.2651e+01
542	2078	2.2969e-02	-2.6053e-01	-8.5244e-03	-1.9465e-02	4.0212e-01	-1.4662e+02
	2082	-2.2969e-02	2.6053e-01	8.5244e-03	1.9465e-02	4.8024e-01	1.1965e+02
543	2077	-1.7899e-02	-2.2510e-01	-4.5231e-03	-8.5499e-04	3.1658e-01	-1.3874e+02
	2081	1.7899e-02	2.2510e-01	4.5231e-03	8.5499e-04	1.5162e-01	1.1544e+02
544	2076	-3.1510e-02	-2.5733e-01	1.0593e-02	2.4253e-02	-6.4407e-01	-1.7202e+02
	2078	3.1510e-02	2.5733e-01	-1.0593e-02	-2.4253e-02	-4.0181e-01	1.4662e+02
545	2075	-2.7448e-02	-2.2416e-01	6.8958e-03	3.3641e-02	-3.6608e-01	-1.6089e+02
	2077	2.7448e-02	2.2416e-01	-6.8958e-03	-3.3641e-02	-3.1475e-01	1.3876e+02
546	2072	-5.9236e-02	-2.5240e-01	-1.2426e-02	-4.5750e-02	6.0791e-01	-1.9743e+02
	2076	5.9236e-02	2.5240e-01	1.2426e-02	4.5750e-02	6.4290e-01	1.7203e+02
547	2071	-5.1600e-02	-2.1986e-01	-5.8307e-03	-6.2653e-03	2.1936e-01	-1.8301e+02
	2075	5.1600e-02	2.1986e-01	5.8307e-03	6.2653e-03	3.6757e-01	1.6088e+02
548	2070	5.3358e-01	1.0812e+00	-1.0117e-02	-6.4239e-02	3.9351e-01	-1.3250e+02
	1955	-5.3358e-01	-1.0812e+00	1.0117e-02	6.4239e-02	4.7518e-01	2.2534e+02
549	2069	4.8966e-01	9.9221e-01	-9.2392e-03	-2.7850e-02	5.4447e-01	-1.2200e+02
	1954	-4.8966e-01	-9.9221e-01	9.2392e-03	2.7850e-02	2.4887e-01	2.0720e+02
550	2068	6.0456e-01	1.0432e+00	-9.9823e-04	-3.7827e-02	4.9845e-01	-2.6441e+01
	2070	-6.0456e-01	-1.0432e+00	9.9823e-04	3.7827e-02	-3.9692e-01	1.3254e+02
551	2067	5.5480e-01	9.5731e-01	7.4863e-03	8.5576e-03	-2.1632e-01	-2.4545e+01
	2069	-5.5480e-01	-9.5731e-01	-7.4863e-03	-8.5576e-03	-5.4511e-01	1.2191e+02
552	1964	6.7921e-01	9.9617e-01	4.8735e-03	-1.2841e-03	3.7012e-01	4.1912e-02
	2068	-6.7921e-01	-9.9617e-01	-4.8735e-03	1.2841e-03	-4.9988e-01	2.6483e+01
553	1965	6.2331e-01	9.1418e-01	-1.9978e-03	-7.2805e-03	-1.6317e-01	-1.0183e-01
	2067	-6.2331e-01	-9.1418e-01	1.9978e-03	7.2805e-03	2.1637e-01	2.4444e+01
554	2066	1.7010e-02	-6.0895e-02	-1.8503e-03	-4.5981e-02	2.7568e-01	-9.0728e+00
	1975	-1.7010e-02	6.0895e-02	1.8503e-03	4.5981e-02	0.0000e+00	0.0000e+00
555	2064	5.6656e-03	-6.2972e-02	3.8029e-03	4.8578e-03	-9.4062e-02	-1.5259e+01
	2066	-5.6656e-03	6.2972e-02	-3.8029e-03	-4.8578e-03	-2.7944e-01	9.0739e+00
556	2063	-7.1520e-04	-6.3222e-02	1.4267e-03	-4.6549e-03	-2.3755e-01	-2.1618e+01
	2064	7.1520e-04	6.3222e-02	-1.4267e-03	4.6549e-03	9.4072e-02	1.5260e+01
557	2062	-2.3798e-03	-6.3181e-02	-3.8991e-03	-1.0909e-02	1.4549e-01	-2.7822e+01
	2063	2.3798e-03	6.3181e-02	3.8991e-03	1.0909e-02	2.3734e-01	2.1618e+01
558	1943	-1.7697e-02	-6.0699e-02	6.1919e-03	2.4855e-02	-2.5964e-01	-3.1774e+01
	2062	1.7697e-02	6.0699e-02	-6.1919e-03	-2.4855e-02	-1.4376e-01	2.7819e+01
559	2061	4.8672e-02	-2.5551e-01	7.7020e-03	2.3178e-02	-5.5687e-01	-4.1631e+01
	1943	-4.8672e-02	2.5551e-01	-7.7020e-03	-2.3178e-02	2.5972e-01	3.1774e+01
560	2060	3.9775e-02	-2.5704e-01	-8.1896e-03	3.8381e-03	2.7298e-01	-6.7684e+01
	2061	-3.9775e-02	2.5704e-01	8.1896e-03	-3.8381e-03	5.5734e-01	4.1623e+01
561	2058	1.3719e-02	-2.5974e-01	4.7200e-03	3.1276e-02	-2.0505e-01	-9.3880e+01

	2060	-1.3719e-02	2.5974e-01	-4.7200e-03	-3.1276e-02	-2.7121e-01	6.7672e+01
562	2057	-2.9531e-02	-2.6041e-01	-2.5688e-03	7.9779e-03	5.1817e-02	-1.2013e+02
	2058	2.9531e-02	2.6041e-01	2.5688e-03	-7.9779e-03	2.0727e-01	9.3867e+01
563	2055	-5.5091e-02	-2.5622e-01	-2.8514e-03	1.3054e-02	3.4593e-01	-1.4664e+02
	2057	5.5091e-02	2.5622e-01	2.8514e-03	-1.3054e-02	-5.0777e-02	1.2012e+02
564	2054	-3.1450e-02	-2.5684e-01	5.2847e-03	5.0459e-02	-1.7929e-01	-1.7200e+02
	2055	3.1450e-02	2.5684e-01	-5.2847e-03	-5.0459e-02	-3.4248e-01	1.4664e+02
565	2052	-5.9122e-02	-2.5191e-01	-8.7554e-04	3.0714e-02	-9.5576e-02	-1.9736e+02
	2054	5.9122e-02	2.5191e-01	8.7554e-04	-3.0714e-02	1.8371e-01	1.7200e+02
566	2051	5.3328e-01	1.0806e+00	-9.7124e-03	5.1179e-03	7.6561e-01	-1.3243e+02
	1953	-5.3328e-01	-1.0806e+00	9.7124e-03	-5.1179e-03	6.8356e-02	2.2522e+02
567	2050	6.0423e-01	1.0426e+00	1.7054e-02	5.6215e-02	-9.7104e-01	-2.6427e+01
	2051	-6.0423e-01	-1.0426e+00	-1.7054e-02	-5.6215e-02	-7.6357e-01	1.3247e+02
568	1966	6.7883e-01	9.9562e-01	-9.2334e-03	-1.4928e-02	-7.2669e-01	4.1888e-02
	2050	-6.7883e-01	-9.9562e-01	9.2334e-03	1.4928e-02	9.7255e-01	2.6469e+01
569	2049	1.2869e-01	-3.8894e-02	-4.4753e-03	-1.0207e-01	6.6678e-01	-5.7948e+00
	1974	-1.2869e-01	3.8894e-02	4.4753e-03	1.0207e-01	0.0000e+00	0.0000e+00
570	2047	1.1949e-01	-6.1623e-02	1.0330e-02	2.0747e-02	-3.4031e-01	-1.1841e+01
	2049	-1.1949e-01	6.1623e-02	-1.0330e-02	-2.0747e-02	-6.7422e-01	5.7887e+00
571	2046	1.1266e-01	-7.3361e-02	7.1136e-04	-1.3685e-02	-4.1220e-01	-1.9219e+01
	2047	-1.1266e-01	7.3361e-02	-7.1136e-04	1.3685e-02	3.4066e-01	1.1842e+01
572	2045	1.1069e-01	-7.6302e-02	-7.4459e-03	-2.4535e-02	3.1937e-01	-2.6717e+01
	2046	-1.1069e-01	7.6302e-02	7.4459e-03	2.4535e-02	4.1170e-01	1.9225e+01
573	1942	8.8772e-02	-1.0096e-01	1.3484e-02	5.3992e-02	-5.6275e-01	-3.3301e+01
	2045	-8.8772e-02	1.0096e-01	-1.3484e-02	-5.3992e-02	-3.1573e-01	2.6723e+01
574	2044	1.3558e-01	-2.4009e-01	1.6679e-02	5.0353e-02	-1.2064e+00	-4.2564e+01
	1942	-1.3558e-01	2.4009e-01	-1.6679e-02	-5.0353e-02	5.6292e-01	3.3301e+01
575	2043	1.2717e-01	-2.4465e-01	-1.9518e-02	8.4550e-03	7.7141e-01	-6.7368e+01
	2044	-1.2717e-01	2.4465e-01	1.9518e-02	-8.4550e-03	1.2074e+00	4.2563e+01
576	2041	1.0191e-01	-2.5620e-01	1.5190e-02	8.6004e-02	-7.6609e-01	-9.3214e+01
	2043	-1.0191e-01	2.5620e-01	-1.5190e-02	-8.6004e-02	-7.6665e-01	6.7363e+01
577	2040	2.1806e-02	-2.6842e-01	-9.3823e-03	8.8437e-04	1.7537e-01	-1.2028e+02
	2041	-2.1806e-02	2.6842e-01	9.3823e-03	-8.8437e-04	7.7093e-01	9.3208e+01
578	2038	-4.7949e-03	-2.6926e-01	-4.8817e-03	1.8190e-02	6.7973e-01	-1.4815e+02
	2040	4.7949e-03	2.6926e-01	4.8817e-03	-1.8190e-02	-1.7442e-01	1.2028e+02
579	2037	-3.2735e-02	-2.6734e-01	8.3257e-03	9.1626e-02	-1.4826e-01	-1.7455e+02
	2038	3.2735e-02	2.6734e-01	-8.3257e-03	-9.1626e-02	-6.7376e-01	1.4815e+02
580	2035	-6.1538e-02	-2.6221e-01	2.5369e-03	7.5005e-02	-4.1269e-01	-2.0094e+02
	2037	6.1538e-02	2.6221e-01	-2.5369e-03	-7.5005e-02	1.5732e-01	1.7455e+02
581	2034	5.4411e-01	1.1025e+00	-1.2467e-02	4.2769e-02	1.1782e+00	-1.3523e+02
	1952	-5.4411e-01	-1.1025e+00	1.2467e-02	-4.2769e-02	-1.0769e-01	2.2990e+02
582	2033	6.1649e-01	1.0637e+00	3.1455e-02	1.2132e-01	-2.0266e+00	-2.7042e+01
	2034	-6.1649e-01	-1.0637e+00	-3.1455e-02	-1.2132e-01	-1.1727e+00	1.3524e+02
583	1967	6.9261e-01	1.0158e+00	-1.9330e-02	-2.7166e-02	-1.5153e+00	3.2685e-03
	2033	-6.9261e-01	-1.0158e+00	1.9330e-02	2.7166e-02	2.0301e+00	2.7045e+01
584	2032	4.6477e-01	1.7918e-02	-6.3882e-03	-1.4506e-01	9.5178e-01	2.6697e+00
	1973	-4.6477e-01	-1.7918e-02	6.3882e-03	1.4506e-01	0.0000e+00	0.0000e+00
585	2030	4.6029e-01	-6.6801e-02	1.5181e-02	3.0234e-02	-5.2873e-01	-3.8784e+00
	2032	-4.6029e-01	6.6801e-02	-1.5181e-02	-3.0234e-02	-9.6230e-01	-2.6826e+00
586	2029	4.5121e-01	-1.1289e-01	1.7407e-04	-2.3253e-02	-5.4659e-01	-1.5237e+01
	2030	-4.5121e-01	1.1289e-01	-1.7407e-04	2.3253e-02	5.2908e-01	3.8847e+00
587	2028	4.4808e-01	-1.2473e-01	-1.0271e-02	-3.7638e-02	4.6269e-01	-2.7498e+01
	2029	-4.4808e-01	1.2473e-01	1.0271e-02	3.7638e-02	5.4579e-01	1.5251e+01
588	1941	4.0420e-01	-2.3011e-01	1.9630e-02	7.6191e-02	-8.2094e-01	-4.2493e+01
	2028	-4.0420e-01	2.3011e-01	-1.9630e-02	-7.6191e-02	-4.5792e-01	2.7501e+01

589	2027	3.8305e-01	-1.7521e-01	2.4303e-02	7.0883e-02	-1.7588e+00	-4.9252e+01
	1941	-3.8305e-01	1.7521e-01	-2.4303e-02	-7.0883e-02	8.2117e-01	4.2493e+01
590	2026	3.7674e-01	-1.8840e-01	-3.0234e-02	9.8023e-03	1.3051e+00	-6.8310e+01
	2027	-3.7674e-01	1.8840e-01	3.0234e-02	-9.8023e-03	1.7602e+00	4.9209e+01
591	2024	3.5588e-01	-2.2534e-01	2.6586e-02	1.4103e-01	-1.3851e+00	-9.0982e+01
	2026	-3.5588e-01	2.2534e-01	-2.6586e-02	-1.4103e-01	-1.2975e+00	6.8245e+01
592	2023	3.2807e-01	-2.6312e-01	-1.7612e-02	-1.2739e-02	3.8412e-01	-1.1746e+02
	2024	-3.2807e-01	2.6312e-01	1.7612e-02	1.2739e-02	1.3922e+00	9.0927e+01
593	2021	3.0050e-01	-2.9422e-01	-4.8824e-03	2.5238e-02	8.8889e-01	-1.4790e+02
	2023	-3.0050e-01	2.9422e-01	4.8824e-03	-2.5238e-02	-3.8350e-01	1.1744e+02
594	2020	-3.3956e-02	-2.7731e-01	1.0355e-02	1.2061e-01	-1.4139e-01	-1.7530e+02
	2021	3.3956e-02	2.7731e-01	-1.0355e-02	-1.2061e-01	-8.8102e-01	1.4792e+02
595	2018	-6.3834e-02	-2.7199e-01	4.3818e-03	1.0456e-01	-5.9473e-01	-2.0274e+02
	2020	6.3834e-02	2.7199e-01	-4.3818e-03	-1.0456e-01	1.5364e-01	1.7536e+02
596	2017	5.5106e-01	1.1166e+00	-1.6099e-02	6.4319e-02	1.5762e+00	-1.3700e+02
	1951	-5.5106e-01	-1.1166e+00	1.6099e-02	-6.4319e-02	-1.9376e-01	2.3288e+02
597	2016	6.2437e-01	1.0773e+00	4.3157e-02	1.6939e-01	-2.8211e+00	-2.7426e+01
	2017	-6.2437e-01	-1.0773e+00	-4.3157e-02	-1.6939e-01	-1.5683e+00	1.3700e+02
598	1968	7.0146e-01	1.0288e+00	-2.6916e-02	-3.7315e-02	-2.1093e+00	-1.5406e-02
	2016	-7.0146e-01	-1.0288e+00	2.6916e-02	3.7315e-02	2.8260e+00	2.7410e+01
599	2015	2.5048e+00	3.0627e-01	-9.4672e-03	-2.2043e-01	1.4105e+00	4.5632e+01
	1972	-2.5048e+00	-3.0627e-01	9.4672e-03	2.2043e-01	0.0000e+00	0.0000e+00
600	2013	2.5187e+00	-1.5379e-01	2.3529e-02	3.9447e-02	-8.8385e-01	3.0513e+01
	2015	-2.5187e+00	1.5379e-01	-2.3529e-02	-3.9447e-02	-1.4271e+00	-4.5618e+01
601	2012	2.4904e+00	-4.0707e-01	-7.2318e-04	-4.9908e-02	-8.1060e-01	-1.0318e+01
	2013	-2.4904e+00	4.0707e-01	7.2318e-04	4.9908e-02	8.8332e-01	-3.0618e+01
602	2011	2.7722e+00	-4.9493e-01	-1.6107e-02	-7.1328e-02	7.7239e-01	-5.8739e+01
	2012	-2.7722e+00	4.9493e-01	1.6107e-02	7.1328e-02	8.0900e-01	1.0144e+01
603	1940	2.5682e+00	-1.1552e+00	3.3665e-02	1.1895e-01	-1.4268e+00	-1.3385e+02
	2011	-2.5682e+00	1.1552e+00	-3.3665e-02	-1.1895e-01	-7.6651e-01	5.8589e+01
604	2010	1.9835e+00	5.1403e-01	3.7886e-02	1.0973e-01	-2.8888e+00	-1.1402e+02
	1940	-1.9835e+00	-5.1403e-01	-3.7886e-02	-1.0973e-01	1.4271e+00	1.3385e+02
605	2009	2.2503e+00	4.0465e-01	-5.2713e-02	9.3499e-03	2.4535e+00	-7.3031e+01
	2010	-2.2503e+00	-4.0465e-01	5.2713e-02	-9.3499e-03	2.8909e+00	1.1406e+02
606	2007	2.2796e+00	1.7625e-01	5.1916e-02	2.5609e-01	-2.7983e+00	-5.5387e+01
	2009	-2.2796e+00	-1.7625e-01	-5.1916e-02	-2.5609e-01	-2.4401e+00	7.3171e+01
607	2006	2.4706e+00	-4.0742e-02	-4.5685e-02	-5.2900e-02	1.7982e+00	-5.9613e+01
	2007	-2.4706e+00	4.0742e-02	4.5685e-02	5.2900e-02	2.8095e+00	5.5504e+01
608	2004	2.4545e+00	-2.8441e-01	2.1397e-02	1.2486e-01	-4.2011e-01	-8.9075e+01
	2006	-2.4545e+00	2.8441e-01	-2.1397e-02	-1.2486e-01	-1.7947e+00	5.9636e+01
609	2003	2.1655e+00	-5.0728e-01	-1.3113e-02	7.9528e-02	8.6357e-01	-1.3907e+02
	2004	-2.1655e+00	5.0728e-01	1.3113e-02	-7.9528e-02	4.3113e-01	8.8987e+01
610	2001	2.0977e+00	-7.3916e-01	1.8977e-02	1.7273e-01	-1.0604e+00	-2.1332e+02
	2003	-2.0977e+00	7.3916e-01	-1.8977e-02	-1.7273e-01	-8.4985e-01	1.3892e+02
611	2000	2.4810e+00	1.4990e+00	-2.6035e-02	9.4769e-02	2.4915e+00	-1.7983e+02
	1950	-2.4810e+00	-1.4990e+00	2.6035e-02	-9.4769e-02	-2.5600e-01	3.0855e+02
612	1999	1.6402e+00	1.4633e+00	6.7037e-02	2.6174e-01	-4.3389e+00	-3.1271e+01
	2000	-1.6402e+00	-1.4633e+00	-6.7037e-02	-2.6174e-01	-2.4795e+00	1.8010e+02
613	1969	1.7428e+00	1.3395e+00	-4.1427e-02	-5.6169e-02	-3.2433e+00	4.0381e+00
	1999	-1.7428e+00	-1.3395e+00	4.1427e-02	5.6169e-02	4.3464e+00	3.1628e+01
614	1982	-2.7753e+00	-4.7961e-01	-2.0823e-02	-3.7300e-01	3.1024e+00	-7.1457e+01
	1971	2.7753e+00	4.7961e-01	2.0823e-02	3.7300e-01	0.0000e+00	0.0000e+00
615	1984	-3.1102e+00	1.7446e-02	5.4394e-02	1.9683e-01	-2.2238e+00	-6.9752e+01
	1982	3.1102e+00	-1.7446e-02	-5.4394e-02	-1.9683e-01	-3.1186e+00	7.1466e+01
616	1985	-3.0925e+00	3.3108e-01	-2.6226e-02	-2.8491e-02	4.0501e-01	-3.6557e+01

	1984	3.0925e+00	-3.3108e-01	2.6226e-02	2.8491e-02	2.2323e+00	6.9850e+01
617	1986	-3.3341e+00	3.8015e-01	3.8583e-05	-1.7751e-02	4.0184e-01	6.1664e-01
	1985	3.3341e+00	-3.8015e-01	-3.8583e-05	1.7751e-02	-4.0563e-01	3.6708e+01
618	1938	-3.1411e+00	1.1808e+00	2.9286e-02	8.0658e-02	-1.5139e+00	7.7405e+01
	1986	3.1411e+00	-1.1808e+00	-2.9286e-02	-8.0658e-02	-3.9407e-01	-4.7897e-01
619	1998	-2.3974e+00	-9.4874e-01	3.9743e-02	7.0900e-02	-3.0473e+00	4.0802e+01
	1938	2.3974e+00	9.4874e-01	-3.9743e-02	-7.0900e-02	1.5140e+00	-7.7405e+01
620	1997	-2.3083e+00	-8.5890e-01	-5.8417e-02	-3.5223e-02	2.8747e+00	-4.6284e+01
	1998	2.3083e+00	8.5890e-01	5.8417e-02	3.5223e-02	3.0480e+00	-4.0798e+01
621	1995	-2.3830e+00	-6.2237e-01	6.4275e-02	2.5411e-01	-3.6218e+00	-1.0901e+02
	1997	2.3830e+00	6.2237e-01	-6.4275e-02	-2.5411e-01	-2.8637e+00	4.6212e+01
622	1994	-2.1898e+00	-3.4437e-01	-7.1250e-02	-1.4580e-01	3.5584e+00	-1.4368e+02
	1995	2.1898e+00	3.4437e-01	7.1250e-02	1.4580e-01	3.6278e+00	1.0895e+02
623	1992	-2.2131e+00	-1.2653e-01	6.6576e-02	2.0615e-01	-3.3359e+00	-1.5678e+02
	1994	2.2131e+00	1.2653e-01	-6.6576e-02	-2.0615e-01	-3.5554e+00	1.4368e+02
624	1991	-1.5550e+00	1.4751e-01	-7.8155e-02	-1.5291e-01	4.3776e+00	-1.4227e+02
	1992	1.5550e+00	-1.4751e-01	7.8155e-02	1.5291e-01	3.3388e+00	1.5684e+02
625	1989	-1.5299e+00	3.1531e-01	9.8015e-02	3.2282e-01	-5.4981e+00	-1.1063e+02
	1991	1.5299e+00	-3.1531e-01	-9.8015e-02	-3.2282e-01	-4.3684e+00	1.4237e+02
626	1988	-6.7087e-01	1.8929e-01	5.7668e-02	3.1617e-01	-1.7202e+00	-3.5863e+01
	1939	6.7087e-01	-1.8929e-01	-5.7668e-02	-3.1617e-01	-3.2315e+00	5.2117e+01
627	1987	1.5922e-01	2.7473e-01	4.3055e-03	1.9977e-01	-2.1755e+00	-7.6558e+00
	1988	-1.5922e-01	-2.7473e-01	-4.3055e-03	-1.9977e-01	1.7376e+00	3.5598e+01
628	1970	1.7888e-01	2.6235e-01	-2.1788e-02	4.0189e-02	-1.6041e+00	-3.3541e-01
	1987	-1.7888e-01	-2.6235e-01	2.1788e-02	-4.0189e-02	2.1843e+00	7.3211e+00
629	1910	0.0000e+00	2.0942e+01	0.0000e+00	7.7012e-04	0.0000e+00	2.3558e+03
	28	0.0000e+00	-2.0942e+01	0.0000e+00	-7.7012e-04	0.0000e+00	1.5604e+03
630	1905	0.0000e+00	1.1831e+01	0.0000e+00	4.1176e+02	0.0000e+00	1.1749e+03
	33	0.0000e+00	-1.1831e+01	0.0000e+00	-4.1176e+02	0.0000e+00	1.0376e+03
631	1915	0.0000e+00	1.1827e+01	0.0000e+00	-4.1183e+02	0.0000e+00	1.1745e+03
	23	0.0000e+00	-1.1827e+01	0.0000e+00	4.1183e+02	0.0000e+00	1.0371e+03
632	1894	-1.8288e+00	-2.0835e+00	-1.5688e-02	2.9814e-01	2.1699e+00	-2.5627e+02
	1981	1.8288e+00	2.0835e+00	1.5688e-02	-2.9814e-01	-2.4031e-01	0.0000e+00
633	1895	1.6972e+00	1.7385e+00	-1.1373e-02	1.7095e-01	1.5367e+00	2.1384e+02
	1980	-1.6972e+00	-1.7385e+00	1.1373e-02	-1.7095e-01	-1.3779e-01	9.0949e-13
634	1896	3.9738e-01	3.5907e-01	-7.7068e-03	1.1328e-01	1.0392e+00	4.4165e+01
	1979	-3.9738e-01	-3.5907e-01	7.7068e-03	-1.1328e-01	-9.1307e-02	-1.8190e-12
635	1897	1.1041e-01	3.4329e-02	-5.5491e-03	7.9716e-02	7.4679e-01	4.2225e+00
	1978	-1.1041e-01	-3.4329e-02	5.5491e-03	-7.9716e-02	-6.4254e-02	-1.8190e-12
636	1898	6.4884e-02	-2.1642e-02	-2.7377e-03	3.6319e-02	3.6601e-01	-2.6620e+00
	1977	-6.4884e-02	2.1642e-02	2.7377e-03	-3.6319e-02	-2.9274e-02	-9.0949e-13
637	1899	6.3191e-02	-4.1377e-02	-4.1552e-04	2.3098e-04	5.1295e-02	-5.0894e+00
	1976	-6.3191e-02	4.1377e-02	4.1552e-04	-2.3098e-04	-1.8618e-04	0.0000e+00
638	1900	5.1458e-02	-3.6737e-02	1.8503e-03	-3.5800e-02	-2.5644e-01	-4.5186e+00
	1975	-5.1458e-02	3.6737e-02	-1.8503e-03	3.5800e-02	2.8856e-02	9.0949e-13
639	1901	1.2460e-01	5.0479e-02	4.4753e-03	-7.9465e-02	-6.1451e-01	6.2090e+00
	1974	-1.2460e-01	-5.0479e-02	-4.4753e-03	7.9465e-02	6.4052e-02	0.0000e+00
640	1902	3.5061e-01	3.0562e-01	6.3882e-03	-1.1294e-01	-8.7678e-01	3.7591e+01
	1973	-3.5061e-01	-3.0562e-01	-6.3882e-03	1.1294e-01	9.1035e-02	1.8190e-12
641	1903	1.7579e+00	1.8103e+00	9.4672e-03	-1.7162e-01	-1.3028e+00	2.2267e+02
	1972	-1.7579e+00	-1.8103e+00	-9.4672e-03	1.7162e-01	1.3833e-01	2.7285e-12
642	1904	-1.8598e+00	-2.1151e+00	2.0823e-02	-2.9040e-01	-2.7953e+00	-2.6015e+02
	1971	1.8598e+00	2.1151e+00	-2.0823e-02	2.9040e-01	2.3408e-01	0.0000e+00
2422	55	3.2526e-19	-1.9008e+00	8.3213e-18	-6.1278e+00	-8.1671e-15	-3.3303e+02
	56	-3.2526e-19	1.9008e+00	-8.3213e-18	6.1278e+00	1.0172e-14	-4.2727e+02

2423	54	1.0842e-19	2.6146e-01	-4.8328e-17	-2.1432e-01	-7.5009e-15	3.9842e+01
	55	-1.0842e-19	-2.6146e-01	4.8328e-17	2.1432e-01	6.5885e-15	7.5202e+01
2424	53	-6.5052e-19	-5.7217e-02	1.0208e-16	-4.1541e-01	-2.4085e-14	-5.8442e+00
	54	6.5052e-19	5.7217e-02	-1.0208e-16	4.1541e-01	-2.2257e-14	-1.0177e+01
2425	52	-4.3368e-19	-7.8805e-03	-1.1201e-17	-9.3784e-01	-3.2543e-15	-1.5899e+00
	53	4.3368e-19	7.8805e-03	1.1201e-17	9.3784e-01	1.0829e-14	-1.8775e+00
2426	51	0.0000e+00	5.4438e-03	-8.0299e-17	-2.3157e+00	2.3020e-15	8.9164e-01
	52	0.0000e+00	-5.4438e-03	8.0299e-17	2.3157e+00	-1.3288e-14	1.0137e+00
2427	50	6.5052e-19	-5.3955e-03	8.0160e-17	2.3146e+00	1.3299e-14	-1.0053e+00
	51	-6.5052e-19	5.3955e-03	-8.0160e-17	-2.3146e+00	-2.2838e-15	-8.8318e-01
2428	49	1.0842e-19	7.9142e-03	1.1167e-17	9.3805e-01	-1.0828e-14	1.8850e+00
	50	-1.0842e-19	-7.9142e-03	-1.1167e-17	-9.3805e-01	3.2543e-15	1.5972e+00
2429	48	-6.5052e-19	5.7269e-02	-1.0202e-16	4.1163e-01	2.2236e-14	1.0183e+01
	49	6.5052e-19	-5.7269e-02	1.0202e-16	-4.1163e-01	2.4071e-14	5.8520e+00
2430	47	-3.2526e-19	-2.6142e-01	4.8748e-17	2.1554e-01	-6.6509e-15	-7.5193e+01
	48	3.2526e-19	2.6142e-01	-4.8748e-17	-2.1554e-01	7.4350e-15	-3.9834e+01
2431	35	6.5052e-19	1.9008e+00	-8.2670e-18	6.1212e+00	-1.0179e-14	4.2728e+02
	47	-6.5052e-19	-1.9008e+00	8.2670e-18	-6.1212e+00	8.1601e-15	3.3304e+02
2432	45	0.0000e+00	-1.1354e+00	8.2670e-18	2.0720e-01	-8.1567e-15	-1.9611e+02
	46	0.0000e+00	1.1354e+00	-8.2670e-18	-2.0720e-01	1.0183e-14	-2.5804e+02
2433	44	-8.6736e-19	2.0057e-01	-4.8288e-17	-5.7875e-01	-7.5079e-15	3.1807e+01
	45	8.6736e-19	-2.0057e-01	4.8288e-17	5.7875e-01	6.5781e-15	5.6444e+01
2434	43	8.6736e-19	-4.0953e-03	1.0097e-16	1.8789e-01	-2.3981e-14	1.8346e+00
	44	-8.6736e-19	4.0953e-03	-1.0097e-16	-1.8789e-01	-2.2156e-14	-2.9812e+00
2435	42	0.0000e+00	2.0871e-03	-1.1228e-17	2.2941e-01	-3.2491e-15	3.4417e-01
	43	0.0000e+00	-2.0871e-03	1.1228e-17	-2.2941e-01	1.0834e-14	5.7414e-01
2436	65	0.0000e+00	-1.2361e+00	8.2670e-18	-1.0186e+01	-8.1567e-15	-2.1462e+02
	66	0.0000e+00	1.2361e+00	-8.2670e-18	1.0186e+01	1.0183e-14	-2.7983e+02
2437	64	-8.6736e-19	2.0583e-01	-4.8288e-17	8.1280e-02	-7.5079e-15	3.2139e+01
	65	8.6736e-19	-2.0583e-01	4.8288e-17	-8.1280e-02	6.5815e-15	5.8428e+01
2438	63	0.0000e+00	-1.5723e-03	1.0213e-16	-5.8248e-01	-2.4092e-14	1.9636e+00
	64	0.0000e+00	1.5723e-03	-1.0213e-16	5.8248e-01	-2.2263e-14	-2.4038e+00
2439	62	0.0000e+00	1.5427e-02	-1.1242e-17	-4.6204e-01	-3.2474e-15	3.1383e+00
	63	0.0000e+00	-1.5427e-02	1.1242e-17	4.6204e-01	1.0838e-14	3.6498e+00
2440	61	-2.6021e-18	8.2456e-02	-8.0221e-17	4.7063e-01	2.2890e-15	1.4864e+01
	62	2.6021e-18	-8.2456e-02	8.0221e-17	-4.7063e-01	-1.3299e-14	1.3995e+01
2441	41	-8.6736e-19	-9.1743e-03	-8.0305e-17	4.9320e-01	2.3063e-15	-1.5364e+00
	42	8.6736e-19	9.1743e-03	8.0305e-17	-4.9320e-01	-1.3280e-14	-1.6746e+00
2442	40	0.0000e+00	9.1152e-03	8.0184e-17	-4.9479e-01	1.3294e-14	1.6635e+00
	41	0.0000e+00	-9.1152e-03	-8.0184e-17	4.9479e-01	-2.2890e-15	1.5268e+00
2443	39	0.0000e+00	-2.0103e-03	1.1194e-17	-2.2911e-01	-1.0832e-14	-5.5579e-01
	40	0.0000e+00	2.0103e-03	-1.1194e-17	2.2911e-01	3.2526e-15	-3.2875e-01
2444	38	8.6736e-19	3.6457e-03	-1.0183e-16	-1.9275e-01	2.2218e-14	2.9163e+00
	39	-8.6736e-19	-3.6457e-03	1.0183e-16	1.9275e-01	2.4057e-14	-1.8955e+00
2445	37	0.0000e+00	-2.0023e-01	4.8599e-17	5.8383e-01	-6.6301e-15	-5.6369e+01
	38	0.0000e+00	2.0023e-01	-4.8599e-17	-5.8383e-01	7.4558e-15	-3.1734e+01
2446	34	0.0000e+00	1.1349e+00	-8.1586e-18	-2.1529e-01	-1.0197e-14	2.5795e+02
	37	0.0000e+00	-1.1349e+00	8.1586e-18	2.1529e-01	8.1393e-15	1.9602e+02
2447	60	-8.6736e-19	-8.2373e-02	8.0319e-17	-4.7082e-01	1.3274e-14	-1.3980e+01
	61	8.6736e-19	8.2373e-02	-8.0319e-17	4.7082e-01	-2.3107e-15	-1.4850e+01
2448	59	8.6736e-19	-1.5367e-02	1.1161e-17	4.6118e-01	-1.0825e-14	-3.6367e+00
	60	-8.6736e-19	1.5367e-02	-1.1161e-17	-4.6118e-01	3.2578e-15	-3.1248e+00
2449	58	-1.7347e-18	1.6690e-03	-1.0148e-16	5.8245e-01	2.2180e-14	2.4161e+00
	59	1.7347e-18	-1.6690e-03	1.0148e-16	-5.8245e-01	2.4016e-14	-1.9488e+00
2450	57	-8.6736e-19	-2.0569e-01	4.8559e-17	-8.6924e-02	-6.6232e-15	-5.8396e+01

	58	8.6736e-19	2.0569e-01	-4.8559e-17	8.6924e-02	7.4662e-15	-3.2107e+01
2451	36	0.0000e+00	1.2361e+00	-8.1586e-18	1.0186e+01	-1.0193e-14	2.7984e+02
	57	0.0000e+00	-1.2361e+00	8.1586e-18	-1.0186e+01	8.1393e-15	2.1462e+02
2452	56	-5.7662e-15	-3.5896e+00	1.6941e-21	2.8590e+01	-8.6736e-19	-8.2355e+02
	46	5.7662e-15	3.5896e+00	-1.6941e-21	-2.8590e+01	6.5052e-19	-7.4154e+02
2453	66	2.4585e-14	5.1341e+00	-1.3553e-20	-3.8035e+01	2.6021e-18	7.0754e+02
	56	-2.4585e-14	-5.1341e+00	1.3553e-20	3.8035e+01	1.7347e-18	8.5321e+02
2454	55	4.6838e-16	-5.6053e+00	0.0000e+00	-1.6430e+01	1.7347e-18	-1.2787e+03
	45	-4.6838e-16	5.6053e+00	0.0000e+00	1.6430e+01	2.1684e-19	-1.1652e+03
2455	65	-2.5438e-14	8.5264e+00	6.7763e-21	1.9964e+01	1.7347e-18	1.2087e+03
	55	2.5438e-14	-8.5264e+00	-6.7763e-21	-1.9964e+01	-3.4694e-18	1.3833e+03
2456	54	-3.9933e-15	-5.6755e+00	-5.0822e-21	4.2013e-03	8.6736e-19	-1.2930e+03
	44	3.9933e-15	5.6755e+00	5.0822e-21	-4.2013e-03	-2.1684e-19	-1.1815e+03
2457	64	-1.8086e-14	8.5773e+00	-1.3553e-20	2.4177e-02	2.6021e-18	1.2176e+03
	54	1.8086e-14	-8.5773e+00	1.3553e-20	-2.4177e-02	1.7347e-18	1.3899e+03
2458	53	6.0923e-15	-5.7237e+00	0.0000e+00	4.7574e-01	0.0000e+00	-1.3046e+03
	43	-6.0923e-15	5.7237e+00	0.0000e+00	-4.7574e-01	2.1684e-19	-1.1910e+03
2459	63	-1.3361e-14	8.6745e+00	0.0000e+00	-2.4865e-02	8.6736e-19	1.2320e+03
	53	1.3361e-14	-8.6745e+00	0.0000e+00	2.4865e-02	0.0000e+00	1.4051e+03
2460	52	1.6306e-15	-5.7820e+00	-5.0822e-21	-3.1747e-01	-8.6736e-19	-1.3205e+03
	42	-1.6306e-15	5.7820e+00	5.0822e-21	3.1747e-01	-2.1684e-19	-1.2005e+03
2461	62	-5.9050e-15	8.8558e+00	2.7105e-20	1.7317e+00	3.4694e-18	1.2614e+03
	52	5.9050e-15	-8.8558e+00	-2.7105e-20	-1.7317e+00	0.0000e+00	1.4308e+03
2462	51	4.5366e-18	-5.8144e+00	1.6941e-21	-1.9539e-04	-8.6736e-19	-1.3336e+03
	41	-4.5366e-18	5.8144e+00	-1.6941e-21	1.9539e-04	-6.5052e-19	-1.2014e+03
2463	61	2.1183e-17	9.1781e+00	6.7763e-21	-2.0743e-03	1.7347e-18	1.3191e+03
	51	-2.1183e-17	-9.1781e+00	-6.7763e-21	2.0743e-03	-1.7347e-18	1.4711e+03
2464	50	-1.6220e-15	-5.7820e+00	3.3881e-21	3.1526e-01	-8.6736e-19	-1.3205e+03
	40	1.6220e-15	5.7820e+00	-3.3881e-21	-3.1526e-01	1.0842e-18	-1.2005e+03
2465	60	5.9033e-15	8.8557e+00	0.0000e+00	-1.7361e+00	-1.7347e-18	1.2614e+03
	50	-5.9033e-15	-8.8557e+00	0.0000e+00	1.7361e+00	5.2042e-18	1.4307e+03
2466	49	-6.0923e-15	-5.7238e+00	-3.3881e-21	-4.7385e-01	0.0000e+00	-1.3046e+03
	39	6.0923e-15	5.7238e+00	3.3881e-21	4.7385e-01	4.3368e-19	-1.1910e+03
2467	59	1.3337e-14	8.6743e+00	0.0000e+00	2.1887e-02	8.6736e-19	1.2319e+03
	49	-1.3337e-14	-8.6743e+00	0.0000e+00	-2.1887e-02	0.0000e+00	1.4051e+03
2468	48	3.9899e-15	-5.6753e+00	1.6941e-21	-5.2101e-03	8.6736e-19	-1.2930e+03
	38	-3.9899e-15	5.6753e+00	-1.6941e-21	5.2101e-03	-6.5052e-19	-1.1815e+03
2469	58	1.8062e-14	8.5771e+00	-1.3553e-20	-2.5075e-02	1.7347e-18	1.2176e+03
	48	-1.8062e-14	-8.5771e+00	1.3553e-20	2.5075e-02	-3.4694e-18	1.3898e+03
2470	47	-4.7531e-16	-5.6059e+00	0.0000e+00	1.6431e+01	8.6736e-19	-1.2788e+03
	37	4.7531e-16	5.6059e+00	0.0000e+00	-1.6431e+01	-2.1684e-19	-1.1653e+03
2471	57	2.5466e-14	8.5269e+00	2.7105e-20	-1.9964e+01	-1.7347e-18	1.2088e+03
	47	-2.5466e-14	-8.5269e+00	-2.7105e-20	1.9964e+01	-3.4694e-18	1.3834e+03
2472	35	5.7940e-15	-3.5895e+00	3.3881e-21	-2.8591e+01	-8.6736e-19	-8.2352e+02
	34	-5.7940e-15	3.5895e+00	-3.3881e-21	2.8591e+01	1.0842e-18	-7.4149e+02
2473	36	-2.4612e-14	5.1341e+00	6.7763e-21	3.8037e+01	3.4694e-18	7.0756e+02
	35	2.4612e-14	-5.1341e+00	-6.7763e-21	-3.8037e+01	6.9389e-18	8.5322e+02
2474	33	6.8292e+00	-4.2874e+00	-2.6264e+00	1.3882e-03	8.6913e+02	-1.0958e+03
	66	-6.8292e+00	4.2874e+00	2.6264e+00	-1.3882e-03	2.4185e+02	-7.1773e+02
2475	22	-6.8229e+00	-1.6853e-01	-4.8583e+00	1.3882e-03	1.5611e+03	-3.5501e+01
	56	6.8229e+00	1.6853e-01	4.8583e+00	-1.3882e-03	4.9390e+02	-3.5788e+01
2476	21	-1.6294e+01	-3.9354e-01	-7.6810e-01	1.3882e-03	1.0347e+02	-6.7760e+01
	55	1.6294e+01	3.9354e-01	7.6810e-01	-1.3882e-03	2.2143e+02	-9.8707e+01
2477	32	4.3156e+00	-7.3452e+00	-6.7233e-01	1.3882e-03	1.0827e+02	-1.9086e+03
	65	-4.3156e+00	7.3452e+00	6.7233e-01	-1.3882e-03	1.7613e+02	-1.1985e+03

2478	20	-1.3934e+01	-3.7337e-01	1.3798e-01	1.3882e-03	-2.8678e+01	-6.0851e+01
	54	1.3934e+01	3.7337e-01	-1.3798e-01	-1.3882e-03	-2.9685e+01	-9.7085e+01
2479	19	-1.4448e+01	-3.9082e-01	-6.3447e-02	1.3882e-03	1.8616e+01	-6.4299e+01
	53	1.4448e+01	3.9082e-01	6.3447e-02	-1.3882e-03	8.2223e+00	-1.0102e+02
2480	8	5.8771e+00	7.9927e+00	2.3336e-02	1.3882e-03	-7.0236e+00	2.1899e+03
	43	-5.8771e+00	-7.9927e+00	-2.3336e-02	-1.3882e-03	-2.8473e+00	1.1910e+03
2481	9	5.7763e+00	7.9351e+00	1.3156e-01	1.3882e-03	-2.6876e+01	2.1743e+03
	44	-5.7763e+00	-7.9351e+00	-1.3156e-01	-1.3882e-03	-2.8773e+01	1.1823e+03
2482	10	2.5370e+00	7.7845e+00	-5.7074e-01	1.3882e-03	8.5278e+01	2.1284e+03
	45	-2.5370e+00	-7.7845e+00	5.7074e-01	-1.3882e-03	1.5614e+02	1.1644e+03
2483	11	6.9625e+00	4.7762e+00	-2.5051e+00	1.3882e-03	8.3005e+02	1.2786e+03
	46	-6.9625e+00	-4.7762e+00	2.5051e+00	-1.3882e-03	2.2959e+02	7.4174e+02
2484	31	7.2574e+00	-7.4900e+00	1.3771e-01	1.3882e-03	-2.8564e+01	-1.9500e+03
	64	-7.2574e+00	7.4900e+00	-1.3771e-01	-1.3882e-03	-2.9690e+01	-1.2183e+03
2485	30	7.1595e+00	-7.5719e+00	3.5595e-02	1.3882e-03	-9.4358e+00	-1.9711e+03
	63	-7.1595e+00	7.5719e+00	-3.5595e-02	-1.3882e-03	-5.6208e+00	-1.2318e+03
2486	18	-1.4651e+01	-4.2916e-01	1.2934e-02	1.3882e-03	-3.9982e+00	-6.9864e+01
	52	1.4651e+01	4.2916e-01	-1.2934e-02	-1.3882e-03	-1.4729e+00	-1.1167e+02
2487	6	5.9573e+00	8.0349e+00	-4.0494e-05	1.3882e-03	9.7177e-03	2.1983e+03
	41	-5.9573e+00	-8.0349e+00	4.0494e-05	-1.3882e-03	7.4111e-03	1.2004e+03
2488	29	7.3238e+00	-7.7575e+00	9.2462e-02	1.3882e-03	-2.3725e+01	-2.0210e+03
	62	-7.3238e+00	7.7575e+00	-9.2462e-02	-1.3882e-03	-1.5386e+01	-1.2605e+03
2489	17	-1.4982e+01	-5.0600e-01	3.9822e-05	1.3882e-03	-1.0268e-02	-8.1220e+01
	51	1.4982e+01	5.0600e-01	-3.9822e-05	-1.3882e-03	-6.5771e-03	-1.3282e+02
2490	7	5.9869e+00	8.0529e+00	-1.4606e-02	1.3882e-03	4.5156e+00	2.2056e+03
	42	-5.9869e+00	-8.0529e+00	1.4606e-02	-1.3882e-03	1.6629e+00	1.2008e+03
2491	5	5.9991e+00	8.0529e+00	1.4649e-02	1.3882e-03	-4.5269e+00	2.2056e+03
	40	-5.9991e+00	-8.0529e+00	-1.4649e-02	-1.3882e-03	-1.6696e+00	1.2007e+03
2492	28	8.0107e+00	-8.1975e+00	4.5851e-05	1.3882e-03	-1.3069e-02	-2.1475e+03
	61	-8.0107e+00	8.1975e+00	-4.5851e-05	-1.3882e-03	-6.3263e-03	-1.3200e+03
2493	16	-1.4651e+01	-4.2913e-01	-1.2852e-02	1.3882e-03	3.9772e+00	-6.9854e+01
	50	1.4651e+01	4.2913e-01	1.2852e-02	-1.3882e-03	1.4594e+00	-1.1167e+02
2494	27	7.3249e+00	-7.7574e+00	-9.2365e-02	1.3882e-03	2.3697e+01	-2.0209e+03
	60	-7.3249e+00	7.7574e+00	9.2365e-02	-1.3882e-03	1.5373e+01	-1.2604e+03
2495	4	5.8646e+00	7.9927e+00	-2.3527e-02	1.3882e-03	7.0682e+00	2.1899e+03
	39	-5.8646e+00	-7.9927e+00	2.3527e-02	-1.3882e-03	2.8836e+00	1.1910e+03
2496	15	-1.4447e+01	-3.9068e-01	6.3513e-02	1.3882e-03	-1.8633e+01	-6.4268e+01
	49	1.4447e+01	3.9068e-01	-6.3513e-02	-1.3882e-03	-8.2327e+00	-1.0099e+02
2497	26	7.1585e+00	-7.5718e+00	-3.5493e-02	1.3882e-03	9.4079e+00	-1.9710e+03
	59	-7.1585e+00	7.5718e+00	3.5493e-02	-1.3882e-03	5.6057e+00	-1.2318e+03
2498	3	5.8184e+00	7.9350e+00	-1.3147e-01	1.3882e-03	2.6852e+01	2.1742e+03
	38	-5.8184e+00	-7.9350e+00	1.3147e-01	-1.3882e-03	2.8762e+01	1.1822e+03
2499	14	-1.3934e+01	-3.7329e-01	-1.3789e-01	1.3882e-03	2.8658e+01	-6.0826e+01
	48	1.3934e+01	3.7329e-01	1.3789e-01	-1.3882e-03	2.9670e+01	-9.7075e+01
2500	25	7.2598e+00	-7.4899e+00	-1.3751e-01	1.3882e-03	2.8514e+01	-1.9500e+03
	58	-7.2598e+00	7.4899e+00	1.3751e-01	-1.3882e-03	2.9655e+01	-1.2183e+03
2501	2	2.4890e+00	7.7850e+00	5.7071e-01	1.3882e-03	-8.5276e+01	2.1285e+03
	37	-2.4890e+00	-7.7850e+00	-5.7071e-01	-1.3882e-03	-1.5613e+02	1.1645e+03
2502	13	-1.6295e+01	-3.9334e-01	7.6818e-01	1.3882e-03	-1.0349e+02	-6.7716e+01
	47	1.6295e+01	3.9334e-01	-7.6818e-01	-1.3882e-03	-2.2145e+02	-9.8668e+01
2503	24	4.2865e+00	-7.3455e+00	6.7254e-01	1.3882e-03	-1.0832e+02	-1.9086e+03
	57	-4.2865e+00	7.3455e+00	-6.7254e-01	-1.3882e-03	-1.7616e+02	-1.1985e+03
2504	1	6.9964e+00	4.7760e+00	2.5044e+00	1.3882e-03	-8.2986e+02	1.2785e+03
	34	-6.9964e+00	-4.7760e+00	-2.5044e+00	-1.3882e-03	-2.2949e+02	7.4171e+02
2505	12	-6.8228e+00	-1.6865e-01	4.8583e+00	1.3882e-03	-1.5612e+03	-3.5518e+01

	35	6.8228e+00	1.6865e-01	-4.8583e+00	-1.3882e-03	-4.9390e+02	-3.5821e+01
2506	23	6.8086e+00	-4.2874e+00	2.6267e+00	1.3882e-03	-8.6919e+02	-1.0958e+03
	36	-6.8086e+00	4.2874e+00	-2.6267e+00	-1.3882e-03	-2.4189e+02	-7.1775e+02
654	1906	0.0000e+00	-2.2161e+00	0.0000e+00	5.6063e+02	0.0000e+00	1.2031e+02
	1905	0.0000e+00	-1.2133e+01	0.0000e+00	-1.1749e+03	0.0000e+00	4.1176e+02
655	1907	0.0000e+00	-6.3994e-01	0.0000e+00	1.0440e+02	0.0000e+00	-5.6524e+01
	1906	0.0000e+00	5.9332e-01	0.0000e+00	-5.6063e+02	0.0000e+00	-1.2031e+02
656	1908	0.0000e+00	-5.0273e-01	0.0000e+00	-1.5229e+02	0.0000e+00	-4.6199e+01
	1907	0.0000e+00	-6.0616e-01	0.0000e+00	-1.0440e+02	0.0000e+00	5.6524e+01
657	1909	0.0000e+00	-8.7592e-02	0.0000e+00	-6.2524e+02	0.0000e+00	1.4036e+02
	1908	0.0000e+00	-7.2638e-01	0.0000e+00	1.5229e+02	0.0000e+00	4.6199e+01
658	1910	0.0000e+00	-1.1024e+01	0.0000e+00	-1.1779e+03	0.0000e+00	-9.8332e+02
	1909	0.0000e+00	-1.1181e+00	0.0000e+00	6.2524e+02	0.0000e+00	-1.4036e+02
659	1911	0.0000e+00	-1.1178e+00	0.0000e+00	6.2529e+02	0.0000e+00	1.4039e+02
	1910	0.0000e+00	-1.1024e+01	0.0000e+00	-1.1779e+03	0.0000e+00	9.8332e+02
660	1912	0.0000e+00	-7.2643e-01	0.0000e+00	1.5236e+02	0.0000e+00	-4.6230e+01
	1911	0.0000e+00	-8.7246e-02	0.0000e+00	-6.2529e+02	0.0000e+00	-1.4039e+02
661	1913	0.0000e+00	-6.0507e-01	0.0000e+00	-1.0429e+02	0.0000e+00	-5.6376e+01
	1912	0.0000e+00	-5.0305e-01	0.0000e+00	-1.5236e+02	0.0000e+00	4.6230e+01
662	1914	0.0000e+00	5.8421e-01	0.0000e+00	-5.6043e+02	0.0000e+00	1.1951e+02
	1913	0.0000e+00	-6.4013e-01	0.0000e+00	1.0429e+02	0.0000e+00	5.6376e+01
663	1915	0.0000e+00	-1.2144e+01	0.0000e+00	-1.1745e+03	0.0000e+00	-4.1183e+02
	1914	0.0000e+00	-2.2280e+00	0.0000e+00	5.6043e+02	0.0000e+00	-1.1951e+02
664	1895	0.0000e+00	-9.3571e-01	0.0000e+00	-3.8021e+01	0.0000e+00	-1.3995e+02
	1894	0.0000e+00	1.0366e+00	0.0000e+00	5.3230e+02	0.0000e+00	1.4654e+02
665	1896	0.0000e+00	-5.9181e-01	0.0000e+00	1.9151e+02	0.0000e+00	-1.9785e+01
	1895	0.0000e+00	-1.6768e+00	0.0000e+00	2.7521e+02	0.0000e+00	1.3670e+02
666	1897	0.0000e+00	-2.9129e-01	0.0000e+00	1.3883e+02	0.0000e+00	-1.6089e+01
	1896	0.0000e+00	-3.3694e-01	0.0000e+00	1.5811e+02	0.0000e+00	1.6274e+01
667	1898	0.0000e+00	-2.3749e-01	0.0000e+00	2.1113e+02	0.0000e+00	-1.3615e+01
	1897	0.0000e+00	-2.6864e-01	0.0000e+00	2.3909e+02	0.0000e+00	1.2956e+01
668	1899	0.0000e+00	-2.5257e-01	0.0000e+00	1.9400e+02	0.0000e+00	-1.5711e+01
	1898	0.0000e+00	-2.3040e-01	0.0000e+00	1.6891e+02	0.0000e+00	1.4603e+01
669	1900	0.0000e+00	-2.2385e-01	0.0000e+00	1.7008e+02	0.0000e+00	-1.3941e+01
	1899	0.0000e+00	-2.5181e-01	0.0000e+00	1.9300e+02	0.0000e+00	1.5667e+01
670	1901	0.0000e+00	-2.7471e-01	0.0000e+00	2.3886e+02	0.0000e+00	-1.4179e+01
	1900	0.0000e+00	-2.3020e-01	0.0000e+00	2.1169e+02	0.0000e+00	1.2841e+01
671	1902	0.0000e+00	-3.1133e-01	0.0000e+00	1.6031e+02	0.0000e+00	-1.3625e+01
	1901	0.0000e+00	-2.9911e-01	0.0000e+00	1.3699e+02	0.0000e+00	1.7209e+01
672	1903	0.0000e+00	-1.7112e+00	0.0000e+00	2.7090e+02	0.0000e+00	-1.4045e+02
	1902	0.0000e+00	-5.7011e-01	0.0000e+00	1.9568e+02	0.0000e+00	1.6969e+01
673	1904	0.0000e+00	1.0663e+00	0.0000e+00	5.3632e+02	0.0000e+00	-1.4576e+02
	1903	0.0000e+00	-9.6257e-01	0.0000e+00	-4.2281e+01	0.0000e+00	1.4347e+02

SFORZI "Q1" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-1.0665e-01	-2.9843e-20	2.2628e-20	4.3617e-04	0.0000e+00	0.0000e+00
	1923	1.0665e-01	2.9843e-20	-2.2628e-20	-4.3617e-04	0.0000e+00	0.0000e+00
2	1916	3.7833e-03	0.0000e+00	0.0000e+00	5.5996e-04	0.0000e+00	0.0000e+00
	1921	-3.7833e-03	0.0000e+00	0.0000e+00	-5.5996e-04	0.0000e+00	0.0000e+00
3	2085	4.0187e-01	2.8574e-21	-1.2642e-21	3.4873e-04	0.0000e+00	0.0000e+00
	1918	-4.0187e-01	-2.8574e-21	1.2642e-21	-3.4873e-04	0.0000e+00	0.0000e+00
4	2008	6.8936e-01	2.1827e-20	1.7172e-22	4.6802e-04	0.0000e+00	0.0000e+00
	2079	-6.8936e-01	-2.1827e-20	-1.7172e-22	-4.6802e-04	0.0000e+00	0.0000e+00
5	1919	6.1342e-01	1.1982e-20	3.0393e-21	2.8949e-04	0.0000e+00	0.0000e+00

	2056	-6.1342e-01	-1.1982e-20	-3.0393e-21	-2.8949e-04	0.0000e+00	0.0000e+00
6	2098	3.8956e-01	1.6510e-20	7.5566e-21	-3.4321e-04	0.0000e+00	0.0000e+00
	1937	-3.8956e-01	-1.6510e-20	-7.5566e-21	3.4321e-04	0.0000e+00	0.0000e+00
7	2042	3.1751e-01	-6.2380e-21	1.5886e-21	3.9573e-04	0.0000e+00	0.0000e+00
	2107	-3.1751e-01	6.2380e-21	-1.5886e-21	-3.9573e-04	0.0000e+00	0.0000e+00
8	1925	6.2790e-01	3.6550e-21	-3.8522e-22	5.5096e-04	0.0000e+00	0.0000e+00
	2008	-6.2790e-01	-3.6550e-21	3.8522e-22	-5.5096e-04	0.0000e+00	0.0000e+00
9	2109	1.1777e-02	8.8562e-21	-2.3547e-23	7.3319e-04	0.0000e+00	0.0000e+00
	2123	-1.1777e-02	-8.8562e-21	2.3547e-23	-7.3319e-04	0.0000e+00	0.0000e+00
10	2084	-8.0746e-02	4.9261e-21	-2.8102e-22	5.5069e-04	0.0000e+00	0.0000e+00
	2106	8.0746e-02	-4.9261e-21	2.8102e-22	-5.5069e-04	0.0000e+00	0.0000e+00
11	2083	-1.4079e-01	2.8601e-21	6.5158e-22	6.0135e-04	0.0000e+00	0.0000e+00
	2078	1.4079e-01	-2.8601e-21	-6.5158e-22	-6.0135e-04	0.0000e+00	0.0000e+00
12	2058	1.3183e-01	1.1716e-20	-4.1404e-22	6.5542e-04	0.0000e+00	0.0000e+00
	2077	-1.3183e-01	-1.1716e-20	4.1404e-22	-6.5542e-04	0.0000e+00	0.0000e+00
13	2041	8.0594e-02	5.5613e-21	-1.5659e-22	5.8143e-04	0.0000e+00	0.0000e+00
	2055	-8.0594e-02	-5.5613e-21	1.5659e-22	-5.8143e-04	0.0000e+00	0.0000e+00
14	2024	-2.9682e-02	1.0565e-20	-1.0577e-21	6.7677e-04	0.0000e+00	0.0000e+00
	2038	2.9682e-02	-1.0565e-20	1.0577e-21	-6.7677e-04	0.0000e+00	0.0000e+00
15	2007	-6.1393e-01	5.8546e-21	-7.6017e-23	4.4007e-04	0.0000e+00	0.0000e+00
	2021	6.1393e-01	-5.8546e-21	7.6017e-23	-4.4007e-04	0.0000e+00	0.0000e+00
16	1982	9.6645e-02	-3.1419e-20	1.9975e-20	-1.4769e-05	0.0000e+00	0.0000e+00
	2012	-9.6645e-02	3.1419e-20	-1.9975e-20	1.4769e-05	0.0000e+00	0.0000e+00
17	1985	-1.0430e-02	0.0000e+00	0.0000e+00	2.0204e-04	0.0000e+00	0.0000e+00
	2010	1.0430e-02	0.0000e+00	0.0000e+00	-2.0204e-04	0.0000e+00	0.0000e+00
18	1998	-4.1429e-01	-7.2101e-21	2.1471e-21	6.3330e-04	0.0000e+00	0.0000e+00
	2007	4.1429e-01	7.2101e-21	-2.1471e-21	-6.3330e-04	0.0000e+00	0.0000e+00
19	1995	-3.1991e-01	-4.7146e-21	-1.1710e-21	6.6911e-04	0.0000e+00	0.0000e+00
	2004	3.1991e-01	4.7146e-21	1.1710e-21	-6.6911e-04	0.0000e+00	0.0000e+00
20	1992	-6.9175e-01	-5.7949e-21	-2.0869e-21	6.1192e-04	0.0000e+00	0.0000e+00
	2001	6.9175e-01	5.7949e-21	2.0869e-21	-6.1192e-04	0.0000e+00	0.0000e+00
21	1989	-6.2880e-01	1.1808e-20	5.7054e-21	7.3019e-04	0.0000e+00	0.0000e+00
	2000	6.2880e-01	-1.1808e-20	-5.7054e-21	-7.3019e-04	0.0000e+00	0.0000e+00
22	1988	-3.8537e-01	1.6982e-20	1.1058e-20	5.4420e-04	0.0000e+00	0.0000e+00
	1928	3.8537e-01	-1.6982e-20	-1.1058e-20	-5.4420e-04	0.0000e+00	0.0000e+00
643	1905	2.0739e-01	7.6418e-16	1.7779e-18	1.5490e-01	0.0000e+00	0.0000e+00
	1960	-2.0739e-01	-7.6418e-16	-1.7779e-18	-1.5490e-01	0.0000e+00	0.0000e+00
644	1906	5.0627e-01	8.3457e-16	1.5008e-18	5.5774e-02	0.0000e+00	0.0000e+00
	1961	-5.0627e-01	-8.3457e-16	-1.5008e-18	-5.5774e-02	0.0000e+00	0.0000e+00
645	1907	4.3293e-01	8.9381e-16	8.6511e-19	3.5208e-02	0.0000e+00	0.0000e+00
	1962	-4.3293e-01	-8.9381e-16	-8.6511e-19	-3.5208e-02	0.0000e+00	0.0000e+00
646	1908	4.2310e-01	9.0108e-16	4.1844e-19	2.4300e-02	0.0000e+00	0.0000e+00
	1963	-4.2310e-01	-9.0108e-16	-4.1844e-19	-2.4300e-02	0.0000e+00	0.0000e+00
647	1909	3.9382e-01	8.9603e-16	-3.2475e-19	7.2089e-03	0.0000e+00	0.0000e+00
	1964	-3.9382e-01	-8.9603e-16	3.2475e-19	-7.2089e-03	0.0000e+00	0.0000e+00
648	1910	3.1886e-01	8.6943e-16	-9.2483e-19	-5.4134e-03	0.0000e+00	0.0000e+00
	1965	-3.1886e-01	-8.6943e-16	9.2483e-19	5.4134e-03	0.0000e+00	0.0000e+00
649	1911	3.9342e-01	8.9643e-16	-1.5135e-18	-1.9597e-02	0.0000e+00	0.0000e+00
	1966	-3.9342e-01	-8.9643e-16	1.5135e-18	1.9597e-02	0.0000e+00	0.0000e+00
650	1912	4.2338e-01	9.0070e-16	-2.2113e-18	-4.2470e-02	0.0000e+00	0.0000e+00
	1967	-4.2338e-01	-9.0070e-16	2.2113e-18	4.2470e-02	0.0000e+00	0.0000e+00
651	1913	4.3308e-01	8.9395e-16	-2.6028e-18	-6.0403e-02	0.0000e+00	0.0000e+00
	1968	-4.3308e-01	-8.9395e-16	2.6028e-18	6.0403e-02	0.0000e+00	0.0000e+00
652	1914	5.1361e-01	8.3200e-16	-3.0988e-18	-9.7222e-02	0.0000e+00	0.0000e+00
	1969	-5.1361e-01	-8.3200e-16	3.0988e-18	9.7222e-02	0.0000e+00	0.0000e+00

653	1915	2.1185e-01	7.6391e-16	-3.3622e-18	-2.4893e-02	0.0000e+00	0.0000e+00
	1970	-2.1185e-01	-7.6391e-16	3.3622e-18	2.4893e-02	0.0000e+00	0.0000e+00
237	2116	-3.7239e-01	1.4667e-01	-2.5016e-02	-1.0673e-01	1.1852e+00	-4.1335e+01
	2079	3.7239e-01	-1.4667e-01	2.5016e-02	1.0673e-01	1.3186e+00	5.6015e+01
238	1959	-3.6287e-01	1.6886e-01	2.3175e-02	-3.5069e-02	8.7744e-01	-3.9029e+01
	2116	3.6287e-01	-1.6886e-01	-2.3175e-02	3.5069e-02	-1.1894e+00	4.1302e+01
239	2110	9.1126e-02	-1.9003e-01	1.4496e-03	-2.2636e-02	-1.8323e-02	-9.3570e+01
	1919	-9.1126e-02	1.9003e-01	-1.4496e-03	2.2636e-02	-1.2676e-01	7.4551e+01
240	1958	7.9501e-02	-1.9518e-01	3.2640e-03	-2.3700e-02	-6.0867e-02	-9.6209e+01
	2110	-7.9501e-02	1.9518e-01	-3.2640e-03	2.3700e-02	1.6924e-02	9.3581e+01
241	2121	-9.4564e-03	-2.8519e-02	1.5826e-03	-1.2455e-02	-5.6111e-02	-8.0518e+01
	2120	9.4564e-03	2.8519e-02	-1.5826e-03	1.2455e-02	-1.0228e-01	7.7664e+01
242	1957	-1.1159e-02	-2.7897e-02	2.8058e-03	-1.5815e-02	-9.3032e-02	-8.0917e+01
	2121	1.1159e-02	2.7897e-02	-2.8058e-03	1.5815e-02	5.5258e-02	8.0541e+01
243	2104	-7.0077e-03	-2.1134e-02	1.8415e-03	-7.5920e-03	-9.2787e-02	-7.8814e+01
	2103	7.0077e-03	2.1134e-02	-1.8415e-03	7.5920e-03	-9.1526e-02	7.6699e+01
244	1956	-8.2693e-03	-2.0673e-02	-1.2677e-03	-1.3173e-02	-7.5093e-02	-7.9098e+01
	2104	8.2693e-03	2.0673e-02	1.2677e-03	1.3173e-02	9.2160e-02	7.8820e+01
245	2074	-3.4069e-03	-1.0275e-02	1.7375e-03	-5.2809e-04	-1.0571e-01	-7.3405e+01
	2072	3.4069e-03	1.0275e-02	-1.7375e-03	5.2809e-04	-6.8191e-02	7.2377e+01
246	1955	-4.0203e-03	-1.0051e-02	1.0410e-04	-6.9012e-03	-1.0688e-01	-7.3559e+01
	2074	4.0203e-03	1.0051e-02	-1.0410e-04	6.9012e-03	1.0548e-01	7.3424e+01
247	2073	4.7699e-03	1.4385e-02	1.8472e-03	5.6386e-03	-1.4101e-01	-6.0094e+01
	2071	-4.7699e-03	-1.4385e-02	-1.8472e-03	-5.6386e-03	-4.3868e-02	6.1534e+01
248	1954	5.6286e-03	1.4072e-02	-2.1318e-03	-2.8746e-03	-1.1240e-01	-5.9855e+01
	2073	-5.6286e-03	-1.4072e-02	2.1318e-03	2.8746e-03	1.4110e-01	6.0045e+01
249	2053	-3.3634e-03	-1.0144e-02	2.6979e-03	1.3358e-02	-2.0029e-01	-7.3332e+01
	2052	3.3634e-03	1.0144e-02	-2.6979e-03	-1.3358e-02	-6.9732e-02	7.2317e+01
250	1953	-3.9690e-03	-9.9224e-03	-4.8483e-03	1.2567e-03	-1.3546e-01	-7.3485e+01
	2053	3.9690e-03	9.9224e-03	4.8483e-03	-1.2567e-03	2.0073e-01	7.3351e+01
251	2036	-7.1173e-03	-2.1465e-02	4.7045e-03	2.5820e-02	-2.9922e-01	-7.8862e+01
	2035	7.1173e-03	2.1465e-02	-4.7045e-03	-2.5820e-02	-1.7164e-01	7.6714e+01
252	1952	-8.3987e-03	-2.0997e-02	-5.2748e-03	7.7308e-03	-2.2922e-01	-7.9150e+01
	2036	8.3987e-03	2.0997e-02	5.2748e-03	-7.7308e-03	3.0023e-01	7.8868e+01
253	2019	-9.2754e-03	-2.7973e-02	7.3634e-03	3.7217e-02	-4.4037e-01	-8.0554e+01
	2018	9.2754e-03	2.7973e-02	-7.3634e-03	-3.7217e-02	-2.9661e-01	7.7754e+01
254	1951	-1.0945e-02	-2.7363e-02	-1.1537e-02	1.0596e-02	-2.8649e-01	-8.0945e+01
	2019	1.0945e-02	2.7363e-02	1.1537e-02	-1.0596e-02	4.4181e-01	8.0577e+01
255	2002	3.6793e-01	-1.7533e-01	1.1840e-02	6.1948e-02	-7.2210e-01	-9.3103e+01
	2001	-3.6793e-01	1.7533e-01	-1.1840e-02	-6.1948e-02	-4.6291e-01	7.5555e+01
256	1950	3.5668e-01	-1.9720e-01	-1.7274e-02	1.8293e-02	-4.9197e-01	-9.5768e+01
	2002	-3.5668e-01	1.9720e-01	1.7274e-02	-1.8293e-02	7.2453e-01	9.3113e+01
257	1990	-9.7918e-02	1.6455e-01	-1.4141e-02	-9.0081e-03	4.1663e-01	-4.0457e+01
	1989	9.7918e-02	-1.6455e-01	1.4141e-02	9.0081e-03	9.9870e-01	5.6926e+01
258	1939	-8.7817e-02	1.7016e-01	8.8907e-03	1.6131e-02	2.9672e-01	-3.8133e+01
	1990	8.7817e-02	-1.7016e-01	-8.8907e-03	-1.6131e-02	-4.1642e-01	4.0424e+01
259	36	7.4210e-03	3.6791e-17	7.9189e-03	4.4244e-05	-7.9189e-02	0.0000e+00
	1939	-7.4210e-03	-3.6791e-17	-7.9189e-03	-4.4244e-05	0.0000e+00	0.0000e+00
260	2110	-4.8192e-02	-1.1149e-18	4.1749e-19	-3.3192e-02	0.0000e+00	0.0000e+00
	2116	4.8192e-02	1.1149e-18	-4.1749e-19	3.3192e-02	0.0000e+00	0.0000e+00
261	2121	-5.0006e-02	2.3435e-19	1.2904e-18	-2.2591e-02	0.0000e+00	0.0000e+00
	2110	5.0006e-02	-2.3435e-19	-1.2904e-18	2.2591e-02	0.0000e+00	0.0000e+00
262	2104	-5.1229e-02	0.0000e+00	0.0000e+00	1.3530e-04	0.0000e+00	0.0000e+00
	2121	5.1229e-02	0.0000e+00	0.0000e+00	-1.3530e-04	0.0000e+00	0.0000e+00
263	2074	-4.8120e-02	1.2016e-19	-8.7251e-21	5.4641e-03	0.0000e+00	0.0000e+00

2104	4.8120e-02	-1.2016e-19	8.7251e-21	-5.4641e-03	0.0000e+00	0.0000e+00
264	2073	-4.6487e-02	-3.8390e-19	2.5455e-19	2.4512e-02	0.0000e+00
	2074	4.6487e-02	3.8390e-19	-2.5455e-19	-2.4512e-02	0.0000e+00
265	2053	-4.2508e-02	7.6810e-19	-1.7786e-19	-2.4590e-02	0.0000e+00
	2073	4.2508e-02	-7.6810e-19	1.7786e-19	2.4590e-02	0.0000e+00
266	2036	-3.4961e-02	6.0673e-20	-2.7070e-20	-5.3575e-03	0.0000e+00
	2053	3.4961e-02	-6.0673e-20	2.7070e-20	5.3575e-03	0.0000e+00
267	2019	-2.4982e-02	-5.0552e-20	-5.8091e-19	-1.6722e-04	0.0000e+00
	2036	2.4982e-02	5.0552e-20	5.8091e-19	1.6722e-04	0.0000e+00
268	2002	-6.0820e-03	4.6986e-19	0.0000e+00	2.2848e-02	0.0000e+00
	2019	6.0820e-03	-4.6986e-19	0.0000e+00	-2.2848e-02	0.0000e+00
269	1990	2.3032e-02	-2.2235e-19	-6.2436e-19	3.2758e-02	0.0000e+00
	2002	-2.3032e-02	2.2235e-19	6.2436e-19	-3.2758e-02	0.0000e+00
270	77	0.0000e+00	-4.3077e+00	0.0000e+00	6.7869e+01	0.0000e+00
	1894	0.0000e+00	4.3077e+00	0.0000e+00	-6.7869e+01	0.0000e+00
271	11	0.0000e+00	-3.9666e-01	0.0000e+00	6.6541e+01	0.0000e+00
	77	0.0000e+00	3.9666e-01	0.0000e+00	-6.6541e+01	0.0000e+00
272	67	0.0000e+00	-4.3078e+00	0.0000e+00	-6.7954e+01	0.0000e+00
	1904	0.0000e+00	4.3078e+00	0.0000e+00	6.7954e+01	0.0000e+00
273	1	0.0000e+00	-3.9684e-01	0.0000e+00	-6.6551e+01	0.0000e+00
	67	0.0000e+00	3.9684e-01	0.0000e+00	6.6551e+01	0.0000e+00
274	72	0.0000e+00	-8.0384e+00	0.0000e+00	-2.4931e-03	0.0000e+00
	1899	0.0000e+00	8.0384e+00	0.0000e+00	2.4931e-03	0.0000e+00
275	6	0.0000e+00	-5.4744e+00	0.0000e+00	2.7843e-04	0.0000e+00
	72	0.0000e+00	5.4744e+00	0.0000e+00	-2.7843e-04	0.0000e+00
276	76	0.0000e+00	-7.2132e+00	0.0000e+00	-1.5583e+01	0.0000e+00
	1895	0.0000e+00	7.2132e+00	0.0000e+00	1.5583e+01	0.0000e+00
277	10	0.0000e+00	-8.4578e+00	0.0000e+00	3.4901e+01	0.0000e+00
	76	0.0000e+00	8.4578e+00	0.0000e+00	-3.4901e+01	0.0000e+00
278	75	0.0000e+00	-8.1099e+00	0.0000e+00	-4.4381e+01	0.0000e+00
	1896	0.0000e+00	8.1099e+00	0.0000e+00	4.4381e+01	0.0000e+00
279	9	0.0000e+00	-5.7826e+00	0.0000e+00	4.2823e+01	0.0000e+00
	75	0.0000e+00	5.7826e+00	0.0000e+00	-4.2823e+01	0.0000e+00
280	74	0.0000e+00	-8.0784e+00	0.0000e+00	4.5335e+01	0.0000e+00
	1897	0.0000e+00	8.0784e+00	0.0000e+00	-4.5335e+01	0.0000e+00
281	8	0.0000e+00	-5.7367e+00	0.0000e+00	-3.9224e+01	0.0000e+00
	74	0.0000e+00	5.7367e+00	0.0000e+00	3.9224e+01	0.0000e+00
282	73	0.0000e+00	-7.9395e+00	0.0000e+00	-2.5161e+01	0.0000e+00
	1898	0.0000e+00	7.9395e+00	0.0000e+00	2.5161e+01	0.0000e+00
283	7	0.0000e+00	-7.0279e+00	0.0000e+00	2.0008e+01	0.0000e+00
	73	0.0000e+00	7.0279e+00	0.0000e+00	-2.0008e+01	0.0000e+00
284	71	0.0000e+00	-7.9394e+00	0.0000e+00	2.5162e+01	0.0000e+00
	1900	0.0000e+00	7.9394e+00	0.0000e+00	-2.5162e+01	0.0000e+00
285	5	0.0000e+00	-7.0280e+00	0.0000e+00	-2.0009e+01	0.0000e+00
	71	0.0000e+00	7.0280e+00	0.0000e+00	2.0009e+01	0.0000e+00
286	70	0.0000e+00	-8.0784e+00	0.0000e+00	-4.5345e+01	0.0000e+00
	1901	0.0000e+00	8.0784e+00	0.0000e+00	4.5345e+01	0.0000e+00
287	4	0.0000e+00	-5.7366e+00	0.0000e+00	3.9225e+01	0.0000e+00
	70	0.0000e+00	5.7366e+00	0.0000e+00	-3.9225e+01	0.0000e+00
288	69	0.0000e+00	-8.1098e+00	0.0000e+00	4.4379e+01	0.0000e+00
	1902	0.0000e+00	8.1098e+00	0.0000e+00	-4.4379e+01	0.0000e+00
289	3	0.0000e+00	-5.7828e+00	0.0000e+00	-4.2824e+01	0.0000e+00
	69	0.0000e+00	5.7828e+00	0.0000e+00	4.2824e+01	0.0000e+00
290	68	0.0000e+00	-7.2131e+00	0.0000e+00	1.5581e+01	0.0000e+00
	1903	0.0000e+00	7.2131e+00	0.0000e+00	-1.5581e+01	0.0000e+00

291	2	0.0000e+00	-8.4578e+00	0.0000e+00	-3.4900e+01	0.0000e+00	-7.2603e+02
	68	0.0000e+00	8.4578e+00	0.0000e+00	3.4900e+01	0.0000e+00	3.4543e+02
292	57	-7.6299e-01	5.3208e-17	2.5838e-03	-4.5301e-05	-2.5838e-02	0.0000e+00
	1950	7.6299e-01	-5.3208e-17	-2.5838e-03	4.5301e-05	0.0000e+00	0.0000e+00
293	34	7.9381e-01	1.3198e-17	-4.6344e-04	-2.2142e-04	6.0247e-03	0.0000e+00
	1938	-7.9381e-01	-1.3198e-17	4.6344e-04	2.2142e-04	0.0000e+00	0.0000e+00
294	37	-8.2018e-01	4.9396e-18	-2.8706e-03	-1.5263e-04	3.7317e-02	0.0000e+00
	1940	8.2018e-01	-4.9396e-18	2.8706e-03	1.5263e-04	0.0000e+00	0.0000e+00
295	38	-3.3635e-01	-1.2769e-18	-3.5108e-03	-8.5898e-05	4.5640e-02	0.0000e+00
	1941	3.3635e-01	1.2769e-18	3.5108e-03	8.5898e-05	0.0000e+00	0.0000e+00
296	39	-1.8183e-01	-2.4700e-18	-5.4768e-04	-4.6821e-05	7.1199e-03	0.0000e+00
	1942	1.8183e-01	2.4700e-18	5.4768e-04	4.6821e-05	0.0000e+00	0.0000e+00
297	40	-1.8488e-01	-3.2591e-18	-1.7640e-03	-7.2525e-06	2.2932e-02	0.0000e+00
	1943	1.8488e-01	3.2591e-18	1.7640e-03	7.2525e-06	0.0000e+00	0.0000e+00
298	41	-7.2463e-02	-3.0469e-18	-3.2250e-04	2.5317e-05	4.1924e-03	0.0000e+00
	1944	7.2463e-02	3.0469e-18	3.2250e-04	-2.5317e-05	0.0000e+00	0.0000e+00
299	42	-1.8865e-01	-3.2324e-18	1.1325e-03	5.8620e-05	-1.4722e-02	0.0000e+00
	1945	1.8865e-01	3.2324e-18	-1.1325e-03	-5.8620e-05	0.0000e+00	0.0000e+00
300	43	-1.7331e-01	-2.5291e-18	-5.3133e-05	1.0096e-04	6.9072e-04	0.0000e+00
	1946	1.7331e-01	2.5291e-18	5.3133e-05	-1.0096e-04	0.0000e+00	0.0000e+00
301	44	-3.4934e-01	-1.1592e-18	2.9456e-03	1.4394e-04	-3.8293e-02	0.0000e+00
	1947	3.4934e-01	1.1592e-18	-2.9456e-03	-1.4394e-04	0.0000e+00	0.0000e+00
302	45	-8.0480e-01	4.8371e-18	2.3433e-03	2.1947e-04	-3.0462e-02	0.0000e+00
	1948	8.0480e-01	-4.8371e-18	-2.3433e-03	-2.1947e-04	0.0000e+00	0.0000e+00
303	46	7.8146e-01	1.3373e-17	-1.2500e-03	1.9140e-04	1.6250e-02	0.0000e+00
	1949	-7.8146e-01	-1.3373e-17	1.2500e-03	-1.9140e-04	0.0000e+00	0.0000e+00
304	66	1.1844e-02	3.6704e-17	-7.1992e-03	1.3020e-04	7.1992e-02	0.0000e+00
	1959	-1.1844e-02	-3.6704e-17	7.1992e-03	-1.3020e-04	0.0000e+00	0.0000e+00
305	65	-7.5289e-01	5.4972e-17	-9.9708e-04	2.1940e-05	9.9708e-03	0.0000e+00
	1958	7.5289e-01	-5.4972e-17	9.9708e-04	-2.1940e-05	0.0000e+00	0.0000e+00
306	64	-4.6297e-01	9.6950e-17	1.4883e-03	1.8768e-05	-1.4883e-02	0.0000e+00
	1957	4.6297e-01	-9.6950e-17	-1.4883e-03	-1.8768e-05	0.0000e+00	0.0000e+00
307	63	-4.4537e-01	1.0356e-16	-1.6198e-03	1.8298e-05	1.6198e-02	0.0000e+00
	1956	4.4537e-01	-1.0356e-16	1.6198e-03	-1.8298e-05	0.0000e+00	0.0000e+00
308	62	-4.0464e-01	1.0455e-16	1.9368e-03	8.2280e-06	-1.9368e-02	0.0000e+00
	1955	4.0464e-01	-1.0455e-16	-1.9368e-03	-8.2280e-06	0.0000e+00	0.0000e+00
309	61	-3.0370e-01	9.8711e-17	1.1166e-03	3.6870e-06	-1.1166e-02	0.0000e+00
	1954	3.0370e-01	-9.8711e-17	-1.1166e-03	-3.6870e-06	0.0000e+00	0.0000e+00
310	60	-4.0411e-01	1.0488e-16	2.6833e-04	-2.8882e-06	-2.6833e-03	0.0000e+00
	1953	4.0411e-01	-1.0488e-16	-2.6833e-04	2.8882e-06	0.0000e+00	0.0000e+00
311	59	-4.4600e-01	1.0327e-16	3.7135e-03	-1.9171e-05	-3.7135e-02	0.0000e+00
	1952	4.4600e-01	-1.0327e-16	-3.7135e-03	1.9171e-05	0.0000e+00	0.0000e+00
312	58	-4.6255e-01	9.7081e-17	4.6326e-04	-2.7242e-05	-4.6326e-03	0.0000e+00
	1951	4.6255e-01	-9.7081e-17	-4.6326e-04	2.7242e-05	0.0000e+00	0.0000e+00
313	1936	-3.3245e-01	6.0731e-18	1.7062e-18	-8.7831e-02	0.0000e+00	0.0000e+00
	1937	3.3245e-01	-6.0731e-18	-1.7062e-18	8.7831e-02	0.0000e+00	0.0000e+00
314	1935	-3.2406e-01	1.2765e-20	1.5446e-18	-9.8121e-03	0.0000e+00	0.0000e+00
	1936	3.2406e-01	-1.2765e-20	-1.5446e-18	9.8121e-03	0.0000e+00	0.0000e+00
315	1934	-3.1867e-01	0.0000e+00	0.0000e+00	2.7036e-03	0.0000e+00	0.0000e+00
	1935	3.1867e-01	0.0000e+00	0.0000e+00	-2.7036e-03	0.0000e+00	0.0000e+00
316	1933	-3.1488e-01	-7.0965e-20	4.8626e-20	1.0514e-02	0.0000e+00	0.0000e+00
	1934	3.1488e-01	7.0965e-20	-4.8626e-20	-1.0514e-02	0.0000e+00	0.0000e+00
317	1932	-3.1336e-01	7.9223e-19	1.3148e-18	3.9843e-02	0.0000e+00	0.0000e+00
	1933	3.1336e-01	-7.9223e-19	-1.3148e-18	-3.9843e-02	0.0000e+00	0.0000e+00
318	1931	-3.1358e-01	-1.5844e-18	-8.8094e-19	-3.9836e-02	0.0000e+00	0.0000e+00

	1932	3.1358e-01	1.5844e-18	8.8094e-19	3.9836e-02	0.0000e+00	0.0000e+00
319	1930	-3.1566e-01	-1.3739e-19	8.7592e-20	-1.0522e-02	0.0000e+00	0.0000e+00
	1931	3.1566e-01	1.3739e-19	-8.7592e-20	1.0522e-02	0.0000e+00	0.0000e+00
320	1929	-3.2037e-01	8.1780e-21	-4.7324e-19	-2.7013e-03	0.0000e+00	0.0000e+00
	1930	3.2037e-01	-8.1780e-21	4.7324e-19	2.7013e-03	0.0000e+00	0.0000e+00
321	1928	-3.2714e-01	1.8641e-20	0.0000e+00	1.0353e-02	0.0000e+00	0.0000e+00
	1929	3.2714e-01	-1.8641e-20	0.0000e+00	-1.0353e-02	0.0000e+00	0.0000e+00
322	1927	6.4964e-03	1.2149e-18	-2.7723e-18	8.7900e-02	0.0000e+00	0.0000e+00
	1928	-6.4964e-03	-1.2149e-18	2.7723e-18	-8.7900e-02	0.0000e+00	0.0000e+00
323	1937	-1.7406e-01	1.0879e-02	1.5893e-02	1.5335e-04	-9.5850e-06	-8.8138e-02
	1960	1.7406e-01	-1.0879e-02	-1.5893e-02	-1.5335e-04	-1.1475e+00	8.7365e-01
324	1936	-2.1139e-13	-1.7364e-13	8.3911e-03	-6.9389e-18	-5.5511e-16	7.8019e-02
	1961	2.1139e-13	1.7364e-13	-8.3911e-03	6.9389e-18	-6.0584e-01	-7.8019e-02
325	1935	-9.1260e-14	-1.7764e-14	5.3918e-03	-6.9389e-18	3.0531e-16	1.2516e-02
	1962	9.1260e-14	1.7764e-14	-5.3918e-03	6.9389e-18	-3.8930e-01	-1.2516e-02
326	1934	-9.3259e-15	-2.7534e-14	3.7822e-03	-2.1511e-16	1.3878e-17	7.8107e-03
	1963	9.3259e-15	2.7534e-14	-3.7822e-03	2.1511e-16	-2.7308e-01	-7.8107e-03
327	1933	-3.5616e-13	1.7764e-15	1.5256e-03	-1.4442e-16	1.1449e-16	2.9329e-02
	1964	3.5616e-13	-1.7764e-15	-1.5256e-03	1.4442e-16	-1.1015e-01	-2.9329e-02
328	1932	2.9843e-13	1.7319e-14	-2.2611e-04	-3.6486e-15	-4.9127e-15	-7.9679e-02
	1965	-2.9843e-13	-1.7319e-14	2.2611e-04	3.6486e-15	1.6326e-02	7.9679e-02
329	1931	-1.9806e-13	1.6920e-13	-2.0722e-03	3.0358e-17	-3.1919e-16	2.9314e-02
	1966	1.9806e-13	-1.6920e-13	2.0722e-03	-3.0358e-17	1.4962e-01	-2.9314e-02
330	1930	-4.6851e-14	-1.8652e-14	-4.7096e-03	1.4572e-16	-8.3267e-17	7.8211e-03
	1967	4.6851e-14	1.8652e-14	4.7096e-03	-1.4572e-16	3.4004e-01	-7.8211e-03
331	1929	-1.4677e-13	-6.6613e-14	-6.7788e-03	1.9776e-16	8.3267e-16	1.3054e-02
	1968	1.4677e-13	6.6613e-14	6.7788e-03	-1.9776e-16	4.8944e-01	-1.3054e-02
332	1928	1.7219e-01	-1.0763e-02	-1.0956e-02	-2.4315e-04	1.5198e-05	7.8034e-02
	1969	-1.7219e-01	1.0763e-02	1.0956e-02	2.4315e-04	7.9104e-01	-8.5510e-01
333	1927	1.9895e-13	-1.0658e-14	-6.4964e-03	-5.3776e-17	-5.5511e-16	-8.7900e-02
	1970	-1.9895e-13	1.0658e-14	6.4964e-03	5.3776e-17	4.6905e-01	8.7900e-02
334	2089	2.1826e-01	-2.7360e-19	1.8442e-20	-1.0309e-02	0.0000e+00	0.0000e+00
	2090	-2.1826e-01	2.7360e-19	-1.8442e-20	1.0309e-02	0.0000e+00	0.0000e+00
335	2083	2.8615e-01	-4.7092e-19	4.0339e-20	-8.1074e-03	0.0000e+00	0.0000e+00
	2084	-2.8615e-01	4.7092e-19	-4.0339e-20	8.1074e-03	0.0000e+00	0.0000e+00
336	2081	5.0654e-02	-5.7325e-19	4.3586e-20	-6.7759e-03	0.0000e+00	0.0000e+00
	2082	-5.0654e-02	5.7325e-19	-4.3586e-20	6.7759e-03	0.0000e+00	0.0000e+00
337	2055	-1.3176e-01	6.6084e-19	-4.6187e-20	2.5714e-03	0.0000e+00	0.0000e+00
	2077	1.3176e-01	-6.6084e-19	4.6187e-20	-2.5714e-03	0.0000e+00	0.0000e+00
338	2077	-1.3035e-02	-6.5471e-19	4.1911e-20	-2.8026e-03	0.0000e+00	0.0000e+00
	2078	1.3035e-02	6.5471e-19	-4.1911e-20	2.8026e-03	0.0000e+00	0.0000e+00
339	2075	-4.8454e-02	-6.6513e-19	4.1298e-20	3.7807e-03	0.0000e+00	0.0000e+00
	2076	4.8454e-02	6.6513e-19	-4.1298e-20	-3.7807e-03	0.0000e+00	0.0000e+00
340	2071	-2.9990e-02	-5.8260e-19	5.1030e-20	1.2955e-02	0.0000e+00	0.0000e+00
	2072	2.9990e-02	5.8260e-19	-5.1030e-20	-1.2955e-02	0.0000e+00	0.0000e+00
341	2087	1.6465e-01	-3.7225e-19	3.2015e-20	-8.6459e-03	0.0000e+00	0.0000e+00
	2088	-1.6465e-01	3.7225e-19	-3.2015e-20	8.6459e-03	0.0000e+00	0.0000e+00
342	2090	2.2709e-01	0.0000e+00	-1.0335e-19	-2.7174e-03	0.0000e+00	0.0000e+00
	2112	-2.2709e-01	0.0000e+00	1.0335e-19	2.7174e-03	0.0000e+00	0.0000e+00
343	2088	1.5251e-01	0.0000e+00	-8.2118e-20	-4.1103e-03	0.0000e+00	0.0000e+00
	2111	-1.5251e-01	0.0000e+00	8.2118e-20	4.1103e-03	0.0000e+00	0.0000e+00
344	2084	3.7313e-01	0.0000e+00	-6.4352e-20	-4.7019e-03	0.0000e+00	0.0000e+00
	2109	-3.7313e-01	0.0000e+00	6.4352e-20	4.7019e-03	0.0000e+00	0.0000e+00
345	2082	3.9649e-02	0.0000e+00	-5.5474e-20	-4.3729e-03	0.0000e+00	0.0000e+00
	2108	-3.9649e-02	0.0000e+00	5.5474e-20	4.3729e-03	0.0000e+00	0.0000e+00

346	2078	-1.2658e-01	0.0000e+00	-5.5918e-20	-3.1176e-03	0.0000e+00	0.0000e+00
	2106	1.2658e-01	0.0000e+00	5.5918e-20	3.1176e-03	0.0000e+00	0.0000e+00
347	2076	-5.4698e-02	0.0000e+00	-6.1788e-20	-1.1258e-03	0.0000e+00	0.0000e+00
	2105	5.4698e-02	0.0000e+00	6.1788e-20	1.1258e-03	0.0000e+00	0.0000e+00
348	2072	-2.5818e-02	0.0000e+00	-6.2422e-20	1.7602e-03	0.0000e+00	0.0000e+00
	2103	2.5818e-02	0.0000e+00	6.2422e-20	-1.7602e-03	0.0000e+00	0.0000e+00
349	2103	-2.2044e-02	0.0000e+00	0.0000e+00	-1.4609e-03	0.0000e+00	0.0000e+00
	2120	2.2044e-02	0.0000e+00	0.0000e+00	1.4609e-03	0.0000e+00	0.0000e+00
350	2105	-5.7809e-02	0.0000e+00	0.0000e+00	-2.1370e-03	0.0000e+00	0.0000e+00
	2122	5.7809e-02	0.0000e+00	0.0000e+00	2.1370e-03	0.0000e+00	0.0000e+00
351	2106	-1.9372e-01	0.0000e+00	0.0000e+00	-1.8808e-03	0.0000e+00	0.0000e+00
	2123	1.9372e-01	0.0000e+00	0.0000e+00	1.8808e-03	0.0000e+00	0.0000e+00
352	2108	1.8681e-02	0.0000e+00	0.0000e+00	-7.6261e-04	0.0000e+00	0.0000e+00
	2125	-1.8681e-02	0.0000e+00	0.0000e+00	7.6261e-04	0.0000e+00	0.0000e+00
353	2109	3.9802e-01	0.0000e+00	0.0000e+00	1.2770e-03	0.0000e+00	0.0000e+00
	1925	-3.9802e-01	0.0000e+00	0.0000e+00	-1.2770e-03	0.0000e+00	0.0000e+00
354	2111	1.2100e-01	0.0000e+00	0.0000e+00	2.2652e-03	0.0000e+00	0.0000e+00
	1983	-1.2100e-01	0.0000e+00	0.0000e+00	-2.2652e-03	0.0000e+00	0.0000e+00
355	2112	2.4770e-01	0.0000e+00	0.0000e+00	-1.3713e-03	0.0000e+00	0.0000e+00
	2005	-2.4770e-01	0.0000e+00	0.0000e+00	1.3713e-03	0.0000e+00	0.0000e+00
356	2085	-3.4723e-02	-6.1994e-18	7.8766e-19	4.3738e-03	0.0000e+00	0.0000e+00
	1921	3.4723e-02	6.1994e-18	-7.8766e-19	-4.3738e-03	0.0000e+00	0.0000e+00
357	1983	7.3491e-02	0.0000e+00	-1.1152e-18	2.0770e-02	0.0000e+00	0.0000e+00
	2059	-7.3491e-02	0.0000e+00	1.1152e-18	-2.0770e-02	0.0000e+00	0.0000e+00
358	2005	2.8059e-01	0.0000e+00	-9.8024e-19	1.3737e-02	0.0000e+00	0.0000e+00
	2085	-2.8059e-01	0.0000e+00	9.8024e-19	-1.3737e-02	0.0000e+00	0.0000e+00
359	1925	-1.2135e-01	0.0000e+00	-1.2098e-18	1.8137e-02	0.0000e+00	0.0000e+00
	2042	1.2135e-01	0.0000e+00	1.2098e-18	-1.8137e-02	0.0000e+00	0.0000e+00
360	2125	-8.7398e-03	0.0000e+00	-1.2449e-18	8.2030e-03	0.0000e+00	0.0000e+00
	2025	8.7398e-03	0.0000e+00	1.2449e-18	-8.2030e-03	0.0000e+00	0.0000e+00
361	2123	-1.8140e-01	0.0000e+00	-1.2531e-18	-6.6703e-03	0.0000e+00	0.0000e+00
	2008	1.8140e-01	0.0000e+00	1.2531e-18	6.6703e-03	0.0000e+00	0.0000e+00
362	2122	-5.7015e-02	0.0000e+00	-1.2970e-18	-1.9782e-02	0.0000e+00	0.0000e+00
	1996	5.7015e-02	0.0000e+00	1.2970e-18	1.9782e-02	0.0000e+00	0.0000e+00
363	2120	-1.9455e-02	0.0000e+00	-1.4247e-18	-2.6374e-02	0.0000e+00	0.0000e+00
	1919	1.9455e-02	0.0000e+00	1.4247e-18	2.6374e-02	0.0000e+00	0.0000e+00
364	2059	2.4934e-02	-4.9761e-18	6.5734e-19	-3.5784e-02	0.0000e+00	0.0000e+00
	1920	-2.4934e-02	4.9761e-18	-6.5734e-19	3.5784e-02	0.0000e+00	0.0000e+00
365	2042	-3.6524e-01	-3.1625e-18	5.3156e-19	-4.3328e-02	0.0000e+00	0.0000e+00
	1918	3.6524e-01	3.1625e-18	-5.3156e-19	4.3328e-02	0.0000e+00	0.0000e+00
366	2025	-2.0384e-02	-1.6308e-18	4.7786e-19	-3.1771e-02	0.0000e+00	0.0000e+00
	1917	2.0384e-02	1.6308e-18	-4.7786e-19	3.1771e-02	0.0000e+00	0.0000e+00
367	2008	-2.3967e-01	-8.0694e-19	4.6617e-19	-1.2485e-02	0.0000e+00	0.0000e+00
	2107	2.3967e-01	8.0694e-19	-4.6617e-19	1.2485e-02	0.0000e+00	0.0000e+00
368	1996	-4.9298e-02	-8.4032e-19	4.5248e-19	6.7481e-04	0.0000e+00	0.0000e+00
	2080	4.9298e-02	8.4032e-19	-4.5248e-19	-6.7481e-04	0.0000e+00	0.0000e+00
369	1919	-5.6765e-01	-1.2059e-18	4.1404e-19	-3.5635e-03	0.0000e+00	0.0000e+00
	2079	5.6765e-01	1.2059e-18	-4.1404e-19	3.5635e-03	0.0000e+00	0.0000e+00
370	2097	-4.9572e-02	3.5882e-18	1.1698e-18	-8.7660e-02	0.0000e+00	0.0000e+00
	2039	4.9572e-02	-3.5882e-18	-1.1698e-18	8.7660e-02	0.0000e+00	0.0000e+00
371	2098	-4.8517e-01	7.9802e-19	6.8906e-19	-7.1537e-02	0.0000e+00	0.0000e+00
	2056	4.8517e-01	-7.9802e-19	-6.8906e-19	7.1537e-02	0.0000e+00	0.0000e+00
372	2119	-1.1983e-01	0.0000e+00	-1.7419e-18	-1.3570e-02	0.0000e+00	0.0000e+00
	2098	1.1983e-01	0.0000e+00	1.7419e-18	1.3570e-02	0.0000e+00	0.0000e+00
373	2118	-7.0695e-02	0.0000e+00	-1.8295e-18	-9.9262e-03	0.0000e+00	0.0000e+00

	2097	7.0695e-02	0.0000e+00	1.8295e-18	9.9262e-03	0.0000e+00	0.0000e+00
374	2102	-1.1101e-01	0.0000e+00	0.0000e+00	1.8984e-03	0.0000e+00	0.0000e+00
	2119	1.1101e-01	0.0000e+00	0.0000e+00	-1.8984e-03	0.0000e+00	0.0000e+00
375	2101	-8.3590e-02	0.0000e+00	0.0000e+00	2.6748e-03	0.0000e+00	0.0000e+00
	2118	8.3590e-02	0.0000e+00	0.0000e+00	-2.6748e-03	0.0000e+00	0.0000e+00
376	2070	-1.0579e-01	0.0000e+00	2.2490e-20	8.9045e-03	0.0000e+00	0.0000e+00
	2102	1.0579e-01	0.0000e+00	-2.2490e-20	-8.9045e-03	0.0000e+00	0.0000e+00
377	2068	-9.2243e-02	0.0000e+00	1.2575e-19	1.0433e-02	0.0000e+00	0.0000e+00
	2101	9.2243e-02	0.0000e+00	-1.2575e-19	-1.0433e-02	0.0000e+00	0.0000e+00
378	2069	-1.0660e-01	-3.1389e-20	1.6908e-19	3.5136e-02	0.0000e+00	0.0000e+00
	2070	1.0660e-01	3.1389e-20	-1.6908e-19	-3.5136e-02	0.0000e+00	0.0000e+00
379	2067	-9.4790e-02	4.0148e-19	2.9418e-19	3.9736e-02	0.0000e+00	0.0000e+00
	2068	9.4790e-02	-4.0148e-19	-2.9418e-19	-3.9736e-02	0.0000e+00	0.0000e+00
380	2022	-1.0868e-02	1.1750e-18	-4.5473e-19	1.1204e-02	0.0000e+00	0.0000e+00
	1926	1.0868e-02	-1.1750e-18	4.5473e-19	-1.1204e-02	0.0000e+00	0.0000e+00
381	1993	1.3263e-02	2.4573e-19	-2.5054e-19	4.9072e-02	0.0000e+00	0.0000e+00
	1924	-1.3263e-02	-2.4573e-19	2.5054e-19	-4.9072e-02	0.0000e+00	0.0000e+00
382	1916	7.9390e-02	-1.9317e-18	1.7161e-19	7.0749e-02	0.0000e+00	0.0000e+00
	1923	-7.9390e-02	1.9317e-18	-1.7161e-19	-7.0749e-02	0.0000e+00	0.0000e+00
383	2086	2.6189e-02	-4.3725e-18	6.2155e-19	6.2979e-02	0.0000e+00	0.0000e+00
	1922	-2.6189e-02	4.3725e-18	-6.2155e-19	-6.2979e-02	0.0000e+00	0.0000e+00
384	2065	-9.7036e-02	0.0000e+00	-8.1458e-19	1.7239e-02	0.0000e+00	0.0000e+00
	2022	9.7036e-02	0.0000e+00	8.1458e-19	-1.7239e-02	0.0000e+00	0.0000e+00
385	2048	7.7022e-03	0.0000e+00	-9.6333e-19	7.1399e-03	0.0000e+00	0.0000e+00
	1993	-7.7022e-03	0.0000e+00	9.6333e-19	-7.1399e-03	0.0000e+00	0.0000e+00
386	2031	7.4699e-02	0.0000e+00	-9.7708e-19	6.0507e-04	0.0000e+00	0.0000e+00
	1916	-7.4699e-02	0.0000e+00	9.7708e-19	-6.0507e-04	0.0000e+00	0.0000e+00
387	2014	4.9658e-02	0.0000e+00	-9.5213e-19	1.0690e-03	0.0000e+00	0.0000e+00
	2086	-4.9658e-02	0.0000e+00	9.5213e-19	-1.0690e-03	0.0000e+00	0.0000e+00
388	2113	6.3452e-02	0.0000e+00	0.0000e+00	-7.5492e-03	0.0000e+00	0.0000e+00
	2014	-6.3452e-02	0.0000e+00	0.0000e+00	7.5492e-03	0.0000e+00	0.0000e+00
389	2114	7.0785e-02	0.0000e+00	0.0000e+00	-5.8111e-03	0.0000e+00	0.0000e+00
	2031	-7.0785e-02	0.0000e+00	0.0000e+00	5.8111e-03	0.0000e+00	0.0000e+00
390	2115	5.1255e-04	0.0000e+00	0.0000e+00	3.6670e-04	0.0000e+00	0.0000e+00
	2048	-5.1255e-04	0.0000e+00	0.0000e+00	-3.6670e-04	0.0000e+00	0.0000e+00
391	2117	-8.6429e-02	0.0000e+00	0.0000e+00	8.5900e-03	0.0000e+00	0.0000e+00
	2065	8.6429e-02	0.0000e+00	0.0000e+00	-8.5900e-03	0.0000e+00	0.0000e+00
392	2092	7.4173e-02	0.0000e+00	-1.1440e-19	-7.2971e-04	0.0000e+00	0.0000e+00
	2113	-7.4173e-02	0.0000e+00	1.1440e-19	7.2971e-04	0.0000e+00	0.0000e+00
393	2094	6.6331e-02	0.0000e+00	-1.1142e-19	8.5930e-04	0.0000e+00	0.0000e+00
	2114	-6.6331e-02	0.0000e+00	1.1142e-19	-8.5930e-04	0.0000e+00	0.0000e+00
394	2096	1.9778e-03	0.0000e+00	-9.2903e-20	2.0934e-03	0.0000e+00	0.0000e+00
	2115	-1.9778e-03	0.0000e+00	9.2903e-20	-2.0934e-03	0.0000e+00	0.0000e+00
395	2100	-8.6806e-02	0.0000e+00	-5.9926e-20	2.9037e-03	0.0000e+00	0.0000e+00
	2117	8.6806e-02	0.0000e+00	5.9926e-20	-2.9037e-03	0.0000e+00	0.0000e+00
396	2091	7.7646e-02	-1.1276e-19	-7.8457e-21	-1.2195e-02	0.0000e+00	0.0000e+00
	2092	-7.7646e-02	1.1276e-19	7.8457e-21	1.2195e-02	0.0000e+00	0.0000e+00
397	2093	6.5544e-02	1.0333e-20	-4.6333e-20	-9.4464e-03	0.0000e+00	0.0000e+00
	2094	-6.5544e-02	-1.0333e-20	4.6333e-20	9.4464e-03	0.0000e+00	0.0000e+00
398	2095	-1.3042e-03	9.2004e-20	-7.2658e-20	-4.2805e-03	0.0000e+00	0.0000e+00
	2096	1.3042e-03	-9.2004e-20	7.2658e-20	4.2805e-03	0.0000e+00	0.0000e+00
399	2099	-8.1879e-02	1.0510e-19	-7.6016e-20	1.7351e-03	0.0000e+00	0.0000e+00
	2100	8.1879e-02	-1.0510e-19	7.6016e-20	-1.7351e-03	0.0000e+00	0.0000e+00
400	2066	-8.0898e-02	-1.0265e-19	7.4132e-20	-1.6017e-03	0.0000e+00	0.0000e+00
	2099	8.0898e-02	1.0265e-19	-7.4132e-20	1.6017e-03	0.0000e+00	0.0000e+00

401	2049	-8.3817e-02	0.0000e+00	7.7042e-20	-3.3160e-03	0.0000e+00	0.0000e+00
	2066	8.3817e-02	0.0000e+00	-7.7042e-20	3.3160e-03	0.0000e+00	0.0000e+00
402	2064	-1.6954e-03	-8.9038e-20	7.0493e-20	4.2958e-03	0.0000e+00	0.0000e+00
	2095	1.6954e-03	8.9038e-20	-7.0493e-20	-4.2958e-03	0.0000e+00	0.0000e+00
403	2063	6.5620e-02	-8.0558e-21	4.4351e-20	9.3880e-03	0.0000e+00	0.0000e+00
	2093	-6.5620e-02	8.0558e-21	-4.4351e-20	-9.3880e-03	0.0000e+00	0.0000e+00
404	2062	7.7834e-02	1.1396e-19	6.1656e-21	1.2145e-02	0.0000e+00	0.0000e+00
	2091	-7.7834e-02	-1.1396e-19	-6.1656e-21	-1.2145e-02	0.0000e+00	0.0000e+00
405	2061	2.1771e-01	2.7440e-19	-2.0093e-20	1.0412e-02	0.0000e+00	0.0000e+00
	2089	-2.1771e-01	-2.7440e-19	2.0093e-20	-1.0412e-02	0.0000e+00	0.0000e+00
406	2060	1.6619e-01	3.7551e-19	-3.4076e-20	8.8598e-03	0.0000e+00	0.0000e+00
	2087	-1.6619e-01	-3.7551e-19	3.4076e-20	-8.8598e-03	0.0000e+00	0.0000e+00
407	2058	1.6247e-01	4.7728e-19	-4.2739e-20	8.3544e-03	0.0000e+00	0.0000e+00
	2083	-1.6247e-01	-4.7728e-19	4.2739e-20	-8.3544e-03	0.0000e+00	0.0000e+00
408	2057	5.3638e-02	5.8429e-19	-4.6996e-20	6.7800e-03	0.0000e+00	0.0000e+00
	2081	-5.3638e-02	-5.8429e-19	4.6996e-20	-6.7800e-03	0.0000e+00	0.0000e+00
409	2054	-4.3901e-02	6.6867e-19	-4.5731e-20	-3.9738e-03	0.0000e+00	0.0000e+00
	2075	4.3901e-02	-6.6867e-19	4.5731e-20	3.9738e-03	0.0000e+00	0.0000e+00
410	2052	-3.3482e-02	5.8408e-19	-5.5704e-20	-1.3097e-02	0.0000e+00	0.0000e+00
	2071	3.3482e-02	-5.8408e-19	5.5704e-20	1.3097e-02	0.0000e+00	0.0000e+00
411	2051	-1.1176e-01	3.1182e-20	-1.7406e-19	-3.5156e-02	0.0000e+00	0.0000e+00
	2069	1.1176e-01	-3.1182e-20	1.7406e-19	3.5156e-02	0.0000e+00	0.0000e+00
412	2050	-9.2653e-02	-4.0157e-19	-2.9913e-19	-3.9730e-02	0.0000e+00	0.0000e+00
	2067	9.2653e-02	4.0157e-19	2.9913e-19	3.9730e-02	0.0000e+00	0.0000e+00
413	2047	7.3807e-04	0.0000e+00	1.1299e-19	-2.1558e-03	0.0000e+00	0.0000e+00
	2064	-7.3807e-04	0.0000e+00	-1.1299e-19	2.1558e-03	0.0000e+00	0.0000e+00
414	2046	6.6561e-02	0.0000e+00	1.3003e-19	-6.6853e-04	0.0000e+00	0.0000e+00
	2063	-6.6561e-02	0.0000e+00	-1.3003e-19	6.6853e-04	0.0000e+00	0.0000e+00
415	2045	7.5108e-02	0.0000e+00	1.2986e-19	9.7326e-04	0.0000e+00	0.0000e+00
	2062	-7.5108e-02	0.0000e+00	-1.2986e-19	-9.7326e-04	0.0000e+00	0.0000e+00
416	2044	2.2318e-01	0.0000e+00	1.1756e-19	2.6590e-03	0.0000e+00	0.0000e+00
	2061	-2.2318e-01	0.0000e+00	-1.1756e-19	-2.6590e-03	0.0000e+00	0.0000e+00
417	2043	1.6340e-01	0.0000e+00	9.8253e-20	3.8633e-03	0.0000e+00	0.0000e+00
	2060	-1.6340e-01	0.0000e+00	-9.8253e-20	-3.8633e-03	0.0000e+00	0.0000e+00
418	2041	2.7585e-01	0.0000e+00	8.1945e-20	4.4722e-03	0.0000e+00	0.0000e+00
	2058	-2.7585e-01	0.0000e+00	-8.1945e-20	-4.4722e-03	0.0000e+00	0.0000e+00
419	2040	5.9935e-02	0.0000e+00	7.5208e-20	4.3863e-03	0.0000e+00	0.0000e+00
	2057	-5.9935e-02	0.0000e+00	-7.5208e-20	-4.3863e-03	0.0000e+00	0.0000e+00
420	2038	-2.1656e-01	0.0000e+00	7.7492e-20	3.3415e-03	0.0000e+00	0.0000e+00
	2055	2.1656e-01	0.0000e+00	-7.7492e-20	-3.3415e-03	0.0000e+00	0.0000e+00
421	2037	-3.4389e-02	0.0000e+00	8.3910e-20	1.3465e-03	0.0000e+00	0.0000e+00
	2054	3.4389e-02	0.0000e+00	-8.3910e-20	-1.3465e-03	0.0000e+00	0.0000e+00
422	2035	-3.9202e-02	0.0000e+00	8.5503e-20	-1.5791e-03	0.0000e+00	0.0000e+00
	2052	3.9202e-02	0.0000e+00	-8.5503e-20	1.5791e-03	0.0000e+00	0.0000e+00
423	2034	-1.2204e-01	0.0000e+00	1.9323e-21	-8.8764e-03	0.0000e+00	0.0000e+00
	2051	1.2204e-01	0.0000e+00	-1.9323e-21	8.8764e-03	0.0000e+00	0.0000e+00
424	2033	-8.5421e-02	0.0000e+00	-1.0146e-19	-1.0439e-02	0.0000e+00	0.0000e+00
	2050	8.5421e-02	0.0000e+00	1.0146e-19	1.0439e-02	0.0000e+00	0.0000e+00
425	2032	-8.1279e-02	0.0000e+00	0.0000e+00	-7.2605e-03	0.0000e+00	0.0000e+00
	2049	8.1279e-02	0.0000e+00	0.0000e+00	7.2605e-03	0.0000e+00	0.0000e+00
426	2030	-1.7989e-03	0.0000e+00	0.0000e+00	-1.2079e-04	0.0000e+00	0.0000e+00
	2047	1.7989e-03	0.0000e+00	0.0000e+00	1.2079e-04	0.0000e+00	0.0000e+00
427	2029	7.1219e-02	0.0000e+00	0.0000e+00	5.1878e-03	0.0000e+00	0.0000e+00
	2046	-7.1219e-02	0.0000e+00	0.0000e+00	-5.1878e-03	0.0000e+00	0.0000e+00
428	2028	6.5784e-02	0.0000e+00	0.0000e+00	6.5691e-03	0.0000e+00	0.0000e+00

	2045	-6.5784e-02	0.0000e+00	0.0000e+00	-6.5691e-03	0.0000e+00	0.0000e+00
429	2027	2.3731e-01	0.0000e+00	0.0000e+00	9.6490e-04	0.0000e+00	0.0000e+00
	2044	-2.3731e-01	0.0000e+00	0.0000e+00	-9.6490e-04	0.0000e+00	0.0000e+00
430	2026	1.4878e-01	0.0000e+00	0.0000e+00	-2.4228e-03	0.0000e+00	0.0000e+00
	2043	-1.4878e-01	0.0000e+00	0.0000e+00	2.4228e-03	0.0000e+00	0.0000e+00
431	2024	3.5747e-01	0.0000e+00	0.0000e+00	-1.7630e-03	0.0000e+00	0.0000e+00
	2041	-3.5747e-01	0.0000e+00	0.0000e+00	1.7630e-03	0.0000e+00	0.0000e+00
432	2023	6.9333e-02	0.0000e+00	0.0000e+00	6.5500e-04	0.0000e+00	0.0000e+00
	2040	-6.9333e-02	0.0000e+00	0.0000e+00	-6.5500e-04	0.0000e+00	0.0000e+00
433	2021	-2.1826e-01	0.0000e+00	0.0000e+00	2.2776e-03	0.0000e+00	0.0000e+00
	2038	2.1826e-01	0.0000e+00	0.0000e+00	-2.2776e-03	0.0000e+00	0.0000e+00
434	2020	-1.2697e-02	0.0000e+00	0.0000e+00	2.2862e-03	0.0000e+00	0.0000e+00
	2037	1.2697e-02	0.0000e+00	0.0000e+00	-2.2862e-03	0.0000e+00	0.0000e+00
435	2018	-5.0918e-02	0.0000e+00	0.0000e+00	1.4662e-03	0.0000e+00	0.0000e+00
	2035	5.0918e-02	0.0000e+00	0.0000e+00	-1.4662e-03	0.0000e+00	0.0000e+00
436	2017	-1.4127e-01	0.0000e+00	0.0000e+00	-1.9078e-03	0.0000e+00	0.0000e+00
	2034	1.4127e-01	0.0000e+00	0.0000e+00	1.9078e-03	0.0000e+00	0.0000e+00
437	2016	-7.0468e-02	0.0000e+00	0.0000e+00	-2.6735e-03	0.0000e+00	0.0000e+00
	2033	7.0468e-02	0.0000e+00	0.0000e+00	2.6735e-03	0.0000e+00	0.0000e+00
438	2015	-8.9533e-02	0.0000e+00	8.6000e-19	-1.8283e-02	0.0000e+00	0.0000e+00
	2032	8.9533e-02	0.0000e+00	-8.6000e-19	1.8283e-02	0.0000e+00	0.0000e+00
439	2013	4.0530e-03	0.0000e+00	1.0144e-18	-7.2957e-03	0.0000e+00	0.0000e+00
	2030	-4.0530e-03	0.0000e+00	-1.0144e-18	7.2957e-03	0.0000e+00	0.0000e+00
440	2012	7.5390e-02	0.0000e+00	1.0247e-18	-1.2598e-04	0.0000e+00	0.0000e+00
	2029	-7.5390e-02	0.0000e+00	-1.0247e-18	1.2598e-04	0.0000e+00	0.0000e+00
441	2011	5.4022e-02	0.0000e+00	9.9151e-19	-3.8119e-04	0.0000e+00	0.0000e+00
	2028	-5.4022e-02	0.0000e+00	-9.9151e-19	3.8119e-04	0.0000e+00	0.0000e+00
442	2010	2.6155e-01	0.0000e+00	1.0155e-18	-1.3751e-02	0.0000e+00	0.0000e+00
	2027	-2.6155e-01	0.0000e+00	-1.0155e-18	1.3751e-02	0.0000e+00	0.0000e+00
443	2009	1.2221e-01	0.0000e+00	1.1588e-18	-2.0997e-02	0.0000e+00	0.0000e+00
	2026	-1.2221e-01	0.0000e+00	-1.1588e-18	2.0997e-02	0.0000e+00	0.0000e+00
444	2007	3.5224e-01	0.0000e+00	1.2572e-18	-1.8209e-02	0.0000e+00	0.0000e+00
	2024	-3.5224e-01	0.0000e+00	-1.2572e-18	1.8209e-02	0.0000e+00	0.0000e+00
445	2006	7.8310e-02	0.0000e+00	1.2956e-18	-8.1217e-03	0.0000e+00	0.0000e+00
	2023	-7.8310e-02	0.0000e+00	-1.2956e-18	8.1217e-03	0.0000e+00	0.0000e+00
446	2004	3.0377e-01	0.0000e+00	1.3068e-18	6.7953e-03	0.0000e+00	0.0000e+00
	2021	-3.0377e-01	0.0000e+00	-1.3068e-18	-6.7953e-03	0.0000e+00	0.0000e+00
447	2003	1.8552e-02	0.0000e+00	1.3557e-18	2.0148e-02	0.0000e+00	0.0000e+00
	2020	-1.8552e-02	0.0000e+00	-1.3557e-18	-2.0148e-02	0.0000e+00	0.0000e+00
448	2001	-6.8942e-02	9.1401e-19	0.0000e+00	2.6787e-02	0.0000e+00	0.0000e+00
	2018	6.8942e-02	-9.1401e-19	0.0000e+00	-2.6787e-02	0.0000e+00	0.0000e+00
449	2000	-1.6764e-01	2.4872e-19	0.0000e+00	1.3772e-02	0.0000e+00	0.0000e+00
	2017	1.6764e-01	-2.4872e-19	0.0000e+00	-1.3772e-02	0.0000e+00	0.0000e+00
450	1999	-4.9318e-02	1.3626e-19	0.0000e+00	1.0102e-02	0.0000e+00	0.0000e+00
	2016	4.9318e-02	-1.3626e-19	0.0000e+00	-1.0102e-02	0.0000e+00	0.0000e+00
451	1982	-9.6111e-02	-1.2388e-18	4.8588e-19	-9.8611e-03	0.0000e+00	0.0000e+00
	2015	9.6111e-02	1.2388e-18	-4.8588e-19	9.8611e-03	0.0000e+00	0.0000e+00
452	1984	7.6699e-03	-3.2691e-19	2.8696e-19	-4.8844e-02	0.0000e+00	0.0000e+00
	2013	-7.6699e-03	3.2691e-19	-2.8696e-19	4.8844e-02	0.0000e+00	0.0000e+00
453	1985	-2.6204e-03	1.8654e-18	-1.3755e-19	-7.1338e-02	0.0000e+00	0.0000e+00
	2012	2.6204e-03	-1.8654e-18	1.3755e-19	7.1338e-02	0.0000e+00	0.0000e+00
454	1986	3.2499e-02	4.3370e-18	-5.9298e-19	-6.3778e-02	0.0000e+00	0.0000e+00
	2011	-3.2499e-02	-4.3370e-18	5.9298e-19	6.3778e-02	0.0000e+00	0.0000e+00
455	1998	3.1167e-01	6.1926e-18	-7.6162e-19	-4.3825e-03	0.0000e+00	0.0000e+00
	2010	-3.1167e-01	-6.1926e-18	7.6162e-19	4.3825e-03	0.0000e+00	0.0000e+00

456	1997	7.2024e-02	4.9495e-18	-6.2920e-19	3.6403e-02	0.0000e+00	0.0000e+00
	2009	-7.2024e-02	-4.9495e-18	6.2920e-19	-3.6403e-02	0.0000e+00	0.0000e+00
457	1995	2.1207e-01	3.1057e-18	-5.0134e-19	4.4135e-02	0.0000e+00	0.0000e+00
	2007	-2.1207e-01	-3.1057e-18	5.0134e-19	-4.4135e-02	0.0000e+00	0.0000e+00
458	1994	5.8133e-02	1.5334e-18	-4.4339e-19	3.1968e-02	0.0000e+00	0.0000e+00
	2006	-5.8133e-02	-1.5334e-18	4.4339e-19	-3.1968e-02	0.0000e+00	0.0000e+00
459	1992	5.7814e-01	7.3601e-19	-4.2830e-19	1.1964e-02	0.0000e+00	0.0000e+00
	2004	-5.7814e-01	-7.3601e-19	4.2830e-19	-1.1964e-02	0.0000e+00	0.0000e+00
460	1991	3.8028e-02	7.9016e-19	-4.1372e-19	-1.3146e-03	0.0000e+00	0.0000e+00
	2003	-3.8028e-02	-7.9016e-19	4.1372e-19	1.3146e-03	0.0000e+00	0.0000e+00
461	1989	5.2936e-01	1.1804e-18	-3.7343e-19	2.9187e-03	0.0000e+00	0.0000e+00
	2001	-5.2936e-01	-1.1804e-18	3.7343e-19	-2.9187e-03	0.0000e+00	0.0000e+00
462	1988	3.5216e-01	-7.9433e-19	-6.4519e-19	7.1428e-02	0.0000e+00	0.0000e+00
	2000	-3.5216e-01	7.9433e-19	6.4519e-19	-7.1428e-02	0.0000e+00	0.0000e+00
463	1987	-1.5032e-02	-3.5871e-18	-1.1264e-18	8.7718e-02	0.0000e+00	0.0000e+00
	1999	1.5032e-02	3.5871e-18	1.1264e-18	-8.7718e-02	0.0000e+00	0.0000e+00
464	1926	-1.2184e+00	-2.8444e-01	-3.8033e-03	-4.3718e-02	5.6665e-01	-4.2380e+01
	1981	1.2184e+00	2.8444e-01	3.8033e-03	4.3718e-02	0.0000e+00	0.0000e+00
465	1924	-1.2498e+00	-5.8403e-02	7.0651e-03	5.9937e-02	-1.2874e-01	-4.8127e+01
	1926	1.2498e+00	5.8403e-02	-7.0651e-03	-5.9937e-02	-5.6516e-01	4.2391e+01
466	1923	-1.2493e+00	6.7959e-02	-6.1975e-03	4.6645e-02	4.8909e-01	-4.1342e+01
	1924	1.2493e+00	-6.7959e-02	6.1975e-03	-4.6645e-02	1.3413e-01	4.8176e+01
467	1922	-1.2944e+00	1.0445e-01	9.9457e-03	5.9702e-02	-4.8883e-01	-3.1158e+01
	1923	1.2944e+00	-1.0445e-01	-9.9457e-03	-5.9702e-02	-4.8768e-01	4.1413e+01
468	1949	-1.2299e+00	4.1656e-01	-1.6243e-02	-6.1158e-02	5.6960e-01	-4.0824e+00
	1922	1.2299e+00	-4.1656e-01	1.6243e-02	6.1158e-02	4.8865e-01	3.1221e+01
469	1921	-9.7407e-01	-3.1493e-01	-1.4993e-02	-5.7468e-02	1.1482e+00	-1.6233e+01
	1949	9.7407e-01	3.1493e-01	1.4993e-02	5.7468e-02	-5.6979e-01	4.0824e+00
470	1920	-9.8274e-01	-2.8120e-01	1.6347e-02	-1.7337e-02	-5.0782e-01	-4.4748e+01
	1921	9.8274e-01	2.8120e-01	-1.6347e-02	1.7337e-02	-1.1495e+00	1.6238e+01
471	1918	-1.0060e+00	-1.8093e-01	-8.5873e-03	-6.8328e-02	3.6298e-01	-6.2968e+01
	1920	1.0060e+00	1.8093e-01	8.5873e-03	6.8328e-02	5.0350e-01	4.4712e+01
472	1917	-8.4098e-01	-9.8259e-02	-2.0639e-03	-2.7874e-02	5.7643e-01	-7.2835e+01
	1918	8.4098e-01	9.8259e-02	2.0639e-03	2.7874e-02	-3.6826e-01	6.2925e+01
473	2107	-8.4657e-01	-1.4769e-02	1.8320e-02	2.9160e-02	-1.3200e+00	-7.4332e+01
	1917	8.4657e-01	1.4769e-02	-1.8320e-02	-2.9160e-02	-5.7637e-01	7.2803e+01
474	2080	-7.0071e-01	5.3578e-02	-2.4823e-02	-1.1226e-01	1.1353e+00	-6.9030e+01
	2107	7.0071e-01	-5.3578e-02	2.4823e-02	1.1226e-01	1.3155e+00	7.4320e+01
475	2079	-6.9077e-01	1.2927e-01	2.4475e-02	1.1549e-02	-1.3229e+00	-5.6018e+01
	2080	6.9077e-01	-1.2927e-01	-2.4475e-02	-1.1549e-02	-1.1408e+00	6.9031e+01
476	2056	-3.5387e-01	1.8598e-01	3.0374e-02	3.3292e-02	-1.7307e+00	-2.3060e+01
	1959	3.5387e-01	-1.8598e-01	-3.0374e-02	-3.3292e-02	-8.7739e-01	3.9029e+01
477	2039	-7.0190e-02	1.7066e-01	-3.3679e-02	-8.2190e-02	1.6963e+00	-5.6301e+00
	2056	7.0190e-02	-1.7066e-01	3.3679e-02	8.2190e-02	1.7291e+00	2.2988e+01
478	1960	-5.7525e-02	1.7534e-01	1.5893e-02	4.2049e-02	1.2746e+00	-8.7365e-01
	2039	5.7525e-02	-1.7534e-01	-1.5893e-02	-4.2049e-02	-1.6978e+00	5.5424e+00
479	2022	1.0851e+00	5.2688e-02	2.8320e-03	8.8159e-02	-4.2194e-01	7.8501e+00
	1980	-1.0851e+00	-5.2688e-02	-2.8320e-03	-8.8159e-02	0.0000e+00	0.0000e+00
480	1993	1.1240e+00	-1.4286e-01	-6.5338e-03	9.8572e-03	2.1078e-01	-6.1871e+00
	2022	-1.1240e+00	1.4286e-01	6.5338e-03	-9.8572e-03	4.3094e-01	-7.8444e+00
481	1916	1.1038e+00	-2.5551e-01	-9.7337e-04	3.1068e-02	3.0659e-01	-3.1839e+01
	1993	-1.1038e+00	2.5551e-01	9.7337e-04	-3.1068e-02	-2.0871e-01	6.1452e+00
482	2086	1.0950e+00	-2.8470e-01	7.0998e-03	3.8882e-02	-3.9144e-01	-5.9722e+01
	1916	-1.0950e+00	2.8470e-01	-7.0998e-03	-3.8882e-02	-3.0564e-01	3.1769e+01
483	1948	9.9271e-01	-5.4284e-01	-1.6370e-02	-5.7631e-02	6.7735e-01	-9.5026e+01

	2086	-9.9271e-01	5.4284e-01	1.6370e-02	5.7631e-02	3.8913e-01	5.9660e+01
484	2085	7.2849e-01	2.1224e-01	-1.8713e-02	-5.3247e-02	1.3995e+00	-8.6838e+01
	1948	-7.2849e-01	-2.1224e-01	1.8713e-02	5.3247e-02	-6.7750e-01	9.5026e+01
485	2059	5.5446e-01	1.7773e-01	2.4693e-02	-4.8048e-03	-1.1031e+00	-6.8828e+01
	2085	-5.5446e-01	-1.7773e-01	-2.4693e-02	4.8048e-03	-1.4005e+00	8.6847e+01
486	2042	5.6953e-01	1.2106e-01	-2.3863e-02	-1.1574e-01	1.3108e+00	-5.6669e+01
	2059	-5.6953e-01	-1.2106e-01	2.3863e-02	1.1574e-01	1.0970e+00	6.8884e+01
487	2025	4.3524e-01	5.0519e-02	1.5071e-02	2.8821e-02	-2.0441e-01	-5.1635e+01
	2042	-4.3524e-01	-5.0519e-02	-1.5071e-02	-2.8821e-02	-1.3156e+00	5.6730e+01
488	2008	4.3810e-01	7.3113e-03	3.4265e-03	8.5034e-03	-5.6093e-01	-5.0918e+01
	2025	-4.3810e-01	-7.3113e-03	-3.4265e-03	-8.5034e-03	2.0626e-01	5.1675e+01
489	1996	3.9067e-01	-9.7608e-02	-7.2976e-03	-5.1626e-02	1.6184e-01	-6.0561e+01
	2008	-3.9067e-01	9.7608e-02	7.2976e-03	5.1626e-02	5.5866e-01	5.0924e+01
490	1919	3.7777e-01	-1.3941e-01	4.1959e-04	-3.3767e-02	1.2425e-01	-7.4574e+01
	1996	-3.7777e-01	1.3941e-01	-4.1959e-04	3.3767e-02	-1.6648e-01	6.0541e+01
491	2098	3.9726e-01	4.7437e-01	4.2610e-03	-2.8377e-02	-4.2474e-01	-5.5476e+01
	1958	-3.9726e-01	-4.7437e-01	-4.2610e-03	2.8377e-02	5.8857e-02	9.6209e+01
492	2097	2.5386e-01	4.3803e-01	-1.2732e-02	-5.6513e-02	8.7309e-01	-1.0982e+01
	2098	-2.5386e-01	-4.3803e-01	1.2732e-02	5.6513e-02	4.2189e-01	5.5534e+01
493	1961	2.8520e-01	4.1830e-01	8.3911e-03	7.4697e-03	6.5145e-01	7.8019e-02
	2097	-2.8520e-01	-4.1830e-01	-8.3911e-03	-7.4697e-03	-8.7488e-01	1.1060e+01
494	2065	4.6362e-01	-4.3412e-02	3.4777e-03	8.8641e-02	-5.1814e-01	-6.4680e+00
	1979	-4.6362e-01	4.3412e-02	-3.4777e-03	-8.8641e-02	0.0000e+00	0.0000e+00
495	2048	4.4802e-01	-1.2690e-01	-7.1286e-03	-6.9500e-03	1.7452e-01	-1.8923e+01
	2065	-4.4802e-01	1.2690e-01	7.1286e-03	6.9500e-03	5.2562e-01	6.4593e+00
496	2031	4.3294e-01	-1.7145e-01	6.1011e-05	1.0689e-02	1.6819e-01	-3.6157e+01
	2048	-4.3294e-01	1.7145e-01	-6.1011e-05	-1.0689e-02	-1.7433e-01	1.8916e+01
497	2014	4.2827e-01	-1.8279e-01	3.9757e-03	1.5114e-02	-2.2249e-01	-5.4098e+01
	2031	-4.2827e-01	1.8279e-01	-3.9757e-03	-1.5114e-02	-1.6785e-01	3.6151e+01
498	1947	3.7085e-01	-2.8160e-01	-9.8176e-03	-3.9533e-02	4.2014e-01	-7.2435e+01
	2014	-3.7085e-01	2.8160e-01	9.8176e-03	3.9533e-02	2.1947e-01	5.4089e+01
499	2005	2.5587e-01	4.6541e-02	-1.2763e-02	-3.6811e-02	9.1267e-01	-7.0639e+01
	1947	-2.5587e-01	-4.6541e-02	1.2763e-02	3.6811e-02	-4.2025e-01	7.2435e+01
500	1983	2.5733e-01	3.7634e-02	2.0122e-02	-5.1150e-03	-1.1267e+00	-6.6809e+01
	2005	-2.5733e-01	-3.7634e-02	-2.0122e-02	5.1150e-03	-9.1339e-01	7.0624e+01
501	1925	2.5981e-01	1.1559e-02	-2.7392e-02	-1.1842e-01	1.6434e+00	-6.5624e+01
	1983	-2.5981e-01	-1.1559e-02	2.7392e-02	1.1842e-01	1.1205e+00	6.6790e+01
502	2125	-4.3965e-03	-3.0286e-02	2.2820e-02	6.2648e-02	-6.5513e-01	-6.8661e+01
	1925	4.3965e-03	3.0286e-02	-2.2820e-02	-6.2648e-02	-1.6465e+00	6.5607e+01
503	2123	-7.3645e-03	-2.9705e-02	-4.6007e-03	-2.3245e-03	-1.8189e-01	-7.1727e+01
	2125	7.3645e-03	2.9705e-02	4.6007e-03	2.3245e-03	6.5812e-01	6.8652e+01
504	2122	-3.6518e-03	-2.9823e-02	-1.8005e-03	-2.1373e-02	-2.9011e-03	-7.4677e+01
	2123	3.6518e-03	2.9823e-02	1.8005e-03	2.1373e-02	1.8066e-01	7.1732e+01
505	2120	-6.8651e-03	-2.9251e-02	-1.0065e-03	-2.1562e-02	1.0076e-01	-7.7639e+01
	2122	6.8651e-03	2.9251e-02	1.0065e-03	2.1562e-02	5.6572e-04	7.4695e+01
506	2119	1.9159e-01	3.8822e-01	1.3175e-03	-2.3019e-02	-2.0466e-01	-4.7581e+01
	1957	-1.9159e-01	-3.8822e-01	-1.3175e-03	2.3019e-02	9.1535e-02	8.0917e+01
507	2118	2.1708e-01	3.7457e-01	-7.5031e-03	-3.6630e-02	5.6047e-01	-9.4993e+00
	2119	-2.1708e-01	-3.7457e-01	7.5031e-03	3.6630e-02	2.0267e-01	4.7597e+01
508	1962	2.4388e-01	3.5770e-01	5.3918e-03	4.4445e-03	4.1808e-01	1.2516e-02
	2118	-2.4388e-01	-3.5770e-01	-5.3918e-03	-4.4445e-03	-5.6165e-01	9.5119e+00
509	2117	1.7902e-01	-9.1776e-02	-1.6827e-04	1.0707e-02	2.5071e-02	-1.3674e+01
	1978	-1.7902e-01	9.1776e-02	1.6827e-04	-1.0707e-02	0.0000e+00	0.0000e+00
510	2115	1.5938e-01	-1.2277e-01	2.0882e-04	1.5083e-02	2.1997e-03	-2.5726e+01
	2117	-1.5938e-01	1.2277e-01	-2.0882e-04	-1.5083e-02	-2.2709e-02	1.3668e+01

511	2114	1.4618e-01	-1.3822e-01	-1.2564e-03	1.5228e-02	1.2702e-01	-3.9627e+01
	2115	-1.4618e-01	1.3822e-01	1.2564e-03	-1.5228e-02	-6.6700e-04	2.5727e+01
512	2113	1.4249e-01	-1.4202e-01	3.1967e-03	1.8568e-02	-1.8729e-01	-5.3577e+01
	2114	-1.4249e-01	1.4202e-01	-3.1967e-03	-1.8568e-02	-1.2657e-01	3.9633e+01
513	1946	1.0361e-01	-1.7245e-01	-7.5244e-03	-2.7609e-02	3.0404e-01	-6.4819e+01
	2113	-1.0361e-01	1.7245e-01	7.5244e-03	2.7609e-02	1.8617e-01	5.3584e+01
514	2112	4.6357e-02	-9.1430e-03	-7.4712e-03	-2.5640e-02	5.9236e-01	-6.5172e+01
	1946	-4.6357e-02	9.1430e-03	7.4712e-03	2.5640e-02	-3.0411e-01	6.4819e+01
515	2111	4.6011e-02	-1.0746e-02	1.3140e-02	-5.0672e-03	-7.3935e-01	-6.6260e+01
	2112	-4.6011e-02	1.0746e-02	-1.3140e-02	5.0672e-03	-5.9289e-01	6.5171e+01
516	2109	4.4697e-02	-1.5320e-02	-1.8369e-02	-7.9409e-02	1.1184e+00	-6.7800e+01
	2111	-4.4697e-02	1.5320e-02	1.8369e-02	7.9409e-02	7.3509e-01	6.6254e+01
517	2108	3.5814e-02	-2.0486e-02	1.6040e-02	4.3534e-02	-4.9748e-01	-6.9859e+01
	2109	-3.5814e-02	2.0486e-02	-1.6040e-02	-4.3534e-02	-1.1203e+00	6.7793e+01
518	2106	3.3617e-02	-2.3921e-02	-4.9273e-03	-5.7829e-03	1.0686e-02	-7.2332e+01
	2108	-3.3617e-02	2.3921e-02	4.9273e-03	5.7829e-03	4.9934e-01	6.9855e+01
519	2105	-2.7062e-03	-2.2101e-02	1.1786e-03	-4.3758e-03	-1.0515e-01	-7.4513e+01
	2106	2.7062e-03	2.2101e-02	-1.1786e-03	4.3758e-03	-1.1208e-02	7.2331e+01
520	2103	-5.0874e-03	-2.1677e-02	-1.9326e-03	-1.5756e-02	9.0478e-02	-7.6696e+01
	2105	5.0874e-03	2.1677e-02	1.9326e-03	1.5756e-02	1.0406e-01	7.4514e+01
521	2102	1.8724e-01	3.7942e-01	3.5209e-04	-1.8988e-02	-1.0409e-01	-4.6519e+01
	1956	-1.8724e-01	-3.7942e-01	-3.5209e-04	1.8988e-02	7.3856e-02	7.9098e+01
522	2101	2.1215e-01	3.6607e-01	-4.8707e-03	-2.5894e-02	3.9281e-01	-9.2927e+00
	2102	-2.1215e-01	-3.6607e-01	4.8707e-03	2.5894e-02	1.0259e-01	4.6526e+01
523	1963	2.3835e-01	3.4958e-01	3.7822e-03	2.8939e-03	2.9294e-01	7.8107e-03
	2101	-2.3835e-01	-3.4958e-01	-3.7822e-03	-2.8939e-03	-3.9365e-01	9.3005e+00
524	2100	1.7947e-01	-9.7232e-02	1.7732e-03	4.2645e-02	-2.6420e-01	-1.4487e+01
	1977	-1.7947e-01	9.7232e-02	-1.7732e-03	-4.2645e-02	0.0000e+00	0.0000e+00
525	2099	-4.5185e-02	-1.3987e-01	5.0543e-04	1.3532e-02	-7.5304e-02	-2.0840e+01
	1976	4.5185e-02	1.3987e-01	-5.0543e-04	-1.3532e-02	0.0000e+00	0.0000e+00
526	2096	1.5882e-01	-1.2821e-01	-3.1544e-03	-6.0537e-03	4.2258e-02	-2.7078e+01
	2100	-1.5882e-01	1.2821e-01	3.1544e-03	6.0537e-03	2.6755e-01	1.4485e+01
527	2095	-6.9841e-02	-1.2934e-01	-4.7529e-04	-3.7174e-04	-2.9829e-02	-3.3539e+01
	2099	6.9841e-02	1.2934e-01	4.7529e-04	3.7174e-04	7.6509e-02	2.0836e+01
528	2094	1.4508e-01	-1.4358e-01	1.2770e-04	-1.7603e-03	2.9811e-02	-4.1510e+01
	2096	-1.4508e-01	1.4358e-01	-1.2770e-04	1.7603e-03	-4.2653e-02	2.7072e+01
529	2093	-8.2531e-02	-1.2163e-01	-8.4177e-05	-3.3786e-03	-2.1174e-02	-4.5780e+01
	2095	8.2531e-02	1.2163e-01	8.4177e-05	3.3786e-03	2.9639e-02	3.3548e+01
530	2092	1.4125e-01	-1.4735e-01	9.1482e-04	-9.7466e-04	-5.9973e-02	-5.5967e+01
	2094	-1.4125e-01	1.4735e-01	-9.1482e-04	9.7466e-04	-2.9847e-02	4.1500e+01
531	2091	-8.5705e-02	-1.1942e-01	-1.5973e-04	-3.9351e-03	-5.3950e-03	-5.7523e+01
	2093	8.5705e-02	1.1942e-01	1.5973e-04	3.9351e-03	2.1078e-02	4.5798e+01
532	1945	1.0110e-01	-1.7732e-01	-2.5581e-03	-1.5553e-02	1.0873e-01	-6.7508e+01
	2092	-1.0110e-01	1.7732e-01	2.5581e-03	1.5553e-02	5.7930e-02	5.5956e+01
533	1944	-1.1221e-01	-9.4947e-02	-3.4858e-04	-5.1306e-03	1.8436e-02	-6.3733e+01
	2091	1.1221e-01	9.4947e-02	3.4858e-04	5.1306e-03	4.2741e-03	5.7548e+01
534	2090	3.8850e-02	5.2346e-04	-3.6905e-03	-1.4841e-02	2.5115e-01	-6.7487e+01
	1945	-3.8850e-02	-5.2346e-04	3.6905e-03	1.4841e-02	-1.0877e-01	6.7508e+01
535	2089	-1.3629e-01	-2.5677e-02	-2.6084e-05	-5.0049e-03	1.9450e-02	-6.4724e+01
	1944	1.3629e-01	2.5677e-02	2.6084e-05	5.0049e-03	-1.8444e-02	6.3733e+01
536	2088	3.8845e-02	-8.2513e-04	5.1426e-03	-6.1163e-03	-2.6987e-01	-6.7564e+01
	2090	-3.8845e-02	8.2513e-04	-5.1426e-03	6.1163e-03	-2.5152e-01	6.7480e+01
537	2087	-1.3710e-01	-2.0931e-02	5.1780e-04	-4.3269e-03	-3.2886e-02	-6.6867e+01
	2089	1.3710e-01	2.0931e-02	-5.1780e-04	4.3269e-03	-1.9612e-02	6.4745e+01
538	2084	3.8565e-02	-4.7282e-03	-6.9893e-03	-3.3230e-02	4.3735e-01	-6.8036e+01

	2088	-3.8565e-02	4.7282e-03	6.9893e-03	3.3230e-02	2.6789e-01	6.7559e+01
539	2083	-1.3851e-01	-7.0350e-03	-1.0235e-03	-7.6128e-03	7.0989e-02	-6.7594e+01
	2087	1.3851e-01	7.0350e-03	1.0235e-03	7.6128e-03	3.2284e-02	6.6884e+01
540	2082	7.1750e-02	-7.2362e-03	6.7407e-03	1.4796e-02	-2.4152e-01	-6.8762e+01
	2084	-7.1750e-02	7.2362e-03	-6.7407e-03	-1.4796e-02	-4.3834e-01	6.8032e+01
541	2081	-6.7606e-02	1.1777e-02	1.0437e-03	-6.8899e-05	-3.3889e-02	-6.6422e+01
	2083	6.7606e-02	-1.1777e-02	-1.0437e-03	6.8899e-05	-7.1380e-02	6.7610e+01
542	2078	7.0685e-02	-1.4283e-02	-4.2642e-03	-9.1162e-03	1.9959e-01	-7.0238e+01
	2082	-7.0685e-02	1.4283e-02	4.2642e-03	9.1162e-03	2.4180e-01	6.8760e+01
543	2077	-6.6113e-02	1.8393e-02	-1.9411e-03	-3.4136e-03	1.6721e-01	-6.4532e+01
	2081	6.6113e-02	-1.8393e-02	1.9411e-03	3.4136e-03	3.3717e-02	6.6436e+01
544	2076	-1.3157e-03	-1.0745e-02	3.8101e-03	1.2621e-02	-1.7680e-01	-7.1300e+01
	2078	1.3157e-03	1.0745e-02	-3.8101e-03	-1.2621e-02	-1.9937e-01	7.0239e+01
545	2075	1.8420e-03	1.5043e-02	2.9076e-03	1.4847e-02	-1.2051e-01	-6.3053e+01
	2077	-1.8420e-03	-1.5043e-02	-2.9076e-03	-1.4847e-02	-1.6656e-01	6.4538e+01
546	2072	-2.4733e-03	-1.0539e-02	-2.4339e-03	-6.6310e-03	6.7870e-02	-7.2366e+01
	2076	2.4733e-03	1.0539e-02	2.4339e-03	6.6310e-03	1.7713e-01	7.1305e+01
547	2071	3.4628e-03	1.4755e-02	-1.6452e-03	1.6885e-03	4.4197e-02	-6.1560e+01
	2075	-3.4628e-03	-1.4755e-02	1.6452e-03	-1.6885e-03	1.2141e-01	6.3045e+01
548	2070	1.7428e-01	3.5316e-01	-1.8327e-03	-1.5205e-02	5.1335e-02	-4.3235e+01
	1955	-1.7428e-01	-3.5316e-01	1.8327e-03	1.5205e-02	1.0603e-01	7.3559e+01
549	2069	1.4111e-01	2.8593e-01	-3.2484e-03	-1.1618e-02	1.6709e-01	-3.5304e+01
	1954	-1.4111e-01	-2.8593e-01	3.2484e-03	1.1618e-02	1.1183e-01	5.9855e+01
550	2068	1.9747e-01	3.4073e-01	-1.0222e-03	-1.1744e-02	1.5620e-01	-8.6054e+00
	2070	-1.9747e-01	-3.4073e-01	1.0222e-03	1.1744e-02	-5.2235e-02	4.3262e+01
551	2067	1.5988e-01	2.7587e-01	1.9114e-03	-4.3793e-04	-2.6910e-02	-7.1740e+00
	2069	-1.5988e-01	-2.7587e-01	-1.9114e-03	4.3793e-04	-1.6750e-01	3.5233e+01
552	1964	2.2185e-01	3.2538e-01	1.5256e-03	-2.9332e-04	1.1602e-01	2.9329e-02
	2068	-2.2185e-01	-3.2538e-01	-1.5256e-03	2.9332e-04	-1.5664e-01	8.6347e+00
553	1965	1.7962e-01	2.6345e-01	-2.2611e-04	-2.4042e-03	-2.0786e-02	-7.9679e-02
	2067	-1.7962e-01	-2.6345e-01	2.2611e-04	2.4042e-03	2.6806e-02	7.0945e+00
554	2066	1.7351e-01	-9.8142e-02	-7.5472e-04	-1.5178e-02	1.1245e-01	-1.4622e+01
	1975	-1.7351e-01	9.8142e-02	7.5472e-04	1.5178e-02	0.0000e+00	0.0000e+00
555	2064	1.5280e-01	-1.2803e-01	2.1639e-03	5.4992e-03	-9.9195e-02	-2.7195e+01
	2066	-1.5280e-01	1.2803e-01	-2.1639e-03	-5.4992e-03	-1.1333e-01	1.4621e+01
556	2063	1.3910e-01	-1.4279e-01	-2.6953e-04	-4.5346e-03	-7.2139e-02	-4.1547e+01
	2064	-1.3910e-01	1.4279e-01	2.6953e-04	4.5346e-03	9.9244e-02	2.7188e+01
557	2062	1.3529e-01	-1.4640e-01	-1.2103e-03	-6.4327e-03	4.6839e-02	-5.5911e+01
	2063	-1.3529e-01	1.4640e-01	1.2103e-03	6.4327e-03	7.1995e-02	4.1537e+01
558	1943	9.5563e-02	-1.7494e-01	1.5163e-03	5.1694e-03	-5.1794e-02	-6.7297e+01
	2062	-9.5563e-02	1.7494e-01	-1.5163e-03	-5.1694e-03	-4.6995e-02	5.5900e+01
559	2061	3.4548e-02	-6.4255e-04	3.2803e-03	4.8373e-03	-1.7838e-01	-6.7322e+01
	1943	-3.4548e-02	6.4255e-04	-3.2803e-03	-4.8373e-03	5.1819e-02	6.7297e+01
560	2060	3.4505e-02	-1.8411e-03	-2.1852e-03	-1.3561e-03	4.3116e-02	-6.7501e+01
	2061	-3.4505e-02	1.8411e-03	2.1852e-03	1.3561e-03	1.7844e-01	6.7314e+01
561	2058	3.4145e-02	-5.3025e-03	5.9936e-04	2.9876e-03	-1.7442e-02	-6.8031e+01
	2060	-3.4145e-02	5.3025e-03	-5.9936e-04	-2.9876e-03	-4.3034e-02	6.7496e+01
562	2057	-3.2973e-02	-1.2346e-02	1.0968e-03	7.2315e-04	-1.2830e-01	-6.9272e+01
	2058	3.2973e-02	1.2346e-02	-1.0968e-03	-7.2315e-04	1.7682e-02	6.8026e+01
563	2055	-3.4031e-02	-9.0315e-03	-5.2001e-03	-1.1945e-02	4.1052e-01	-7.0204e+01
	2057	3.4031e-02	9.0315e-03	5.2001e-03	1.1945e-02	1.2775e-01	6.9269e+01
564	2054	-1.2989e-03	-1.0608e-02	6.4903e-03	3.2351e-02	-2.3140e-01	-7.1253e+01
	2055	1.2989e-03	1.0608e-02	-6.4903e-03	-3.2351e-02	-4.0940e-01	7.0205e+01
565	2052	-2.4418e-03	-1.0404e-02	-3.0219e-03	7.0614e-03	7.0648e-02	-7.2305e+01
	2054	2.4418e-03	1.0404e-02	3.0219e-03	-7.0614e-03	2.3354e-01	7.1258e+01

566	2051	1.7411e-01	3.5280e-01	-5.1166e-03	-9.2916e-03	3.0420e-01	-4.3191e+01
	1953	-1.7411e-01	-3.5280e-01	5.1166e-03	9.2916e-03	1.3514e-01	7.3485e+01
567	2050	1.9727e-01	3.4039e-01	5.1597e-03	1.1036e-02	-2.2065e-01	-8.5967e+00
	2051	-1.9727e-01	-3.4039e-01	-5.1597e-03	-1.1036e-02	-3.0415e-01	4.3218e+01
568	1966	2.2163e-01	3.2506e-01	-2.0722e-03	-5.1252e-03	-1.6569e-01	2.9314e-02
	2050	-2.2163e-01	-3.2506e-01	2.0722e-03	5.1252e-03	2.2087e-01	8.6260e+00
569	2049	1.9278e-01	-8.9409e-02	1.2102e-03	1.7696e-02	-1.8030e-01	-1.3321e+01
	1974	-1.9278e-01	8.9409e-02	-1.2102e-03	-1.7696e-02	0.0000e+00	0.0000e+00
570	2047	1.7334e-01	-1.2294e-01	-1.3274e-03	-1.5349e-02	-5.0145e-02	-2.5392e+01
	2049	-1.7334e-01	1.2294e-01	1.3274e-03	1.5349e-02	1.8052e-01	1.3317e+01
571	2046	1.6005e-01	-1.3980e-01	1.2096e-03	-2.0328e-02	-1.6998e-01	-3.9452e+01
	2047	-1.6005e-01	1.3980e-01	-1.2096e-03	2.0328e-02	4.8341e-02	2.5394e+01
572	2045	1.5632e-01	-1.4396e-01	-3.4483e-03	-2.4797e-02	1.6918e-01	-5.3592e+01
	2046	-1.5632e-01	1.4396e-01	3.4483e-03	2.4797e-02	1.6938e-01	3.9458e+01
573	1942	1.1654e-01	-1.7770e-01	5.8752e-03	1.7156e-02	-2.1264e-01	-6.5175e+01
	2045	-1.1654e-01	1.7770e-01	-5.8752e-03	-1.7156e-02	-1.7013e-01	5.3598e+01
574	2044	5.6498e-02	-6.4179e-03	6.4229e-03	1.5787e-02	-4.6051e-01	-6.5423e+01
	1942	-5.6498e-02	6.4179e-03	-6.4229e-03	-1.5787e-02	2.1270e-01	6.5175e+01
575	2043	5.6242e-02	-8.3748e-03	-7.7070e-03	-2.0402e-04	3.2061e-01	-6.6270e+01
	2044	-5.6242e-02	8.3748e-03	7.7070e-03	2.0402e-04	4.6078e-01	6.5421e+01
576	2041	5.5114e-02	-1.3989e-02	6.9120e-03	3.2045e-02	-3.7843e-01	-6.7676e+01
	2043	-5.5114e-02	1.3989e-02	-6.9120e-03	-3.2045e-02	-3.1900e-01	6.6264e+01
577	2040	1.9369e-02	-2.1658e-02	-1.6047e-03	-9.9759e-03	-2.1783e-01	-6.9853e+01
	2041	-1.9369e-02	2.1658e-02	1.6047e-03	9.9759e-03	3.7968e-01	6.7669e+01
578	2038	1.7137e-02	-2.3465e-02	-1.1003e-02	-3.1428e-02	9.2312e-01	-7.2278e+01
	2040	-1.7137e-02	2.3465e-02	1.1003e-02	3.1428e-02	2.1578e-01	6.9849e+01
579	2037	-2.7485e-03	-2.2446e-02	1.4680e-02	6.8054e-02	-5.2830e-01	-7.4494e+01
	2038	2.7485e-03	2.2446e-02	-1.4680e-02	-6.8054e-02	-9.2111e-01	7.2278e+01
580	2035	-5.1670e-03	-2.2016e-02	-7.0118e-03	1.0350e-02	1.7326e-01	-7.6711e+01
	2037	5.1670e-03	2.2016e-02	7.0118e-03	-1.0350e-02	5.3257e-01	7.4495e+01
581	2034	1.8737e-01	3.7967e-01	-8.9883e-03	-1.0130e-02	5.4269e-01	-4.6550e+01
	1952	-1.8737e-01	-3.7967e-01	8.9883e-03	1.0130e-02	2.2911e-01	7.9150e+01
582	2033	2.1229e-01	3.6631e-01	1.0243e-02	2.6120e-02	-4.9969e-01	-9.2989e+00
	2034	-2.1229e-01	-3.6631e-01	-1.0243e-02	-2.6120e-02	-5.4215e-01	4.6557e+01
583	1967	2.3851e-01	3.4981e-01	-4.7096e-03	-1.0483e-02	-3.7486e-01	7.8211e-03
	2033	-2.3851e-01	-3.4981e-01	4.7096e-03	1.0483e-02	5.0027e-01	9.3066e+00
584	2032	4.4232e-01	-4.7330e-02	-2.4029e-03	-5.9002e-02	3.5800e-01	-7.0518e+00
	1973	-4.4232e-01	4.7330e-02	2.4029e-03	5.9002e-02	0.0000e+00	0.0000e+00
585	2030	4.2637e-01	-1.2689e-01	5.8513e-03	7.0077e-03	-2.1193e-01	-1.9503e+01
	2032	-4.2637e-01	1.2689e-01	-5.8513e-03	-7.0077e-03	-3.6277e-01	7.0407e+00
586	2029	4.1140e-01	-1.6925e-01	-5.6255e-07	-1.4405e-02	-2.1150e-01	-3.6516e+01
	2030	-4.1140e-01	1.6925e-01	5.6255e-07	1.4405e-02	2.1155e-01	1.9496e+01
587	2028	4.0680e-01	-1.8002e-01	-4.1723e-03	-1.9969e-02	1.9861e-01	-5.4186e+01
	2029	-4.0680e-01	1.8002e-01	4.1723e-03	1.9969e-02	2.1104e-01	3.6510e+01
588	1941	3.5070e-01	-2.7368e-01	7.5904e-03	2.9007e-02	-2.9702e-01	-7.2009e+01
	2028	-3.5070e-01	2.7368e-01	-7.5904e-03	-2.9007e-02	-1.9749e-01	5.4179e+01
589	2027	2.3997e-01	4.2300e-02	1.1101e-02	2.7088e-02	-7.2541e-01	-7.0377e+01
	1941	-2.3997e-01	-4.2300e-02	-1.1101e-02	-2.7088e-02	2.9711e-01	7.2009e+01
590	2026	2.4130e-01	3.3946e-02	-1.3144e-02	1.8969e-03	6.0675e-01	-6.6921e+01
	2027	-2.4130e-01	-3.3946e-02	1.3144e-02	-1.8969e-03	7.2591e-01	7.0362e+01
591	2024	2.4349e-01	9.5030e-03	1.3429e-02	6.2917e-02	-7.5159e-01	-6.5943e+01
	2026	-2.4349e-01	-9.5030e-03	-1.3429e-02	-6.2917e-02	-6.0348e-01	6.6902e+01
592	2023	2.6052e-01	-1.6434e-02	-5.3272e-03	-2.0448e-02	-2.1668e-01	-6.7584e+01
	2024	-2.6052e-01	1.6434e-02	5.3272e-03	2.0448e-02	7.5397e-01	6.5926e+01
593	2021	2.5763e-01	-4.2069e-02	-1.4304e-02	-4.1735e-02	1.2670e+00	-7.1930e+01

	2023	-2.5763e-01	4.2069e-02	1.4304e-02	4.1735e-02	2.1360e-01	6.7575e+01
594	2020	-3.5820e-03	-2.9253e-02	2.0589e-02	9.4440e-02	-7.6863e-01	-7.4823e+01
	2021	3.5820e-03	2.9253e-02	-2.0589e-02	-9.4440e-02	-1.2641e+00	7.1934e+01
595	2018	-6.7337e-03	-2.8692e-02	-1.0660e-02	1.0513e-02	2.9875e-01	-7.7729e+01
	2020	6.7337e-03	2.8692e-02	1.0660e-02	-1.0513e-02	7.7434e-01	7.4840e+01
596	2017	1.9166e-01	3.8837e-01	-1.2000e-02	-1.1729e-02	7.4396e-01	-4.7598e+01
	1951	-1.9166e-01	-3.8837e-01	1.2000e-02	1.1729e-02	2.8643e-01	8.0945e+01
597	2016	2.1716e-01	3.7470e-01	1.4371e-02	3.7960e-02	-7.1861e-01	-9.5020e+00
	2017	-2.1716e-01	-3.7470e-01	-1.4371e-02	-3.7960e-02	-7.4309e-01	4.7613e+01
598	1968	2.4397e-01	3.5783e-01	-6.7788e-03	-1.4679e-02	-5.3896e-01	1.3054e-02
	2016	-2.4397e-01	-3.5783e-01	6.7788e-03	1.4679e-02	7.1946e-01	9.5148e+00
599	2015	1.1176e+00	5.7861e-02	-1.6766e-03	-5.6400e-02	2.4979e-01	8.6207e+00
	1972	-1.1176e+00	-5.7861e-02	1.6766e-03	5.6400e-02	0.0000e+00	0.0000e+00
600	2013	1.1095e+00	-1.4610e-01	4.9008e-03	-1.0089e-02	-2.2545e-01	-5.7371e+00
	2015	-1.1095e+00	1.4610e-01	-4.9008e-03	1.0089e-02	-2.5588e-01	-8.6123e+00
601	2012	1.0891e+00	-2.5727e-01	1.2839e-03	-3.2779e-02	-3.5240e-01	-3.1567e+01
	2013	-1.0891e+00	2.5727e-01	-1.2839e-03	3.2779e-02	2.2329e-01	5.6955e+00
602	2011	1.1248e+00	-2.8913e-01	-7.2748e-03	-4.2054e-02	3.6285e-01	-5.9884e+01
	2012	-1.1248e+00	2.8913e-01	7.2748e-03	4.2054e-02	3.5141e-01	3.1496e+01
603	1940	1.0205e+00	-5.5439e-01	1.4248e-02	4.7591e-02	-5.6610e-01	-9.5939e+01
	2011	-1.0205e+00	5.5439e-01	-1.4248e-02	-4.7591e-02	-3.6217e-01	5.9820e+01
604	2010	7.5121e-01	2.1507e-01	1.7119e-02	4.3937e-02	-1.2267e+00	-8.7641e+01
	1940	-7.5121e-01	-2.1507e-01	-1.7119e-02	-4.3937e-02	5.6625e-01	9.5939e+01
605	2009	7.5361e-01	1.8961e-01	-2.3671e-02	1.4279e-03	1.1724e+00	-6.8426e+01
	2010	-7.5361e-01	-1.8961e-01	2.3671e-02	-1.4279e-03	1.2275e+00	8.7650e+01
606	2007	7.6886e-01	1.1285e-01	2.6515e-02	1.1934e-01	-1.5092e+00	-5.7097e+01
	2009	-7.6886e-01	-1.1285e-01	-2.6515e-02	-1.1934e-01	-1.1663e+00	6.8483e+01
607	2006	8.5027e-01	7.0484e-02	-2.0430e-02	-4.7110e-02	5.4737e-01	-5.0050e+01
	2007	-8.5027e-01	-7.0484e-02	2.0430e-02	4.7110e-02	1.5132e+00	5.7159e+01
608	2004	8.5307e-01	-1.3787e-02	-2.5315e-04	7.1487e-03	5.7555e-01	-5.1517e+01
	2006	-8.5307e-01	1.3787e-02	2.5315e-04	-7.1487e-03	-5.4934e-01	5.0090e+01
609	2003	7.0304e-01	-8.2497e-02	1.0334e-02	6.9075e-02	-4.4884e-01	-5.9668e+01
	2004	-7.0304e-01	8.2497e-02	-1.0334e-02	-6.9075e-02	-5.7142e-01	5.1523e+01
610	2001	6.8995e-01	-1.5827e-01	-9.1424e-03	1.9983e-02	4.6661e-01	-7.5578e+01
	2003	-6.8995e-01	1.5827e-01	9.1424e-03	-1.9983e-02	4.5369e-01	5.9647e+01
611	2000	6.7791e-01	4.5984e-01	-1.9858e-02	-2.0044e-02	1.2132e+00	-5.6283e+01
	1950	-6.7791e-01	-4.5984e-01	1.9858e-02	2.0044e-02	4.9186e-01	9.5768e+01
612	1999	4.2984e-01	4.5305e-01	2.3330e-02	6.1313e-02	-1.1611e+00	-1.0262e+01
	2000	-4.2984e-01	-4.5305e-01	-2.3330e-02	-6.1313e-02	-1.2118e+00	5.6341e+01
613	1969	4.6181e-01	4.2041e-01	-1.0956e-02	-2.3741e-02	-8.7076e-01	8.5510e-01
	1999	-4.6181e-01	-4.2041e-01	1.0956e-02	2.3741e-02	1.1625e+00	1.0339e+01
614	1982	-1.2425e+00	-2.8878e-01	4.3198e-03	5.3989e-02	-6.4362e-01	-4.3026e+01
	1971	1.2425e+00	2.8878e-01	-4.3198e-03	-5.3989e-02	0.0000e+00	0.0000e+00
615	1984	-1.3172e+00	-6.0478e-02	-5.2215e-03	-6.3810e-02	-1.2989e-01	-4.8976e+01
	1982	1.3172e+00	6.0478e-02	5.2215e-03	6.3810e-02	6.4271e-01	4.3036e+01
616	1985	-1.3166e+00	7.2699e-02	2.4485e-03	-7.6586e-02	-3.6901e-01	-4.1714e+01
	1984	1.3166e+00	-7.2699e-02	-2.4485e-03	7.6586e-02	1.2279e-01	4.9025e+01
617	1986	-1.3096e+00	1.0794e-01	-9.4973e-03	-8.6366e-02	5.6561e-01	-3.1187e+01
	1985	1.3096e+00	-1.0794e-01	9.4973e-03	8.6366e-02	3.6687e-01	4.1785e+01
618	1938	-1.2439e+00	4.2366e-01	2.3001e-02	5.3997e-02	-9.2892e-01	-3.6496e+00
	1986	1.2439e+00	-4.2366e-01	-2.3001e-02	-5.3997e-02	-5.6961e-01	3.1251e+01
619	1998	-9.8397e-01	-3.1941e-01	2.3465e-02	4.8011e-02	-1.8343e+00	-1.5973e+01
	1938	9.8397e-01	3.1941e-01	-2.3465e-02	-4.8011e-02	9.2903e-01	3.6496e+00
620	1997	-8.0792e-01	-2.7569e-01	-3.4663e-02	-1.5962e-02	1.6795e+00	-4.3928e+01
	1998	8.0792e-01	2.7569e-01	3.4663e-02	1.5962e-02	1.8349e+00	1.5977e+01

621	1995	-8.3155e-01	-1.9303e-01	3.7360e-02	1.5305e-01	-2.0972e+00	-6.3369e+01
	1997	8.3155e-01	1.9303e-01	-3.7360e-02	-1.5305e-01	-1.6726e+00	4.3892e+01
622	1994	-7.0250e-01	-9.3208e-02	-3.5525e-02	-7.8621e-02	1.4817e+00	-7.2725e+01
	1995	7.0250e-01	9.3208e-02	3.5525e-02	7.8621e-02	2.1013e+00	6.3324e+01
623	1992	-7.0827e-01	-2.3411e-02	2.2608e-02	6.8018e-02	-8.5794e-01	-7.5116e+01
	1994	7.0827e-01	2.3411e-02	-2.2608e-02	-6.8018e-02	-1.4822e+00	7.2693e+01
624	1991	-3.9892e-01	6.9515e-02	-1.8536e-02	-2.4570e-02	9.6977e-01	-6.8240e+01
	1992	3.9892e-01	-6.9515e-02	1.8536e-02	2.4570e-02	8.6030e-01	7.5104e+01
625	1989	-3.8902e-01	1.1237e-01	1.9492e-02	8.0762e-02	-9.9545e-01	-5.6930e+01
	1991	3.8902e-01	-1.1237e-01	-1.9492e-02	-8.0762e-02	-9.6671e-01	6.8242e+01
626	1988	-7.7588e-02	1.6982e-01	9.7182e-04	3.9163e-02	2.1108e-01	-2.3551e+01
	1939	7.7588e-02	-1.6982e-01	-9.7182e-04	-3.9163e-02	-2.9452e-01	3.8133e+01
627	1987	1.0623e-01	1.8330e-01	8.5351e-03	5.2923e-02	-6.6013e-01	-4.8364e+00
	1988	-1.0623e-01	-1.8330e-01	-8.5351e-03	-5.2923e-02	-2.0798e-01	2.3479e+01
628	1970	1.1934e-01	1.7504e-01	-6.4964e-03	4.5192e-03	-4.8925e-01	-8.7900e-02
	1987	-1.1934e-01	-1.7504e-01	6.4964e-03	-4.5192e-03	6.6223e-01	4.7487e+00
629	1910	0.0000e+00	1.4502e+01	0.0000e+00	6.6731e-04	0.0000e+00	1.1351e+03
	28	0.0000e+00	-1.4502e+01	0.0000e+00	-6.6731e-04	0.0000e+00	1.5768e+03
630	1905	0.0000e+00	9.9408e+00	0.0000e+00	-7.7578e+01	0.0000e+00	7.4781e+02
	33	0.0000e+00	-9.9408e+00	0.0000e+00	7.7578e+01	0.0000e+00	1.1111e+03
631	1915	0.0000e+00	9.9396e+00	0.0000e+00	7.7564e+01	0.0000e+00	7.4771e+02
	23	0.0000e+00	-9.9396e+00	0.0000e+00	-7.7564e+01	0.0000e+00	1.1110e+03
632	1894	-7.7009e-01	-9.8606e-01	3.8033e-03	-3.4037e-02	-4.9524e-01	-1.2129e+02
	1981	7.7009e-01	9.8606e-01	-3.8033e-03	3.4037e-02	2.7435e-02	3.6380e-12
633	1895	8.1176e-01	7.2198e-01	-2.8320e-03	6.8638e-02	4.0366e-01	8.8804e+01
	1980	-8.1176e-01	-7.2198e-01	2.8320e-03	-6.8638e-02	-5.5325e-02	3.6380e-12
634	1896	3.8821e-01	2.5715e-01	-3.4777e-03	6.9013e-02	4.8338e-01	3.1629e+01
	1979	-3.8821e-01	-2.5715e-01	3.4777e-03	-6.9013e-02	-5.5627e-02	-1.8190e-12
635	1897	1.9698e-01	4.0894e-02	1.6827e-04	8.3365e-03	-1.3978e-02	5.0299e+00
	1978	-1.9698e-01	-4.0894e-02	-1.6827e-04	-8.3365e-03	-6.7195e-03	-1.8190e-12
636	1898	2.0075e-01	3.6924e-02	-1.7732e-03	3.3202e-02	2.4487e-01	4.5417e+00
	1977	-2.0075e-01	-3.6924e-02	1.7732e-03	-3.3202e-02	-2.6762e-02	-1.8190e-12
637	1899	5.2598e-02	-1.3726e-01	-5.0543e-04	1.0535e-02	7.0660e-02	-1.6883e+01
	1976	-5.2598e-02	1.3726e-01	5.0543e-04	-1.0535e-02	-8.4919e-03	5.4570e-12
638	1900	1.9668e-01	3.2476e-02	7.5472e-04	-1.1817e-02	-1.0236e-01	3.9946e+00
	1975	-1.9668e-01	-3.2476e-02	-7.5472e-04	1.1817e-02	9.5253e-03	1.8190e-12
639	1901	2.0621e-01	5.1372e-02	-1.2102e-03	1.3778e-02	1.5995e-01	6.3187e+00
	1974	-2.0621e-01	-5.1372e-02	1.2102e-03	-1.3778e-02	-1.1105e-02	1.8190e-12
640	1902	3.7408e-01	2.4073e-01	2.4029e-03	-4.5938e-02	-3.3258e-01	2.9610e+01
	1973	-3.7408e-01	-2.4073e-01	-2.4029e-03	4.5938e-02	3.7027e-02	0.0000e+00
641	1903	8.3380e-01	7.4639e-01	1.6766e-03	-4.3912e-02	-2.4161e-01	9.1806e+01
	1972	-8.3380e-01	-7.4639e-01	-1.6766e-03	4.3912e-02	3.5394e-02	0.0000e+00
642	1904	-7.8618e-01	-1.0046e+00	-4.3198e-03	4.2034e-02	5.6522e-01	-1.2357e+02
	1971	7.8618e-01	1.0046e+00	4.3198e-03	-4.2034e-02	-3.3881e-02	1.8190e-12
2422	55	-2.6021e-18	-7.4542e-01	-3.6180e-16	-3.4393e+02	3.5527e-15	-1.7737e+02
	56	2.6021e-18	7.4542e-01	3.6180e-16	3.4393e+02	5.5907e-14	-1.2080e+02
2423	54	-2.3852e-18	1.2995e-01	2.5205e-16	7.0076e+01	-5.0158e-14	1.2013e+01
	55	2.3852e-18	-1.2995e-01	-2.5205e-16	-7.0076e+01	3.8785e-14	4.5167e+01
2424	53	1.7347e-18	7.6298e-03	-7.1752e-16	1.2277e+00	6.0008e-14	3.2371e+01
	54	-1.7347e-18	-7.6298e-03	7.1752e-16	-1.2277e+00	6.9840e-14	-3.0235e+01
2425	52	-1.0842e-18	-4.7649e-02	9.0517e-17	-4.6582e+01	2.4425e-14	-2.6166e+01
	53	1.0842e-18	4.7649e-02	-9.0517e-17	4.6582e+01	-3.3133e-16	5.2004e+00
2426	51	2.6021e-18	2.5829e-01	6.5596e-16	7.0615e+01	-6.2240e-14	5.2699e+01
	52	-2.6021e-18	-2.5829e-01	-6.5596e-16	-7.0615e+01	-9.9859e-14	3.7704e+01
2427	50	-1.7347e-18	-2.5810e-01	-6.5611e-16	-7.0615e+01	9.9865e-14	-3.7670e+01

	51	1.7347e-18	2.5810e-01	6.5611e-16	7.0615e+01	6.2257e-14	-5.2666e+01
2428	49	2.6021e-18	4.7774e-02	-9.0592e-17	4.6581e+01	3.3827e-16	-5.1732e+00
	50	-2.6021e-18	-4.7774e-02	9.0592e-17	-4.6581e+01	-2.4418e-14	2.6194e+01
2429	48	3.0358e-18	-7.3515e-03	7.1812e-16	-1.2296e+00	-6.9944e-14	3.0274e+01
	49	-3.0358e-18	7.3515e-03	-7.1812e-16	1.2296e+00	-6.0112e-14	-3.2332e+01
2430	47	-2.3852e-18	-1.2983e-01	-2.5145e-16	-7.0076e+01	-3.8861e-14	-4.5138e+01
	48	2.3852e-18	1.2983e-01	2.5145e-16	7.0076e+01	5.0075e-14	-1.1985e+01
2431	35	1.5179e-18	7.4559e-01	3.6207e-16	3.4393e+02	-5.5948e-14	1.2083e+02
	47	-1.5179e-18	-7.4559e-01	-3.6207e-16	-3.4393e+02	-3.5943e-15	1.7741e+02
2432	45	1.7347e-18	-7.8125e-02	-3.6207e-16	9.0403e+02	3.6082e-15	-3.4357e+01
	46	-1.7347e-18	7.8125e-02	3.6207e-16	-9.0403e+02	5.5962e-14	3.1070e+00
2433	44	5.2042e-18	-1.0545e-01	2.5219e-16	-1.8093e+02	-5.0182e-14	-3.1174e+01
	45	-5.2042e-18	1.0545e-01	-2.5219e-16	1.8093e+02	3.8754e-14	-1.5226e+01
2434	43	-1.7347e-18	3.9056e-02	-7.1931e-16	-3.8490e+00	6.0181e-14	2.4118e+01
	44	1.7347e-18	-3.9056e-02	7.1931e-16	3.8490e+00	7.0000e-14	-1.3182e+01
2435	42	-5.2042e-18	2.4377e-02	9.0490e-17	1.2100e+02	2.4427e-14	-4.7709e+00
	43	5.2042e-18	-2.4377e-02	-9.0490e-17	-1.2100e+02	-3.2786e-16	1.5497e+01
2436	65	3.4694e-18	2.2361e-01	-3.6207e-16	-2.9464e+02	3.6082e-15	2.6154e+01
	66	-3.4694e-18	-2.2361e-01	3.6207e-16	2.9464e+02	5.5962e-14	6.3292e+01
2437	64	1.7347e-18	-1.1271e-01	2.5224e-16	6.3870e+01	-5.0196e-14	-3.0521e+01
	65	-1.7347e-18	1.1271e-01	-2.5224e-16	-6.3870e+01	3.8747e-14	-1.9071e+01
2438	63	-3.4694e-18	3.2877e-02	-7.1742e-16	9.5892e-01	5.9994e-14	2.1075e+01
	64	3.4694e-18	-3.2877e-02	7.1742e-16	-9.5892e-01	6.9826e-14	-1.1869e+01
2439	62	1.7347e-18	5.1421e-02	9.0361e-17	-3.8974e+01	2.4456e-14	2.2221e+00
	63	-1.7347e-18	-5.1421e-02	-9.0361e-17	3.8974e+01	-2.9837e-16	2.0403e+01
2440	61	-5.2042e-18	8.2443e-03	6.5608e-16	6.4645e+01	-6.2261e-14	6.1357e+00
	62	5.2042e-18	-8.2443e-03	-6.5608e-16	-6.4645e+01	-9.9878e-14	-3.2502e+00
2441	41	0.0000e+00	-2.5759e-02	6.5573e-16	-1.8888e+02	-6.2197e-14	4.8710e-01
	42	0.0000e+00	2.5759e-02	-6.5573e-16	1.8888e+02	-9.9810e-14	-9.5026e+00
2442	40	-1.7347e-18	2.5877e-02	-6.5600e-16	1.8888e+02	9.9846e-14	9.5233e+00
	41	1.7347e-18	-2.5877e-02	6.5600e-16	-1.8888e+02	6.2237e-14	-4.6637e-01
2443	39	1.7347e-18	-2.4250e-02	-9.0531e-17	-1.2100e+02	3.2786e-16	-1.5468e+01
	40	-1.7347e-18	2.4250e-02	9.0531e-17	1.2100e+02	-2.4427e-14	4.7983e+00
2444	38	1.7347e-18	-3.9032e-02	7.1823e-16	3.8462e+00	-6.9937e-14	1.3185e+01
	39	-1.7347e-18	3.9032e-02	-7.1823e-16	-3.8462e+00	-6.0105e-14	-2.4114e+01
2445	37	5.2042e-18	1.0564e-01	-2.5167e-16	1.8093e+02	-3.8827e-14	1.5268e+01
	38	-5.2042e-18	-1.0564e-01	2.5167e-16	-1.8093e+02	5.0109e-14	3.1215e+01
2446	34	0.0000e+00	7.8082e-02	3.6226e-16	-9.0404e+02	-5.5990e-14	-3.1159e+00
	37	0.0000e+00	-7.8082e-02	-3.6226e-16	9.0404e+02	-3.6290e-15	3.4349e+01
2447	60	-3.4694e-18	-7.9959e-03	-6.5564e-16	-6.4646e+01	9.9788e-14	3.2942e+00
	61	3.4694e-18	7.9959e-03	6.5564e-16	6.4646e+01	6.2178e-14	-6.0927e+00
2448	59	3.4694e-18	-5.1256e-02	-9.0605e-17	3.8972e+01	3.4174e-16	-2.0367e+01
	60	-3.4694e-18	5.1256e-02	9.0605e-17	-3.8972e+01	-2.4413e-14	-2.1854e+00
2449	58	-8.6736e-18	-3.2517e-02	7.1921e-16	-9.5973e-01	-7.0062e-14	1.1919e+01
	59	8.6736e-18	3.2517e-02	-7.1921e-16	9.5973e-01	-6.0230e-14	-2.1024e+01
2450	57	-1.7347e-18	1.1290e-01	-2.5183e-16	-6.3873e+01	-3.8795e-14	1.9114e+01
	58	1.7347e-18	-1.1290e-01	2.5183e-16	6.3873e+01	5.0140e-14	3.0563e+01
2451	36	-1.7347e-18	-2.2342e-01	3.6226e-16	2.9464e+02	-5.5983e-14	-6.3250e+01
	57	1.7347e-18	2.2342e-01	-3.6226e-16	-2.9464e+02	-3.6290e-15	-2.6116e+01
2452	56	-8.7097e-14	2.4029e+02	1.0164e-20	-3.9232e+01	3.4694e-18	1.7335e+04
	46	8.7097e-14	1.9571e+02	-1.0164e-20	3.9232e+01	8.6736e-19	-7.6143e+03
2453	66	7.8437e-14	1.2048e+02	-2.7105e-20	6.4238e+01	6.9389e-18	3.3408e+03
	56	-7.8437e-14	1.8352e+02	2.7105e-20	-6.4238e+01	1.7347e-17	-1.2924e+04
2454	55	5.4894e-14	4.9658e+02	0.0000e+00	-1.2599e+01	-1.7347e-18	3.5254e+04
	45	-5.4894e-14	4.1902e+02	0.0000e+00	1.2599e+01	0.0000e+00	-1.8345e+04

2455	65	6.6877e-14	2.5364e+02	5.4210e-20	2.5390e+01	1.0408e-17	6.8143e+03
	55	-6.6877e-14	3.8476e+02	-5.4210e-20	-2.5390e+01	1.0408e-17	-2.6744e+04
2456	54	-1.0716e-13	4.2789e+02	-6.7763e-21	1.3773e+01	0.0000e+00	3.0469e+04
	44	1.0716e-13	3.5691e+02	6.7763e-21	-1.3773e+01	-8.6736e-19	-1.4996e+04
2457	64	-3.7040e-14	2.1582e+02	-2.7105e-20	-2.2321e+01	6.9389e-18	5.6626e+03
	54	3.7040e-14	3.3138e+02	2.7105e-20	2.2321e+01	1.7347e-17	-2.3227e+04
2458	53	3.7814e-14	4.2783e+02	-1.6941e-20	-1.0910e+01	0.0000e+00	3.0465e+04
	43	-3.7814e-14	3.5697e+02	1.6941e-20	1.0910e+01	-8.6736e-19	-1.5019e+04
2459	63	2.7062e-16	2.1593e+02	-4.0658e-20	1.9173e+01	-6.9389e-18	5.6785e+03
	53	-2.7062e-16	3.3127e+02	4.0658e-20	-1.9173e+01	3.4694e-18	-2.3210e+04
2460	52	1.0313e-13	4.6842e+02	-1.6941e-20	6.1014e+00	0.0000e+00	3.3312e+04
	42	-1.0313e-13	3.9268e+02	1.6941e-20	-6.1014e+00	-8.6736e-19	-1.6800e+04
2461	62	-1.0347e-13	2.3735e+02	2.7105e-20	-9.8116e+00	1.2143e-17	6.2684e+03
	52	1.0347e-13	3.6305e+02	-2.7105e-20	9.8116e+00	1.3878e-17	-2.5375e+04
2462	51	7.4070e-18	4.1644e+02	-3.3881e-21	-1.5714e-03	8.6736e-19	2.9673e+04
	41	-7.4070e-18	3.4656e+02	3.3881e-21	1.5714e-03	2.6021e-18	-1.4438e+04
2463	61	7.4129e-17	2.0977e+02	0.0000e+00	-2.8643e-03	-3.4694e-18	5.5237e+03
	51	-7.4129e-17	3.2223e+02	0.0000e+00	2.8643e-03	0.0000e+00	-2.2617e+04
2464	50	-1.0308e-13	4.6842e+02	6.7763e-21	-6.1056e+00	-3.4694e-18	3.3312e+04
	40	1.0308e-13	3.9268e+02	-6.7763e-21	6.1056e+00	-1.7347e-18	-1.6800e+04
2465	60	1.0347e-13	2.3735e+02	-5.4210e-20	9.8055e+00	6.9389e-18	6.2684e+03
	50	-1.0347e-13	3.6305e+02	5.4210e-20	-9.8055e+00	-1.0408e-17	-2.5375e+04
2466	49	-3.7775e-14	4.2783e+02	3.3881e-21	1.0908e+01	0.0000e+00	3.0465e+04
	39	3.7775e-14	3.5697e+02	-3.3881e-21	-1.0908e+01	-1.3010e-18	-1.5019e+04
2467	59	-3.0531e-16	2.1593e+02	-4.0658e-20	-1.9178e+01	-6.9389e-18	5.6785e+03
	49	3.0531e-16	3.3127e+02	4.0658e-20	1.9178e+01	3.4694e-18	-2.3210e+04
2468	48	1.0716e-13	4.2789e+02	-2.0329e-20	-1.3775e+01	-2.6021e-18	3.0469e+04
	38	-1.0716e-13	3.5691e+02	2.0329e-20	1.3775e+01	-4.3368e-19	-1.4996e+04
2469	58	3.6957e-14	2.1582e+02	-1.3553e-20	2.2316e+01	3.4694e-18	5.6626e+03
	48	-3.6957e-14	3.3138e+02	1.3553e-20	-2.2316e+01	-1.0408e-17	-2.3227e+04
2470	47	-5.4914e-14	4.9658e+02	2.3717e-20	1.2597e+01	4.3368e-18	3.5254e+04
	37	5.4914e-14	4.1902e+02	-2.3717e-20	-1.2597e+01	-8.6736e-19	-1.8345e+04
2471	57	-6.6808e-14	2.5364e+02	0.0000e+00	-2.5394e+01	5.2042e-18	6.8143e+03
	47	6.6808e-14	3.8476e+02	0.0000e+00	2.5394e+01	1.0408e-17	-2.6744e+04
2472	35	8.7153e-14	2.4029e+02	3.3881e-20	3.9225e+01	3.4694e-18	1.7335e+04
	34	-8.7153e-14	1.9571e+02	-3.3881e-20	-3.9225e+01	-1.7347e-18	-7.6144e+03
2473	36	-7.8493e-14	1.2048e+02	-4.0658e-20	-6.4245e+01	-1.2143e-17	3.3408e+03
	35	7.8493e-14	1.8352e+02	4.0658e-20	6.4245e+01	-6.9389e-18	-1.2924e+04
2474	33	1.2027e+02	-1.4639e+01	8.6951e-01	2.2665e-03	-3.6868e+02	-2.5568e+03
	66	-1.2027e+02	1.4639e+01	-8.6951e-01	-2.2665e-03	8.7463e-01	-3.6355e+03
2475	22	4.2456e+02	-1.8207e+01	1.4842e+00	2.2665e-03	-6.4513e+02	-2.9465e+03
	56	-4.2456e+02	1.8207e+01	-1.4842e+00	-2.2665e-03	1.7325e+01	-4.7549e+03
2476	21	8.8047e+02	-2.9470e+01	-3.5288e-01	2.2665e-03	5.5050e+01	-4.3708e+03
	55	-8.8047e+02	2.9470e+01	3.5288e-01	-2.2665e-03	9.4218e+01	-8.0952e+03
2477	32	2.5322e+02	-2.3994e+01	-1.0051e-01	2.2665e-03	2.4221e+01	-3.6938e+03
	65	-2.5322e+02	2.3994e+01	1.0051e-01	-2.2665e-03	1.8297e+01	-6.4558e+03
2478	20	7.5939e+02	-2.6696e+01	-8.9865e-01	2.2665e-03	3.2582e+02	-3.9808e+03
	54	-7.5939e+02	2.6696e+01	8.9865e-01	-2.2665e-03	5.4315e+01	-7.3115e+03
2479	19	7.5915e+02	-2.6666e+01	9.6960e-01	2.2665e-03	-3.4249e+02	-3.9768e+03
	53	-7.5915e+02	2.6666e+01	-9.6960e-01	-2.2665e-03	-6.7654e+01	-7.3029e+03
2480	8	3.5681e+02	4.8583e+01	5.1343e-01	2.2665e-03	-1.8847e+02	5.4070e+03
	43	-3.5681e+02	-4.8583e+01	-5.1343e-01	-2.2665e-03	-2.8706e+01	1.5143e+04
2481	9	3.5642e+02	4.8697e+01	-5.0446e-01	2.2665e-03	1.8277e+02	5.4255e+03
	44	-3.5642e+02	-4.8697e+01	5.0446e-01	-2.2665e-03	3.0621e+01	1.5173e+04
2482	10	4.1824e+02	5.6310e+01	-3.3039e-01	2.2665e-03	7.7541e+01	6.5595e+03

	45	-4.1824e+02	-5.6310e+01	3.3039e-01	-2.2665e-03	6.2212e+01	1.7260e+04
2483	11	1.9657e+02	2.6979e+01	7.0901e-01	2.2665e-03	-3.3602e+02	2.8937e+03
	46	-1.9657e+02	-2.6979e+01	-7.0901e-01	-2.2665e-03	3.6108e+01	8.5184e+03
2484	31	2.1521e+02	-2.1351e+01	-4.0008e-01	2.2665e-03	1.4915e+02	-3.3061e+03
	64	-2.1521e+02	2.1351e+01	4.0008e-01	-2.2665e-03	2.0084e+01	-5.7255e+03
2485	30	2.1547e+02	-2.1325e+01	4.2763e-01	2.2665e-03	-1.5857e+02	-3.3021e+03
	63	-2.1547e+02	2.1325e+01	-4.2763e-01	-2.2665e-03	-2.2321e+01	-5.7184e+03
2486	18	8.3117e+02	-2.8484e+01	-3.3006e-01	2.2665e-03	1.3524e+02	-4.2285e+03
	52	-8.3117e+02	2.8484e+01	3.3006e-01	-2.2665e-03	4.3753e+00	-7.8201e+03
2487	6	3.4643e+02	4.7422e+01	1.3344e-04	2.2665e-03	-3.3090e-02	5.2435e+03
	41	-3.4643e+02	-4.7422e+01	-1.3344e-04	-2.2665e-03	-2.3354e-02	1.4816e+04
2488	29	2.3699e+02	-2.2943e+01	-1.2452e-01	2.2665e-03	6.1438e+01	-3.5402e+03
	62	-2.3699e+02	2.2943e+01	1.2452e-01	-2.2665e-03	-8.7641e+00	-6.1648e+03
2489	17	7.3918e+02	-2.6301e+01	1.8386e-04	2.2665e-03	-4.5760e-02	-3.9277e+03
	51	-7.3918e+02	2.6301e+01	-1.8386e-04	-2.2665e-03	-3.2013e-02	-7.1978e+03
2490	7	3.9254e+02	5.3324e+01	-2.5750e-01	2.2665e-03	1.0074e+02	6.0663e+03
	42	-3.9254e+02	-5.3324e+01	2.5750e-01	-2.2665e-03	8.1868e+00	1.6490e+04
2491	5	3.9254e+02	5.3324e+01	2.5780e-01	2.2665e-03	-1.0081e+02	6.0663e+03
	40	-3.9254e+02	-5.3324e+01	-2.5780e-01	-2.2665e-03	-8.2390e+00	1.6490e+04
2492	28	2.0949e+02	-2.1359e+01	2.0965e-04	2.2665e-03	-5.4009e-02	-3.3819e+03
	61	-2.0949e+02	2.1359e+01	-2.0965e-04	-2.2665e-03	-3.4672e-02	-5.6530e+03
2493	16	8.3117e+02	-2.8484e+01	3.3041e-01	2.2665e-03	-1.3533e+02	-4.2285e+03
	50	-8.3117e+02	2.8484e+01	-3.3041e-01	-2.2665e-03	-4.4352e+00	-7.8201e+03
2494	27	2.3699e+02	-2.2943e+01	1.2493e-01	2.2665e-03	-6.1545e+01	-3.5401e+03
	60	-2.3699e+02	2.2943e+01	-1.2493e-01	-2.2665e-03	8.6994e+00	-6.1647e+03
2495	4	3.5681e+02	4.8583e+01	-5.1320e-01	2.2665e-03	1.8842e+02	5.4071e+03
	39	-3.5681e+02	-4.8583e+01	5.1320e-01	-2.2665e-03	2.8668e+01	1.5144e+04
2496	15	7.5915e+02	-2.6666e+01	-9.6923e-01	2.2665e-03	3.4239e+02	-3.9768e+03
	49	-7.5915e+02	2.6666e+01	9.6923e-01	-2.2665e-03	6.7591e+01	-7.3029e+03
2497	26	2.1547e+02	-2.1325e+01	-4.2720e-01	2.2665e-03	1.5846e+02	-3.3021e+03
	59	-2.1547e+02	2.1325e+01	4.2720e-01	-2.2665e-03	2.2250e+01	-5.7184e+03
2498	3	3.5643e+02	4.8697e+01	5.0475e-01	2.2665e-03	-1.8284e+02	5.4256e+03
	38	-3.5643e+02	-4.8697e+01	-5.0475e-01	-2.2665e-03	-3.0670e+01	1.5173e+04
2499	14	7.5939e+02	-2.6696e+01	8.9902e-01	2.2665e-03	-3.2591e+02	-3.9808e+03
	48	-7.5939e+02	2.6696e+01	-8.9902e-01	-2.2665e-03	-5.4380e+01	-7.3114e+03
2500	25	2.1522e+02	-2.1351e+01	4.0054e-01	2.2665e-03	-1.4927e+02	-3.3060e+03
	58	-2.1522e+02	2.1351e+01	-4.0054e-01	-2.2665e-03	-2.0161e+01	-5.7255e+03
2501	2	4.1823e+02	5.6311e+01	3.3063e-01	2.2665e-03	-7.7606e+01	6.5596e+03
	37	-4.1823e+02	-5.6311e+01	-3.3063e-01	-2.2665e-03	-6.2251e+01	1.7260e+04
2502	13	8.8047e+02	-2.9470e+01	3.5323e-01	2.2665e-03	-5.5140e+01	-4.3707e+03
	47	-8.8047e+02	2.9470e+01	-3.5323e-01	-2.2665e-03	-9.4277e+01	-8.0951e+03
2503	24	2.5321e+02	-2.3994e+01	1.0094e-01	2.2665e-03	-2.4332e+01	-3.6937e+03
	57	-2.5321e+02	2.3994e+01	-1.0094e-01	-2.2665e-03	-1.8366e+01	-6.4558e+03
2504	1	1.9658e+02	2.6979e+01	-7.0900e-01	2.2665e-03	3.3602e+02	2.8938e+03
	34	-1.9658e+02	-2.6979e+01	7.0900e-01	-2.2665e-03	-3.6115e+01	8.5184e+03
2505	12	4.2456e+02	-1.8206e+01	-1.4839e+00	2.2665e-03	6.4506e+02	-2.9464e+03
	35	-4.2456e+02	1.8206e+01	1.4839e+00	-2.2665e-03	-1.7360e+01	-4.7548e+03
2506	23	1.2026e+02	-1.4639e+01	-8.6919e-01	2.2665e-03	3.6858e+02	-2.5567e+03
	36	-1.2026e+02	1.4639e+01	8.6919e-01	-2.2665e-03	-9.1566e-01	-3.6354e+03
654	1906	0.0000e+00	-1.8782e+00	0.0000e+00	3.7083e+02	0.0000e+00	1.4679e+02
	1905	0.0000e+00	-1.0148e+01	0.0000e+00	-7.4781e+02	0.0000e+00	-7.7578e+01
655	1907	0.0000e+00	-1.5306e-01	0.0000e+00	1.0168e+02	0.0000e+00	-3.4178e+01
	1906	0.0000e+00	1.3719e+00	0.0000e+00	-3.7083e+02	0.0000e+00	-1.4679e+02
656	1908	0.0000e+00	-1.4166e-01	0.0000e+00	-4.1192e+01	0.0000e+00	-1.8311e+01
	1907	0.0000e+00	-2.7987e-01	0.0000e+00	-1.0168e+02	0.0000e+00	3.4178e+01

657	1909	0.0000e+00	1.6096e-01	0.0000e+00	-2.8922e+02	0.0000e+00	1.1109e+02
	1908	0.0000e+00	-2.8144e-01	0.0000e+00	4.1192e+01	0.0000e+00	1.8311e+01
658	1910	0.0000e+00	-7.4107e+00	0.0000e+00	-5.6756e+02	0.0000e+00	-6.6776e+02
	1909	0.0000e+00	-5.5478e-01	0.0000e+00	2.8922e+02	0.0000e+00	-1.1109e+02
659	1911	0.0000e+00	-5.5458e-01	0.0000e+00	2.8923e+02	0.0000e+00	1.1111e+02
	1910	0.0000e+00	-7.4106e+00	0.0000e+00	-5.6757e+02	0.0000e+00	6.6776e+02
660	1912	0.0000e+00	-2.8153e-01	0.0000e+00	4.1212e+01	0.0000e+00	-1.8325e+01
	1911	0.0000e+00	1.6115e-01	0.0000e+00	-2.8923e+02	0.0000e+00	-1.1111e+02
661	1913	0.0000e+00	-2.7972e-01	0.0000e+00	-1.0165e+02	0.0000e+00	-3.4145e+01
	1912	0.0000e+00	-1.4186e-01	0.0000e+00	-4.1212e+01	0.0000e+00	1.8325e+01
662	1914	0.0000e+00	1.3686e+00	0.0000e+00	-3.7078e+02	0.0000e+00	1.4651e+02
	1913	0.0000e+00	-1.5337e-01	0.0000e+00	1.0165e+02	0.0000e+00	3.4145e+01
663	1915	0.0000e+00	-1.0151e+01	0.0000e+00	-7.4771e+02	0.0000e+00	7.7564e+01
	1914	0.0000e+00	-1.8822e+00	0.0000e+00	3.7078e+02	0.0000e+00	-1.4651e+02
664	1895	0.0000e+00	-4.1641e+00	0.0000e+00	3.8409e+02	0.0000e+00	-2.5569e+02
	1894	0.0000e+00	-3.5376e+00	0.0000e+00	6.2940e+02	0.0000e+00	-6.7374e+01
665	1896	0.0000e+00	-4.3935e+00	0.0000e+00	6.7835e+02	0.0000e+00	-2.4956e+02
	1895	0.0000e+00	-3.8608e+00	0.0000e+00	4.3122e+02	0.0000e+00	2.7087e+02
666	1897	0.0000e+00	-3.9531e+00	0.0000e+00	4.2970e+02	0.0000e+00	-2.7807e+02
	1896	0.0000e+00	-4.1046e+00	0.0000e+00	3.1936e+02	0.0000e+00	2.9346e+02
667	1898	0.0000e+00	-4.0739e+00	0.0000e+00	5.6879e+02	0.0000e+00	-2.4279e+02
	1897	0.0000e+00	-4.3222e+00	0.0000e+00	5.8589e+02	0.0000e+00	2.3275e+02
668	1899	0.0000e+00	-4.0458e+00	0.0000e+00	5.1406e+02	0.0000e+00	-2.3741e+02
	1898	0.0000e+00	-4.0663e+00	0.0000e+00	4.2402e+02	0.0000e+00	2.6770e+02
669	1900	0.0000e+00	-4.0645e+00	0.0000e+00	4.2423e+02	0.0000e+00	-2.6753e+02
	1899	0.0000e+00	-4.0452e+00	0.0000e+00	5.1388e+02	0.0000e+00	2.3734e+02
670	1901	0.0000e+00	-4.3269e+00	0.0000e+00	5.8557e+02	0.0000e+00	-2.3341e+02
	1900	0.0000e+00	-4.0715e+00	0.0000e+00	5.6911e+02	0.0000e+00	2.4247e+02
671	1902	0.0000e+00	-4.0970e+00	0.0000e+00	3.2036e+02	0.0000e+00	-2.9262e+02
	1901	0.0000e+00	-3.9577e+00	0.0000e+00	4.2875e+02	0.0000e+00	2.7859e+02
672	1903	0.0000e+00	-3.8746e+00	0.0000e+00	4.3024e+02	0.0000e+00	-2.7234e+02
	1902	0.0000e+00	-4.3869e+00	0.0000e+00	6.7932e+02	0.0000e+00	2.4857e+02
673	1904	0.0000e+00	-3.5216e+00	0.0000e+00	6.3161e+02	0.0000e+00	6.7389e+01
	1903	0.0000e+00	-4.1723e+00	0.0000e+00	3.8209e+02	0.0000e+00	2.5700e+02

SFORZI "G2" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-3.7662e+01	6.1500e-20	3.4665e-19	3.8843e-02	0.0000e+00	0.0000e+00
	1923	3.7662e+01	-6.1500e-20	-3.4665e-19	-3.8843e-02	0.0000e+00	0.0000e+00
2	1916	-5.5590e+01	0.0000e+00	0.0000e+00	-1.3235e-01	0.0000e+00	0.0000e+00
	1921	5.5590e+01	0.0000e+00	0.0000e+00	1.3235e-01	0.0000e+00	0.0000e+00
3	2085	-4.0591e+01	-6.0859e-19	2.1733e-19	6.2172e-02	0.0000e+00	0.0000e+00
	1918	4.0591e+01	6.0859e-19	-2.1733e-19	-6.2172e-02	0.0000e+00	0.0000e+00
4	2008	1.3152e+02	8.7562e-18	5.4930e-19	8.0019e-02	0.0000e+00	0.0000e+00
	2079	-1.3152e+02	-8.7562e-18	-5.4930e-19	-8.0019e-02	0.0000e+00	0.0000e+00
5	1919	1.6178e+02	1.8210e-18	1.7536e-19	-2.1964e-01	0.0000e+00	0.0000e+00
	2056	-1.6178e+02	-1.8210e-18	-1.7536e-19	2.1964e-01	0.0000e+00	0.0000e+00
6	2098	1.0611e+02	-1.2533e-18	-1.3508e-18	-7.3371e-02	0.0000e+00	0.0000e+00
	1937	-1.0611e+02	1.2533e-18	1.3508e-18	7.3371e-02	0.0000e+00	0.0000e+00
7	2042	1.6986e+01	-1.8569e-18	4.6698e-21	2.4283e-01	0.0000e+00	0.0000e+00
	2107	-1.6986e+01	1.8569e-18	-4.6698e-21	-2.4283e-01	0.0000e+00	0.0000e+00
8	1925	3.4879e+01	1.4362e-18	2.0137e-21	2.5235e-01	0.0000e+00	0.0000e+00
	2008	-3.4879e+01	-1.4362e-18	-2.0137e-21	-2.5235e-01	0.0000e+00	0.0000e+00
9	2109	3.8928e+00	1.0661e-17	-3.4001e-19	3.1329e-01	0.0000e+00	0.0000e+00
	2123	-3.8928e+00	-1.0661e-17	3.4001e-19	-3.1329e-01	0.0000e+00	0.0000e+00

10	2084	1.9598e+01	1.2329e-18	2.2680e-21	2.6684e-01	0.0000e+00	0.0000e+00
	2106	-1.9598e+01	-1.2329e-18	-2.2680e-21	-2.6684e-01	0.0000e+00	0.0000e+00
11	2083	-2.9143e+01	-4.2548e-18	4.3152e-19	2.8903e-01	0.0000e+00	0.0000e+00
	2078	2.9143e+01	4.2548e-18	-4.3152e-19	-2.8903e-01	0.0000e+00	0.0000e+00
12	2058	2.6319e+01	-9.6127e-19	9.8743e-20	3.0205e-01	0.0000e+00	0.0000e+00
	2077	-2.6319e+01	9.6127e-19	-9.8743e-20	-3.0205e-01	0.0000e+00	0.0000e+00
13	2041	-1.5413e+01	1.1215e-18	-2.3524e-23	2.5753e-01	0.0000e+00	0.0000e+00
	2055	1.5413e+01	-1.1215e-18	2.3524e-23	-2.5753e-01	0.0000e+00	0.0000e+00
14	2024	-8.2615e+00	1.2209e-17	-4.8633e-19	3.1029e-01	0.0000e+00	0.0000e+00
	2038	8.2615e+00	-1.2209e-17	4.8633e-19	-3.1029e-01	0.0000e+00	0.0000e+00
15	2007	-2.1345e+01	8.6189e-19	-6.7144e-21	2.5185e-01	0.0000e+00	0.0000e+00
	2021	2.1345e+01	-8.6189e-19	6.7144e-21	-2.5185e-01	0.0000e+00	0.0000e+00
16	1982	3.7183e+01	2.2222e-19	-4.5804e-19	4.5209e-02	0.0000e+00	0.0000e+00
	2012	-3.7183e+01	-2.2222e-19	4.5804e-19	-4.5209e-02	0.0000e+00	0.0000e+00
17	1985	6.2187e+01	0.0000e+00	0.0000e+00	-2.0204e-01	0.0000e+00	0.0000e+00
	2010	-6.2187e+01	0.0000e+00	0.0000e+00	2.0204e-01	0.0000e+00	0.0000e+00
18	1998	3.9874e+01	-5.5466e-19	-1.1243e-20	-5.0340e-02	0.0000e+00	0.0000e+00
	2007	-3.9874e+01	5.5466e-19	1.1243e-20	5.0340e-02	0.0000e+00	0.0000e+00
19	1995	-2.5414e+01	8.8878e-19	-1.1399e-19	2.1524e-01	0.0000e+00	0.0000e+00
	2004	2.5414e+01	-8.8878e-19	1.1399e-19	-2.1524e-01	0.0000e+00	0.0000e+00
20	1992	-1.3233e+02	-1.1352e-18	-5.0209e-19	1.8322e-01	0.0000e+00	0.0000e+00
	2001	1.3233e+02	1.1352e-18	5.0209e-19	-1.8322e-01	0.0000e+00	0.0000e+00
21	1989	-1.5542e+02	1.3297e-18	7.8599e-19	-1.2160e-01	0.0000e+00	0.0000e+00
	2000	1.5542e+02	-1.3297e-18	-7.8599e-19	1.2160e-01	0.0000e+00	0.0000e+00
22	1988	-1.0863e+02	-1.6928e-19	2.6036e-19	-5.7587e-02	0.0000e+00	0.0000e+00
	1928	1.0863e+02	1.6928e-19	-2.6036e-19	5.7587e-02	0.0000e+00	0.0000e+00
643	1905	1.3826e+01	3.7759e-14	1.2512e-15	3.5255e+01	0.0000e+00	0.0000e+00
	1960	-1.3826e+01	-3.7759e-14	-1.2512e-15	-3.5255e+01	0.0000e+00	0.0000e+00
644	1906	1.1537e+02	4.5895e-14	1.1757e-15	1.1619e+01	0.0000e+00	0.0000e+00
	1961	-1.1537e+02	-4.5895e-14	-1.1757e-15	-1.1619e+01	0.0000e+00	0.0000e+00
645	1907	7.6926e+01	4.7150e-14	1.0044e-15	6.3248e+00	0.0000e+00	0.0000e+00
	1962	-7.6926e+01	-4.7150e-14	-1.0044e-15	-6.3248e+00	0.0000e+00	0.0000e+00
646	1908	7.6313e+01	4.7925e-14	8.8475e-16	3.3170e+00	0.0000e+00	0.0000e+00
	1963	-7.6313e+01	-4.7925e-14	-8.8475e-16	-3.3170e+00	0.0000e+00	0.0000e+00
647	1909	8.4354e+01	5.0868e-14	6.8573e-16	-1.0596e+00	0.0000e+00	0.0000e+00
	1964	-8.4354e+01	-5.0868e-14	-6.8573e-16	1.0596e+00	0.0000e+00	0.0000e+00
648	1910	7.2882e+01	4.7442e-14	5.2520e-16	-4.5360e+00	0.0000e+00	0.0000e+00
	1965	-7.2882e+01	-4.7442e-14	-5.2520e-16	4.5360e+00	0.0000e+00	0.0000e+00
649	1911	8.4235e+01	5.1018e-14	3.6758e-16	-8.3540e+00	0.0000e+00	0.0000e+00
	1966	-8.4235e+01	-5.1018e-14	-3.6758e-16	8.3540e+00	0.0000e+00	0.0000e+00
650	1912	7.6479e+01	4.7732e-14	1.8000e-16	-1.3921e+01	0.0000e+00	0.0000e+00
	1967	-7.6479e+01	-4.7732e-14	-1.8000e-16	1.3921e+01	0.0000e+00	0.0000e+00
651	1913	7.6700e+01	4.7466e-14	7.3834e-17	-1.8395e+01	0.0000e+00	0.0000e+00
	1968	-7.6700e+01	-4.7466e-14	-7.3834e-17	1.8395e+01	0.0000e+00	0.0000e+00
652	1914	1.1682e+02	4.5519e-14	-6.4032e-17	-2.7365e+01	0.0000e+00	0.0000e+00
	1969	-1.1682e+02	-4.5519e-14	6.4032e-17	2.7365e+01	0.0000e+00	0.0000e+00
653	1915	1.5410e+01	3.7667e-14	-1.3250e-16	-9.8769e+00	0.0000e+00	0.0000e+00
	1970	-1.5410e+01	-3.7667e-14	1.3250e-16	9.8769e+00	0.0000e+00	0.0000e+00
237	2116	-3.9950e+01	2.1841e+02	-3.3024e+00	-1.3165e+01	2.2379e+02	2.2923e+04
	2079	3.9950e+01	-2.1841e+02	3.3024e+00	1.3165e+01	1.0673e+02	-1.0627e+03
238	1959	-4.4242e+00	2.7613e+02	6.6717e+00	3.5360e-01	1.3436e+02	2.6651e+04
	2116	4.4242e+00	-2.7613e+02	-6.6717e+00	-3.5360e-01	-2.2418e+02	-2.2933e+04
239	2110	1.4953e+02	3.2434e+02	2.6412e+00	6.6071e+00	-6.5620e+01	3.3507e+04
	1919	-1.4953e+02	-3.2434e+02	-2.6412e+00	-6.6071e+00	-1.9873e+02	-1.0457e+03
240	1958	2.1561e+02	4.3172e+02	5.2541e-01	2.6382e+00	-7.2973e+01	3.9309e+04

	2110	-2.1561e+02	-4.3172e+02	-5.2541e-01	-2.6382e+00	6.5899e+01	-3.3496e+04
241	2121	1.0500e+02	3.1666e+02	1.7561e+00	5.2729e+00	-4.3338e+01	3.2691e+04
	2120	-1.0500e+02	-3.1666e+02	-1.7561e+00	-5.2729e+00	-1.3242e+02	-9.9779e+02
242	1957	1.6401e+02	4.1003e+02	3.4157e-01	2.6500e+00	-4.8176e+01	3.8212e+04
	2121	-1.6401e+02	-4.1003e+02	-3.4157e-01	-2.6500e+00	4.3577e+01	-3.2692e+04
243	2104	1.0519e+02	3.1724e+02	1.3754e+00	4.7870e+00	-3.3339e+01	3.2795e+04
	2103	-1.0519e+02	-3.1724e+02	-1.3754e+00	-4.7870e+00	-1.0432e+02	-1.0436e+03
244	1956	1.6424e+02	4.1060e+02	2.1064e-01	2.7680e+00	-3.6403e+01	3.8326e+04
	2104	-1.6424e+02	-4.1060e+02	-2.1064e-01	-2.7680e+00	3.3567e+01	-3.2798e+04
245	2074	1.1514e+02	3.4725e+02	1.0418e+00	4.6320e+00	-2.3645e+01	3.5888e+04
	2072	-1.1514e+02	-3.4725e+02	-1.0418e+00	-4.6320e+00	-8.0628e+01	-1.1327e+03
246	1955	1.7988e+02	4.4970e+02	8.8335e-03	3.1978e+00	-2.4000e+01	4.1935e+04
	2074	-1.7988e+02	-4.4970e+02	-8.8335e-03	-3.1978e+00	2.3881e+01	-3.5881e+04
247	2073	1.0256e+02	3.0932e+02	8.4069e-01	4.7903e+00	-1.9326e+01	3.2110e+04
	2071	-1.0256e+02	-3.0932e+02	-8.4069e-01	-4.7903e+00	-6.4816e+01	-1.1520e+03
248	1954	1.6002e+02	4.0006e+02	-2.0457e-01	3.6162e+00	-1.6826e+01	3.7505e+04
	2073	-1.6002e+02	-4.0006e+02	2.0457e-01	-3.6162e+00	1.9580e+01	-3.2119e+04
249	2053	1.1518e+02	3.4735e+02	8.0926e-01	5.3665e+00	-2.0498e+01	3.5909e+04
	2052	-1.1518e+02	-3.4735e+02	-8.0926e-01	-5.3665e+00	-6.0498e+01	-1.1436e+03
250	1953	1.7992e+02	4.4980e+02	-5.2026e-01	4.1207e+00	-1.3780e+01	4.1957e+04
	2053	-1.7992e+02	-4.4980e+02	5.2026e-01	-4.1207e+00	2.0784e+01	-3.5902e+04
251	2036	1.0515e+02	3.1711e+02	8.7061e-01	6.5816e+00	-2.9160e+01	3.2766e+04
	2035	-1.0515e+02	-3.1711e+02	-8.7061e-01	-6.5816e+00	-5.7976e+01	-1.0279e+03
252	1952	1.6419e+02	4.1047e+02	-1.0863e+00	4.8113e+00	-1.4880e+01	3.8295e+04
	2036	-1.6419e+02	-4.1047e+02	1.0863e+00	-4.8113e+00	2.9504e+01	-3.2769e+04
253	2019	1.0509e+02	3.1693e+02	1.0134e+00	7.7797e+00	-4.2044e+01	3.2731e+04
	2018	-1.0509e+02	-3.1693e+02	-1.0134e+00	-7.7797e+00	-5.9383e+01	-1.0107e+03
254	1951	1.6412e+02	4.1029e+02	-1.6691e+00	5.2303e+00	-1.9966e+01	3.8255e+04
	2019	-1.6412e+02	-4.1029e+02	1.6691e+00	-5.2303e+00	4.2436e+01	-3.2731e+04
255	2002	2.1950e+02	3.2844e+02	1.3853e+00	1.0634e+01	-7.7007e+01	3.3670e+04
	2001	-2.1950e+02	-3.2844e+02	-1.3853e+00	-1.0634e+01	-6.1644e+01	-7.9769e+02
256	1950	2.8570e+02	4.3159e+02	-2.9942e+00	5.9710e+00	-3.7197e+01	3.9469e+04
	2002	-2.8570e+02	-4.3159e+02	2.9942e+00	-5.9710e+00	7.7508e+01	-3.3659e+04
257	1990	3.0652e+01	2.2206e+02	-4.7027e+00	-8.2900e+00	2.0269e+02	2.3108e+04
	1989	-3.0652e+01	-2.2206e+02	4.7027e+00	8.2900e+00	2.6798e+02	-8.8277e+02
258	1939	6.6269e+01	2.7552e+02	2.4450e+00	3.9473e+00	1.6991e+02	2.6828e+04
	1990	-6.6269e+01	-2.7552e+02	-2.4450e+00	-3.9473e+00	-2.0283e+02	-2.3119e+04
259	36	4.7148e+02	2.8190e-14	-3.6968e-02	-4.6900e-03	3.6968e-01	0.0000e+00
	1939	-4.7148e+02	-2.8190e-14	3.6968e-02	4.6900e-03	0.0000e+00	0.0000e+00
260	2110	-9.9741e+00	6.0000e+01	1.3965e-16	-1.0574e+01	0.0000e+00	0.0000e+00
	2116	9.9741e+00	6.0000e+01	-1.3965e-16	1.0574e+01	0.0000e+00	0.0000e+00
261	2121	-7.8582e+00	6.6000e+01	2.9332e-17	4.8941e-01	0.0000e+00	0.0000e+00
	2110	7.8582e+00	6.6000e+01	-2.9332e-17	-4.8941e-01	0.0000e+00	0.0000e+00
262	2104	-6.4437e+00	4.2000e+01	-9.1960e-46	-1.4972e-01	0.0000e+00	0.0000e+00
	2121	6.4437e+00	4.2000e+01	-9.1960e-46	1.4972e-01	0.0000e+00	0.0000e+00
263	2074	-5.2789e+00	6.6000e+01	-1.7696e-17	-2.7039e+00	0.0000e+00	0.0000e+00
	2104	5.2789e+00	6.6000e+01	1.7696e-17	2.7039e+00	0.0000e+00	0.0000e+00
264	2073	-4.2459e+00	5.2500e+01	1.3869e-16	4.4910e+00	0.0000e+00	0.0000e+00
	2074	4.2459e+00	5.2500e+01	-1.3869e-16	-4.4910e+00	0.0000e+00	0.0000e+00
265	2053	-3.2007e+00	5.2500e+01	-8.1474e-17	-4.5145e+00	0.0000e+00	0.0000e+00
	2073	3.2007e+00	5.2500e+01	8.1474e-17	4.5145e+00	0.0000e+00	0.0000e+00
266	2036	-1.8711e+00	6.6000e+01	-3.9646e-17	2.7480e+00	0.0000e+00	0.0000e+00
	2053	1.8711e+00	6.6000e+01	3.9646e-17	-2.7480e+00	0.0000e+00	0.0000e+00
267	2019	8.5755e-02	4.2000e+01	-1.9832e-17	5.3778e-02	0.0000e+00	0.0000e+00
	2036	-8.5755e-02	4.2000e+01	1.9832e-17	-5.3778e-02	0.0000e+00	0.0000e+00

268	2002	2.7682e+00	6.6000e+01	0.0000e+00	-4.2863e-01	0.0000e+00	0.0000e+00
	2019	-2.7682e+00	6.6000e+01	0.0000e+00	4.2863e-01	0.0000e+00	0.0000e+00
269	1990	7.1478e+00	6.0000e+01	-2.2377e-16	1.0576e+01	0.0000e+00	0.0000e+00
	2002	-7.1478e+00	6.0000e+01	2.2377e-16	-1.0576e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-1.9426e+01	0.0000e+00	5.5534e+02	0.0000e+00	-4.9706e+03
	1894	0.0000e+00	1.9426e+01	0.0000e+00	-5.5534e+02	0.0000e+00	-1.8091e+03
271	11	0.0000e+00	-7.9857e+00	0.0000e+00	1.4224e+02	0.0000e+00	-1.5688e+03
	77	0.0000e+00	7.9857e+00	0.0000e+00	-1.4224e+02	0.0000e+00	1.2095e+03
272	67	0.0000e+00	-1.9614e+01	0.0000e+00	-5.5984e+02	0.0000e+00	-4.9946e+03
	1904	0.0000e+00	1.9614e+01	0.0000e+00	5.5984e+02	0.0000e+00	-1.8507e+03
273	1	0.0000e+00	-8.0008e+00	0.0000e+00	-1.4237e+02	0.0000e+00	-1.5755e+03
	67	0.0000e+00	8.0008e+00	0.0000e+00	1.4237e+02	0.0000e+00	1.2155e+03
274	72	0.0000e+00	-3.2028e+01	0.0000e+00	-1.2221e+00	0.0000e+00	-6.8999e+03
	1899	0.0000e+00	3.2028e+01	0.0000e+00	1.2221e+00	0.0000e+00	-4.2780e+03
275	6	0.0000e+00	-1.4320e+01	0.0000e+00	4.4973e-01	0.0000e+00	-2.1942e+03
	72	0.0000e+00	1.4320e+01	0.0000e+00	-4.4973e-01	0.0000e+00	1.5498e+03
276	76	0.0000e+00	-2.7355e+01	0.0000e+00	-2.0392e+01	0.0000e+00	-5.8183e+03
	1895	0.0000e+00	2.7355e+01	0.0000e+00	2.0392e+01	0.0000e+00	-3.7286e+03
277	10	0.0000e+00	-2.2419e+01	0.0000e+00	6.0422e+01	0.0000e+00	-2.2685e+03
	76	0.0000e+00	2.2419e+01	0.0000e+00	-6.0422e+01	0.0000e+00	1.2596e+03
278	75	0.0000e+00	-3.2735e+01	0.0000e+00	-1.9054e+02	0.0000e+00	-6.8881e+03
	1896	0.0000e+00	3.2735e+01	0.0000e+00	1.9054e+02	0.0000e+00	-4.5364e+03
279	9	0.0000e+00	-1.4778e+01	0.0000e+00	1.8055e+02	0.0000e+00	-2.2194e+03
	75	0.0000e+00	1.4778e+01	0.0000e+00	-1.8055e+02	0.0000e+00	1.5544e+03
280	74	0.0000e+00	-3.2593e+01	0.0000e+00	1.6295e+02	0.0000e+00	-6.9163e+03
	1897	0.0000e+00	3.2593e+01	0.0000e+00	-1.6295e+02	0.0000e+00	-4.4585e+03
281	8	0.0000e+00	-1.4680e+01	0.0000e+00	-1.5559e+02	0.0000e+00	-2.2179e+03
	74	0.0000e+00	1.4680e+01	0.0000e+00	1.5559e+02	0.0000e+00	1.5573e+03
282	73	0.0000e+00	-3.1875e+01	0.0000e+00	-1.0200e+02	0.0000e+00	-6.7570e+03
	1898	0.0000e+00	3.1875e+01	0.0000e+00	1.0200e+02	0.0000e+00	-4.3672e+03
283	7	0.0000e+00	-1.8721e+01	0.0000e+00	8.7758e+01	0.0000e+00	-2.3314e+03
	73	0.0000e+00	1.8721e+01	0.0000e+00	-8.7758e+01	0.0000e+00	1.4890e+03
284	71	0.0000e+00	-3.1811e+01	0.0000e+00	1.0315e+02	0.0000e+00	-6.7553e+03
	1900	0.0000e+00	3.1811e+01	0.0000e+00	-1.0315e+02	0.0000e+00	-4.3468e+03
285	5	0.0000e+00	-1.8756e+01	0.0000e+00	-8.7739e+01	0.0000e+00	-2.3323e+03
	71	0.0000e+00	1.8756e+01	0.0000e+00	8.7739e+01	0.0000e+00	1.4883e+03
286	70	0.0000e+00	-3.2565e+01	0.0000e+00	-1.6682e+02	0.0000e+00	-6.9118e+03
	1901	0.0000e+00	3.2565e+01	0.0000e+00	1.6682e+02	0.0000e+00	-4.4535e+03
287	4	0.0000e+00	-1.4635e+01	0.0000e+00	1.5637e+02	0.0000e+00	-2.2152e+03
	70	0.0000e+00	1.4635e+01	0.0000e+00	-1.5637e+02	0.0000e+00	1.5566e+03
288	69	0.0000e+00	-3.2644e+01	0.0000e+00	1.8953e+02	0.0000e+00	-6.8892e+03
	1902	0.0000e+00	3.2644e+01	0.0000e+00	-1.8953e+02	0.0000e+00	-4.5036e+03
289	3	0.0000e+00	-1.4853e+01	0.0000e+00	-1.8066e+02	0.0000e+00	-2.2224e+03
	69	0.0000e+00	1.4853e+01	0.0000e+00	1.8066e+02	0.0000e+00	1.5540e+03
290	68	0.0000e+00	-2.7457e+01	0.0000e+00	2.1842e+01	0.0000e+00	-5.8198e+03
	1903	0.0000e+00	2.7457e+01	0.0000e+00	-2.1842e+01	0.0000e+00	-3.7627e+03
291	2	0.0000e+00	-2.2337e+01	0.0000e+00	-6.0891e+01	0.0000e+00	-2.2656e+03
	68	0.0000e+00	2.2337e+01	0.0000e+00	6.0891e+01	0.0000e+00	1.2604e+03
292	57	7.1563e+02	3.4261e-14	4.2523e-02	-2.2145e-02	-4.2523e-01	0.0000e+00
	1950	-7.1563e+02	-3.4261e-14	-4.2523e-02	2.2145e-02	0.0000e+00	0.0000e+00
293	34	5.6264e+02	-1.4107e-15	7.2731e-02	-4.9566e-04	-9.4551e-01	0.0000e+00
	1938	-5.6264e+02	1.4107e-15	-7.2731e-02	4.9566e-04	0.0000e+00	0.0000e+00
294	37	7.5560e+02	-7.5284e-16	-5.3585e-02	-1.7703e-02	6.9660e-01	0.0000e+00
	1940	-7.5560e+02	7.5284e-16	5.3585e-02	1.7703e-02	0.0000e+00	0.0000e+00
295	38	7.5761e+02	-1.1120e-15	-1.0140e-02	-1.5206e-02	1.3182e-01	0.0000e+00

		1941	-7.5761e+02	1.1120e-15	1.0140e-02	1.5206e-02	0.0000e+00	0.0000e+00
296	39	7.6229e+02	-1.1518e-15	2.2555e-02	-1.4010e-02	-2.9322e-01	0.0000e+00	
		1942	-7.6229e+02	1.1518e-15	-2.2555e-02	1.4010e-02	0.0000e+00	0.0000e+00
297	40	8.1875e+02	-1.1106e-15	4.5050e-02	-1.2643e-02	-5.8565e-01	0.0000e+00	
		1943	-8.1875e+02	1.1106e-15	-4.5050e-02	1.2643e-02	0.0000e+00	0.0000e+00
298	41	7.6234e+02	-1.2945e-15	6.6672e-02	-1.1896e-02	-8.6673e-01	0.0000e+00	
		1944	-7.6234e+02	1.2945e-15	-6.6672e-02	1.1896e-02	0.0000e+00	0.0000e+00
299	42	8.1615e+02	-1.0905e-15	8.8427e-02	-1.1391e-02	-1.1495e+00	0.0000e+00	
		1945	-8.1615e+02	1.0905e-15	-8.8427e-02	1.1391e-02	0.0000e+00	0.0000e+00
300	43	7.6585e+02	-1.1772e-15	1.0301e-01	-1.1146e-02	-1.3391e+00	0.0000e+00	
		1946	-7.6585e+02	1.1772e-15	-1.0301e-01	1.1146e-02	0.0000e+00	0.0000e+00
301	44	7.5089e+02	-1.0603e-15	1.2819e-01	-1.1217e-02	-1.6665e+00	0.0000e+00	
		1947	-7.5089e+02	1.0603e-15	-1.2819e-01	1.1217e-02	0.0000e+00	0.0000e+00
302	45	7.6040e+02	-7.7626e-16	1.5122e-01	-1.1861e-02	-1.9658e+00	0.0000e+00	
		1948	-7.6040e+02	7.7626e-16	-1.5122e-01	1.1861e-02	0.0000e+00	0.0000e+00
303	46	5.6064e+02	-1.3972e-15	2.8445e-01	5.5697e-03	-3.6979e+00	0.0000e+00	
		1949	-5.6064e+02	1.3972e-15	-2.8445e-01	-5.5697e-03	0.0000e+00	0.0000e+00
304	66	4.7375e+02	2.8199e-14	-6.1535e-01	1.1344e-03	6.1535e+00	0.0000e+00	
		1959	-4.7375e+02	-2.8199e-14	6.1535e-01	-1.1344e-03	0.0000e+00	0.0000e+00
305	65	7.1769e+02	3.4498e-14	-4.4353e-01	-1.6606e-02	4.4353e+00	0.0000e+00	
		1958	-7.1769e+02	-3.4498e-14	4.4353e-01	1.6606e-02	0.0000e+00	0.0000e+00
306	64	6.8869e+02	3.5409e-14	-3.1189e-01	-1.4185e-02	3.1189e+00	0.0000e+00	
		1957	-6.8869e+02	-3.5409e-14	3.1189e-01	1.4185e-02	0.0000e+00	0.0000e+00
307	63	6.8992e+02	3.6027e-14	-2.6046e-01	-1.3615e-02	2.6046e+00	0.0000e+00	
		1956	-6.8992e+02	-3.6027e-14	2.6046e-01	1.3615e-02	0.0000e+00	0.0000e+00
308	62	7.5549e+02	3.8386e-14	-1.6421e-01	-1.3872e-02	1.6421e+00	0.0000e+00	
		1955	-7.5549e+02	-3.8386e-14	1.6421e-01	1.3872e-02	0.0000e+00	0.0000e+00
309	61	6.7300e+02	3.5774e-14	-1.1123e-01	-1.4512e-02	1.1123e+00	0.0000e+00	
		1954	-6.7300e+02	-3.5774e-14	1.1123e-01	1.4512e-02	0.0000e+00	0.0000e+00
310	60	7.5572e+02	3.8505e-14	-6.6569e-02	-1.5775e-02	6.6569e-01	0.0000e+00	
		1953	-7.5572e+02	-3.8505e-14	6.6569e-02	1.5775e-02	0.0000e+00	0.0000e+00
311	59	6.8961e+02	3.5871e-14	-2.5045e-03	-1.7780e-02	2.5045e-02	0.0000e+00	
		1952	-6.8961e+02	-3.5871e-14	2.5045e-03	1.7780e-02	0.0000e+00	0.0000e+00
312	58	6.8919e+02	3.5658e-14	9.7644e-03	-1.9395e-02	-9.7644e-02	0.0000e+00	
		1951	-6.8919e+02	-3.5658e-14	-9.7644e-03	1.9395e-02	0.0000e+00	0.0000e+00
313	1936	-9.0925e+01	6.0000e+01	1.3029e-16	3.1930e+00	0.0000e+00	0.0000e+00	
		1937	9.0925e+01	6.0000e+01	-1.3029e-16	-3.1930e+00	0.0000e+00	0.0000e+00
314	1935	-8.9013e+01	6.6000e+01	3.9958e-17	-9.0808e-01	0.0000e+00	0.0000e+00	
		1936	8.9013e+01	6.6000e+01	-3.9958e-17	9.0808e-01	0.0000e+00	0.0000e+00
315	1934	-8.7897e+01	4.2000e+01	0.0000e+00	1.0684e-02	0.0000e+00	0.0000e+00	
		1935	8.7897e+01	4.2000e+01	0.0000e+00	-1.0684e-02	0.0000e+00	0.0000e+00
316	1933	-8.7215e+01	6.6000e+01	-1.6947e-17	6.5226e-01	0.0000e+00	0.0000e+00	
		1934	8.7215e+01	6.6000e+01	1.6947e-17	-6.5226e-01	0.0000e+00	0.0000e+00
317	1932	-8.7140e+01	5.2500e+01	1.2489e-16	-6.9372e-01	0.0000e+00	0.0000e+00	
		1933	8.7140e+01	5.2500e+01	-1.2489e-16	6.9372e-01	0.0000e+00	0.0000e+00
318	1931	-8.7534e+01	5.2500e+01	-8.3783e-17	6.9553e-01	0.0000e+00	0.0000e+00	
		1932	8.7534e+01	5.2500e+01	8.3783e-17	-6.9553e-01	0.0000e+00	0.0000e+00
319	1930	-8.8417e+01	6.6000e+01	-3.8160e-17	-6.5607e-01	0.0000e+00	0.0000e+00	
		1931	8.8417e+01	6.6000e+01	3.8160e-17	6.5607e-01	0.0000e+00	0.0000e+00
320	1929	-8.9988e+01	4.2000e+01	-1.9954e-17	-2.2448e-03	0.0000e+00	0.0000e+00	
		1930	8.9988e+01	4.2000e+01	1.9954e-17	2.2448e-03	0.0000e+00	0.0000e+00
321	1928	-9.2089e+01	6.6000e+01	0.0000e+00	1.0730e+00	0.0000e+00	0.0000e+00	
		1929	9.2089e+01	6.6000e+01	0.0000e+00	-1.0730e+00	0.0000e+00	0.0000e+00
322	1927	1.9037e+00	6.0000e+01	-2.0815e-16	-3.2010e+00	0.0000e+00	0.0000e+00	
		1928	-1.9037e+00	6.0000e+01	2.0815e-16	3.2010e+00	0.0000e+00	0.0000e+00

323	1937	-8.3145e+01	-4.5235e+01	3.9580e+00	3.2783e-02	-2.0491e-03	3.1274e+00
	1960	8.3145e+01	4.5235e+01	-3.9580e+00	-3.2783e-02	-2.8577e+02	-3.2692e+03
324	1936	-7.5040e+01	-1.0122e+02	1.9124e+00	-3.1974e-14	-1.4921e-13	-4.1011e+00
	1961	7.5040e+01	1.0122e+02	-1.9124e+00	3.1974e-14	-1.3807e+02	-7.3039e+03
325	1935	-6.4320e+01	-8.6758e+01	1.1160e+00	-1.4655e-14	6.0396e-14	9.1876e-01
	1962	6.4320e+01	8.6758e+01	-1.1160e+00	1.4655e-14	-8.0579e+01	-6.2649e+03
326	1934	-6.4320e+01	-8.6758e+01	6.8220e-01	-4.5075e-14	-6.9278e-14	6.4158e-01
	1963	6.4320e+01	8.6758e+01	-6.8220e-01	4.5075e-14	-4.9256e+01	-6.2646e+03
327	1933	-7.0574e+01	-9.5192e+01	7.4582e-02	-8.4599e-14	-1.4388e-13	-1.3460e+00
	1964	7.0574e+01	9.5192e+01	-7.4582e-02	8.4599e-14	-5.3849e+00	-6.8717e+03
328	1932	-6.2534e+01	-8.4348e+01	-3.9416e-01	-1.6898e-13	-3.5172e-13	1.3892e+00
	1965	6.2534e+01	8.4348e+01	3.9416e-01	1.6898e-13	2.8459e+01	-6.0914e+03
329	1931	-7.0574e+01	-9.5192e+01	-8.8276e-01	4.0856e-14	-9.2371e-14	-1.3516e+00
	1966	7.0574e+01	9.5192e+01	8.8276e-01	-4.0856e-14	6.3737e+01	-6.8716e+03
330	1930	-6.4320e+01	-8.6758e+01	-1.5710e+00	5.5067e-14	5.6843e-14	6.5383e-01
	1967	6.4320e+01	8.6758e+01	1.5710e+00	-5.5067e-14	1.1342e+02	-6.2647e+03
331	1929	-6.4320e+01	-8.6758e+01	-2.1010e+00	3.3751e-14	9.9476e-14	1.0753e+00
	1968	6.4320e+01	8.6758e+01	2.1010e+00	-3.3751e-14	1.5170e+02	-6.2651e+03
332	1928	-2.6506e+01	-1.0425e+02	-3.1391e+00	2.5730e-02	-1.6083e-03	-4.3255e+00
	1969	2.6506e+01	1.0425e+02	3.1391e+00	-2.5730e-02	2.2665e+02	-7.5227e+03
333	1927	-3.5734e+01	-4.8199e+01	-1.9037e+00	-2.3537e-14	-4.2633e-14	3.2010e+00
	1970	3.5734e+01	4.8199e+01	1.9037e+00	2.3537e-14	1.3745e+02	-3.4832e+03
334	2089	8.2811e+00	5.2500e+01	-8.1585e-18	-5.1825e+00	0.0000e+00	0.0000e+00
	2090	-8.2811e+00	5.2500e+01	8.1585e-18	5.1825e+00	0.0000e+00	0.0000e+00
335	2083	6.9294e+01	5.2500e+01	1.0708e-17	-4.5857e+00	0.0000e+00	0.0000e+00
	2084	-6.9294e+01	5.2500e+01	-1.0708e-17	4.5857e+00	0.0000e+00	0.0000e+00
336	2081	3.2909e+01	5.2500e+01	1.2428e-17	-1.6822e+00	0.0000e+00	0.0000e+00
	2082	-3.2909e+01	5.2500e+01	-1.2428e-17	1.6822e+00	0.0000e+00	0.0000e+00
337	2055	2.6730e+01	5.2500e+01	-1.3907e-17	-2.0570e+00	0.0000e+00	0.0000e+00
	2077	-2.6730e+01	5.2500e+01	1.3907e-17	2.0570e+00	0.0000e+00	0.0000e+00
338	2077	4.9685e+01	5.2500e+01	1.2213e-17	2.0166e+00	0.0000e+00	0.0000e+00
	2078	-4.9685e+01	5.2500e+01	-1.2213e-17	-2.0166e+00	0.0000e+00	0.0000e+00
339	2075	1.9469e+01	5.2500e+01	1.5240e-17	5.0444e+00	0.0000e+00	0.0000e+00
	2076	-1.9469e+01	5.2500e+01	-1.5240e-17	-5.0444e+00	0.0000e+00	0.0000e+00
340	2071	1.5083e+01	5.2500e+01	2.4930e-17	6.2893e+00	0.0000e+00	0.0000e+00
	2072	-1.5083e+01	5.2500e+01	-2.4930e-17	-6.2893e+00	0.0000e+00	0.0000e+00
341	2087	2.1953e+01	5.2500e+01	3.7580e-18	-5.9745e+00	0.0000e+00	0.0000e+00
	2088	-2.1953e+01	5.2500e+01	-3.7580e-18	5.9745e+00	0.0000e+00	0.0000e+00
342	2090	7.9533e+00	6.6000e+01	4.5172e-18	3.1473e+00	0.0000e+00	0.0000e+00
	2112	-7.9533e+00	6.6000e+01	-4.5172e-18	-3.1473e+00	0.0000e+00	0.0000e+00
343	2088	2.0443e+01	6.6000e+01	-1.9321e-17	3.7334e+00	0.0000e+00	0.0000e+00
	2111	-2.0443e+01	6.6000e+01	1.9321e-17	-3.7334e+00	0.0000e+00	0.0000e+00
344	2084	5.4470e+01	6.6000e+01	-3.3284e-17	2.8336e+00	0.0000e+00	0.0000e+00
	2109	-5.4470e+01	6.6000e+01	3.3284e-17	-2.8336e+00	0.0000e+00	0.0000e+00
345	2082	3.0015e+01	6.6000e+01	-3.6509e-17	9.7156e-01	0.0000e+00	0.0000e+00
	2108	-3.0015e+01	6.6000e+01	3.6509e-17	-9.7156e-01	0.0000e+00	0.0000e+00
346	2078	2.6857e+01	6.6000e+01	-3.6095e-17	-1.3426e+00	0.0000e+00	0.0000e+00
	2106	-2.6857e+01	6.6000e+01	3.6095e-17	1.3426e+00	0.0000e+00	0.0000e+00
347	2076	1.7239e+01	6.6000e+01	-4.2229e-17	-3.2015e+00	0.0000e+00	0.0000e+00
	2105	-1.7239e+01	6.6000e+01	4.2229e-17	3.2015e+00	0.0000e+00	0.0000e+00
348	2072	1.7337e+01	6.6000e+01	-6.1391e-17	-3.9149e+00	0.0000e+00	0.0000e+00
	2103	-1.7337e+01	6.6000e+01	6.1391e-17	3.9149e+00	0.0000e+00	0.0000e+00
349	2103	2.0382e+01	4.2000e+01	0.0000e+00	-2.3931e-01	0.0000e+00	0.0000e+00
	2120	-2.0382e+01	4.2000e+01	0.0000e+00	2.3931e-01	0.0000e+00	0.0000e+00
350	2105	1.4186e+01	4.2000e+01	0.0000e+00	-2.5525e-01	0.0000e+00	0.0000e+00

	2122	-1.4186e+01	4.2000e+01	0.0000e+00	2.5525e-01	0.0000e+00	0.0000e+00
351	2106	4.7877e+01	4.2000e+01	0.0000e+00	-1.9776e-01	0.0000e+00	0.0000e+00
	2123	-4.7877e+01	4.2000e+01	0.0000e+00	1.9776e-01	0.0000e+00	0.0000e+00
352	2108	2.5524e+01	4.2000e+01	0.0000e+00	-4.1920e-02	0.0000e+00	0.0000e+00
	2125	-2.5524e+01	4.2000e+01	0.0000e+00	4.1920e-02	0.0000e+00	0.0000e+00
353	2109	5.6385e+01	4.2000e+01	0.0000e+00	1.8388e-01	0.0000e+00	0.0000e+00
	1925	-5.6385e+01	4.2000e+01	0.0000e+00	-1.8388e-01	0.0000e+00	0.0000e+00
354	2111	1.7495e+01	4.2000e+01	0.0000e+00	2.8495e-01	0.0000e+00	0.0000e+00
	1983	-1.7495e+01	4.2000e+01	0.0000e+00	-2.8495e-01	0.0000e+00	0.0000e+00
355	2112	8.0436e+00	4.2000e+01	0.0000e+00	-1.3018e-02	0.0000e+00	0.0000e+00
	2005	-8.0436e+00	4.2000e+01	0.0000e+00	1.3018e-02	0.0000e+00	0.0000e+00
356	2085	4.5646e+01	6.0000e+01	-3.8261e-17	1.2608e+01	0.0000e+00	0.0000e+00
	1921	-4.5646e+01	6.0000e+01	3.8261e-17	-1.2608e+01	0.0000e+00	0.0000e+00
357	1983	1.3297e+01	6.6000e+01	-3.7599e-17	-9.1766e-01	0.0000e+00	0.0000e+00
	2059	-1.3297e+01	6.6000e+01	3.7599e-17	9.1766e-01	0.0000e+00	0.0000e+00
358	2005	8.5439e+00	6.6000e+01	-4.1394e-17	-1.0850e+00	0.0000e+00	0.0000e+00
	2085	-8.5439e+00	6.6000e+01	4.1394e-17	1.0850e+00	0.0000e+00	0.0000e+00
359	1925	3.1811e+01	6.6000e+01	-3.7448e-17	-5.0754e-01	0.0000e+00	0.0000e+00
	2042	-3.1811e+01	6.6000e+01	3.7448e-17	5.0754e-01	0.0000e+00	0.0000e+00
360	2125	1.8874e+01	6.6000e+01	-3.9951e-17	-1.8046e-02	0.0000e+00	0.0000e+00
	2025	-1.8874e+01	6.6000e+01	3.9951e-17	1.8046e-02	0.0000e+00	0.0000e+00
361	2123	5.6254e+01	6.6000e+01	-4.2878e-17	3.7326e-01	0.0000e+00	0.0000e+00
	2008	-5.6254e+01	6.6000e+01	4.2878e-17	-3.7326e-01	0.0000e+00	0.0000e+00
362	2122	9.4594e+00	6.6000e+01	-4.3784e-17	6.7119e-01	0.0000e+00	0.0000e+00
	1996	-9.4594e+00	6.6000e+01	4.3784e-17	-6.7119e-01	0.0000e+00	0.0000e+00
363	2120	2.4525e+01	6.6000e+01	-4.1684e-17	8.1820e-01	0.0000e+00	0.0000e+00
	1919	-2.4525e+01	6.6000e+01	4.1684e-17	-8.1820e-01	0.0000e+00	0.0000e+00
364	2059	8.0299e+00	6.0000e+01	1.1395e-17	1.4665e+01	0.0000e+00	0.0000e+00
	1920	-8.0299e+00	6.0000e+01	-1.1395e-17	-1.4665e+01	0.0000e+00	0.0000e+00
365	2042	2.5781e+01	6.0000e+01	3.8373e-17	1.0735e+01	0.0000e+00	0.0000e+00
	1918	-2.5781e+01	6.0000e+01	-3.8373e-17	-1.0735e+01	0.0000e+00	0.0000e+00
366	2025	9.0396e+00	6.0000e+01	4.1914e-17	3.2478e+00	0.0000e+00	0.0000e+00
	1917	-9.0396e+00	6.0000e+01	-4.1914e-17	-3.2478e+00	0.0000e+00	0.0000e+00
367	2008	-2.0573e+01	6.0000e+01	3.8296e-17	-5.4444e+00	0.0000e+00	0.0000e+00
	2107	2.0573e+01	6.0000e+01	-3.8296e-17	5.4444e+00	0.0000e+00	0.0000e+00
368	1996	9.1237e-01	6.0000e+01	4.7930e-17	-1.2210e+01	0.0000e+00	0.0000e+00
	2080	-9.1237e-01	6.0000e+01	-4.7930e-17	1.2210e+01	0.0000e+00	0.0000e+00
369	1919	-1.1363e+02	6.0000e+01	8.4173e-17	-1.4999e+01	0.0000e+00	0.0000e+00
	2079	1.1363e+02	6.0000e+01	-8.4173e-17	1.4999e+01	0.0000e+00	0.0000e+00
370	2097	-1.2914e+01	6.0000e+01	1.5339e-16	1.1618e+00	0.0000e+00	0.0000e+00
	2039	1.2914e+01	6.0000e+01	-1.5339e-16	-1.1618e+00	0.0000e+00	0.0000e+00
371	2098	-1.2860e+02	6.0000e+01	1.5569e-16	-2.6653e+00	0.0000e+00	0.0000e+00
	2056	1.2860e+02	6.0000e+01	-1.5569e-16	2.6653e+00	0.0000e+00	0.0000e+00
372	2119	-2.9274e+01	6.6000e+01	-3.7596e-17	-8.8247e-02	0.0000e+00	0.0000e+00
	2098	2.9274e+01	6.6000e+01	3.7596e-17	8.8247e-02	0.0000e+00	0.0000e+00
373	2118	-1.8304e+01	6.6000e+01	-3.9383e-17	-4.5933e-01	0.0000e+00	0.0000e+00
	2097	1.8304e+01	6.6000e+01	3.9383e-17	4.5933e-01	0.0000e+00	0.0000e+00
374	2102	-2.6465e+01	4.2000e+01	0.0000e+00	-3.9779e-02	0.0000e+00	0.0000e+00
	2119	2.6465e+01	4.2000e+01	0.0000e+00	3.9779e-02	0.0000e+00	0.0000e+00
375	2101	-2.1575e+01	4.2000e+01	0.0000e+00	8.8675e-03	0.0000e+00	0.0000e+00
	2118	2.1575e+01	4.2000e+01	0.0000e+00	-8.8675e-03	0.0000e+00	0.0000e+00
376	2070	-2.4552e+01	6.6000e+01	-9.6758e-17	-5.9403e-01	0.0000e+00	0.0000e+00
	2102	2.4552e+01	6.6000e+01	9.6758e-17	5.9403e-01	0.0000e+00	0.0000e+00
377	2068	-2.3699e+01	6.6000e+01	-9.3390e-17	3.5774e-01	0.0000e+00	0.0000e+00
	2101	2.3699e+01	6.6000e+01	9.3390e-17	-3.5774e-01	0.0000e+00	0.0000e+00

378	2069	-2.3932e+01	5.2500e+01	4.3773e-17	1.2446e+00	0.0000e+00	0.0000e+00
	2070	2.3932e+01	5.2500e+01	-4.3773e-17	-1.2446e+00	0.0000e+00	0.0000e+00
379	2067	-2.4221e+01	5.2500e+01	4.3182e-17	-2.2103e-01	0.0000e+00	0.0000e+00
	2068	2.4221e+01	5.2500e+01	-4.3182e-17	2.2103e-01	0.0000e+00	0.0000e+00
380	2022	2.4895e+00	6.0000e+01	-4.2311e-17	-1.1776e+00	0.0000e+00	0.0000e+00
	1926	-2.4895e+00	6.0000e+01	4.2311e-17	1.1776e+00	0.0000e+00	0.0000e+00
381	1993	-2.4906e+00	6.0000e+01	-4.9333e-17	-7.5072e-01	0.0000e+00	0.0000e+00
	1924	2.4906e+00	6.0000e+01	4.9333e-17	7.5072e-01	0.0000e+00	0.0000e+00
382	1916	3.3584e+01	6.0000e+01	-5.8294e-17	6.7905e-02	0.0000e+00	0.0000e+00
	1923	-3.3584e+01	6.0000e+01	5.8294e-17	-6.7905e-02	0.0000e+00	0.0000e+00
383	2086	1.6169e+00	6.0000e+01	-6.6138e-17	4.1422e+00	0.0000e+00	0.0000e+00
	1922	-1.6169e+00	6.0000e+01	6.6138e-17	-4.1422e+00	0.0000e+00	0.0000e+00
384	2065	-2.8338e+01	6.6000e+01	-3.6311e-17	7.4652e-01	0.0000e+00	0.0000e+00
	2022	2.8338e+01	6.6000e+01	3.6311e-17	-7.4652e-01	0.0000e+00	0.0000e+00
385	2048	-6.6423e+00	6.6000e+01	-4.1842e-17	2.0336e-01	0.0000e+00	0.0000e+00
	1993	6.6423e+00	6.6000e+01	4.1842e-17	-2.0336e-01	0.0000e+00	0.0000e+00
386	2031	-1.3674e+01	6.6000e+01	-4.2996e-17	-3.7713e-02	0.0000e+00	0.0000e+00
	1916	1.3674e+01	6.6000e+01	4.2996e-17	3.7713e-02	0.0000e+00	0.0000e+00
387	2014	5.1504e-01	6.6000e+01	-4.7094e-17	-5.2414e-01	0.0000e+00	0.0000e+00
	2086	-5.1504e-01	6.6000e+01	4.7094e-17	5.2414e-01	0.0000e+00	0.0000e+00
388	2113	-2.3415e-01	4.2000e+01	0.0000e+00	-5.3226e-01	0.0000e+00	0.0000e+00
	2014	2.3415e-01	4.2000e+01	0.0000e+00	5.3226e-01	0.0000e+00	0.0000e+00
389	2114	-1.2331e+01	4.2000e+01	0.0000e+00	-3.8309e-01	0.0000e+00	0.0000e+00
	2031	1.2331e+01	4.2000e+01	0.0000e+00	3.8309e-01	0.0000e+00	0.0000e+00
390	2115	-9.2666e+00	4.2000e+01	0.0000e+00	1.4125e-01	0.0000e+00	0.0000e+00
	2048	9.2666e+00	4.2000e+01	0.0000e+00	-1.4125e-01	0.0000e+00	0.0000e+00
391	2117	-2.6463e+01	4.2000e+01	0.0000e+00	8.3875e-01	0.0000e+00	0.0000e+00
	2065	2.6463e+01	4.2000e+01	0.0000e+00	-8.3875e-01	0.0000e+00	0.0000e+00
392	2092	-8.3175e-01	6.6000e+01	1.7855e-17	1.1477e+00	0.0000e+00	0.0000e+00
	2113	8.3175e-01	6.6000e+01	-1.7855e-17	-1.1477e+00	0.0000e+00	0.0000e+00
393	2094	-1.1512e+01	6.6000e+01	1.8230e-17	1.3139e-01	0.0000e+00	0.0000e+00
	2114	1.1512e+01	6.6000e+01	-1.8230e-17	-1.3139e-01	0.0000e+00	0.0000e+00
394	2096	-1.1083e+01	6.6000e+01	1.4865e-17	-2.0247e-01	0.0000e+00	0.0000e+00
	2115	1.1083e+01	6.6000e+01	-1.4865e-17	2.0247e-01	0.0000e+00	0.0000e+00
395	2100	-2.5196e+01	6.6000e+01	1.0968e-17	-3.0740e-01	0.0000e+00	0.0000e+00
	2117	2.5196e+01	6.6000e+01	-1.0968e-17	3.0740e-01	0.0000e+00	0.0000e+00
396	2091	-1.2513e+00	5.2500e+01	-1.5727e-17	-2.2247e+00	0.0000e+00	0.0000e+00
	2092	1.2513e+00	5.2500e+01	1.5727e-17	2.2247e+00	0.0000e+00	0.0000e+00
397	2093	-1.1267e+01	5.2500e+01	-1.7245e-17	-4.6434e-01	0.0000e+00	0.0000e+00
	2094	1.1267e+01	5.2500e+01	1.7245e-17	4.6434e-01	0.0000e+00	0.0000e+00
398	2095	-1.2060e+01	5.2500e+01	-1.6063e-17	4.1089e-01	0.0000e+00	0.0000e+00
	2096	1.2060e+01	5.2500e+01	1.6063e-17	-4.1089e-01	0.0000e+00	0.0000e+00
399	2099	-2.4523e+01	5.2500e+01	-1.2840e-17	1.0117e+00	0.0000e+00	0.0000e+00
	2100	2.4523e+01	5.2500e+01	1.2840e-17	-1.0117e+00	0.0000e+00	0.0000e+00
400	2066	-2.4347e+01	5.2500e+01	1.1285e-17	-8.9682e-01	0.0000e+00	0.0000e+00
	2099	2.4347e+01	5.2500e+01	-1.1285e-17	8.9682e-01	0.0000e+00	0.0000e+00
401	2049	-2.4647e+01	6.6000e+01	-2.2055e-18	9.4369e-02	0.0000e+00	0.0000e+00
	2066	2.4647e+01	6.6000e+01	2.2055e-18	-9.4369e-02	0.0000e+00	0.0000e+00
402	2064	-1.2401e+01	5.2500e+01	1.4239e-17	-3.9179e-01	0.0000e+00	0.0000e+00
	2095	1.2401e+01	5.2500e+01	-1.4239e-17	3.9179e-01	0.0000e+00	0.0000e+00
403	2063	-1.1408e+01	5.2500e+01	1.5542e-17	4.1228e-01	0.0000e+00	0.0000e+00
	2093	1.1408e+01	5.2500e+01	-1.5542e-17	-4.1228e-01	0.0000e+00	0.0000e+00
404	2062	-1.5903e+00	5.2500e+01	1.4302e-17	2.1542e+00	0.0000e+00	0.0000e+00
	2091	1.5903e+00	5.2500e+01	-1.4302e-17	-2.1542e+00	0.0000e+00	0.0000e+00
405	2061	9.1694e+00	5.2500e+01	6.8547e-18	5.1872e+00	0.0000e+00	0.0000e+00

	2089	-9.1694e+00	5.2500e+01	-6.8547e-18	-5.1872e+00	0.0000e+00	0.0000e+00
406	2060	2.1687e+01	5.2500e+01	-5.2013e-18	6.0239e+00	0.0000e+00	0.0000e+00
	2087	-2.1687e+01	5.2500e+01	5.2013e-18	-6.0239e+00	0.0000e+00	0.0000e+00
407	2058	4.3963e+01	5.2500e+01	-1.2252e-17	4.6250e+00	0.0000e+00	0.0000e+00
	2083	-4.3963e+01	5.2500e+01	1.2252e-17	-4.6250e+00	0.0000e+00	0.0000e+00
408	2057	3.3075e+01	5.2500e+01	-1.4053e-17	1.6770e+00	0.0000e+00	0.0000e+00
	2081	-3.3075e+01	5.2500e+01	1.4053e-17	-1.6770e+00	0.0000e+00	0.0000e+00
409	2054	2.0232e+01	5.2500e+01	-1.6969e-17	-5.0889e+00	0.0000e+00	0.0000e+00
	2075	-2.0232e+01	5.2500e+01	1.6969e-17	5.0889e+00	0.0000e+00	0.0000e+00
410	2052	1.3573e+01	5.2500e+01	-2.6723e-17	-6.3280e+00	0.0000e+00	0.0000e+00
	2071	-1.3573e+01	5.2500e+01	2.6723e-17	6.3280e+00	0.0000e+00	0.0000e+00
411	2051	-2.4355e+01	5.2500e+01	-4.5662e-17	-1.2507e+00	0.0000e+00	0.0000e+00
	2069	2.4355e+01	5.2500e+01	4.5662e-17	1.2507e+00	0.0000e+00	0.0000e+00
412	2050	-2.3497e+01	5.2500e+01	-4.5061e-17	2.2251e-01	0.0000e+00	0.0000e+00
	2067	2.3497e+01	5.2500e+01	4.5061e-17	-2.2251e-01	0.0000e+00	0.0000e+00
413	2047	-1.2133e+01	6.6000e+01	-4.5486e-18	1.6878e-01	0.0000e+00	0.0000e+00
	2064	1.2133e+01	6.6000e+01	4.5486e-18	-1.6878e-01	0.0000e+00	0.0000e+00
414	2046	-1.1915e+01	6.6000e+01	-8.6514e-18	-3.2372e-02	0.0000e+00	0.0000e+00
	2063	1.1915e+01	6.6000e+01	8.6514e-18	3.2372e-02	0.0000e+00	0.0000e+00
415	2045	-1.8236e+00	6.6000e+01	-9.9181e-18	-1.0150e+00	0.0000e+00	0.0000e+00
	2062	1.8236e+00	6.6000e+01	9.9181e-18	1.0150e+00	0.0000e+00	0.0000e+00
416	2044	1.0244e+01	6.6000e+01	2.7032e-18	-3.1571e+00	0.0000e+00	0.0000e+00
	2061	-1.0244e+01	6.6000e+01	-2.7032e-18	3.1571e+00	0.0000e+00	0.0000e+00
417	2043	2.0834e+01	6.6000e+01	2.7375e-17	-3.8285e+00	0.0000e+00	0.0000e+00
	2060	-2.0834e+01	6.6000e+01	-2.7375e-17	3.8285e+00	0.0000e+00	0.0000e+00
418	2041	6.7359e+01	6.6000e+01	4.1946e-17	-2.9108e+00	0.0000e+00	0.0000e+00
	2058	-6.7359e+01	6.6000e+01	-4.1946e-17	2.9108e+00	0.0000e+00	0.0000e+00
419	2040	3.2730e+01	6.6000e+01	4.5692e-17	-9.6229e-01	0.0000e+00	0.0000e+00
	2057	-3.2730e+01	6.6000e+01	-4.5692e-17	9.6229e-01	0.0000e+00	0.0000e+00
420	2038	4.0659e+01	6.6000e+01	4.5728e-17	1.4206e+00	0.0000e+00	0.0000e+00
	2055	-4.0659e+01	6.6000e+01	-4.5728e-17	-1.4206e+00	0.0000e+00	0.0000e+00
421	2037	2.0846e+01	6.6000e+01	5.2069e-17	3.2863e+00	0.0000e+00	0.0000e+00
	2054	-2.0846e+01	6.6000e+01	-5.2069e-17	-3.2863e+00	0.0000e+00	0.0000e+00
422	2035	1.2191e+01	6.6000e+01	7.1618e-17	3.9883e+00	0.0000e+00	0.0000e+00
	2052	-1.2191e+01	6.6000e+01	-7.1618e-17	-3.9883e+00	0.0000e+00	0.0000e+00
423	2034	-2.5975e+01	6.6000e+01	1.0755e-16	6.0532e-01	0.0000e+00	0.0000e+00
	2051	2.5975e+01	6.6000e+01	-1.0755e-16	-6.0532e-01	0.0000e+00	0.0000e+00
424	2033	-2.1448e+01	6.6000e+01	1.0412e-16	-3.6093e-01	0.0000e+00	0.0000e+00
	2050	2.1448e+01	6.6000e+01	-1.0412e-16	3.6093e-01	0.0000e+00	0.0000e+00
425	2032	-2.5481e+01	4.2000e+01	0.0000e+00	-2.6427e-01	0.0000e+00	0.0000e+00
	2049	2.5481e+01	4.2000e+01	0.0000e+00	2.6427e-01	0.0000e+00	0.0000e+00
426	2030	-1.1122e+01	4.2000e+01	0.0000e+00	-4.6489e-02	0.0000e+00	0.0000e+00
	2047	1.1122e+01	4.2000e+01	0.0000e+00	4.6489e-02	0.0000e+00	0.0000e+00
427	2029	-1.2889e+01	4.2000e+01	0.0000e+00	1.1637e-01	0.0000e+00	0.0000e+00
	2046	1.2889e+01	4.2000e+01	0.0000e+00	-1.1637e-01	0.0000e+00	0.0000e+00
428	2028	-2.0564e+00	4.2000e+01	0.0000e+00	1.6073e-01	0.0000e+00	0.0000e+00
	2045	2.0564e+00	4.2000e+01	0.0000e+00	-1.6073e-01	0.0000e+00	0.0000e+00
429	2027	1.2186e+01	4.2000e+01	0.0000e+00	-4.9830e-03	0.0000e+00	0.0000e+00
	2044	-1.2186e+01	4.2000e+01	0.0000e+00	4.9830e-03	0.0000e+00	0.0000e+00
430	2026	1.7692e+01	4.2000e+01	0.0000e+00	-1.0001e-01	0.0000e+00	0.0000e+00
	2043	-1.7692e+01	4.2000e+01	0.0000e+00	1.0001e-01	0.0000e+00	0.0000e+00
431	2024	5.7319e+01	4.2000e+01	0.0000e+00	-6.7809e-02	0.0000e+00	0.0000e+00
	2041	-5.7319e+01	4.2000e+01	0.0000e+00	6.7809e-02	0.0000e+00	0.0000e+00
432	2023	2.9576e+01	4.2000e+01	0.0000e+00	1.2187e-02	0.0000e+00	0.0000e+00
	2040	-2.9576e+01	4.2000e+01	0.0000e+00	-1.2187e-02	0.0000e+00	0.0000e+00

433	2021	4.9056e+01	4.2000e+01	0.0000e+00	7.1076e-02	0.0000e+00	0.0000e+00
	2038	-4.9056e+01	4.2000e+01	0.0000e+00	-7.1076e-02	0.0000e+00	0.0000e+00
434	2020	2.0501e+01	4.2000e+01	0.0000e+00	9.0907e-02	0.0000e+00	0.0000e+00
	2037	-2.0501e+01	4.2000e+01	0.0000e+00	-9.0907e-02	0.0000e+00	0.0000e+00
435	2018	1.1034e+01	4.2000e+01	0.0000e+00	8.5304e-02	0.0000e+00	0.0000e+00
	2035	-1.1034e+01	4.2000e+01	0.0000e+00	-8.5304e-02	0.0000e+00	0.0000e+00
436	2017	-2.9457e+01	4.2000e+01	0.0000e+00	1.5093e-02	0.0000e+00	0.0000e+00
	2034	2.9457e+01	4.2000e+01	0.0000e+00	-1.5093e-02	0.0000e+00	0.0000e+00
437	2016	-1.7479e+01	4.2000e+01	0.0000e+00	-1.9671e-03	0.0000e+00	0.0000e+00
	2033	1.7479e+01	4.2000e+01	0.0000e+00	1.9671e-03	0.0000e+00	0.0000e+00
438	2015	-2.6844e+01	6.6000e+01	5.3529e-17	-1.1378e+00	0.0000e+00	0.0000e+00
	2032	2.6844e+01	6.6000e+01	-5.3529e-17	1.1378e+00	0.0000e+00	0.0000e+00
439	2013	-9.4257e+00	6.6000e+01	6.1286e-17	-2.5095e-01	0.0000e+00	0.0000e+00
	2030	9.4257e+00	6.6000e+01	-6.1286e-17	2.5095e-01	0.0000e+00	0.0000e+00
440	2012	-1.4262e+01	6.6000e+01	6.0983e-17	2.6596e-01	0.0000e+00	0.0000e+00
	2029	1.4262e+01	6.6000e+01	-6.0983e-17	-2.6596e-01	0.0000e+00	0.0000e+00
441	2011	-2.3034e+00	6.6000e+01	6.0127e-17	7.7624e-01	0.0000e+00	0.0000e+00
	2028	2.3034e+00	6.6000e+01	-6.0127e-17	-7.7624e-01	0.0000e+00	0.0000e+00
442	2010	1.4761e+01	6.6000e+01	5.3571e-17	1.0489e+00	0.0000e+00	0.0000e+00
	2027	-1.4761e+01	6.6000e+01	-5.3571e-17	-1.0489e+00	0.0000e+00	0.0000e+00
443	2009	1.3171e+01	6.6000e+01	5.0696e-17	7.8994e-01	0.0000e+00	0.0000e+00
	2026	-1.3171e+01	6.6000e+01	-5.0696e-17	-7.8994e-01	0.0000e+00	0.0000e+00
444	2007	5.6533e+01	6.6000e+01	5.1198e-17	4.5571e-01	0.0000e+00	0.0000e+00
	2024	-5.6533e+01	6.6000e+01	-5.1198e-17	-4.5571e-01	0.0000e+00	0.0000e+00
445	2006	2.4495e+01	6.6000e+01	5.3895e-17	1.0379e-01	0.0000e+00	0.0000e+00
	2023	-2.4495e+01	6.6000e+01	-5.3895e-17	-1.0379e-01	0.0000e+00	0.0000e+00
446	2004	7.1668e+01	6.6000e+01	5.7145e-17	-2.5236e-01	0.0000e+00	0.0000e+00
	2021	-7.1668e+01	6.6000e+01	-5.7145e-17	2.5236e-01	0.0000e+00	0.0000e+00
447	2003	1.9274e+01	6.6000e+01	5.9232e-17	-5.1561e-01	0.0000e+00	0.0000e+00
	2020	-1.9274e+01	6.6000e+01	-5.9232e-17	5.1561e-01	0.0000e+00	0.0000e+00
448	2001	9.9636e+00	6.6000e+01	0.0000e+00	-7.0494e-01	0.0000e+00	0.0000e+00
	2018	-9.9636e+00	6.6000e+01	0.0000e+00	7.0494e-01	0.0000e+00	0.0000e+00
449	2000	-3.4536e+01	6.6000e+01	0.0000e+00	1.3948e-01	0.0000e+00	0.0000e+00
	2017	3.4536e+01	6.6000e+01	0.0000e+00	-1.3948e-01	0.0000e+00	0.0000e+00
450	1999	-1.1978e+01	6.6000e+01	0.0000e+00	5.2081e-01	0.0000e+00	0.0000e+00
	2016	1.1978e+01	6.6000e+01	0.0000e+00	-5.2081e-01	0.0000e+00	0.0000e+00
451	1982	-2.9054e+01	6.0000e+01	4.6379e-17	1.3550e+00	0.0000e+00	0.0000e+00
	2015	2.9054e+01	6.0000e+01	-4.6379e-17	-1.3550e+00	0.0000e+00	0.0000e+00
452	1984	-6.5026e+00	6.0000e+01	5.4068e-17	7.7837e-01	0.0000e+00	0.0000e+00
	2013	6.5026e+00	6.0000e+01	-5.4068e-17	-7.7837e-01	0.0000e+00	0.0000e+00
453	1985	-4.9719e+01	6.0000e+01	6.2682e-17	-1.3604e-01	0.0000e+00	0.0000e+00
	2012	4.9719e+01	6.0000e+01	-6.2682e-17	1.3604e-01	0.0000e+00	0.0000e+00
454	1986	-2.6913e+00	6.0000e+01	6.9979e-17	-4.2212e+00	0.0000e+00	0.0000e+00
	2011	2.6913e+00	6.0000e+01	-6.9979e-17	4.2212e+00	0.0000e+00	0.0000e+00
455	1998	-3.6831e+01	6.0000e+01	4.1980e-17	-1.2538e+01	0.0000e+00	0.0000e+00
	2010	3.6831e+01	6.0000e+01	-4.1980e-17	1.2538e+01	0.0000e+00	0.0000e+00
456	1997	5.8231e+00	6.0000e+01	-6.9819e-18	-1.4548e+01	0.0000e+00	0.0000e+00
	2009	-5.8231e+00	6.0000e+01	6.9819e-18	1.4548e+01	0.0000e+00	0.0000e+00
457	1995	1.1568e+01	6.0000e+01	-3.3591e-17	-1.0696e+01	0.0000e+00	0.0000e+00
	2007	-1.1568e+01	6.0000e+01	3.3591e-17	1.0696e+01	0.0000e+00	0.0000e+00
458	1994	1.4624e+01	6.0000e+01	-3.6965e-17	-3.3254e+00	0.0000e+00	0.0000e+00
	2006	-1.4624e+01	6.0000e+01	3.6965e-17	3.3254e+00	0.0000e+00	0.0000e+00
459	1992	1.0209e+02	6.0000e+01	-3.3132e-17	5.3170e+00	0.0000e+00	0.0000e+00
	2004	-1.0209e+02	6.0000e+01	3.3132e-17	-5.3170e+00	0.0000e+00	0.0000e+00
460	1991	1.5249e+01	6.0000e+01	-4.2643e-17	1.2119e+01	0.0000e+00	0.0000e+00

	2003	-1.5249e+01	6.0000e+01	4.2643e-17	-1.2119e+01	0.0000e+00	0.0000e+00
461	1989	1.2772e+02	6.0000e+01	-7.8761e-17	1.4962e+01	0.0000e+00	0.0000e+00
	2001	-1.2772e+02	6.0000e+01	7.8761e-17	-1.4962e+01	0.0000e+00	0.0000e+00
462	1988	9.6130e+01	6.0000e+01	-1.5039e-16	2.6698e+00	0.0000e+00	0.0000e+00
	2000	-9.6130e+01	6.0000e+01	1.5039e-16	-2.6698e+00	0.0000e+00	0.0000e+00
463	1987	-3.3844e+00	6.0000e+01	-1.4807e-16	-1.1669e+00	0.0000e+00	0.0000e+00
	1999	3.3844e+00	6.0000e+01	1.4807e-16	1.1669e+00	0.0000e+00	0.0000e+00
464	1926	-1.2099e+02	-5.4945e+01	5.9038e-01	9.0272e+00	-8.7962e+01	-8.1864e+03
	1981	1.2099e+02	5.4945e+01	-5.9038e-01	-9.0272e+00	0.0000e+00	0.0000e+00
465	1924	-1.6806e+02	1.3459e+01	-1.8991e+00	-7.1005e+00	9.8383e+01	-6.8633e+03
	1926	1.6806e+02	-1.3459e+01	1.8991e+00	7.1005e+00	8.8138e+01	8.1852e+03
466	1923	-2.0015e+02	7.9566e+01	5.9152e-01	2.8595e+00	3.9113e+01	1.1387e+03
	1924	2.0015e+02	-7.9566e+01	-5.9152e-01	-2.8595e+00	-9.8597e+01	6.8626e+03
467	1922	-2.4768e+02	1.3620e+02	7.4272e-01	3.9057e+00	-3.3900e+01	1.4511e+04
	1923	2.4768e+02	-1.3620e+02	-7.4272e-01	-3.9057e+00	-3.9023e+01	-1.1386e+03
468	1949	-2.2685e+02	2.4906e+02	-8.7421e-01	-4.4688e+00	2.3124e+01	3.0733e+04
	1922	2.2685e+02	-2.4906e+02	8.7421e-01	4.4688e+00	3.3830e+01	-1.4507e+04
469	1921	-4.3618e+01	-2.7990e+02	-1.1587e+00	-4.3197e+00	6.7850e+01	1.9934e+04
	1949	4.3618e+01	2.7990e+02	1.1587e+00	4.3197e+00	-2.3147e+01	-3.0733e+04
470	1920	-9.5344e+01	-2.1686e+02	2.8987e+00	-2.0209e+00	-2.2592e+02	-2.0654e+03
	1921	9.5344e+01	2.1686e+02	-2.8987e+00	2.0209e+00	-6.7968e+01	-1.9921e+04
471	1918	-1.2827e+02	-1.4730e+02	-5.1312e+00	-2.4735e+01	2.9317e+02	-1.6943e+04
	1920	1.2827e+02	1.4730e+02	5.1312e+00	2.4735e+01	2.2457e+02	2.0800e+03
472	1917	-1.6680e+02	-6.9602e+01	5.3193e+00	7.6565e+00	-2.4238e+02	-2.3974e+04
	1918	1.6680e+02	6.9602e+01	-5.3193e+00	-7.6565e+00	-2.9411e+02	1.6954e+04
473	2107	-1.7199e+02	7.1963e+00	-3.7204e+00	-1.6306e+01	1.4314e+02	-2.3232e+04
	1917	1.7199e+02	-7.1963e+00	3.7204e+00	1.6306e+01	2.4196e+02	2.3977e+04
474	2080	-1.5530e+02	8.3937e+01	1.7232e+00	-7.6634e-01	-2.6092e+01	-1.4940e+04
	2107	1.5530e+02	-8.3937e+01	-1.7232e+00	7.6634e-01	-1.4405e+02	2.3227e+04
475	2079	-1.3158e+02	1.5870e+02	8.1087e-01	-3.5919e+00	-1.0748e+02	1.0477e+03
	2080	1.3158e+02	-1.5870e+02	-8.1087e-01	3.5919e+00	2.5855e+01	1.4927e+04
476	2056	-1.9257e+02	-1.4919e+02	7.2870e+00	1.0812e+01	-4.9179e+02	1.3841e+04
	1959	1.9257e+02	1.4919e+02	-7.2870e+00	-1.0812e+01	-1.3392e+02	-2.6651e+04
477	2039	-1.0068e+02	-9.4250e+01	-8.9565e+00	-2.2138e+01	4.1957e+02	4.2572e+03
	2056	1.0068e+02	9.4250e+01	8.9565e+00	2.2138e+01	4.9140e+02	-1.3843e+04
478	1960	-7.3503e+01	-3.7064e+01	3.9580e+00	8.5962e+00	3.1467e+02	3.2692e+03
	2039	7.3503e+01	3.7064e+01	-3.9580e+00	-8.5962e+00	-4.2006e+02	-4.2561e+03
479	2022	2.2688e+02	-4.9242e+01	6.0370e-01	2.9447e+00	-8.9946e+01	-7.3366e+03
	1980	-2.2688e+02	4.9242e+01	-6.0370e-01	-2.9447e+00	0.0000e+00	0.0000e+00
480	1993	1.4878e+02	6.7974e+00	-2.3047e+00	-1.3460e+01	1.3737e+02	-6.6709e+03
	2022	-1.4878e+02	-6.7974e+00	2.3047e+00	1.3460e+01	8.8986e+01	7.3385e+03
481	1916	7.6657e+01	9.5126e+01	1.8470e+00	4.6593e-01	-4.7702e+01	2.8941e+03
	1993	-7.6657e+01	-9.5126e+01	-1.8470e+00	-4.6593e-01	-1.3803e+02	6.6719e+03
482	2086	3.4531e+01	2.0147e+02	-5.9855e-01	-7.3160e-01	1.1077e+01	2.2676e+04
	1916	-3.4531e+01	-2.0147e+02	5.9855e-01	7.3160e-01	4.7690e+01	-2.8941e+03
483	1948	4.0982e+01	3.0594e+02	5.0335e-01	1.9885e+00	-2.1871e+01	4.2612e+04
	2086	-4.0982e+01	-3.0594e+02	-5.0335e-01	-1.9885e+00	-1.0922e+01	-2.2680e+04
484	2085	2.8929e+02	-4.1371e+02	3.5213e-01	1.8454e+00	-3.5457e+01	2.6651e+04
	1948	-2.8929e+02	4.1371e+02	-3.5213e-01	-1.8454e+00	2.1872e+01	-4.2612e+04
485	2059	2.5638e+02	-3.0204e+02	1.2227e+00	5.8575e-01	-1.5947e+02	-3.9581e+03
	2085	-2.5638e+02	3.0204e+02	-1.2227e+00	-5.8575e-01	3.5501e+01	-2.6664e+04
486	2042	2.0035e+02	-2.0267e+02	-4.0447e+00	-1.5457e+01	2.4940e+02	-2.4392e+04
	2059	-2.0035e+02	2.0267e+02	4.0447e+00	1.5457e+01	1.5872e+02	3.9425e+03
487	2025	1.5853e+02	-9.8289e+01	5.0552e+00	1.1931e+01	-2.6027e+02	-3.4294e+04
	2042	-1.5853e+02	9.8289e+01	-5.0552e+00	-1.1931e+01	-2.4959e+02	2.4381e+04

488	2008	1.4988e+02	1.2530e+01	-4.7792e+00	-1.3818e+01	2.3452e+02	-3.2994e+04
	2025	-1.4988e+02	-1.2530e+01	4.7792e+00	1.3818e+01	2.6018e+02	3.4291e+04
489	1996	1.2166e+02	1.1597e+02	4.4960e+00	1.1458e+01	-2.0927e+02	-2.1550e+04
	2008	-1.2166e+02	-1.1597e+02	-4.4960e+00	-1.1458e+01	-2.3463e+02	3.3000e+04
490	1919	1.6231e+02	2.2475e+02	-4.0510e+00	-1.1308e+01	1.9851e+02	1.0617e+03
	1996	-1.6231e+02	-2.2475e+02	4.0510e+00	1.1308e+01	2.0928e+02	2.1563e+04
491	2098	-6.9049e+01	-2.2996e+02	9.6893e-01	-3.0437e+00	-1.5614e+02	1.9562e+04
	1958	6.9049e+01	2.2996e+02	-9.6893e-01	3.0437e+00	7.2942e+01	-3.9309e+04
492	2097	-6.8511e+01	-1.1821e+02	-3.4767e+00	-1.3427e+01	1.9803e+02	7.5362e+03
	2098	6.8511e+01	1.1821e+02	3.4767e+00	1.3427e+01	1.5559e+02	-1.9560e+04
493	1961	-5.9895e+00	-8.7846e+00	1.9124e+00	1.0871e+00	1.4757e+02	7.3039e+03
	2097	5.9895e+00	8.7846e+00	-1.9124e+00	-1.0871e+00	-1.9849e+02	-7.5378e+03
494	2065	8.8672e+01	-5.5575e+01	3.6160e-01	7.5784e-01	-5.3875e+01	-8.2801e+03
	1979	-8.8672e+01	5.5575e+01	-3.6160e-01	-7.5784e-01	0.0000e+00	0.0000e+00
495	2048	6.7263e+00	1.1165e+01	-1.5134e+00	-9.0407e+00	9.5525e+01	-7.1836e+03
	2065	-6.7263e+00	-1.1165e+01	1.5134e+00	9.0407e+00	5.3116e+01	8.2802e+03
496	2031	-5.3935e+01	9.9033e+01	1.1109e+00	6.4101e-01	-1.5763e+01	2.7753e+03
	2048	5.3935e+01	-9.9033e+01	-1.1109e+00	-6.4101e-01	-9.5950e+01	7.1835e+03
497	2014	-1.1071e+02	1.9062e+02	-2.3210e-01	2.2571e-01	7.0143e+00	2.1491e+04
	2031	1.1071e+02	-1.9062e+02	2.3210e-01	-2.2571e-01	1.5774e+01	-2.7757e+03
498	1947	-9.6587e+01	3.1379e+02	5.1709e-01	1.9274e+00	-2.6940e+01	4.1935e+04
	2014	9.6587e+01	-3.1379e+02	-5.1709e-01	-1.9274e+00	-6.7481e+00	-2.1491e+04
499	2005	1.4870e+02	-3.9599e+02	3.8889e-01	1.7522e+00	-4.1945e+01	2.6657e+04
	1947	-1.4870e+02	3.9599e+02	-3.8889e-01	-1.7522e+00	2.6941e+01	-4.1935e+04
500	1983	1.0344e+02	-2.9759e+02	8.8924e-01	2.9546e-01	-1.3214e+02	-3.5154e+03
	2005	-1.0344e+02	2.9759e+02	-8.8924e-01	-2.9546e-01	4.1981e+01	-2.6656e+04
501	1925	5.2111e+01	-2.0052e+02	-3.3085e+00	-1.2997e+01	2.0234e+02	-2.3749e+04
	1983	-5.2111e+01	2.0052e+02	3.3085e+00	1.2997e+01	1.3150e+02	3.5166e+03
502	2125	6.0010e+00	-9.8147e+01	3.7576e+00	9.2084e+00	-1.7646e+02	-3.3649e+04
	1925	-6.0010e+00	9.8147e+01	-3.7576e+00	-9.2084e+00	-2.0253e+02	2.3750e+04
503	2123	-2.1511e+00	9.7284e+00	-2.8921e+00	-8.2543e+00	1.2285e+02	-3.2642e+04
	2125	2.1511e+00	-9.7284e+00	2.8921e+00	8.2543e+00	1.7651e+02	3.3649e+04
504	2122	1.4295e+01	1.1675e+02	2.3395e+00	5.1388e+00	-1.0798e+02	-2.1115e+04
	2123	-1.4295e+01	-1.1675e+02	-2.3395e+00	-5.1388e+00	-1.2300e+02	3.2641e+04
505	2120	5.1550e+01	2.1965e+02	-2.3869e+00	-6.6042e+00	1.3237e+02	9.9673e+02
	2122	-5.1550e+01	-2.1965e+02	2.3869e+00	6.6042e+00	1.0790e+02	2.1114e+04
506	2119	-1.0934e+02	-2.2156e+02	6.5347e-01	-1.1024e+00	-1.0433e+02	1.9188e+04
	1957	1.0934e+02	2.2156e+02	-6.5347e-01	1.1024e+00	4.8223e+01	-3.8212e+04
507	2118	-6.9735e+01	-1.2033e+02	-2.1552e+00	-8.0647e+00	1.1518e+02	6.9490e+03
	2119	6.9735e+01	1.2033e+02	2.1552e+00	8.0647e+00	1.0403e+02	-1.9188e+04
508	1962	-1.7505e+01	-2.5674e+01	1.1160e+00	3.7754e-01	8.5742e+01	6.2649e+03
	2118	1.7505e+01	2.5674e+01	-1.1160e+00	-3.7754e-01	-1.1546e+02	-6.9486e+03
509	2117	6.4562e+01	-5.9683e+01	2.0432e-01	-1.1272e+00	-3.0442e+01	-8.8922e+03
	1978	-6.4562e+01	5.9683e+01	-2.0432e-01	1.1272e+00	0.0000e+00	0.0000e+00
510	2115	-1.7728e+01	1.1505e+01	-1.0622e+00	-6.6380e+00	7.4589e+01	-7.7611e+03
	2117	1.7728e+01	-1.1505e+01	1.0622e+00	6.6380e+00	2.9731e+01	8.8911e+03
511	2114	-7.8231e+01	1.0184e+02	7.5432e-01	9.1958e-01	-9.7712e-01	2.4800e+03
	2115	7.8231e+01	-1.0184e+02	-7.5432e-01	-9.1958e-01	-7.4878e+01	7.7608e+03
512	2113	-1.3492e+02	1.9406e+02	-6.3891e-02	8.9353e-01	5.2720e+00	2.1533e+04
	2114	1.3492e+02	-1.9406e+02	6.3891e-02	-8.9353e-01	1.0010e+00	-2.4795e+03
513	1946	-1.1923e+02	3.2303e+02	5.3371e-01	2.1507e+00	-2.9875e+01	4.2577e+04
	2113	1.1923e+02	-3.2303e+02	-5.3371e-01	-2.1507e+00	-4.8956e+00	-2.1531e+04
514	2112	1.3095e+02	-4.0076e+02	4.3070e-01	1.9569e+00	-4.6495e+01	2.7115e+04
	1946	-1.3095e+02	4.0076e+02	-4.3070e-01	-1.9569e+00	2.9878e+01	-4.2577e+04
515	2111	8.5543e+01	-3.0173e+02	5.2100e-01	3.4214e-01	-9.9357e+01	-3.4796e+03

	2112	-8.5543e+01	3.0173e+02	-5.2100e-01	-3.4214e-01	4.6534e+01	-2.7112e+04
516	2109	3.3888e+01	-2.0284e+02	-2.4267e+00	-9.6535e+00	1.4597e+02	-2.3950e+04
	2111	-3.3888e+01	2.0284e+02	2.4267e+00	9.6535e+00	9.8888e+01	3.4831e+03
517	2108	2.4404e-03	-9.7836e+01	2.6341e+00	6.2606e+00	-1.1953e+02	-3.3820e+04
	2109	-2.4404e-03	9.7836e+01	-2.6341e+00	-6.2606e+00	-1.4614e+02	2.3953e+04
518	2106	-8.0896e+00	1.0630e+01	-1.8573e+00	-5.5683e+00	7.2686e+01	-3.2721e+04
	2108	8.0896e+00	-1.0630e+01	1.8573e+00	5.5683e+00	1.1956e+02	3.3821e+04
519	2105	1.4370e+01	1.1735e+02	1.3841e+00	2.3627e+00	-6.3806e+01	-2.1133e+04
	2106	-1.4370e+01	-1.1735e+02	-1.3841e+00	-2.3627e+00	-7.2847e+01	3.2720e+04
520	2103	5.1690e+01	2.2024e+02	-1.6691e+00	-4.5720e+00	1.0433e+02	1.0399e+03
	2105	-5.1690e+01	-2.2024e+02	1.6691e+00	4.5720e+00	6.3686e+01	2.1131e+04
521	2102	-1.0961e+02	-2.2211e+02	4.7110e-01	-6.8555e-02	-7.6948e+01	1.9254e+04
	1956	1.0961e+02	2.2211e+02	-4.7110e-01	6.8555e-02	3.6496e+01	-3.8326e+04
522	2101	-7.0042e+01	-1.2086e+02	-1.4423e+00	-5.2050e+00	6.9929e+01	6.9621e+03
	2102	7.0042e+01	1.2086e+02	1.4423e+00	5.2050e+00	7.6771e+01	-1.9255e+04
523	1963	-1.7850e+01	-2.6180e+01	6.8220e-01	-7.8551e-02	5.1958e+01	6.2646e+03
	2101	1.7850e+01	2.6180e+01	-6.8220e-01	7.8551e-02	-7.0123e+01	-6.9617e+03
524	2100	1.0960e+02	-5.8905e+01	5.9061e-02	-2.5263e+00	-8.7996e+00	-8.7763e+03
	1977	-1.0960e+02	5.8905e+01	-5.9061e-02	2.5263e+00	0.0000e+00	0.0000e+00
525	2099	3.3721e+01	-6.3046e+01	-7.2691e-02	-4.1791e+00	1.0830e+01	-9.3933e+03
	1976	-3.3721e+01	6.3046e+01	7.2691e-02	4.1791e+00	0.0000e+00	0.0000e+00
526	2096	1.9855e+01	1.2054e+01	-6.1373e-01	-4.0827e+00	5.2083e+01	-7.5937e+03
	2100	-1.9855e+01	-1.2054e+01	6.1373e-01	4.0827e+00	8.1943e+00	8.7776e+03
527	2095	-4.6713e+01	1.1524e+01	-2.4919e-01	-2.1423e+00	3.5883e+01	-8.2596e+03
	2099	4.6713e+01	-1.1524e+01	2.4919e-01	2.1423e+00	-1.1409e+01	9.3914e+03
528	2094	-4.6788e+01	1.0721e+02	3.6336e-01	1.1918e+00	1.5689e+01	3.1866e+03
	2096	4.6788e+01	-1.0721e+02	-3.6336e-01	-1.1918e+00	-5.2229e+01	7.5943e+03
529	2093	-1.0535e+02	1.0232e+02	9.1201e-02	1.4881e+00	2.6745e+01	2.0305e+03
	2095	1.0535e+02	-1.0232e+02	-9.1201e-02	-1.4881e+00	-3.5916e+01	8.2588e+03
530	2092	-1.0912e+02	2.0737e+02	1.1776e-01	1.6045e+00	4.0904e+00	2.3548e+04
	2094	1.0912e+02	-2.0737e+02	-1.1776e-01	-1.6045e+00	-1.5652e+01	-3.1872e+03
531	2091	-1.6037e+02	1.9275e+02	2.3270e-01	2.1919e+00	3.8488e+00	2.0955e+04
	2093	1.6037e+02	-1.9275e+02	-2.3270e-01	-2.1919e+00	-2.6696e+01	-2.0296e+03
532	1945	-9.4434e+01	3.3956e+02	5.3736e-01	2.5524e+00	-3.1432e+01	4.5673e+04
	2092	9.4434e+01	-3.3956e+02	-5.3736e-01	-2.5524e+00	-3.5764e+00	-2.3551e+04
533	1944	-1.4324e+02	3.2512e+02	5.7166e-01	3.0633e+00	-3.4045e+01	4.2132e+04
	2091	1.4324e+02	-3.2512e+02	-5.7166e-01	-3.0633e+00	-3.1990e+00	-2.0950e+04
534	2090	1.7216e+02	-4.3196e+02	4.4893e-01	2.3486e+00	-4.8757e+01	2.9008e+04
	1945	-1.7216e+02	4.3196e+02	-4.4893e-01	-2.3486e+00	3.1437e+01	-4.5673e+04
535	2089	1.0582e+02	-3.9519e+02	5.0499e-01	2.8427e+00	-5.3535e+01	2.6885e+04
	1944	-1.0582e+02	3.9519e+02	-5.0499e-01	-2.8427e+00	3.4052e+01	-4.2132e+04
536	2088	1.2258e+02	-3.2430e+02	1.2108e-01	6.5511e-01	-6.1086e+01	-3.8640e+03
	2090	-1.2258e+02	3.2430e+02	-1.2108e-01	-6.5511e-01	4.8810e+01	-2.9016e+04
537	2087	6.1494e+01	-2.9817e+02	-3.8332e-01	9.8307e-01	-1.4738e+01	-3.3562e+03
	2089	-6.1494e+01	2.9817e+02	3.8332e-01	-9.8307e-01	5.3601e+01	-2.6874e+04
538	2084	6.6438e+01	-2.1872e+02	-1.3888e+00	-5.4926e+00	7.9294e+01	-2.5924e+04
	2088	-6.6438e+01	2.1872e+02	1.3888e+00	5.4926e+00	6.0842e+01	3.8542e+03
539	2083	1.0899e+01	-1.9982e+02	-1.1799e-01	-5.0437e-01	-2.8571e+00	-2.3531e+04
	2087	-1.0899e+01	1.9982e+02	1.1799e-01	5.0437e-01	1.4762e+01	3.3682e+03
540	2082	2.3778e+01	-1.0703e+02	1.5654e+00	3.1415e+00	-7.8467e+01	-3.6712e+04
	2084	-2.3778e+01	1.0703e+02	-1.5654e+00	-3.1415e+00	-7.9412e+01	2.5916e+04
541	2081	-5.3101e+00	-9.4451e+01	3.8997e-02	-9.6069e-01	-6.7249e+00	-3.3066e+04
	2083	5.3101e+00	9.4451e+01	-3.8997e-02	9.6069e-01	2.7917e+00	2.3540e+04
542	2078	1.4814e+01	9.6293e+00	-1.3285e+00	-4.6191e+00	5.9120e+01	-3.5712e+04
	2082	-1.4814e+01	-9.6293e+00	1.3285e+00	4.6191e+00	7.8394e+01	3.6709e+04

543	2077	-1.3086e+01	1.1523e+01	-1.2680e-01	-1.6198e+00	6.5276e+00	-3.1877e+04
	2081	1.3086e+01	-1.1523e+01	1.2680e-01	1.6198e+00	6.5972e+00	3.3069e+04
544	2076	1.5660e+01	1.2789e+02	1.0184e+00	1.8857e+00	-4.1301e+01	-2.3089e+04
	2078	-1.5660e+01	-1.2789e+02	-1.0184e+00	-1.8857e+00	-5.9252e+01	3.5716e+04
545	2075	1.4084e+01	1.1502e+02	9.2984e-02	-7.6076e-01	-2.5406e+00	-2.0517e+04
	2077	-1.4084e+01	-1.1502e+02	-9.2984e-02	7.6076e-01	-6.6399e+00	3.1873e+04
546	2072	5.6515e+01	2.4080e+02	-1.2118e+00	-2.6052e+00	8.0719e+01	1.1429e+03
	2076	-5.6515e+01	-2.4080e+02	1.2118e+00	2.6052e+00	4.1262e+01	2.3097e+04
547	2071	5.0467e+01	2.1504e+02	-6.6983e-01	-1.0318e+00	6.4984e+01	1.1394e+03
	2075	-5.0467e+01	-2.1504e+02	6.6983e-01	1.0318e+00	2.4431e+00	2.0507e+04
548	2070	-1.2000e+02	-2.4315e+02	1.7305e-01	1.3257e+00	-3.9023e+01	2.1057e+04
	1955	1.2000e+02	2.4315e+02	-1.7305e-01	-1.3257e+00	2.4164e+01	-4.1935e+04
549	2069	-1.0715e+02	-2.1712e+02	-9.3341e-02	2.3017e+00	-9.0284e+00	1.8862e+04
	1954	1.0715e+02	2.1712e+02	9.3341e-02	-2.3017e+00	1.7043e+01	-3.7505e+04
550	2068	-7.6540e+01	-1.3207e+02	-4.4675e-01	-1.2822e+00	6.4145e+00	7.6223e+03
	2070	7.6540e+01	1.3207e+02	4.4675e-01	1.2822e+00	3.9024e+01	-2.1055e+04
551	2067	-6.8754e+01	-1.1863e+02	3.2945e-01	1.6939e+00	-4.2670e+01	6.7984e+03
	2069	6.8754e+01	1.1863e+02	-3.2945e-01	-1.6939e+00	9.1619e+00	-1.8865e+04
552	1964	-1.9236e+01	-2.8212e+01	7.4582e-02	-8.0978e-01	4.5052e+00	6.8717e+03
	2068	1.9236e+01	2.8212e+01	-7.4582e-02	8.0978e-01	-6.4911e+00	-7.6229e+03
553	1965	-1.8093e+01	-2.6537e+01	-3.9416e-01	-1.4303e+00	-3.2184e+01	6.0914e+03
	2067	1.8093e+01	2.6537e+01	3.9416e-01	1.4303e+00	4.2680e+01	-6.7980e+03
554	2066	1.0540e+02	-5.9613e+01	-1.9971e-01	-5.7887e+00	2.9754e+01	-8.8818e+03
	1975	-1.0540e+02	5.9613e+01	1.9971e-01	5.7887e+00	0.0000e+00	0.0000e+00
555	2064	1.5604e+01	1.2119e+01	1.0013e-01	-2.8772e-01	2.0477e+01	-7.6925e+03
	2066	-1.5604e+01	-1.2119e+01	-1.0013e-01	2.8772e-01	-3.0311e+01	8.8828e+03
556	2063	-5.1010e+01	1.0770e+02	-1.6745e-01	1.7793e+00	3.7241e+01	3.1374e+03
	2064	5.1010e+01	-1.0770e+02	1.6745e-01	-1.7793e+00	-2.0402e+01	7.6931e+03
557	2062	-1.1333e+02	2.0797e+02	3.3882e-01	2.7593e+00	3.9148e+00	2.3557e+04
	2063	1.1333e+02	-2.0797e+02	-3.3882e-01	-2.7593e+00	-3.7181e+01	-3.1378e+03
558	1943	-9.8368e+01	3.4118e+02	5.7216e-01	3.6297e+00	-3.4151e+01	4.5788e+04
	2062	9.8368e+01	-3.4118e+02	-5.7216e-01	-3.6297e+00	-3.1248e+00	-2.3561e+04
559	2061	1.6907e+02	-4.3279e+02	5.2711e-01	3.4082e+00	-5.4499e+01	2.9091e+04
	1943	-1.6907e+02	4.3279e+02	-5.2711e-01	-3.4082e+00	3.4162e+01	-4.5788e+04
560	2060	1.1947e+02	-3.2503e+02	-5.4780e-01	1.5148e+00	9.5535e-01	-3.8542e+03
	2061	-1.1947e+02	3.2503e+02	5.4780e-01	-1.5148e+00	5.4584e+01	-2.9099e+04
561	2058	6.3274e+01	-2.1913e+02	3.0597e-01	1.6032e+00	-3.0075e+01	-2.5955e+04
	2060	-6.3274e+01	2.1913e+02	-3.0597e-01	-1.6032e+00	-7.9814e-01	3.8444e+03
562	2057	1.5584e+01	-1.0734e+02	-3.5557e-01	-1.8632e+00	5.7859e+00	-3.6773e+04
	2058	-1.5584e+01	1.0734e+02	3.5557e-01	1.8632e+00	3.0077e+01	2.5947e+04
563	2055	6.6300e+00	1.0134e+01	-1.1027e-02	-1.2830e+00	7.0829e+00	-3.5722e+04
	2057	-6.6300e+00	-1.0134e+01	1.1027e-02	1.2830e+00	-5.9416e+00	3.6771e+04
564	2054	1.5673e+01	1.2800e+02	4.1191e-02	-4.0963e-01	3.0959e+00	-2.3088e+04
	2055	-1.5673e+01	-1.2800e+02	-4.1191e-02	4.0963e-01	-7.1628e+00	3.5725e+04
565	2052	5.6539e+01	2.4091e+02	-5.7234e-01	-7.1413e-02	6.0736e+01	1.1540e+03
	2054	-5.6539e+01	-2.4091e+02	5.7234e-01	7.1413e-02	-3.1220e+00	2.3096e+04
566	2051	-1.2005e+02	-2.4326e+02	-4.5369e-01	3.0424e+00	2.4912e+01	2.1070e+04
	1953	1.2005e+02	2.4326e+02	4.5369e-01	-3.0424e+00	1.4045e+01	-4.1957e+04
567	2050	-7.6600e+01	-1.3217e+02	1.1666e+00	4.6986e+00	-9.4003e+01	7.6249e+03
	2051	7.6600e+01	1.3217e+02	-1.1666e+00	-4.6986e+00	-2.4654e+01	-2.1068e+04
568	1966	-1.9303e+01	-2.8311e+01	-8.8276e-01	-2.1865e+00	-7.0589e+01	6.8716e+03
	2050	1.9303e+01	2.8311e+01	8.8276e-01	2.1865e+00	9.4095e+01	-7.6255e+03
569	2049	7.0273e+01	-5.8721e+01	-3.3087e-01	-7.3073e+00	4.9296e+01	-8.7489e+03
	1974	-7.0273e+01	5.8721e+01	3.3087e-01	7.3073e+00	0.0000e+00	0.0000e+00
570	2047	-1.1939e+01	1.1413e+01	5.0289e-01	1.7686e+00	4.1194e-01	-7.6276e+03

	2049	1.1939e+01	-1.1413e+01	-5.0289e-01	-1.7686e+00	-4.9804e+01	8.7485e+03
571	2046	-7.2480e+01	1.0116e+02	-5.0794e-01	1.8011e+00	5.1311e+01	2.5456e+03
	2047	7.2480e+01	-1.0116e+02	5.0794e-01	-1.8011e+00	-2.3144e-01	7.6274e+03
572	2045	-1.2919e+02	1.9323e+02	4.6603e-01	3.1517e+00	5.4893e+00	2.1518e+04
	2046	1.2919e+02	-1.9323e+02	-4.6603e-01	-3.1517e+00	-5.1245e+01	-2.5455e+03
573	1942	-1.1388e+02	3.2083e+02	6.9873e-01	4.3938e+00	-4.0966e+01	4.2419e+04
	2045	1.1388e+02	-3.2083e+02	-6.9873e-01	-4.3938e+00	-4.5564e+00	-2.1517e+04
574	2044	1.3515e+02	-3.9963e+02	6.7617e-01	4.1284e+00	-6.7067e+01	2.7001e+04
	1942	-1.3515e+02	3.9963e+02	-6.7617e-01	-4.1284e+00	4.0980e+01	-4.2419e+04
575	2043	8.9773e+01	-3.0075e+02	-1.2656e+00	1.7984e+00	6.1145e+01	-3.4943e+03
	2044	-8.9773e+01	3.0075e+02	1.2656e+00	-1.7984e+00	6.7170e+01	-2.6998e+04
576	2041	3.8195e+01	-2.0229e+02	1.8763e+00	7.9395e+00	-1.2867e+02	-2.3910e+04
	2043	-3.8195e+01	2.0229e+02	-1.8763e+00	-7.9395e+00	-6.0654e+01	3.4980e+03
577	2040	1.3112e+01	-9.7321e+01	-2.0650e+00	-6.3553e+00	7.9506e+01	-3.3728e+04
	2041	-1.3112e+01	9.7321e+01	2.0650e+00	6.3553e+00	1.2877e+02	2.3912e+04
578	2038	5.0071e+00	9.8485e+00	1.0890e+00	1.5236e+00	-3.2974e+01	-3.2709e+04
	2040	-5.0071e+00	-9.8485e+00	-1.0890e+00	-1.5236e+00	-7.9745e+01	3.3729e+04
579	2037	1.4352e+01	1.1721e+02	-6.3202e-01	-1.8377e+00	2.9424e+01	-2.1136e+04
	2038	-1.4352e+01	-1.1721e+02	6.3202e-01	1.8377e+00	3.2976e+01	3.2708e+04
580	2035	5.1658e+01	2.2011e+02	-2.8693e-01	1.3646e+00	5.8333e+01	1.0240e+03
	2037	-5.1658e+01	-2.2011e+02	2.8693e-01	-1.3646e+00	-2.9450e+01	2.1133e+04
581	2034	-1.0954e+02	-2.2196e+02	-1.0838e+00	3.6461e+00	7.7866e+01	1.9236e+04
	1952	1.0954e+02	2.2196e+02	1.0838e+00	-3.6461e+00	1.5193e+01	-3.8295e+04
582	2033	-6.9959e+01	-1.2071e+02	2.3981e+00	8.8359e+00	-1.6647e+02	6.9585e+03
	2034	6.9959e+01	1.2071e+02	-2.3981e+00	-8.8359e+00	-7.7449e+01	-1.9236e+04
583	1967	-1.7757e+01	-2.6044e+01	-1.5710e+00	-3.3581e+00	-1.2484e+02	6.2647e+03
	2033	1.7757e+01	2.6044e+01	1.5710e+00	3.3581e+00	1.6667e+02	-6.9581e+03
584	2032	7.7820e+01	-5.7442e+01	-4.6916e-01	-9.2520e+00	6.9901e+01	-8.5583e+03
	1973	-7.7820e+01	5.7442e+01	4.6916e-01	9.2520e+00	0.0000e+00	0.0000e+00
585	2030	-4.2849e+00	1.1300e+01	8.9469e-01	3.5989e+00	-1.7453e+01	-7.4476e+03
	2032	4.2849e+00	-1.1300e+01	-8.9469e-01	-3.5989e+00	-7.0419e+01	8.5575e+03
586	2029	-6.4877e+01	1.0028e+02	-8.0184e-01	1.8201e+00	6.2907e+01	2.6367e+03
	2030	6.4877e+01	-1.0028e+02	8.0184e-01	-1.8201e+00	1.7727e+01	7.4474e+03
587	2028	-1.2161e+02	1.9215e+02	5.7135e-01	3.4760e+00	6.7400e+00	2.1502e+04
	2029	1.2161e+02	-1.9215e+02	-5.7135e-01	-3.4760e+00	-6.2837e+01	-2.6365e+03
588	1941	-1.0679e+02	3.1793e+02	8.1840e-01	5.0129e+00	-4.7628e+01	4.2215e+04
	2028	1.0679e+02	-3.1793e+02	-8.1840e-01	-5.0129e+00	-5.6904e+00	-2.1502e+04
589	2027	1.4070e+02	-3.9814e+02	8.2854e-01	4.7047e+00	-7.9610e+01	2.6855e+04
	1941	-1.4070e+02	3.9814e+02	-8.2854e-01	-4.7047e+00	4.7645e+01	-4.2215e+04
590	2026	9.5370e+01	-2.9945e+02	-1.7461e+00	1.9390e+00	9.7306e+01	-3.5071e+03
	2027	-9.5370e+01	2.9945e+02	1.7461e+00	-1.9390e+00	7.9726e+01	-2.6854e+04
591	2024	4.3894e+01	-2.0156e+02	2.7750e+00	1.1717e+01	-1.8338e+02	-2.3846e+04
	2026	-4.3894e+01	2.0156e+02	-2.7750e+00	-1.1717e+01	-9.6618e+01	3.5080e+03
592	2023	1.7239e+01	-9.7307e+01	-3.1152e+00	-8.6871e+00	1.3062e+02	-3.3661e+04
	2024	-1.7239e+01	9.7307e+01	3.1152e+00	8.6871e+00	1.8357e+02	2.3846e+04
593	2021	9.1152e+00	9.4552e+00	1.9657e+00	4.2486e+00	-7.2628e+01	-3.2682e+04
	2023	-9.1152e+00	-9.4552e+00	-1.9657e+00	-4.2486e+00	-1.3084e+02	3.3661e+04
594	2020	1.4329e+01	1.1702e+02	-1.2838e+00	-3.4528e+00	5.4067e+01	-2.1128e+04
	2021	-1.4329e+01	-1.1702e+02	1.2838e+00	3.4528e+00	7.2681e+01	3.2682e+04
595	2018	5.1614e+01	2.1992e+02	-5.6812e-02	2.4319e+00	5.9841e+01	1.0099e+03
	2020	-5.1614e+01	-2.1992e+02	5.6812e-02	-2.4319e+00	-5.4122e+01	2.1128e+04
596	2017	-1.0944e+02	-2.2176e+02	-1.6788e+00	3.6686e+00	1.2386e+02	1.9213e+04
	1951	1.0944e+02	2.2176e+02	1.6788e+00	-3.6686e+00	2.0295e+01	-3.8255e+04
597	2016	-6.9848e+01	-1.2052e+02	3.3997e+00	1.1929e+01	-2.2244e+02	6.9542e+03
	2017	6.9848e+01	1.2052e+02	-3.3997e+00	-1.1929e+01	-1.2334e+02	-1.9213e+04

598	1968	-1.7632e+01	-2.5861e+01	-2.1010e+00	-4.3660e+00	-1.6678e+02	6.2651e+03
	2016	1.7632e+01	2.5861e+01	2.1010e+00	4.3660e+00	2.2272e+02	-6.9537e+03
599	2015	2.3459e+02	-4.7717e+01	-6.6599e-01	-1.1681e+01	9.9226e+01	-7.1095e+03
	1972	-2.3459e+02	4.7717e+01	6.6599e-01	1.1681e+01	0.0000e+00	0.0000e+00
600	2013	1.3991e+02	6.0415e+00	1.5437e+00	6.5370e+00	-5.1920e+01	-6.5186e+03
	2015	-1.3991e+02	-6.0415e+00	-1.5437e+00	-6.5370e+00	-9.9697e+01	7.1120e+03
601	2012	6.7760e+01	9.5268e+01	-1.3793e+00	1.2665e+00	8.6391e+01	3.0606e+03
	2013	-6.7760e+01	-9.5268e+01	1.3793e+00	-1.2665e+00	5.2315e+01	6.5196e+03
602	2011	1.7429e+01	1.9742e+02	7.7133e-01	3.5611e+00	1.0595e+01	2.2445e+04
	2012	-1.7429e+01	-1.9742e+02	-7.7133e-01	-3.5611e+00	-8.6327e+01	-3.0610e+03
603	1940	2.3408e+01	3.0617e+02	1.1592e+00	6.0344e+00	-6.6115e+01	4.2397e+04
	2011	-2.3408e+01	-3.0617e+02	-1.1592e+00	-6.0344e+00	-9.4088e+00	-2.2450e+04
604	2010	2.7016e+02	-4.0882e+02	1.2128e+00	5.6077e+00	-1.1293e+02	2.6624e+04
	1940	-2.7016e+02	4.0882e+02	-1.2128e+00	-5.6077e+00	6.6136e+01	-4.2397e+04
605	2009	2.4665e+02	-3.0182e+02	-2.7966e+00	1.5959e+00	1.7050e+02	-3.9631e+03
	2010	-2.4665e+02	3.0182e+02	2.7966e+00	-1.5959e+00	1.1304e+02	-2.6638e+04
606	2007	1.9069e+02	-2.0148e+02	4.5509e+00	1.8738e+01	-2.8972e+02	-2.4277e+04
	2009	-1.9069e+02	2.0148e+02	-4.5509e+00	-1.8738e+01	-1.6948e+02	3.9478e+03
607	2006	1.8349e+02	-9.8085e+01	-5.4387e+00	-1.3339e+01	2.5851e+02	-3.4159e+04
	2007	-1.8349e+02	9.8085e+01	5.4387e+00	1.3339e+01	2.9003e+02	2.4266e+04
608	2004	1.7474e+02	1.0268e+01	4.4324e+00	1.2243e+01	-2.0023e+02	-3.3092e+04
	2006	-1.7474e+02	-1.0268e+01	-4.4324e+00	-1.2243e+01	-2.5857e+02	3.4155e+04
609	2003	1.7874e+02	1.1835e+02	-3.3484e+00	-9.1842e+00	1.3019e+02	-2.1413e+04
	2004	-1.7874e+02	-1.1835e+02	3.3484e+00	9.1842e+00	2.0041e+02	3.3098e+04
610	2001	2.1931e+02	2.2093e+02	6.7614e-01	4.9907e+00	6.2352e+01	8.1352e+02
	2003	-2.1931e+02	-2.2093e+02	-6.7614e-01	-4.9907e+00	-1.3041e+02	2.1426e+04
611	2000	1.7392e+00	-2.3370e+02	-3.0368e+00	3.0668e+00	2.2323e+02	1.9402e+04
	1950	-1.7392e+00	2.3370e+02	3.0368e+00	-3.0668e+00	3.7529e+01	-3.9469e+04
612	1999	-1.9216e+01	-1.1452e+02	5.4544e+00	1.7908e+01	-3.3224e+02	7.7527e+03
	2000	1.9216e+01	1.1452e+02	-5.4544e+00	-1.7908e+01	-2.2253e+02	-1.9400e+04
613	1969	4.3444e+01	-8.6995e+00	-3.1391e+00	-6.4303e+00	-2.4908e+02	7.5227e+03
	1999	-4.3444e+01	8.6995e+00	3.1391e+00	6.4303e+00	3.3266e+02	-7.7543e+03
614	1982	-1.2178e+02	-5.4736e+01	-1.1425e+00	-1.2711e+01	1.7022e+02	-8.1551e+03
	1971	1.2178e+02	5.4736e+01	1.1425e+00	1.2711e+01	0.0000e+00	0.0000e+00
615	1984	-1.8531e+02	1.2963e+01	3.1100e+00	1.8400e+01	-1.3575e+02	-6.8805e+03
	1982	1.8531e+02	-1.2963e+01	-3.1100e+00	-1.8400e+01	-1.6970e+02	8.1537e+03
616	1985	-2.1736e+02	8.0813e+01	-3.3926e+00	4.6126e+00	2.0425e+02	1.2469e+03
	1984	2.1736e+02	-8.0813e+01	3.3926e+00	-4.6126e+00	1.3692e+02	6.8797e+03
617	1986	-2.7578e+02	1.3307e+02	2.4897e+00	1.0079e+01	-4.0381e+01	1.4312e+04
	1985	2.7578e+02	-1.3307e+02	-2.4897e+00	-1.0079e+01	-2.0407e+02	-1.2466e+03
618	1938	-2.5486e+02	2.5288e+02	-2.0160e-01	-5.9759e-02	-2.8486e+01	3.0783e+04
	1986	2.5486e+02	-2.5288e+02	2.0160e-01	5.9759e-02	4.1620e+01	-1.4308e+04
619	1998	-7.0958e+01	-2.7780e+02	-2.7433e-01	-2.4125e-01	-1.7901e+01	2.0065e+04
	1938	7.0958e+01	2.7780e+02	2.7433e-01	2.4125e-01	2.8485e+01	-3.0783e+04
620	1997	-1.1597e+02	-2.1867e+02	-1.5137e+00	-8.3968e-01	1.3559e+02	-2.1174e+03
	1998	1.1597e+02	2.1867e+02	1.5137e+00	8.3968e-01	1.7881e+01	-2.0053e+04
621	1995	-1.4897e+02	-1.4702e+02	4.3094e+00	1.2803e+01	-2.9984e+02	-1.6967e+04
	1997	1.4897e+02	1.4702e+02	-4.3094e+00	-1.2803e+01	-1.3498e+02	2.1319e+03
622	1994	-1.5774e+02	-6.9400e+01	-6.7594e+00	-2.0319e+01	3.8231e+02	-2.3977e+04
	1995	1.5774e+02	6.9400e+01	6.7594e+00	2.0319e+01	2.9944e+02	1.6977e+04
623	1992	-1.6295e+02	6.5028e+00	7.8648e+00	1.7517e+01	-4.3164e+02	-2.3307e+04
	1994	1.6295e+02	-6.5028e+00	-7.8648e+00	-1.7517e+01	-3.8245e+02	2.3980e+04
624	1991	-9.5148e+01	8.6714e+01	-8.5141e+00	-2.8913e+01	4.0958e+02	-1.4740e+04
	1992	9.5148e+01	-8.6714e+01	8.5141e+00	2.8913e+01	4.3104e+02	2.3302e+04
625	1989	-7.1472e+01	1.5494e+02	6.7349e+00	1.5682e+01	-2.6766e+02	8.6792e+02

1991	7.1472e+01	-1.5494e+02	-6.7349e+00	-1.5682e+01	-4.1030e+02	1.4728e+04	
626	1988	-1.2114e+02	-1.5328e+02	2.4820e+00	1.7165e+01	-4.4032e+01	1.3667e+04
	1939	1.2114e+02	1.5328e+02	-2.4820e+00	-1.7165e+01	-1.6909e+02	-2.6828e+04
627	1987	-5.2444e+01	-9.0492e+01	1.4807e+00	1.4214e+01	-1.9568e+02	4.4654e+03
	1988	5.2444e+01	9.0492e+01	-1.4807e+00	-1.4214e+01	4.5078e+01	-1.3669e+04
628	1970	-2.5119e+01	-3.6842e+01	-1.9037e+00	-1.3042e-01	-1.4550e+02	3.4832e+03
	1987	2.5119e+01	3.6842e+01	1.9037e+00	1.3042e-01	1.9619e+02	-4.4642e+03
629	1910	0.0000e+00	9.8483e+01	0.0000e+00	9.0843e-02	0.0000e+00	7.7716e+03
	28	0.0000e+00	-9.8483e+01	0.0000e+00	-9.0843e-02	0.0000e+00	1.0645e+04
630	1905	0.0000e+00	6.7803e+01	0.0000e+00	1.1703e+02	0.0000e+00	4.7646e+03
	33	0.0000e+00	-6.7803e+01	0.0000e+00	-1.1703e+02	0.0000e+00	7.9144e+03
631	1915	0.0000e+00	6.7323e+01	0.0000e+00	-1.2543e+02	0.0000e+00	4.7295e+03
	23	0.0000e+00	-6.7323e+01	0.0000e+00	1.2543e+02	0.0000e+00	7.8600e+03
632	1894	-5.9722e+01	-1.1871e+02	-5.9038e-01	7.0283e+00	7.8282e+01	-1.4601e+04
	1981	5.9722e+01	1.1871e+02	5.9038e-01	-7.0283e+00	-5.6650e+00	0.0000e+00
633	1895	2.0754e+02	1.0404e+02	-6.0370e-01	2.2927e+00	7.6104e+01	1.2797e+04
	1980	-2.0754e+02	-1.0404e+02	6.0370e-01	-2.2927e+00	-1.8480e+00	1.0914e-11
634	1896	1.0391e+02	1.2378e+01	-3.6160e-01	5.9004e-01	4.4952e+01	1.5225e+03
	1979	-1.0391e+02	-1.2378e+01	3.6160e-01	-5.9004e-01	-4.7559e-01	-7.2760e-12
635	1897	8.7721e+01	-5.9510e+00	-2.0432e-01	-8.7758e-01	2.4424e+01	-7.3197e+02
	1978	-8.7721e+01	5.9510e+00	2.0432e-01	8.7758e-01	7.0736e-01	-1.4552e-11
636	1898	1.2229e+02	2.2916e+01	-5.9061e-02	-1.9669e+00	5.6791e+00	2.8187e+03
	1977	-1.2229e+02	-2.2916e+01	5.9061e-02	1.9669e+00	1.5854e+00	7.2760e-12
637	1899	6.5819e+01	-2.7924e+01	7.2691e-02	-3.2537e+00	-1.1564e+01	-3.4347e+03
	1976	-6.5819e+01	2.7924e+01	-7.2691e-02	3.2537e+00	2.6226e+00	0.0000e+00
638	1900	1.1948e+02	1.9734e+01	1.9971e-01	-4.5069e+00	-2.8197e+01	2.4272e+03
	1975	-1.1948e+02	-1.9734e+01	-1.9971e-01	4.5069e+00	3.6327e+00	2.1828e-11
639	1901	9.1563e+01	-1.6186e+00	3.3087e-01	-5.6892e+00	-4.5283e+01	-1.9909e+02
	1974	-9.1563e+01	1.6186e+00	-3.3087e-01	5.6892e+00	4.5857e+00	2.1828e-11
640	1902	9.6636e+01	4.1134e+00	4.6916e-01	-7.2033e+00	-6.3513e+01	5.0594e+02
	1973	-9.6636e+01	-4.1134e+00	-4.6916e-01	7.2033e+00	5.8061e+00	7.2760e-12
641	1903	2.1259e+02	1.1006e+02	6.6599e-01	-9.0944e+00	-8.9247e+01	1.3538e+04
	1972	-2.1259e+02	-1.1006e+02	-6.6599e-01	9.0944e+00	7.3304e+00	-3.6380e-12
642	1904	-6.0467e+01	-1.1904e+02	1.1425e+00	-9.8963e+00	-1.4850e+02	-1.4642e+04
	1971	6.0467e+01	1.1904e+02	-1.1425e+00	9.8963e+00	7.9768e+00	-2.9104e-11
2422	55	-5.5511e-17	-2.3401e+00	-2.2204e-16	-7.3816e+02	-9.5923e-14	-5.1826e+02
	56	5.5511e-17	2.3401e+00	2.2204e-16	7.3816e+02	1.2434e-14	-4.1777e+02
2423	54	-3.0531e-16	3.2908e-01	1.3184e-16	1.5861e+02	2.1494e-13	2.5172e+01
	55	3.0531e-16	-3.2908e-01	-1.3184e-16	-1.5861e+02	1.8741e-13	1.1962e+02
2424	53	5.5511e-17	3.0818e-02	3.1225e-15	1.8661e+00	-3.6415e-13	8.3812e+01
	54	-5.5511e-17	-3.0818e-02	-3.1225e-15	-1.8661e+00	-3.4017e-13	-7.5183e+01
2425	52	-2.7756e-16	-8.9871e-02	1.2490e-16	-1.0433e+02	-2.7089e-14	-6.0153e+01
	53	2.7756e-16	8.9871e-02	-1.2490e-16	1.0433e+02	-5.2625e-14	2.0610e+01
2426	51	-8.8818e-16	4.8078e-01	1.0139e-15	1.4333e+02	1.3989e-13	1.0369e+02
	52	8.8818e-16	-4.8078e-01	-1.0139e-15	-1.4333e+02	6.8945e-14	6.4580e+01
2427	50	-2.2204e-16	-5.1398e-01	-9.9400e-16	-1.4343e+02	-6.9389e-14	-7.0500e+01
	51	2.2204e-16	5.1398e-01	9.9400e-16	1.4343e+02	-1.4166e-13	-1.0939e+02
2428	49	8.3267e-17	6.9179e-02	-1.1276e-16	1.0460e+02	5.1070e-14	-2.5061e+01
	50	-8.3267e-17	-6.9179e-02	1.1276e-16	-1.0460e+02	2.5757e-14	5.5500e+01
2429	48	-3.3307e-16	-8.0898e-02	-3.2405e-15	-2.4094e+00	3.5882e-13	6.8140e+01
	49	3.3307e-16	8.0898e-02	3.2405e-15	2.4094e+00	3.8280e-13	-9.0791e+01
2430	47	5.5511e-17	-3.5009e-01	-2.1511e-16	-1.5821e+02	-1.7719e-13	-1.2436e+02
	48	-5.5511e-17	3.5009e-01	2.1511e-16	1.5821e+02	-2.0339e-13	-2.9685e+01
2431	35	0.0000e+00	2.3089e+00	1.8041e-16	7.3768e+02	-6.2172e-15	4.1126e+02
	47	0.0000e+00	-2.3089e+00	-1.8041e-16	-7.3768e+02	1.0214e-13	5.1230e+02

2432	45	2.2204e-16	-4.2011e-02	-1.7347e-16	1.9817e+03	-1.0481e-13	-6.1411e+01
	46	-2.2204e-16	4.2011e-02	1.7347e-16	-1.9817e+03	3.5527e-15	4.4607e+01
2433	44	0.0000e+00	-6.6156e-01	1.1449e-16	-4.0574e+02	2.1938e-13	-1.7464e+02
	45	0.0000e+00	6.6156e-01	-1.1449e-16	4.0574e+02	1.9273e-13	-1.1644e+02
2434	43	6.6613e-16	-1.3608e-02	3.3862e-15	-9.9670e+00	-3.8902e-13	6.5740e+01
	44	-6.6613e-16	1.3608e-02	-3.3862e-15	9.9670e+00	-3.6504e-13	-6.9550e+01
2435	42	-2.2204e-16	1.5569e-01	1.2837e-16	2.6693e+02	-2.7089e-14	-4.1462e+00
	43	2.2204e-16	-1.5569e-01	-1.2837e-16	-2.6693e+02	-5.2625e-14	7.2652e+01
2436	65	2.2204e-16	-2.6589e-01	-1.7347e-16	-6.3659e+02	-1.0481e-13	-9.5206e+01
	66	-2.2204e-16	2.6589e-01	1.7347e-16	6.3659e+02	3.5527e-15	-1.1151e+01
2437	64	2.2204e-16	-5.7446e-01	1.0061e-16	1.5150e+02	2.2204e-13	-1.5551e+02
	65	-2.2204e-16	5.7446e-01	-1.0061e-16	-1.5150e+02	1.9451e-13	-9.7251e+01
2438	63	-2.2204e-16	7.1416e-02	3.1086e-15	3.5940e+00	-3.6238e-13	7.0857e+01
	64	2.2204e-16	-7.1416e-02	-3.1086e-15	-3.5940e+00	-3.3840e-13	-5.0861e+01
2439	62	0.0000e+00	1.9428e-01	1.5266e-16	-8.5097e+01	-3.2863e-14	7.1932e+00
	63	0.0000e+00	-1.9428e-01	-1.5266e-16	8.5097e+01	-5.8398e-14	7.8291e+01
2440	61	8.8818e-16	2.5875e-01	9.9486e-16	1.4220e+02	1.4300e-13	6.4282e+01
	62	-8.8818e-16	-2.5875e-01	-9.9486e-16	-1.4220e+02	7.1831e-14	2.6282e+01
2441	41	0.0000e+00	-3.1750e-01	1.0573e-15	-4.1220e+02	1.3167e-13	-3.7221e+01
	42	0.0000e+00	3.1750e-01	-1.0573e-15	4.1220e+02	5.9952e-14	-7.3904e+01
2442	40	-2.2204e-16	2.7737e-01	-1.0139e-15	4.1221e+02	-6.5836e-14	6.6614e+01
	41	2.2204e-16	-2.7737e-01	1.0139e-15	-4.1221e+02	-1.3811e-13	3.0464e+01
2443	39	-2.2204e-16	-1.5337e-01	-1.2317e-16	-2.6644e+02	5.3069e-14	-7.1805e+01
	40	2.2204e-16	1.5337e-01	1.2317e-16	2.6644e+02	2.7534e-14	4.3206e+00
2444	38	2.2204e-16	-1.1103e-01	-3.2405e-15	9.3561e+00	3.5616e-13	5.1946e+01
	39	-2.2204e-16	1.1103e-01	3.2405e-15	-9.3561e+00	3.8014e-13	-8.3035e+01
2445	37	-2.2204e-16	6.8431e-01	-1.8041e-16	4.0660e+02	-1.8252e-13	1.2117e+02
	38	2.2204e-16	-6.8431e-01	1.8041e-16	-4.0660e+02	-2.0872e-13	1.7992e+02
2446	34	-2.2204e-16	-1.4259e-02	1.5266e-16	-1.9820e+03	0.0000e+00	-5.5848e+01
	37	2.2204e-16	1.4259e-02	-1.5266e-16	1.9820e+03	1.0747e-13	5.0145e+01
2447	60	8.8818e-16	-3.0088e-01	-1.0738e-15	-1.4197e+02	-5.6177e-14	-3.3770e+01
	61	-8.8818e-16	3.0088e-01	1.0738e-15	1.4197e+02	-1.2812e-13	-7.1537e+01
2448	59	-4.4409e-16	-2.1926e-01	-1.1102e-16	8.5171e+01	5.0404e-14	-8.3700e+01
	60	4.4409e-16	2.1926e-01	1.1102e-16	-8.5171e+01	2.4869e-14	-1.2776e+01
2449	58	2.2204e-16	-1.3882e-01	-3.4070e-15	-3.2339e+00	3.7748e-13	4.1342e+01
	59	-2.2204e-16	1.3882e-01	3.4070e-15	3.2339e+00	4.0146e-13	-8.0210e+01
2450	57	0.0000e+00	5.5483e-01	-1.5266e-16	-1.5179e+02	-1.8785e-13	9.2760e+01
	58	0.0000e+00	-5.5483e-01	1.5266e-16	1.5179e+02	-2.1405e-13	1.5136e+02
2451	36	-2.2204e-16	2.2871e-01	1.5266e-16	6.3668e+02	-8.8818e-16	3.3511e+00
	57	2.2204e-16	-2.2871e-01	-1.5266e-16	-6.3668e+02	1.0747e-13	8.8134e+01
2452	56	-8.8818e-15	5.3685e+02	-3.9031e-18	-2.7375e+01	2.2204e-16	4.0087e+04
	46	8.8818e-15	4.2235e+02	3.9031e-18	2.7375e+01	-8.3267e-16	-1.5124e+04
2453	66	1.6165e-13	2.5417e+02	1.2143e-17	7.9922e+01	-8.8818e-16	6.0148e+03
	56	-1.6165e-13	4.1463e+02	-1.2143e-17	-7.9922e+01	-2.2204e-15	-3.0404e+04
2454	55	-3.7303e-14	1.0996e+03	2.6021e-18	-3.5080e+01	-4.4409e-16	7.9342e+04
	45	3.7303e-14	9.1469e+02	-2.6021e-18	3.5080e+01	-4.4409e-16	-3.9024e+04
2455	65	4.2810e-13	5.4679e+02	-8.6736e-18	4.7083e+01	-2.2204e-16	1.3580e+04
	55	-4.2810e-13	8.5769e+02	8.6736e-18	-4.7083e+01	0.0000e+00	-6.0837e+04
2456	54	1.9273e-13	9.4975e+02	1.3010e-18	2.0487e+01	6.6613e-16	6.9122e+04
	44	-1.9273e-13	7.7681e+02	-1.3010e-18	-2.0487e+01	-6.1062e-16	-3.1419e+04
2457	64	2.0872e-13	4.6128e+02	1.2143e-17	-3.2470e+01	-8.8818e-16	1.0721e+04
	54	-2.0872e-13	7.4256e+02	-1.2143e-17	3.2470e+01	-2.2204e-15	-5.3474e+04
2458	53	-2.0783e-13	9.4978e+02	1.3010e-18	-2.6329e+00	-4.4409e-16	6.9147e+04
	43	2.0783e-13	7.7678e+02	-1.3010e-18	2.6329e+00	-1.1102e-16	-3.1435e+04
2459	63	2.2382e-13	4.6140e+02	-3.4694e-18	1.9674e+01	1.3323e-15	1.0743e+04

	53	-2.2382e-13	7.4244e+02	3.4694e-18	-1.9674e+01	0.0000e+00	-5.3461e+04
2460	52	2.2427e-14	1.0389e+03	3.0358e-18	3.4444e+00	6.6613e-16	7.5368e+04
	42	-2.2427e-14	8.5550e+02	-3.0358e-18	-3.4444e+00	-6.1062e-16	-3.5383e+04
2461	62	-1.9096e-14	5.0902e+02	-1.5613e-17	-1.5714e+00	1.1102e-15	1.2126e+04
	52	1.9096e-14	8.1186e+02	1.5613e-17	1.5714e+00	8.8818e-16	-5.8159e+04
2462	51	-1.0894e-15	9.2449e+02	-4.3368e-19	4.8252e-01	2.2204e-16	6.7313e+04
	41	1.0894e-15	7.5411e+02	4.3368e-19	-4.8252e-01	1.6653e-16	-3.0170e+04
2463	61	-1.2651e-14	4.4979e+02	-1.7347e-18	3.7290e-01	-2.2204e-16	1.0745e+04
	51	1.2651e-14	7.2061e+02	1.7347e-18	-3.7290e-01	-4.4409e-16	-5.1909e+04
2464	50	-3.1752e-14	1.0389e+03	1.7347e-18	-2.8611e+00	-2.2204e-16	7.5374e+04
	40	3.1752e-14	8.5547e+02	-1.7347e-18	2.8611e+00	-2.2204e-16	-3.5376e+04
2465	60	1.9540e-14	5.0902e+02	1.0408e-17	2.3406e+00	-2.2204e-16	1.2127e+04
	50	-1.9540e-14	8.1186e+02	-1.0408e-17	-2.3406e+00	-1.3323e-15	-5.8160e+04
2466	49	2.0028e-13	9.4978e+02	3.4694e-18	3.9367e+00	0.0000e+00	6.9147e+04
	39	-2.0028e-13	7.7678e+02	-3.4694e-18	-3.9367e+00	4.4409e-16	-3.1433e+04
2467	59	-2.1849e-13	4.6143e+02	-3.4694e-18	-1.8843e+01	1.3323e-15	1.0748e+04
	49	2.1849e-13	7.4241e+02	3.4694e-18	1.8843e+01	0.0000e+00	-5.3456e+04
2468	48	-1.9362e-13	9.4982e+02	-2.1684e-18	-1.9422e+01	6.6613e-16	6.9136e+04
	38	1.9362e-13	7.7674e+02	2.1684e-18	1.9422e+01	6.1062e-16	-3.1404e+04
2469	58	-1.9629e-13	4.6130e+02	1.7347e-18	3.3444e+01	6.6613e-16	1.0726e+04
	48	1.9629e-13	7.4254e+02	-1.7347e-18	-3.3444e+01	-8.8818e-16	-5.3475e+04
2470	47	4.0856e-14	1.0996e+03	-2.6021e-18	3.5639e+01	-6.6613e-16	7.9338e+04
	37	-4.0856e-14	9.1470e+02	2.6021e-18	-3.5639e+01	-6.1062e-16	-3.9025e+04
2471	57	-4.3698e-13	5.4689e+02	0.0000e+00	-4.5838e+01	6.6613e-16	1.3595e+04
	47	4.3698e-13	8.5759e+02	0.0000e+00	4.5838e+01	0.0000e+00	-6.0821e+04
2472	35	1.7764e-15	5.3691e+02	1.7347e-18	2.8743e+01	-2.2204e-16	4.0096e+04
	34	-1.7764e-15	4.2229e+02	-1.7347e-18	-2.8743e+01	-2.2204e-16	-1.5110e+04
2473	36	-1.5277e-13	2.5429e+02	-1.3878e-17	-7.8333e+01	-1.9984e-15	6.0338e+03
	35	1.5277e-13	4.1451e+02	1.3878e-17	7.8333e+01	8.8818e-16	-3.0388e+04
2474	33	7.2819e+02	-2.5790e+01	1.8593e+00	-3.3335e-01	-8.7138e+02	-4.2578e+03
	66	-7.2819e+02	2.5790e+01	-1.8593e+00	3.3335e-01	8.4919e+01	-6.6514e+03
2475	22	9.5382e+02	-3.9700e+01	1.1568e+00	-3.3335e-01	-7.9980e+02	-6.3720e+03
	56	-9.5382e+02	3.9700e+01	-1.1568e+00	3.3335e-01	3.1047e+02	-1.0421e+04
2476	21	1.9547e+03	-6.3998e+01	-1.1743e+00	-3.3335e-01	1.8027e+02	-9.4631e+03
	55	-1.9547e+03	6.3998e+01	1.1743e+00	3.3335e-01	3.1647e+02	-1.7608e+04
2477	32	1.2648e+03	-4.6330e+01	-1.1265e+00	-3.3335e-01	2.4140e+02	-6.8060e+03
	65	-1.2648e+03	4.6330e+01	1.1265e+00	3.3335e-01	2.3510e+02	-1.2791e+04
2478	20	1.6926e+03	-5.7499e+01	-2.0168e+00	-3.3335e-01	7.5016e+02	-8.5176e+03
	54	-1.6926e+03	5.7499e+01	2.0168e+00	3.3335e-01	1.0297e+02	-1.5804e+04
2479	19	1.6923e+03	-5.7457e+01	2.1566e+00	-3.3335e-01	-7.8549e+02	-8.5121e+03
	53	-1.6923e+03	5.7457e+01	-2.1566e+00	3.3335e-01	-1.2673e+02	-1.5792e+04
2480	8	1.5425e+03	9.8507e+01	2.1629e+00	-3.3335e-01	-7.8051e+02	9.9568e+03
	43	-1.5425e+03	-9.8507e+01	-2.1629e+00	3.3335e-01	-1.3442e+02	3.1712e+04
2481	9	1.5271e+03	9.8984e+01	-2.5608e+00	-3.3335e-01	8.5786e+02	1.0055e+04
	44	-1.5271e+03	-9.8984e+01	2.5608e+00	3.3335e-01	2.2537e+02	3.1815e+04
2482	10	1.6757e+03	1.1707e+02	-1.0284e+00	-3.3335e-01	2.2010e+02	1.2885e+04
	45	-1.6757e+03	-1.1707e+02	1.0284e+00	3.3335e-01	2.1490e+02	3.6637e+04
2483	11	9.8303e+02	5.0131e+01	3.0158e+00	-3.3335e-01	-1.2622e+03	4.1000e+03
	46	-9.8303e+02	-5.0131e+01	-3.0158e+00	3.3335e-01	-1.3534e+01	1.7105e+04
2484	31	1.1493e+03	-3.8698e+01	-2.1269e+00	-3.3335e-01	7.2890e+02	-5.5002e+03
	64	-1.1493e+03	3.8698e+01	2.1269e+00	3.3335e-01	1.7078e+02	-1.0869e+04
2485	30	1.1512e+03	-3.8520e+01	1.9743e+00	-3.3335e-01	-7.0306e+02	-5.4624e+03
	63	-1.1512e+03	3.8520e+01	-1.9743e+00	3.3335e-01	-1.3208e+02	-1.0832e+04
2486	18	1.8502e+03	-6.1597e+01	-7.7495e-01	-3.3335e-01	3.2721e+02	-9.0945e+03
	52	-1.8502e+03	6.1597e+01	7.7495e-01	3.3335e-01	5.8848e-01	-1.6961e+04

2487	6	1.5159e+03	9.5848e+01	-3.9935e-02	-3.3335e-01	9.7514e+00	9.5495e+03
	41	-1.5159e+03	-9.5848e+01	3.9935e-02	3.3335e-01	7.1413e+00	3.0994e+04
2488	29	1.2644e+03	-4.2707e+01	-4.8726e-01	-3.3335e-01	2.4280e+02	-6.1663e+03
	62	-1.2644e+03	4.2707e+01	4.8726e-01	3.3335e-01	-3.6689e+01	-1.1899e+04
2489	17	1.6461e+03	-5.7114e+01	-3.2873e-02	-3.3335e-01	8.0955e+00	-8.4681e+03
	51	-1.6461e+03	5.7114e+01	3.2873e-02	3.3335e-01	5.8099e+00	-1.5691e+04
2490	7	1.6721e+03	1.0913e+02	-1.2604e+00	-3.3335e-01	4.5741e+02	1.1458e+04
	42	-1.6721e+03	-1.0913e+02	1.2604e+00	3.3335e-01	7.5755e+01	3.4704e+04
2491	5	1.6747e+03	1.0910e+02	1.2129e+00	-3.3335e-01	-4.4556e+02	1.1450e+04
	40	-1.6747e+03	-1.0910e+02	-1.2129e+00	3.3335e-01	-6.7488e+01	3.4698e+04
2492	28	1.1233e+03	-4.1043e+01	-3.8359e-02	-3.3335e-01	9.7104e+00	-6.3324e+03
	61	-1.1233e+03	4.1043e+01	3.8359e-02	3.3335e-01	6.5156e+00	-1.1029e+04
2493	16	1.8502e+03	-6.1617e+01	7.1362e-01	-3.3335e-01	-3.1166e+02	-9.0983e+03
	50	-1.8502e+03	6.1617e+01	-7.1362e-01	3.3335e-01	9.7988e+00	-1.6966e+04
2494	27	1.2647e+03	-4.2715e+01	4.1659e-01	-3.3335e-01	-2.2444e+02	-6.1683e+03
	60	-1.2647e+03	4.2715e+01	-4.1659e-01	3.3335e-01	4.8221e+01	-1.1900e+04
2495	4	1.5390e+03	9.8485e+01	-2.2544e+00	-3.3335e-01	8.0241e+02	9.9505e+03
	39	-1.5390e+03	-9.8485e+01	2.2544e+00	3.3335e-01	1.5120e+02	3.1709e+04
2496	15	1.6923e+03	-5.7486e+01	-2.2236e+00	-3.3335e-01	8.0197e+02	-8.5184e+03
	49	-1.6923e+03	5.7486e+01	2.2236e+00	3.3335e-01	1.3863e+02	-1.5798e+04
2497	26	1.1510e+03	-3.8546e+01	-2.0509e+00	-3.3335e-01	7.2247e+02	-5.4684e+03
	59	-1.1510e+03	3.8546e+01	2.0509e+00	3.3335e-01	1.4504e+02	-1.0837e+04
2498	3	1.5336e+03	9.8906e+01	2.4929e+00	-3.3335e-01	-8.4191e+02	1.0037e+04
	38	-1.5336e+03	-9.8906e+01	-2.4929e+00	3.3335e-01	-2.1258e+02	3.1801e+04
2499	14	1.6926e+03	-5.7556e+01	1.9506e+00	-3.3335e-01	-7.3377e+02	-8.5290e+03
	48	-1.6926e+03	5.7556e+01	-1.9506e+00	3.3335e-01	-9.1322e+01	-1.5817e+04
2500	25	1.1498e+03	-3.8729e+01	2.0573e+00	-3.3335e-01	-7.1109e+02	-5.5079e+03
	58	-1.1498e+03	3.8729e+01	-2.0573e+00	3.3335e-01	-1.5916e+02	-1.0874e+04
2501	2	1.6710e+03	1.1707e+02	9.8622e-01	-3.3335e-01	-2.0952e+02	1.2883e+04
	37	-1.6710e+03	-1.1707e+02	-9.8622e-01	3.3335e-01	-2.0765e+02	3.6636e+04
2502	13	1.9546e+03	-6.4061e+01	1.1143e+00	-3.3335e-01	-1.6486e+02	-9.4769e+03
	47	-1.9546e+03	6.4061e+01	-1.1143e+00	3.3335e-01	-3.0647e+02	-1.7621e+04
2503	24	1.2628e+03	-4.6410e+01	1.0684e+00	-3.3335e-01	-2.2564e+02	-6.8246e+03
	57	-1.2628e+03	4.6410e+01	-1.0684e+00	3.3335e-01	-2.2631e+02	-1.2807e+04
2504	1	9.8492e+02	5.0056e+01	-3.1093e+00	-3.3335e-01	1.2872e+03	4.0819e+03
	34	-9.8492e+02	-5.0056e+01	3.1093e+00	3.3335e-01	2.8051e+01	1.7092e+04
2505	12	9.5373e+02	-3.9817e+01	-1.2031e+00	-3.3335e-01	8.1307e+02	-6.3972e+03
	35	-9.5373e+02	3.9817e+01	1.2031e+00	3.3335e-01	-3.0418e+02	-1.0445e+04
2506	23	7.2600e+02	-2.5890e+01	-1.8915e+00	-3.3335e-01	8.8217e+02	-4.2808e+03
	36	-7.2600e+02	2.5890e+01	1.8915e+00	3.3335e-01	-8.2054e+01	-6.6705e+03
654	1906	0.0000e+00	-6.5867e+01	0.0000e+00	2.3422e+03	0.0000e+00	-3.5634e+03
	1905	0.0000e+00	-8.1628e+01	0.0000e+00	-4.7646e+03	0.0000e+00	1.1703e+02
655	1907	0.0000e+00	-4.1643e+01	0.0000e+00	5.9612e+02	0.0000e+00	-2.2783e+03
	1906	0.0000e+00	-4.9500e+01	0.0000e+00	-2.3422e+03	0.0000e+00	3.5634e+03
656	1908	0.0000e+00	-3.5326e+01	0.0000e+00	-3.4429e+02	0.0000e+00	-2.3362e+03
	1907	0.0000e+00	-3.5283e+01	0.0000e+00	-5.9612e+02	0.0000e+00	2.2783e+03
657	1909	0.0000e+00	-4.0209e+01	0.0000e+00	-2.0024e+03	0.0000e+00	-1.9442e+03
	1908	0.0000e+00	-4.0987e+01	0.0000e+00	3.4429e+02	0.0000e+00	2.3362e+03
658	1910	0.0000e+00	-8.5684e+01	0.0000e+00	-3.8836e+03	0.0000e+00	-6.4293e+03
	1909	0.0000e+00	-4.4145e+01	0.0000e+00	2.0024e+03	0.0000e+00	1.9442e+03
659	1911	0.0000e+00	-4.4084e+01	0.0000e+00	2.0073e+03	0.0000e+00	-1.9378e+03
	1910	0.0000e+00	-8.5680e+01	0.0000e+00	-3.8880e+03	0.0000e+00	6.4294e+03
660	1912	0.0000e+00	-4.1058e+01	0.0000e+00	3.5184e+02	0.0000e+00	-2.3466e+03
	1911	0.0000e+00	-4.0152e+01	0.0000e+00	-2.0073e+03	0.0000e+00	1.9378e+03
661	1913	0.0000e+00	-3.5128e+01	0.0000e+00	-5.8535e+02	0.0000e+00	-2.2598e+03

	1912	0.0000e+00	-3.5421e+01	0.0000e+00	-3.5184e+02	0.0000e+00	2.3466e+03
662	1914	0.0000e+00	-5.0074e+01	0.0000e+00	-2.3224e+03	0.0000e+00	-3.6138e+03
	1913	0.0000e+00	-4.1573e+01	0.0000e+00	5.8535e+02	0.0000e+00	2.2598e+03
663	1915	0.0000e+00	-8.2733e+01	0.0000e+00	-4.7295e+03	0.0000e+00	-1.2543e+02
	1914	0.0000e+00	-6.6744e+01	0.0000e+00	2.3224e+03	0.0000e+00	3.6138e+03
664	1895	0.0000e+00	-1.0373e+02	0.0000e+00	-1.0271e+04	0.0000e+00	-1.0871e+04
	1894	0.0000e+00	4.0296e+01	0.0000e+00	1.6410e+04	0.0000e+00	-6.3362e+02
665	1896	0.0000e+00	-7.6099e+01	0.0000e+00	2.7419e+03	0.0000e+00	-3.5825e+03
	1895	0.0000e+00	-1.3117e+02	0.0000e+00	1.2023e+03	0.0000e+00	1.0815e+04
666	1897	0.0000e+00	-5.6388e+01	0.0000e+00	2.5390e+03	0.0000e+00	-3.4508e+03
	1896	0.0000e+00	-6.0549e+01	0.0000e+00	2.7201e+02	0.0000e+00	3.7281e+03
667	1898	0.0000e+00	-7.8009e+01	0.0000e+00	1.7234e+03	0.0000e+00	-5.4783e+03
	1897	0.0000e+00	-6.3926e+01	0.0000e+00	2.6515e+03	0.0000e+00	3.2634e+03
668	1899	0.0000e+00	-4.8935e+01	0.0000e+00	3.9420e+03	0.0000e+00	-1.9464e+03
	1898	0.0000e+00	-7.6160e+01	0.0000e+00	-1.7480e+02	0.0000e+00	5.5746e+03
669	1900	0.0000e+00	-7.4616e+01	0.0000e+00	2.5783e+01	0.0000e+00	-5.4086e+03
	1899	0.0000e+00	-4.8913e+01	0.0000e+00	3.7707e+03	0.0000e+00	1.9592e+03
670	1901	0.0000e+00	-6.5581e+01	0.0000e+00	2.5167e+03	0.0000e+00	-3.5129e+03
	1900	0.0000e+00	-7.6670e+01	0.0000e+00	1.8938e+03	0.0000e+00	5.3337e+03
671	1902	0.0000e+00	-5.6583e+01	0.0000e+00	7.1793e+02	0.0000e+00	-3.3124e+03
	1901	0.0000e+00	-5.8548e+01	0.0000e+00	2.1359e+03	0.0000e+00	3.7250e+03
672	1903	0.0000e+00	-1.3357e+02	0.0000e+00	6.6769e+02	0.0000e+00	-1.1099e+04
	1902	0.0000e+00	-7.2697e+01	0.0000e+00	3.2797e+03	0.0000e+00	3.1864e+03
673	1904	0.0000e+00	4.0853e+01	0.0000e+00	1.6493e+04	0.0000e+00	7.0834e+02
	1903	0.0000e+00	-1.0647e+02	0.0000e+00	-1.0443e+04	0.0000e+00	1.1167e+04

SFORZI "G1" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	4.2849e+00	7.6300e+00	4.6570e-19	3.5006e-02	0.0000e+00	0.0000e+00
	1923	2.9876e-02	7.6300e+00	-4.6570e-19	-3.5006e-02	0.0000e+00	0.0000e+00
2	1916	-1.0793e+01	7.7885e+00	0.0000e+00	-1.2742e-01	0.0000e+00	0.0000e+00
	1921	1.3918e+01	7.7885e+00	0.0000e+00	1.2742e-01	0.0000e+00	0.0000e+00
3	2085	-1.1767e+01	7.9093e+00	1.6877e-19	4.3958e-02	0.0000e+00	0.0000e+00
	1918	1.3508e+01	7.9093e+00	-1.6877e-19	-4.3958e-02	0.0000e+00	0.0000e+00
4	2008	7.1753e+01	7.9093e+00	6.7596e-19	9.7832e-02	0.0000e+00	0.0000e+00
	2079	-7.2996e+01	7.9093e+00	-6.7596e-19	-9.7832e-02	0.0000e+00	0.0000e+00
5	1919	8.2921e+01	7.8216e+00	-1.0978e-16	-1.7688e-01	0.0000e+00	0.0000e+00
	2056	-8.5567e+01	7.8216e+00	-1.1039e-16	1.7688e-01	0.0000e+00	0.0000e+00
6	2098	4.6603e+01	7.7035e+00	-1.1092e-16	-6.0933e-02	0.0000e+00	0.0000e+00
	1937	-5.0474e+01	7.7035e+00	-1.0954e-16	6.0933e-02	0.0000e+00	0.0000e+00
7	2042	1.6703e+01	7.9729e+00	-2.4639e-20	2.2367e-01	0.0000e+00	0.0000e+00
	2107	-1.6454e+01	7.9729e+00	2.4639e-20	-2.2367e-01	0.0000e+00	0.0000e+00
8	1925	1.8312e+01	8.6116e+00	1.3348e-20	2.2069e-01	0.0000e+00	0.0000e+00
	2008	-1.8064e+01	8.6116e+00	-1.3348e-20	-2.2069e-01	0.0000e+00	0.0000e+00
9	2109	9.5180e-01	6.1514e+00	-1.1013e-17	2.7326e-01	0.0000e+00	0.0000e+00
	2123	-7.0321e-01	6.1514e+00	-1.0333e-17	-2.7326e-01	0.0000e+00	0.0000e+00
10	2084	9.5582e+00	8.6116e+00	1.2839e-20	2.2660e-01	0.0000e+00	0.0000e+00
	2106	-9.3096e+00	8.6116e+00	-1.2839e-20	-2.2660e-01	0.0000e+00	0.0000e+00
11	2083	-1.9416e+01	7.1933e+00	-5.8992e-18	2.4944e-01	0.0000e+00	0.0000e+00
	2078	1.9664e+01	7.1933e+00	-6.5811e-18	-2.4944e-01	0.0000e+00	0.0000e+00
12	2058	1.7923e+01	7.1933e+00	-6.1281e-18	2.5775e-01	0.0000e+00	0.0000e+00
	2077	-1.7674e+01	7.1933e+00	-6.3522e-18	-2.5775e-01	0.0000e+00	0.0000e+00
13	2041	-6.2054e+00	8.6116e+00	1.1114e-20	2.2195e-01	0.0000e+00	0.0000e+00
	2055	6.4540e+00	8.6116e+00	-1.1114e-20	-2.2195e-01	0.0000e+00	0.0000e+00
14	2024	-5.5159e+00	6.1514e+00	-1.1107e-17	2.7092e-01	0.0000e+00	0.0000e+00

	2038	5.7645e+00	6.1514e+00	-1.0239e-17	-2.7092e-01	0.0000e+00	0.0000e+00
15	2007	-1.2429e+01	8.6116e+00	7.0670e-21	2.2221e-01	0.0000e+00	0.0000e+00
	2021	1.2678e+01	8.6116e+00	-7.0670e-21	-2.2221e-01	0.0000e+00	0.0000e+00
16	1982	-1.2621e-01	7.6300e+00	-2.9322e-19	2.9391e-02	0.0000e+00	0.0000e+00
	2012	4.4410e+00	7.6300e+00	2.9322e-19	-2.9391e-02	0.0000e+00	0.0000e+00
17	1985	1.9885e+01	7.7885e+00	0.0000e+00	-1.8113e-01	0.0000e+00	0.0000e+00
	2010	-1.6760e+01	7.7885e+00	0.0000e+00	1.8113e-01	0.0000e+00	0.0000e+00
18	1998	1.3153e+01	7.9093e+00	2.4385e-20	-2.6994e-02	0.0000e+00	0.0000e+00
	2007	-1.1413e+01	7.9093e+00	-2.4385e-20	2.6994e-02	0.0000e+00	0.0000e+00
19	1995	-1.7572e+01	7.9729e+00	-9.7301e-20	2.0786e-01	0.0000e+00	0.0000e+00
	2004	1.7821e+01	7.9729e+00	9.7301e-20	-2.0786e-01	0.0000e+00	0.0000e+00
20	1992	-7.3708e+01	7.9093e+00	-2.7949e-17	1.5944e-01	0.0000e+00	0.0000e+00
	2001	7.2465e+01	7.9093e+00	-2.7102e-17	-1.5944e-01	0.0000e+00	0.0000e+00
21	1989	-8.0004e+01	7.8216e+00	-1.0940e-16	-1.1360e-01	0.0000e+00	0.0000e+00
	2000	7.7358e+01	7.8216e+00	-1.1078e-16	1.1360e-01	0.0000e+00	0.0000e+00
22	1988	-5.2693e+01	7.7035e+00	2.9153e-19	-4.2422e-02	0.0000e+00	0.0000e+00
	1928	4.8823e+01	7.7035e+00	-2.9153e-19	4.2422e-02	0.0000e+00	0.0000e+00
643	1905	1.0528e+02	4.6179e-14	8.3812e-16	1.8181e+01	0.0000e+00	0.0000e+00
	1960	-1.8464e+01	-4.6179e-14	-8.3812e-16	-1.8181e+01	0.0000e+00	0.0000e+00
644	1906	1.4460e+02	5.1888e-14	8.0399e-16	5.6952e+00	0.0000e+00	0.0000e+00
	1961	-5.7784e+01	-5.1888e-14	-8.0399e-16	-5.6952e+00	0.0000e+00	0.0000e+00
645	1907	1.2895e+02	5.1995e-14	7.2270e-16	2.5866e+00	0.0000e+00	0.0000e+00
	1962	-4.2137e+01	-5.1995e-14	-7.2270e-16	-2.5866e+00	0.0000e+00	0.0000e+00
646	1908	1.2822e+02	5.2474e-14	6.6481e-16	1.0182e+00	0.0000e+00	0.0000e+00
	1963	-4.1405e+01	-5.2474e-14	-6.6481e-16	-1.0182e+00	0.0000e+00	0.0000e+00
647	1909	1.3179e+02	5.3652e-14	5.6775e-16	-1.3915e+00	0.0000e+00	0.0000e+00
	1964	-4.4973e+01	-5.3652e-14	-5.6775e-16	1.3915e+00	0.0000e+00	0.0000e+00
648	1910	1.2416e+02	5.1023e-14	4.8909e-16	-3.1702e+00	0.0000e+00	0.0000e+00
	1965	-3.7349e+01	-5.1023e-14	-4.8909e-16	3.1702e+00	0.0000e+00	0.0000e+00
649	1911	1.3147e+02	5.3778e-14	4.1181e-16	-5.1220e+00	0.0000e+00	0.0000e+00
	1966	-4.4657e+01	-5.3778e-14	-4.1181e-16	5.1220e+00	0.0000e+00	0.0000e+00
650	1912	1.2877e+02	5.2259e-14	3.2014e-16	-8.1115e+00	0.0000e+00	0.0000e+00
	1967	-4.1953e+01	-5.2259e-14	-3.2014e-16	8.1115e+00	0.0000e+00	0.0000e+00
651	1913	1.2841e+02	5.2233e-14	2.6854e-16	-1.0395e+01	0.0000e+00	0.0000e+00
	1968	-4.1595e+01	-5.2233e-14	-2.6854e-16	1.0395e+01	0.0000e+00	0.0000e+00
652	1914	1.5670e+02	5.1476e-14	2.0269e-16	-1.5292e+01	0.0000e+00	0.0000e+00
	1969	-6.9879e+01	-5.1476e-14	-2.0269e-16	1.5292e+01	0.0000e+00	0.0000e+00
653	1915	9.6132e+01	4.6156e-14	1.6867e-16	-6.7477e+00	0.0000e+00	0.0000e+00
	1970	-9.3161e+00	-4.6156e-14	-1.6867e-16	6.7477e+00	0.0000e+00	0.0000e+00
237	2116	2.1638e+01	2.3372e+02	-1.9780e+00	-5.4662e+00	1.3567e+02	2.1984e+04
	2079	-1.1558e+01	-2.0332e+02	1.9780e+00	5.4662e+00	6.2299e+01	-1.1325e+02
238	1959	4.8701e+01	2.6451e+02	3.5335e+00	2.7246e+00	8.8183e+01	2.5525e+04
	2116	-4.7101e+01	-2.6051e+02	-3.5335e+00	-2.7246e+00	-1.3575e+02	-2.1991e+04
239	2110	1.1651e+02	2.9345e+02	1.1818e+00	4.3908e+00	-1.3880e+01	2.7819e+04
	1919	-1.0643e+02	-2.6305e+02	-1.1818e+00	-4.3908e+00	-1.0440e+02	2.9689e+01
240	1958	1.5955e+02	3.4979e+02	7.3280e-01	3.5459e+00	-2.3985e+01	3.2494e+04
	2110	-1.5795e+02	-3.4579e+02	-7.3280e-01	-3.5459e+00	1.4119e+01	-2.7811e+04
241	2121	9.1652e+01	2.7641e+02	8.3918e-01	3.8366e+00	-8.4606e+00	2.6177e+04
	2120	-8.1572e+01	-2.4601e+02	-8.3918e-01	-3.8366e+00	-7.5530e+01	-3.3897e+01
242	1957	1.3029e+02	3.2572e+02	7.1847e-01	3.3195e+00	-1.8349e+01	3.0537e+04
	2121	-1.2869e+02	-3.2172e+02	-7.1847e-01	-3.3195e+00	8.6765e+00	-2.6179e+04
243	2104	9.2021e+01	2.7752e+02	7.2806e-01	3.6100e+00	-9.1955e+00	2.6300e+04
	2103	-8.1941e+01	-2.4712e+02	-7.2806e-01	-3.6100e+00	-6.3674e+01	-4.4724e+01
244	1956	1.3072e+02	3.2681e+02	1.3197e-01	3.0490e+00	-1.1173e+01	3.0674e+04
	2104	-1.2912e+02	-3.2281e+02	-1.3197e-01	-3.0490e+00	9.3964e+00	-2.6301e+04

245	2074	9.7099e+01	2.9284e+02	6.0736e-01	3.5426e+00	-6.3217e+00	2.7989e+04
	2072	-8.7019e+01	-2.6244e+02	-6.0736e-01	-3.5426e+00	-5.4467e+01	-2.0089e+02
246	1955	1.3871e+02	3.4678e+02	3.2539e-01	3.1550e+00	-1.0905e+01	3.2626e+04
	2074	-1.3711e+02	-3.4278e+02	-3.2539e-01	-3.1550e+00	6.5238e+00	-2.7984e+04
247	2073	9.0764e+01	2.7373e+02	5.5624e-01	3.6082e+00	-7.6260e+00	2.6366e+04
	2071	-8.0684e+01	-2.4333e+02	-5.5624e-01	-3.6082e+00	-4.8046e+01	-4.9063e+02
248	1954	1.2867e+02	3.2168e+02	1.9802e-02	3.1418e+00	-8.0963e+00	3.0676e+04
	2073	-1.2707e+02	-3.1768e+02	-1.9802e-02	-3.1418e+00	7.8297e+00	-2.6372e+04
249	2053	9.7271e+01	2.9336e+02	6.0411e-01	3.9054e+00	-1.1800e+01	2.8041e+04
	2052	-8.7191e+01	-2.6296e+02	-6.0411e-01	-3.9054e+00	-4.8664e+01	-2.0138e+02
250	1953	1.3892e+02	3.4729e+02	-3.3531e-01	3.1868e+00	-7.4994e+00	3.2685e+04
	2053	-1.3732e+02	-3.4329e+02	3.3531e-01	-3.1868e+00	1.2014e+01	-2.8037e+04
251	2036	9.1718e+01	2.7661e+02	7.0142e-01	4.5805e+00	-1.8186e+01	2.6209e+04
	2035	-8.1638e+01	-2.4621e+02	-7.0142e-01	-4.5805e+00	-5.2017e+01	-4.5294e+01
252	1952	1.3037e+02	3.2592e+02	-3.1283e-01	3.4756e+00	-1.4218e+01	3.0571e+04
	2036	-1.2877e+02	-3.2192e+02	3.1283e-01	-3.4756e+00	1.8429e+01	-2.6210e+04
253	2019	9.1966e+01	2.7736e+02	8.7356e-01	5.2588e+00	-3.0476e+01	2.6268e+04
	2018	-8.1886e+01	-2.4696e+02	-8.7356e-01	-5.2588e+00	-5.6956e+01	-2.9504e+01
254	1951	1.3066e+02	3.2665e+02	-1.1131e+00	3.4116e+00	-1.5751e+01	3.0639e+04
	2019	-1.2906e+02	-3.2265e+02	1.1131e+00	-3.4116e+00	3.0737e+01	-2.6269e+04
255	2002	1.5158e+02	2.9334e+02	1.2054e+00	6.9620e+00	-5.3979e+01	2.7744e+04
	2001	-1.4150e+02	-2.6294e+02	-1.2054e+00	-6.9620e+00	-6.6669e+01	9.4027e+01
256	1950	1.9455e+02	3.4756e+02	-1.6704e+00	3.6944e+00	-3.1812e+01	3.2388e+04
	2002	-1.9295e+02	-3.4356e+02	1.6704e+00	-3.6944e+00	5.4301e+01	-2.7736e+04
257	1990	5.7889e+01	2.3516e+02	-1.9055e+00	-2.6210e+00	8.7451e+01	2.2012e+04
	1989	-4.7809e+01	-2.0476e+02	1.9055e+00	2.6210e+00	1.0326e+02	2.1595e+00
258	1939	8.4973e+01	2.6376e+02	1.3835e+00	2.6569e+00	6.8824e+01	2.5543e+04
	1990	-8.3373e+01	-2.5976e+02	-1.3835e+00	-2.6569e+00	-8.7450e+01	-2.2019e+04
259	36	4.7134e+02	3.0747e-14	4.4153e-01	-7.1630e-03	-4.4153e+00	0.0000e+00
	1939	-4.7126e+02	-3.0747e-14	-4.4153e-01	7.1630e-03	0.0000e+00	0.0000e+00
260	2110	-5.5115e+00	3.0720e+01	8.8036e-17	-6.8396e+00	0.0000e+00	0.0000e+00
	2116	5.5115e+00	3.0720e+01	-8.8036e-17	6.8396e+00	0.0000e+00	0.0000e+00
261	2121	-5.0625e+00	3.3792e+01	-7.6441e-19	9.9779e-01	0.0000e+00	0.0000e+00
	2110	5.0625e+00	3.3792e+01	7.6441e-19	-9.9779e-01	0.0000e+00	0.0000e+00
262	2104	-4.9418e+00	2.1504e+01	-4.7084e-46	-1.8446e-01	0.0000e+00	0.0000e+00
	2121	4.9418e+00	2.1504e+01	-4.7084e-46	1.8446e-01	0.0000e+00	0.0000e+00
263	2074	-4.3457e+00	3.3792e+01	-8.0492e-18	-1.2120e+00	0.0000e+00	0.0000e+00
	2104	4.3457e+00	3.3792e+01	8.0492e-18	1.2120e+00	0.0000e+00	0.0000e+00
264	2073	-4.0637e+00	2.6880e+01	8.8915e-17	3.0859e+00	0.0000e+00	0.0000e+00
	2074	4.0637e+00	2.6880e+01	-8.8915e-17	-3.0859e+00	0.0000e+00	0.0000e+00
265	2053	-3.5273e+00	2.6880e+01	-5.0368e-17	-3.1486e+00	0.0000e+00	0.0000e+00
	2073	3.5273e+00	2.6880e+01	5.0368e-17	3.1486e+00	0.0000e+00	0.0000e+00
266	2036	-2.5878e+00	3.3792e+01	-2.0266e-17	1.3472e+00	0.0000e+00	0.0000e+00
	2053	2.5878e+00	3.3792e+01	2.0266e-17	-1.3472e+00	0.0000e+00	0.0000e+00
267	2019	-1.5736e+00	2.1504e+01	-2.0295e-18	-8.4391e-02	0.0000e+00	0.0000e+00
	2036	1.5736e+00	2.1504e+01	2.0295e-18	8.4391e-02	0.0000e+00	0.0000e+00
268	2002	4.1310e-01	3.3792e+01	0.0000e+00	-7.5353e-01	0.0000e+00	0.0000e+00
	2019	-4.1310e-01	3.3792e+01	0.0000e+00	7.5353e-01	0.0000e+00	0.0000e+00
269	1990	3.2890e+00	3.0720e+01	-1.3719e-16	6.7345e+00	0.0000e+00	0.0000e+00
	2002	-3.2890e+00	3.0720e+01	1.3719e-16	-6.7345e+00	0.0000e+00	0.0000e+00
270	77	0.0000e+00	2.6977e+02	0.0000e+00	-1.9644e+02	0.0000e+00	6.5559e+02
	1894	0.0000e+00	3.8460e+02	0.0000e+00	1.9644e+02	0.0000e+00	-2.0693e+04
271	11	0.0000e+00	3.0788e+01	0.0000e+00	6.2393e+02	0.0000e+00	8.4017e+01
	77	0.0000e+00	5.3587e+01	0.0000e+00	-6.2393e+02	0.0000e+00	-5.9697e+02
272	67	0.0000e+00	2.6990e+02	0.0000e+00	2.2717e+02	0.0000e+00	6.9418e+02

1904	0.0000e+00	3.8447e+02	0.0000e+00	-2.2717e+02	0.0000e+00	-2.0686e+04	
273	1	0.0000e+00	3.0711e+01	0.0000e+00	-6.1788e+02	0.0000e+00	8.9591e+01
	67	0.0000e+00	5.3664e+01	0.0000e+00	6.1788e+02	0.0000e+00	-6.0602e+02
274	72	0.0000e+00	2.1490e+02	0.0000e+00	-6.9341e-01	0.0000e+00	-9.8963e+03
	1899	0.0000e+00	4.3947e+02	0.0000e+00	6.9341e-01	0.0000e+00	-2.9292e+04
275	6	0.0000e+00	-6.1099e-01	0.0000e+00	2.2237e-01	0.0000e+00	-3.7773e+03
	72	0.0000e+00	8.4986e+01	0.0000e+00	-2.2237e-01	0.0000e+00	1.8514e+03
276	76	0.0000e+00	2.2301e+02	0.0000e+00	-5.7931e+01	0.0000e+00	-8.0582e+03
	1895	0.0000e+00	4.3137e+02	0.0000e+00	5.7931e+01	0.0000e+00	-2.8300e+04
277	10	0.0000e+00	-3.4279e+01	0.0000e+00	3.8128e+02	0.0000e+00	-4.6920e+03
	76	0.0000e+00	1.1865e+02	0.0000e+00	-3.8128e+02	0.0000e+00	1.2510e+03
278	75	0.0000e+00	2.1031e+02	0.0000e+00	-4.2561e+02	0.0000e+00	-1.0735e+04
	1896	0.0000e+00	4.4406e+02	0.0000e+00	4.2561e+02	0.0000e+00	-3.0053e+04
279	9	0.0000e+00	-1.1058e+01	0.0000e+00	6.4881e+02	0.0000e+00	-4.4219e+03
	75	0.0000e+00	9.5433e+01	0.0000e+00	-6.4881e+02	0.0000e+00	2.0258e+03
280	74	0.0000e+00	2.0986e+02	0.0000e+00	3.8482e+02	0.0000e+00	-1.0864e+04
	1897	0.0000e+00	4.4452e+02	0.0000e+00	-3.8482e+02	0.0000e+00	-3.0085e+04
281	8	0.0000e+00	-8.9378e+00	0.0000e+00	-5.6312e+02	0.0000e+00	-4.3554e+03
	74	0.0000e+00	9.3313e+01	0.0000e+00	5.6312e+02	0.0000e+00	2.0548e+03
282	73	0.0000e+00	2.1282e+02	0.0000e+00	-1.7347e+02	0.0000e+00	-1.0164e+04
	1898	0.0000e+00	4.4155e+02	0.0000e+00	1.7347e+02	0.0000e+00	-2.9749e+04
283	7	0.0000e+00	-2.1035e+01	0.0000e+00	2.2469e+02	0.0000e+00	-4.6558e+03
	73	0.0000e+00	1.0541e+02	0.0000e+00	-2.2469e+02	0.0000e+00	1.8108e+03
284	71	0.0000e+00	2.1286e+02	0.0000e+00	1.7451e+02	0.0000e+00	-1.0163e+04
	1900	0.0000e+00	4.4152e+02	0.0000e+00	-1.7451e+02	0.0000e+00	-2.9738e+04
285	5	0.0000e+00	-2.1054e+01	0.0000e+00	-2.2468e+02	0.0000e+00	-4.6563e+03
	71	0.0000e+00	1.0543e+02	0.0000e+00	2.2468e+02	0.0000e+00	1.8105e+03
286	70	0.0000e+00	2.0985e+02	0.0000e+00	-3.8667e+02	0.0000e+00	-1.0861e+04
	1901	0.0000e+00	4.4452e+02	0.0000e+00	3.8667e+02	0.0000e+00	-3.0089e+04
287	4	0.0000e+00	-8.9097e+00	0.0000e+00	5.6370e+02	0.0000e+00	-4.3538e+03
	70	0.0000e+00	9.3285e+01	0.0000e+00	-5.6370e+02	0.0000e+00	2.0544e+03
288	69	0.0000e+00	2.1039e+02	0.0000e+00	4.2271e+02	0.0000e+00	-1.0733e+04
	1902	0.0000e+00	4.4398e+02	0.0000e+00	-4.2271e+02	0.0000e+00	-3.0028e+04
289	3	0.0000e+00	-1.1103e+01	0.0000e+00	-6.4850e+02	0.0000e+00	-4.4230e+03
	69	0.0000e+00	9.5478e+01	0.0000e+00	6.4850e+02	0.0000e+00	2.0249e+03
290	68	0.0000e+00	2.2285e+02	0.0000e+00	5.9656e+01	0.0000e+00	-8.0849e+03
	1903	0.0000e+00	4.3153e+02	0.0000e+00	-5.9656e+01	0.0000e+00	-2.8330e+04
291	2	0.0000e+00	-3.4203e+01	0.0000e+00	-3.8100e+02	0.0000e+00	-4.6948e+03
	68	0.0000e+00	1.1858e+02	0.0000e+00	3.8100e+02	0.0000e+00	1.2572e+03
292	57	6.0073e+02	3.4466e-14	4.3106e-02	-1.6225e-02	-4.3106e-01	0.0000e+00
	1950	-6.0065e+02	-3.4466e-14	-4.3106e-02	1.6225e-02	0.0000e+00	0.0000e+00
293	34	5.5497e+02	-1.9968e-15	3.5828e-01	2.1793e-04	-4.6577e+00	0.0000e+00
	1938	-5.5487e+02	1.9968e-15	-3.5828e-01	-2.1793e-04	0.0000e+00	0.0000e+00
294	37	6.4471e+02	-1.5558e-15	4.4768e-02	-7.4715e-03	-5.8199e-01	0.0000e+00
	1940	-6.4461e+02	1.5558e-15	-4.4768e-02	7.4715e-03	0.0000e+00	0.0000e+00
295	38	6.2901e+02	-1.8534e-15	-1.1268e-01	-8.9703e-03	1.4649e+00	0.0000e+00
	1941	-6.2890e+02	1.8534e-15	1.1268e-01	8.9703e-03	0.0000e+00	0.0000e+00
296	39	6.3099e+02	-1.8602e-15	2.0585e-01	-9.0300e-03	-2.6761e+00	0.0000e+00
	1942	-6.3089e+02	1.8602e-15	-2.0585e-01	9.0300e-03	0.0000e+00	0.0000e+00
297	40	6.5958e+02	-1.8293e-15	-5.9075e-02	-1.0072e-02	7.6798e-01	0.0000e+00
	1943	-6.5948e+02	1.8293e-15	5.9075e-02	1.0072e-02	0.0000e+00	0.0000e+00
298	41	6.3425e+02	-1.9113e-15	4.1523e-02	-1.0508e-02	-5.3980e-01	0.0000e+00
	1944	-6.3415e+02	1.9113e-15	-4.1523e-02	1.0508e-02	0.0000e+00	0.0000e+00
299	42	6.5831e+02	-1.8146e-15	1.4206e-01	-1.1004e-02	-1.8468e+00	0.0000e+00
	1945	-6.5821e+02	1.8146e-15	-1.4206e-01	1.1004e-02	0.0000e+00	0.0000e+00

300	43	6.3346e+02	-1.8870e-15	-1.2838e-01	-1.2374e-02	1.6689e+00	0.0000e+00
	1946	-6.3336e+02	1.8870e-15	1.2838e-01	1.2374e-02	0.0000e+00	0.0000e+00
301	44	6.2568e+02	-1.8188e-15	1.8478e-01	-1.2781e-02	-2.4021e+00	0.0000e+00
	1947	-6.2558e+02	1.8188e-15	-1.8478e-01	1.2781e-02	0.0000e+00	0.0000e+00
302	45	6.4417e+02	-1.6080e-15	1.3748e-02	-1.5088e-02	-1.7872e-01	0.0000e+00
	1948	-6.4406e+02	1.6080e-15	-1.3748e-02	1.5088e-02	0.0000e+00	0.0000e+00
303	46	5.5353e+02	-1.9724e-15	-2.2978e-01	-1.5912e-02	2.9871e+00	0.0000e+00
	1949	-5.5342e+02	1.9724e-15	2.2978e-01	1.5912e-02	0.0000e+00	0.0000e+00
304	66	4.7086e+02	3.0769e-14	-8.7595e-01	-3.2447e-03	8.7595e+00	0.0000e+00
	1959	-4.7078e+02	-3.0769e-14	8.7595e-01	3.2447e-03	0.0000e+00	0.0000e+00
305	65	6.0762e+02	3.4735e-14	-3.5552e-01	-1.4268e-02	3.5552e+00	0.0000e+00
	1958	-6.0754e+02	-3.4735e-14	3.5552e-01	1.4268e-02	0.0000e+00	0.0000e+00
306	64	5.6629e+02	3.4669e-14	-7.2567e-03	-1.3029e-02	7.2567e-02	0.0000e+00
	1957	-5.6621e+02	-3.4669e-14	7.2567e-03	1.3029e-02	0.0000e+00	0.0000e+00
307	63	5.6820e+02	3.5049e-14	-4.7607e-01	-1.2067e-02	4.7607e+00	0.0000e+00
	1956	-5.6812e+02	-3.5049e-14	4.7607e-01	1.2067e-02	0.0000e+00	0.0000e+00
308	62	6.0227e+02	3.6124e-14	1.6513e-02	-1.2228e-02	-1.6513e-01	0.0000e+00
	1955	-6.0219e+02	-3.6124e-14	-1.6513e-02	1.2228e-02	0.0000e+00	0.0000e+00
309	61	5.6212e+02	3.4532e-14	-1.0697e-01	-1.2127e-02	1.0697e+00	0.0000e+00
	1954	-5.6204e+02	-3.4532e-14	1.0697e-01	1.2127e-02	0.0000e+00	0.0000e+00
310	60	6.0313e+02	3.6223e-14	-2.3508e-01	-1.2434e-02	2.3508e+00	0.0000e+00
	1953	-6.0305e+02	-3.6223e-14	2.3508e-01	1.2434e-02	0.0000e+00	0.0000e+00
311	59	5.6669e+02	3.4878e-14	2.3955e-01	-1.3751e-02	-2.3955e+00	0.0000e+00
	1952	-5.6661e+02	-3.4878e-14	-2.3955e-01	1.3751e-02	0.0000e+00	0.0000e+00
312	58	5.6783e+02	3.4858e-14	-2.5088e-01	-1.4194e-02	2.5088e+00	0.0000e+00
	1951	-5.6775e+02	-3.4858e-14	2.5088e-01	1.4194e-02	0.0000e+00	0.0000e+00
313	1936	-4.1508e+01	3.0720e+01	1.0338e-16	9.7374e-02	0.0000e+00	0.0000e+00
	1937	4.1508e+01	3.0720e+01	-1.0338e-16	-9.7374e-02	0.0000e+00	0.0000e+00
314	1935	-4.0613e+01	3.3792e+01	8.4062e-18	-6.7069e-01	0.0000e+00	0.0000e+00
	1936	4.0613e+01	3.3792e+01	-8.4062e-18	6.7069e-01	0.0000e+00	0.0000e+00
315	1934	-4.0135e+01	2.1504e+01	0.0000e+00	8.8483e-03	0.0000e+00	0.0000e+00
	1935	4.0135e+01	2.1504e+01	0.0000e+00	-8.8483e-03	0.0000e+00	0.0000e+00
316	1933	-3.9878e+01	3.3792e+01	-6.1833e-18	6.0210e-01	0.0000e+00	0.0000e+00
	1934	3.9878e+01	3.3792e+01	6.1833e-18	-6.0210e-01	0.0000e+00	0.0000e+00
317	1932	-3.9926e+01	2.6880e+01	1.0648e-16	7.8613e-01	0.0000e+00	0.0000e+00
	1933	3.9926e+01	2.6880e+01	-1.0648e-16	-7.8613e-01	0.0000e+00	0.0000e+00
318	1931	-4.0205e+01	2.6880e+01	-7.1895e-17	-7.8195e-01	0.0000e+00	0.0000e+00
	1932	4.0205e+01	2.6880e+01	7.1895e-17	7.8195e-01	0.0000e+00	0.0000e+00
319	1930	-4.0724e+01	3.3792e+01	-1.6597e-17	-6.1216e-01	0.0000e+00	0.0000e+00
	1931	4.0724e+01	3.3792e+01	1.6597e-17	6.1216e-01	0.0000e+00	0.0000e+00
320	1929	-4.1581e+01	2.1504e+01	-2.0986e-18	1.3201e-02	0.0000e+00	0.0000e+00
	1930	4.1581e+01	2.1504e+01	2.0986e-18	-1.3201e-02	0.0000e+00	0.0000e+00
321	1928	-4.2700e+01	3.3792e+01	0.0000e+00	1.2254e+00	0.0000e+00	0.0000e+00
	1929	4.2700e+01	3.3792e+01	0.0000e+00	-1.2254e+00	0.0000e+00	0.0000e+00
322	1927	1.0491e+00	3.0720e+01	-1.4890e-16	-1.2149e+00	0.0000e+00	0.0000e+00
	1928	-1.0491e+00	3.0720e+01	1.4890e-16	1.2149e+00	0.0000e+00	0.0000e+00
323	1937	-4.4714e+01	-2.9703e+01	1.8951e+00	2.7225e-02	-1.7017e-03	4.2889e-02
	1960	5.8474e+01	4.8263e+01	-1.8951e+00	-2.7225e-02	-1.3683e+02	-2.8146e+03
324	1936	-3.8421e+01	-5.1823e+01	8.9495e-01	-1.7764e-15	-4.6185e-14	-7.6807e-01
	1961	5.2181e+01	7.0383e+01	-8.9495e-01	1.7764e-15	-6.4616e+01	-4.4110e+03
325	1935	-3.2932e+01	-4.4420e+01	4.7797e-01	1.5543e-15	1.2257e-13	6.7954e-01
	1962	4.6692e+01	6.2980e+01	-4.7797e-01	-1.5543e-15	-3.4510e+01	-3.8779e+03
326	1934	-3.2932e+01	-4.4420e+01	2.5668e-01	-2.1150e-14	-1.4477e-13	5.9325e-01
	1963	4.6692e+01	6.2980e+01	-2.5668e-01	2.1150e-14	-1.8532e+01	-3.8778e+03
327	1933	-3.6134e+01	-4.8739e+01	-4.7936e-02	-4.8073e-14	-1.5099e-14	1.8403e-01

	1964	4.9894e+01	6.7299e+01	4.7936e-02	4.8073e-14	3.4610e+00	-4.1892e+03
328	1932	-3.2017e+01	-4.3186e+01	-2.7913e-01	-1.9207e-13	-2.2737e-13	-1.5681e+00
	1965	4.5777e+01	6.1746e+01	2.7913e-01	1.9207e-13	2.0154e+01	-3.7865e+03
329	1931	-3.6134e+01	-4.8739e+01	-5.1857e-01	3.6637e-14	-7.1054e-14	1.6979e-01
	1966	4.9894e+01	6.7299e+01	5.1857e-01	-3.6637e-14	3.7441e+01	-4.1892e+03
330	1930	-3.2932e+01	-4.4420e+01	-8.5709e-01	2.3093e-14	7.1054e-15	6.2536e-01
	1967	4.6692e+01	6.2980e+01	8.5709e-01	-2.3093e-14	6.1883e+01	-3.8778e+03
331	1929	-3.2932e+01	-4.4420e+01	-1.1190e+00	2.1316e-14	2.8422e-14	1.2122e+00
	1968	4.6692e+01	6.2980e+01	1.1190e+00	-2.1316e-14	8.0793e+01	-3.8784e+03
332	1928	-2.0472e+01	-5.9621e+01	-1.6385e+00	1.8955e-02	-1.1848e-03	-2.4782e+00
	1969	3.4232e+01	7.8181e+01	1.6385e+00	-1.8955e-02	1.1830e+02	-4.9723e+03
333	1927	-1.8296e+01	-2.4678e+01	-1.0491e+00	-1.2434e-14	6.3949e-14	1.2149e+00
	1970	3.2056e+01	4.3238e+01	1.0491e+00	1.2434e-14	7.5749e+01	-2.4530e+03
334	2089	3.9938e-01	2.6880e+01	-3.3519e-18	-3.1239e+00	0.0000e+00	0.0000e+00
	2090	-3.9938e-01	2.6880e+01	3.3519e-18	3.1239e+00	0.0000e+00	0.0000e+00
335	2083	3.4797e+01	2.6880e+01	7.4114e-18	-2.6361e+00	0.0000e+00	0.0000e+00
	2084	-3.4797e+01	2.6880e+01	-7.4114e-18	2.6361e+00	0.0000e+00	0.0000e+00
336	2081	1.6497e+01	2.6880e+01	8.3710e-18	-1.0061e+00	0.0000e+00	0.0000e+00
	2082	-1.6497e+01	2.6880e+01	-8.3710e-18	1.0061e+00	0.0000e+00	0.0000e+00
337	2055	1.3244e+01	2.6880e+01	-9.3806e-18	-1.0564e+00	0.0000e+00	0.0000e+00
	2077	-1.3244e+01	2.6880e+01	9.3806e-18	1.0564e+00	0.0000e+00	0.0000e+00
338	2077	2.8613e+01	2.6880e+01	8.2175e-18	1.0685e+00	0.0000e+00	0.0000e+00
	2078	-2.8613e+01	2.6880e+01	-8.2175e-18	-1.0685e+00	0.0000e+00	0.0000e+00
339	2075	9.0120e+00	2.6880e+01	9.8584e-18	2.8341e+00	0.0000e+00	0.0000e+00
	2076	-9.0120e+00	2.6880e+01	-9.8584e-18	-2.8341e+00	0.0000e+00	0.0000e+00
340	2071	5.2404e+00	2.6880e+01	1.5317e-17	3.7235e+00	0.0000e+00	0.0000e+00
	2072	-5.2404e+00	2.6880e+01	-1.5317e-17	-3.7235e+00	0.0000e+00	0.0000e+00
341	2087	9.6034e+00	2.6880e+01	3.4628e-18	-3.4534e+00	0.0000e+00	0.0000e+00
	2088	-9.6034e+00	2.6880e+01	-3.4628e-18	3.4534e+00	0.0000e+00	0.0000e+00
342	2090	7.3657e-02	3.3792e+01	6.4757e-18	1.6902e+00	0.0000e+00	0.0000e+00
	2112	-7.3657e-02	3.3792e+01	-6.4757e-18	-1.6902e+00	0.0000e+00	0.0000e+00
343	2088	8.8741e+00	3.3792e+01	-6.0670e-18	1.9378e+00	0.0000e+00	0.0000e+00
	2111	-8.8741e+00	3.3792e+01	6.0670e-18	-1.9378e+00	0.0000e+00	0.0000e+00
344	2084	2.7719e+01	3.3792e+01	-1.3196e-17	1.3835e+00	0.0000e+00	0.0000e+00
	2109	-2.7719e+01	3.3792e+01	1.3196e-17	-1.3835e+00	0.0000e+00	0.0000e+00
345	2082	1.4963e+01	3.3792e+01	-1.4550e-17	3.6702e-01	0.0000e+00	0.0000e+00
	2108	-1.4963e+01	3.3792e+01	1.4550e-17	-3.6702e-01	0.0000e+00	0.0000e+00
346	2078	1.3032e+01	3.3792e+01	-1.4343e-17	-7.7331e-01	0.0000e+00	0.0000e+00
	2106	-1.3032e+01	3.3792e+01	1.4343e-17	7.7331e-01	0.0000e+00	0.0000e+00
347	2076	7.8088e+00	3.3792e+01	-1.7572e-17	-1.6358e+00	0.0000e+00	0.0000e+00
	2105	-7.8088e+00	3.3792e+01	1.7572e-17	1.6358e+00	0.0000e+00	0.0000e+00
348	2072	6.5320e+00	3.3792e+01	-2.7170e-17	-1.9142e+00	0.0000e+00	0.0000e+00
	2103	-6.5320e+00	3.3792e+01	2.7170e-17	1.9142e+00	0.0000e+00	0.0000e+00
349	2103	8.1375e+00	2.1504e+01	0.0000e+00	-2.6404e-01	0.0000e+00	0.0000e+00
	2120	-8.1375e+00	2.1504e+01	0.0000e+00	2.6404e-01	0.0000e+00	0.0000e+00
350	2105	6.2457e+00	2.1504e+01	0.0000e+00	-2.0819e-01	0.0000e+00	0.0000e+00
	2122	-6.2457e+00	2.1504e+01	0.0000e+00	2.0819e-01	0.0000e+00	0.0000e+00
351	2106	2.3324e+01	2.1504e+01	0.0000e+00	-1.7819e-02	0.0000e+00	0.0000e+00
	2123	-2.3324e+01	2.1504e+01	0.0000e+00	1.7819e-02	0.0000e+00	0.0000e+00
352	2108	1.2600e+01	2.1504e+01	0.0000e+00	1.8176e-01	0.0000e+00	0.0000e+00
	2125	-1.2600e+01	2.1504e+01	0.0000e+00	-1.8176e-01	0.0000e+00	0.0000e+00
353	2109	2.9615e+01	2.1504e+01	0.0000e+00	2.1864e-01	0.0000e+00	0.0000e+00
	1925	-2.9615e+01	2.1504e+01	0.0000e+00	-2.1864e-01	0.0000e+00	0.0000e+00
354	2111	7.4911e+00	2.1504e+01	0.0000e+00	1.3392e-01	0.0000e+00	0.0000e+00
	1983	-7.4911e+00	2.1504e+01	0.0000e+00	-1.3392e-01	0.0000e+00	0.0000e+00

355	2112	-3.4161e-01	2.1504e+01	0.0000e+00	-8.4797e-02	0.0000e+00	0.0000e+00
	2005	3.4161e-01	2.1504e+01	0.0000e+00	8.4797e-02	0.0000e+00	0.0000e+00
356	2085	1.0584e+01	3.0720e+01	-2.1714e-17	8.1897e+00	0.0000e+00	0.0000e+00
	1921	-1.0584e+01	3.0720e+01	2.1714e-17	-8.1897e+00	0.0000e+00	0.0000e+00
357	1983	5.4718e+00	3.3792e+01	-2.1248e-17	-1.4616e+00	0.0000e+00	0.0000e+00
	2059	-5.4718e+00	3.3792e+01	2.1248e-17	1.4616e+00	0.0000e+00	0.0000e+00
358	2005	-4.5582e-01	3.3792e+01	-2.8858e-17	-1.3761e+00	0.0000e+00	0.0000e+00
	2085	4.5582e-01	3.3792e+01	2.8858e-17	1.3761e+00	0.0000e+00	0.0000e+00
359	1925	1.6750e+01	3.3792e+01	-1.7200e-17	-1.1803e+00	0.0000e+00	0.0000e+00
	2042	-1.6750e+01	3.3792e+01	1.7200e-17	1.1803e+00	0.0000e+00	0.0000e+00
360	2125	9.1074e+00	3.3792e+01	-1.6996e-17	-5.5372e-01	0.0000e+00	0.0000e+00
	2025	-9.1074e+00	3.3792e+01	1.6996e-17	5.5372e-01	0.0000e+00	0.0000e+00
361	2123	2.6722e+01	3.3792e+01	-1.8593e-17	3.9933e-01	0.0000e+00	0.0000e+00
	2008	-2.6722e+01	3.3792e+01	1.8593e-17	-3.9933e-01	0.0000e+00	0.0000e+00
362	2122	3.8899e+00	3.3792e+01	-1.7253e-17	1.2425e+00	0.0000e+00	0.0000e+00
	1996	-3.8899e+00	3.3792e+01	1.7253e-17	-1.2425e+00	0.0000e+00	0.0000e+00
363	2120	1.0182e+01	3.3792e+01	-1.0621e-17	1.5984e+00	0.0000e+00	0.0000e+00
	1919	-1.0182e+01	3.3792e+01	1.0621e-17	-1.5984e+00	0.0000e+00	0.0000e+00
364	2059	3.0171e+00	3.0720e+01	8.4391e-18	8.9300e+00	0.0000e+00	0.0000e+00
	1920	-3.0171e+00	3.0720e+01	-8.4391e-18	-8.9300e+00	0.0000e+00	0.0000e+00
365	2042	6.6616e+00	3.0720e+01	2.4724e-17	6.5105e+00	0.0000e+00	0.0000e+00
	1918	-6.6616e+00	3.0720e+01	-2.4724e-17	-6.5105e+00	0.0000e+00	0.0000e+00
366	2025	4.0149e+00	3.0720e+01	2.7219e-17	2.0804e+00	0.0000e+00	0.0000e+00
	1917	-4.0149e+00	3.0720e+01	-2.7219e-17	-2.0804e+00	0.0000e+00	0.0000e+00
367	2008	-1.6888e+01	3.0720e+01	2.5291e-17	-3.2428e+00	0.0000e+00	0.0000e+00
	2107	1.6888e+01	3.0720e+01	-2.5291e-17	3.2428e+00	0.0000e+00	0.0000e+00
368	1996	-2.5875e-01	3.0720e+01	3.1560e-17	-7.4629e+00	0.0000e+00	0.0000e+00
	2080	2.5875e-01	3.0720e+01	-3.1560e-17	7.4629e+00	0.0000e+00	0.0000e+00
369	1919	-6.2093e+01	3.0720e+01	5.3958e-17	-9.2226e+00	0.0000e+00	0.0000e+00
	2079	6.2093e+01	3.0720e+01	-5.3958e-17	9.2226e+00	0.0000e+00	0.0000e+00
370	2097	-6.7414e+00	3.0720e+01	1.0561e-16	-7.0855e-01	0.0000e+00	0.0000e+00
	2039	6.7414e+00	3.0720e+01	-1.0561e-16	7.0855e-01	0.0000e+00	0.0000e+00
371	2098	-6.6172e+01	3.0720e+01	1.0127e-16	-2.5403e+00	0.0000e+00	0.0000e+00
	2056	6.6172e+01	3.0720e+01	-1.0127e-16	2.5403e+00	0.0000e+00	0.0000e+00
372	2119	-1.9612e+01	3.3792e+01	6.7811e-19	-3.3541e-02	0.0000e+00	0.0000e+00
	2098	1.9612e+01	3.3792e+01	-6.7811e-19	3.3541e-02	0.0000e+00	0.0000e+00
373	2118	-9.7047e+00	3.3792e+01	-2.5265e-18	-4.3110e-01	0.0000e+00	0.0000e+00
	2097	9.7047e+00	3.3792e+01	2.5265e-18	4.3110e-01	0.0000e+00	0.0000e+00
374	2102	-1.7608e+01	2.1504e+01	0.0000e+00	-5.2212e-02	0.0000e+00	0.0000e+00
	2119	1.7608e+01	2.1504e+01	0.0000e+00	5.2212e-02	0.0000e+00	0.0000e+00
375	2101	-1.1461e+01	2.1504e+01	0.0000e+00	6.3890e-03	0.0000e+00	0.0000e+00
	2118	1.1461e+01	2.1504e+01	0.0000e+00	-6.3890e-03	0.0000e+00	0.0000e+00
376	2070	-1.6118e+01	3.3792e+01	-4.2666e-17	-6.6650e-02	0.0000e+00	0.0000e+00
	2102	1.6118e+01	3.3792e+01	4.2666e-17	6.6650e-02	0.0000e+00	0.0000e+00
377	2068	-1.2599e+01	3.3792e+01	-3.8325e-17	4.4963e-01	0.0000e+00	0.0000e+00
	2101	1.2599e+01	3.3792e+01	3.8325e-17	-4.4963e-01	0.0000e+00	0.0000e+00
378	2069	-1.5497e+01	2.6880e+01	2.8694e-17	1.6704e+00	0.0000e+00	0.0000e+00
	2070	1.5497e+01	2.6880e+01	-2.8694e-17	-1.6704e+00	0.0000e+00	0.0000e+00
379	2067	-1.2864e+01	2.6880e+01	3.1962e-17	1.0262e+00	0.0000e+00	0.0000e+00
	2068	1.2864e+01	2.6880e+01	-3.1962e-17	-1.0262e+00	0.0000e+00	0.0000e+00
380	2022	-3.8329e+00	3.0720e+01	-4.4661e-17	-1.1183e+00	0.0000e+00	0.0000e+00
	1926	3.8329e+00	3.0720e+01	4.4661e-17	1.1183e+00	0.0000e+00	0.0000e+00
381	1993	1.8511e+00	3.0720e+01	-4.9467e-17	2.0600e-02	0.0000e+00	0.0000e+00
	1924	-1.8511e+00	3.0720e+01	4.9467e-17	-2.0600e-02	0.0000e+00	0.0000e+00
382	1916	-1.3202e+00	3.0720e+01	-4.8637e-17	1.3094e+00	0.0000e+00	0.0000e+00

	1923	1.3202e+00	3.0720e+01	4.8637e-17	-1.3094e+00	0.0000e+00	0.0000e+00
383	2086	-2.2814e-01	3.0720e+01	-4.3170e-17	3.9315e+00	0.0000e+00	0.0000e+00
	1922	2.2814e-01	3.0720e+01	4.3170e-17	-3.9315e+00	0.0000e+00	0.0000e+00
384	2065	-1.3483e+00	3.3792e+01	-2.8169e-17	5.9547e-01	0.0000e+00	0.0000e+00
	2022	1.3483e+00	3.3792e+01	2.8169e-17	-5.9547e-01	0.0000e+00	0.0000e+00
385	2048	1.9324e-01	3.3792e+01	-3.3343e-17	1.7426e-01	0.0000e+00	0.0000e+00
	1993	-1.9324e-01	3.3792e+01	3.3343e-17	-1.7426e-01	0.0000e+00	0.0000e+00
386	2031	-1.0810e+01	3.3792e+01	-3.3771e-17	-8.8424e-02	0.0000e+00	0.0000e+00
	1916	1.0810e+01	3.3792e+01	3.3771e-17	8.8424e-02	0.0000e+00	0.0000e+00
387	2014	-1.3571e+00	3.3792e+01	-3.5788e-17	-5.9795e-01	0.0000e+00	0.0000e+00
	2086	1.3571e+00	3.3792e+01	3.5788e-17	5.9795e-01	0.0000e+00	0.0000e+00
388	2113	-2.1898e+00	2.1504e+01	0.0000e+00	-3.5486e-01	0.0000e+00	0.0000e+00
	2014	2.1898e+00	2.1504e+01	0.0000e+00	3.5486e-01	0.0000e+00	0.0000e+00
389	2114	-9.8634e+00	2.1504e+01	0.0000e+00	-2.3981e-01	0.0000e+00	0.0000e+00
	2031	9.8634e+00	2.1504e+01	0.0000e+00	2.3981e-01	0.0000e+00	0.0000e+00
390	2115	-1.2721e+00	2.1504e+01	0.0000e+00	8.5580e-02	0.0000e+00	0.0000e+00
	2048	1.2721e+00	2.1504e+01	0.0000e+00	-8.5580e-02	0.0000e+00	0.0000e+00
391	2117	-4.8194e-01	2.1504e+01	0.0000e+00	5.0336e-01	0.0000e+00	0.0000e+00
	2065	4.8194e-01	2.1504e+01	0.0000e+00	-5.0336e-01	0.0000e+00	0.0000e+00
392	2092	-2.6113e+00	3.3792e+01	1.4027e-17	6.7856e-01	0.0000e+00	0.0000e+00
	2113	2.6113e+00	3.3792e+01	-1.4027e-17	-6.7856e-01	0.0000e+00	0.0000e+00
393	2094	-9.5211e+00	3.3792e+01	1.5043e-17	1.1715e-01	0.0000e+00	0.0000e+00
	2114	9.5211e+00	3.3792e+01	-1.5043e-17	-1.1715e-01	0.0000e+00	0.0000e+00
394	2096	-1.5834e+00	3.3792e+01	1.3580e-17	-1.1984e-01	0.0000e+00	0.0000e+00
	2115	1.5834e+00	3.3792e+01	-1.3580e-17	1.1984e-01	0.0000e+00	0.0000e+00
395	2100	-7.6767e-01	3.3792e+01	1.0876e-17	-2.4661e-01	0.0000e+00	0.0000e+00
	2117	7.6767e-01	3.3792e+01	-1.0876e-17	2.4661e-01	0.0000e+00	0.0000e+00
396	2091	-2.9348e+00	2.6880e+01	-8.3604e-18	-1.6371e+00	0.0000e+00	0.0000e+00
	2092	2.9348e+00	2.6880e+01	8.3604e-18	1.6371e+00	0.0000e+00	0.0000e+00
397	2093	-9.4773e+00	2.6880e+01	-1.0636e-17	-5.9629e-01	0.0000e+00	0.0000e+00
	2094	9.4773e+00	2.6880e+01	1.0636e-17	5.9629e-01	0.0000e+00	0.0000e+00
398	2095	-2.1491e+00	2.6880e+01	-1.0967e-17	7.2969e-02	0.0000e+00	0.0000e+00
	2096	2.1491e+00	2.6880e+01	1.0967e-17	-7.2969e-02	0.0000e+00	0.0000e+00
399	2099	-4.0276e-01	2.6880e+01	-9.2998e-18	6.2363e-01	0.0000e+00	0.0000e+00
	2100	4.0276e-01	2.6880e+01	9.2998e-18	-6.2363e-01	0.0000e+00	0.0000e+00
400	2066	-3.7376e-01	2.6880e+01	8.1612e-18	-5.3585e-01	0.0000e+00	0.0000e+00
	2099	3.7376e-01	2.6880e+01	-8.1612e-18	5.3585e-01	0.0000e+00	0.0000e+00
401	2049	-6.7940e-01	3.3792e+01	-2.8164e-18	4.5045e-02	0.0000e+00	0.0000e+00
	2066	6.7940e-01	3.3792e+01	2.8164e-18	-4.5045e-02	0.0000e+00	0.0000e+00
402	2064	-2.2365e+00	2.6880e+01	9.6131e-18	-5.6523e-02	0.0000e+00	0.0000e+00
	2095	2.2365e+00	2.6880e+01	-9.6131e-18	5.6523e-02	0.0000e+00	0.0000e+00
403	2063	-9.8404e+00	2.6880e+01	9.3632e-18	5.5470e-01	0.0000e+00	0.0000e+00
	2093	9.8404e+00	2.6880e+01	-9.3632e-18	-5.5470e-01	0.0000e+00	0.0000e+00
404	2062	-3.0200e+00	2.6880e+01	7.3105e-18	1.5702e+00	0.0000e+00	0.0000e+00
	2091	3.0200e+00	2.6880e+01	-7.3105e-18	-1.5702e+00	0.0000e+00	0.0000e+00
405	2061	9.7791e-01	2.6880e+01	2.4520e-18	3.0946e+00	0.0000e+00	0.0000e+00
	2089	-9.7791e-01	2.6880e+01	-2.4520e-18	-3.0946e+00	0.0000e+00	0.0000e+00
406	2060	9.4630e+00	2.6880e+01	-4.3775e-18	3.4761e+00	0.0000e+00	0.0000e+00
	2087	-9.4630e+00	2.6880e+01	4.3775e-18	-3.4761e+00	0.0000e+00	0.0000e+00
407	2058	1.7917e+01	2.6880e+01	-8.3925e-18	2.7179e+00	0.0000e+00	0.0000e+00
	2083	-1.7917e+01	2.6880e+01	8.3925e-18	-2.7179e+00	0.0000e+00	0.0000e+00
408	2057	1.6477e+01	2.6880e+01	-9.4843e-18	1.0967e+00	0.0000e+00	0.0000e+00
	2081	-1.6477e+01	2.6880e+01	9.4843e-18	-1.0967e+00	0.0000e+00	0.0000e+00
409	2054	9.3434e+00	2.6880e+01	-1.1060e-17	-2.8970e+00	0.0000e+00	0.0000e+00
	2075	-9.3434e+00	2.6880e+01	1.1060e-17	2.8970e+00	0.0000e+00	0.0000e+00

410	2052	4.2939e+00	2.6880e+01	-1.6662e-17	-3.8115e+00	0.0000e+00	0.0000e+00
	2071	-4.2939e+00	2.6880e+01	1.6662e-17	3.8115e+00	0.0000e+00	0.0000e+00
411	2051	-1.5477e+01	2.6880e+01	-3.0308e-17	-1.6873e+00	0.0000e+00	0.0000e+00
	2069	1.5477e+01	2.6880e+01	3.0308e-17	1.6873e+00	0.0000e+00	0.0000e+00
412	2050	-1.2478e+01	2.6880e+01	-3.3552e-17	-1.0229e+00	0.0000e+00	0.0000e+00
	2067	1.2478e+01	2.6880e+01	3.3552e-17	1.0229e+00	0.0000e+00	0.0000e+00
413	2047	-1.8395e+00	3.3792e+01	-3.9725e-18	8.2600e-02	0.0000e+00	0.0000e+00
	2064	1.8395e+00	3.3792e+01	3.9725e-18	-8.2600e-02	0.0000e+00	0.0000e+00
414	2046	-1.0623e+01	3.3792e+01	-6.0273e-18	-2.0701e-02	0.0000e+00	0.0000e+00
	2063	1.0623e+01	3.3792e+01	6.0273e-18	2.0701e-02	0.0000e+00	0.0000e+00
415	2045	-2.8331e+00	3.3792e+01	-6.6311e-18	-5.2377e-01	0.0000e+00	0.0000e+00
	2062	2.8331e+00	3.3792e+01	6.6311e-18	5.2377e-01	0.0000e+00	0.0000e+00
416	2044	1.5522e+00	3.3792e+01	-1.6463e-19	-1.6213e+00	0.0000e+00	0.0000e+00
	2061	-1.5522e+00	3.3792e+01	1.6463e-19	1.6213e+00	0.0000e+00	0.0000e+00
417	2043	9.2463e+00	3.3792e+01	1.2480e-17	-1.9837e+00	0.0000e+00	0.0000e+00
	2060	-9.2463e+00	3.3792e+01	-1.2480e-17	1.9837e+00	0.0000e+00	0.0000e+00
418	2041	3.3454e+01	3.3792e+01	2.0058e-17	-1.5547e+00	0.0000e+00	0.0000e+00
	2058	-3.3454e+01	3.3792e+01	-2.0058e-17	1.5547e+00	0.0000e+00	0.0000e+00
419	2040	1.6372e+01	3.3792e+01	2.2193e-17	-5.6301e-01	0.0000e+00	0.0000e+00
	2057	-1.6372e+01	3.3792e+01	-2.2193e-17	5.6301e-01	0.0000e+00	0.0000e+00
420	2038	1.9000e+01	3.3792e+01	2.2221e-17	7.4146e-01	0.0000e+00	0.0000e+00
	2055	-1.9000e+01	3.3792e+01	-2.2221e-17	-7.4146e-01	0.0000e+00	0.0000e+00
421	2037	9.6644e+00	3.3792e+01	2.5705e-17	1.7695e+00	0.0000e+00	0.0000e+00
	2054	-9.6644e+00	3.3792e+01	-2.5705e-17	-1.7695e+00	0.0000e+00	0.0000e+00
422	2035	3.3076e+00	3.3792e+01	3.6271e-17	2.1039e+00	0.0000e+00	0.0000e+00
	2052	-3.3076e+00	3.3792e+01	-3.6271e-17	-2.1039e+00	0.0000e+00	0.0000e+00
423	2034	-1.6129e+01	3.3792e+01	5.3589e-17	1.0250e-01	0.0000e+00	0.0000e+00
	2051	1.6129e+01	3.3792e+01	-5.3589e-17	-1.0250e-01	0.0000e+00	0.0000e+00
424	2033	-1.1408e+01	3.3792e+01	4.9081e-17	-4.5780e-01	0.0000e+00	0.0000e+00
	2050	1.1408e+01	3.3792e+01	-4.9081e-17	4.5780e-01	0.0000e+00	0.0000e+00
425	2032	-3.4285e-01	2.1504e+01	0.0000e+00	-3.5599e-02	0.0000e+00	0.0000e+00
	2049	3.4285e-01	2.1504e+01	0.0000e+00	3.5599e-02	0.0000e+00	0.0000e+00
426	2030	-1.6608e+00	2.1504e+01	0.0000e+00	1.0365e-03	0.0000e+00	0.0000e+00
	2047	1.6608e+00	2.1504e+01	0.0000e+00	-1.0365e-03	0.0000e+00	0.0000e+00
427	2029	-1.1743e+01	2.1504e+01	0.0000e+00	1.6549e-02	0.0000e+00	0.0000e+00
	2046	1.1743e+01	2.1504e+01	0.0000e+00	-1.6549e-02	0.0000e+00	0.0000e+00
428	2028	-2.5889e+00	2.1504e+01	0.0000e+00	-3.4502e-03	0.0000e+00	0.0000e+00
	2045	2.5889e+00	2.1504e+01	0.0000e+00	3.4502e-03	0.0000e+00	0.0000e+00
429	2027	2.2415e+00	2.1504e+01	0.0000e+00	-7.5981e-02	0.0000e+00	0.0000e+00
	2044	-2.2415e+00	2.1504e+01	0.0000e+00	7.5981e-02	0.0000e+00	0.0000e+00
430	2026	7.9968e+00	2.1504e+01	0.0000e+00	-5.5974e-02	0.0000e+00	0.0000e+00
	2043	-7.9968e+00	2.1504e+01	0.0000e+00	5.5974e-02	0.0000e+00	0.0000e+00
431	2024	2.9461e+01	2.1504e+01	0.0000e+00	9.0464e-02	0.0000e+00	0.0000e+00
	2041	-2.9461e+01	2.1504e+01	0.0000e+00	-9.0464e-02	0.0000e+00	0.0000e+00
432	2023	1.4937e+01	2.1504e+01	0.0000e+00	2.0215e-01	0.0000e+00	0.0000e+00
	2040	-1.4937e+01	2.1504e+01	0.0000e+00	-2.0215e-01	0.0000e+00	0.0000e+00
433	2021	2.4339e+01	2.1504e+01	0.0000e+00	1.0695e-01	0.0000e+00	0.0000e+00
	2038	-2.4339e+01	2.1504e+01	0.0000e+00	-1.0695e-01	0.0000e+00	0.0000e+00
434	2020	9.6585e+00	2.1504e+01	0.0000e+00	-4.6100e-02	0.0000e+00	0.0000e+00
	2037	-9.6585e+00	2.1504e+01	0.0000e+00	4.6100e-02	0.0000e+00	0.0000e+00
435	2018	2.2864e+00	2.1504e+01	0.0000e+00	-1.1025e-01	0.0000e+00	0.0000e+00
	2035	-2.2864e+00	2.1504e+01	0.0000e+00	1.1025e-01	0.0000e+00	0.0000e+00
436	2017	-1.7901e+01	2.1504e+01	0.0000e+00	-1.8485e-02	0.0000e+00	0.0000e+00
	2034	1.7901e+01	2.1504e+01	0.0000e+00	1.8485e-02	0.0000e+00	0.0000e+00
437	2016	-9.3311e+00	2.1504e+01	0.0000e+00	1.1255e-02	0.0000e+00	0.0000e+00

	2033	9.3311e+00	2.1504e+01	0.0000e+00	-1.1255e-02	0.0000e+00	0.0000e+00
438	2015	-1.1677e+00	3.3792e+01	4.9817e-17	-1.1062e+00	0.0000e+00	0.0000e+00
	2032	1.1677e+00	3.3792e+01	-4.9817e-17	1.1062e+00	0.0000e+00	0.0000e+00
439	2013	-2.8793e-01	3.3792e+01	5.7592e-17	-1.9492e-01	0.0000e+00	0.0000e+00
	2030	2.8793e-01	3.3792e+01	-5.7592e-17	1.9492e-01	0.0000e+00	0.0000e+00
440	2012	-1.3511e+01	3.3792e+01	5.5366e-17	4.2841e-01	0.0000e+00	0.0000e+00
	2029	1.3511e+01	3.3792e+01	-5.5366e-17	-4.2841e-01	0.0000e+00	0.0000e+00
441	2011	-1.9589e+00	3.3792e+01	5.1815e-17	1.0910e+00	0.0000e+00	0.0000e+00
	2028	1.9589e+00	3.3792e+01	-5.1815e-17	-1.0910e+00	0.0000e+00	0.0000e+00
442	2010	3.3225e+00	3.3792e+01	4.1306e-17	1.7847e+00	0.0000e+00	0.0000e+00
	2027	-3.3225e+00	3.3792e+01	-4.1306e-17	-1.7847e+00	0.0000e+00	0.0000e+00
443	2009	6.0802e+00	3.3792e+01	3.1586e-17	1.6191e+00	0.0000e+00	0.0000e+00
	2026	-6.0802e+00	3.3792e+01	-3.1586e-17	-1.6191e+00	0.0000e+00	0.0000e+00
444	2007	2.7647e+01	3.3792e+01	2.7403e-17	8.9072e-01	0.0000e+00	0.0000e+00
	2024	-2.7647e+01	3.3792e+01	-2.7403e-17	-8.9072e-01	0.0000e+00	0.0000e+00
445	2006	1.2523e+01	3.3792e+01	2.8538e-17	-2.2507e-03	0.0000e+00	0.0000e+00
	2023	-1.2523e+01	3.3792e+01	-2.8538e-17	2.2507e-03	0.0000e+00	0.0000e+00
446	2004	3.7246e+01	3.3792e+01	3.0114e-17	-6.7348e-01	0.0000e+00	0.0000e+00
	2021	-3.7246e+01	3.3792e+01	-3.0114e-17	6.7348e-01	0.0000e+00	0.0000e+00
447	2003	9.3019e+00	3.3792e+01	2.9431e-17	-1.0745e+00	0.0000e+00	0.0000e+00
	2020	-9.3019e+00	3.3792e+01	-2.9431e-17	1.0745e+00	0.0000e+00	0.0000e+00
448	2001	1.1452e+00	3.3792e+01	0.0000e+00	-1.2682e+00	0.0000e+00	0.0000e+00
	2018	-1.1452e+00	3.3792e+01	0.0000e+00	1.2682e+00	0.0000e+00	0.0000e+00
449	2000	-2.0501e+01	3.3792e+01	0.0000e+00	1.7140e-01	0.0000e+00	0.0000e+00
	2017	2.0501e+01	3.3792e+01	0.0000e+00	-1.7140e-01	0.0000e+00	0.0000e+00
450	1999	-6.4739e+00	3.3792e+01	0.0000e+00	7.2792e-01	0.0000e+00	0.0000e+00
	2016	6.4739e+00	3.3792e+01	0.0000e+00	-7.2792e-01	0.0000e+00	0.0000e+00
451	1982	-1.7193e+00	3.0720e+01	5.9042e-17	1.7088e+00	0.0000e+00	0.0000e+00
	2015	1.7193e+00	3.0720e+01	-5.9042e-17	-1.7088e+00	0.0000e+00	0.0000e+00
452	1984	1.3659e+00	3.0720e+01	6.4556e-17	-8.7058e-02	0.0000e+00	0.0000e+00
	2013	-1.3659e+00	3.0720e+01	-6.4556e-17	8.7058e-02	0.0000e+00	0.0000e+00
453	1985	-1.3941e+01	3.0720e+01	6.1253e-17	-1.7825e+00	0.0000e+00	0.0000e+00
	2012	1.3941e+01	3.0720e+01	-6.1253e-17	1.7825e+00	0.0000e+00	0.0000e+00
454	1986	-1.1358e+00	3.0720e+01	5.2009e-17	-4.5655e+00	0.0000e+00	0.0000e+00
	2011	1.1358e+00	3.0720e+01	-5.2009e-17	4.5655e+00	0.0000e+00	0.0000e+00
455	1998	-1.1642e+01	3.0720e+01	2.8033e-17	-8.7595e+00	0.0000e+00	0.0000e+00
	2010	1.1642e+01	3.0720e+01	-2.8033e-17	8.7595e+00	0.0000e+00	0.0000e+00
456	1997	2.9649e+00	3.0720e+01	-3.7676e-18	-9.2367e+00	0.0000e+00	0.0000e+00
	2009	-2.9649e+00	3.0720e+01	3.7676e-18	9.2367e+00	0.0000e+00	0.0000e+00
457	1995	9.9930e+00	3.0720e+01	-2.0416e-17	-6.3451e+00	0.0000e+00	0.0000e+00
	2007	-9.9930e+00	3.0720e+01	2.0416e-17	6.3451e+00	0.0000e+00	0.0000e+00
458	1994	7.7098e+00	3.0720e+01	-2.2313e-17	-1.5916e+00	0.0000e+00	0.0000e+00
	2006	-7.7098e+00	3.0720e+01	2.2313e-17	1.5916e+00	0.0000e+00	0.0000e+00
459	1992	5.6813e+01	3.0720e+01	-2.0417e-17	3.5529e+00	0.0000e+00	0.0000e+00
	2004	-5.6813e+01	3.0720e+01	2.0417e-17	-3.5529e+00	0.0000e+00	0.0000e+00
460	1991	7.6582e+00	3.0720e+01	-2.6774e-17	7.4648e+00	0.0000e+00	0.0000e+00
	2003	-7.6582e+00	3.0720e+01	2.6774e-17	-7.4648e+00	0.0000e+00	0.0000e+00
461	1989	6.5363e+01	3.0720e+01	-4.8834e-17	9.0954e+00	0.0000e+00	0.0000e+00
	2001	-6.5363e+01	3.0720e+01	4.8834e-17	-9.0954e+00	0.0000e+00	0.0000e+00
462	1988	4.5389e+01	3.0720e+01	-9.5868e-17	2.3747e+00	0.0000e+00	0.0000e+00
	2000	-4.5389e+01	3.0720e+01	9.5868e-17	-2.3747e+00	0.0000e+00	0.0000e+00
463	1987	-1.9929e+00	3.0720e+01	-9.9196e-17	6.1457e-02	0.0000e+00	0.0000e+00
	1999	1.9929e+00	3.0720e+01	9.9196e-17	-6.1457e-02	0.0000e+00	0.0000e+00
464	1926	-8.4185e+01	-3.8170e+01	-1.5620e+00	-3.6432e+01	2.3273e+02	-7.9159e+03
	1981	4.7065e+01	6.8090e+01	1.5620e+00	3.6432e+01	0.0000e+00	0.0000e+00

465	1924	-1.3022e+02	2.4898e+01	2.2708e+00	6.4479e+00	1.2447e+01	-6.6401e+03
	1926	1.0974e+02	-1.0584e+00	-2.2708e+00	-6.4479e+00	-2.3548e+02	7.9148e+03
466	1923	-1.6301e+02	8.9509e+01	4.1970e-01	7.6706e+00	-3.0472e+01	1.0335e+03
	1924	1.4461e+02	-6.3109e+01	-4.1970e-01	-7.6706e+00	-1.1733e+01	6.6401e+03
467	1922	-1.9819e+02	1.5222e+02	-1.6582e-01	6.8810e+00	-1.4384e+01	1.4689e+04
	1923	1.8091e+02	-1.2598e+02	1.6582e-01	-6.8810e+00	3.0665e+01	-1.0322e+03
468	1949	-1.7216e+02	2.4458e+02	6.2318e-02	3.1703e+00	-1.9687e+01	2.9979e+04
	1922	1.6528e+02	-2.2490e+02	-6.2318e-02	-3.1703e+00	1.5627e+01	-1.4685e+04
469	1921	4.7054e+00	-2.6622e+02	2.9210e-01	3.0398e+00	-3.0961e+01	1.9482e+04
	1949	-8.7054e+00	2.7790e+02	-2.9210e-01	-3.0398e+00	1.9692e+01	-2.9979e+04
470	1920	-3.0689e+01	-1.9731e+02	7.5512e-01	1.9071e+00	-1.0760e+02	-2.1038e+03
	1921	2.1249e+01	2.2835e+02	-7.5512e-01	-1.9071e+00	3.1039e+01	-1.9474e+04
471	1918	-6.2557e+01	-1.3140e+02	-2.2620e+00	-8.9253e+00	1.2099e+02	-1.6970e+04
	1920	5.6317e+01	1.6308e+02	2.2620e+00	8.9253e+00	1.0724e+02	2.1127e+03
472	1917	-8.8221e+01	-5.2122e+01	2.3567e+00	4.4431e+00	-1.1646e+02	-2.3855e+04
	1918	8.5501e+01	8.4282e+01	-2.3567e+00	-4.4431e+00	-1.2124e+02	1.6976e+04
473	2107	-9.2009e+01	2.0677e+01	-1.6582e+00	-7.0738e+00	5.5315e+01	-2.3431e+04
	1917	9.2489e+01	1.2443e+01	1.6582e+00	7.0738e+00	1.1633e+02	2.3857e+04
474	2080	-7.3277e+01	9.9012e+01	4.6279e-01	-1.0059e+00	1.0047e+01	-1.5200e+04
	2107	7.7117e+01	-6.7652e+01	-4.6279e-01	1.0059e+00	-5.5739e+01	2.3428e+04
475	2079	-4.7727e+01	1.6764e+02	7.2154e-01	8.9731e-02	-6.2536e+01	1.0412e+02
	2080	5.5087e+01	-1.3628e+02	-7.2154e-01	-8.9731e-02	-1.0097e+01	1.5193e+04
476	2056	-1.2704e+02	-1.3761e+02	4.4094e+00	9.5832e+00	-2.9092e+02	1.2651e+04
	1959	1.3920e+02	1.6225e+02	-4.4094e+00	-9.5832e+00	-8.7706e+01	-2.5525e+04
477	2039	-6.3092e+01	-7.2510e+01	-4.8462e+00	-9.9362e+00	2.0202e+02	3.8471e+03
	2056	7.9412e+01	1.0067e+02	4.8462e+00	9.9362e+00	2.9090e+02	-1.2654e+04
478	1960	-4.6118e+01	-3.5281e+01	1.8951e+00	4.8600e+00	1.5174e+02	2.8146e+03
	2039	5.0918e+01	4.2321e+01	-1.8951e+00	-4.8600e+00	-2.0220e+02	-3.8478e+03
479	2022	1.5435e+02	-2.8210e+01	-3.3806e-02	-6.0154e+00	5.0369e+00	-6.4320e+03
	1980	-1.9147e+02	5.8130e+01	3.3806e-02	6.0154e+00	0.0000e+00	0.0000e+00
480	1993	7.8029e+01	2.2963e+01	-6.1266e-01	-5.0160e+00	6.6217e+01	-5.3490e+03
	2022	-9.8509e+01	8.7651e-01	6.1266e-01	5.0160e+00	-6.0449e+00	6.4337e+03
481	1916	2.4659e+01	9.4301e+01	1.0452e+00	1.6889e+00	-3.8723e+01	2.8064e+03
	1993	-4.3059e+01	-6.7901e+01	-1.0452e+00	-1.6889e+00	-6.6386e+01	5.3492e+03
482	2086	-2.4507e+01	1.8108e+02	-5.1235e-01	7.2519e-01	1.1558e+01	1.9298e+04
	1916	7.2272e+00	-1.5484e+02	5.1235e-01	-7.2519e-01	3.8746e+01	-2.8077e+03
483	1948	-7.8347e+00	2.6217e+02	6.1661e-01	3.5185e+00	-2.9138e+01	3.5742e+04
	2086	9.5472e-01	-2.4249e+02	-6.1661e-01	-3.5185e+00	-1.1033e+01	-1.9303e+04
484	2085	1.9851e+02	-3.3543e+02	6.0286e-01	3.3281e+00	-5.2405e+01	2.2576e+04
	1948	-2.0251e+02	3.4711e+02	-6.0286e-01	-3.3281e+00	2.9146e+01	-3.5742e+04
485	2059	1.6191e+02	-2.4146e+02	3.6267e-01	1.4876e+00	-8.9259e+01	-3.4688e+03
	2085	-1.7135e+02	2.7250e+02	-3.6267e-01	-1.4876e+00	5.2490e+01	-2.2585e+04
486	2042	1.1810e+02	-1.6154e+02	-2.0921e+00	-7.4981e+00	1.2214e+02	-2.1357e+04
	2059	-1.2434e+02	1.9322e+02	2.0921e+00	7.4981e+00	8.8956e+01	3.4584e+03
487	2025	8.3275e+01	-6.9529e+01	2.5868e+00	5.8664e+00	-1.3869e+02	-2.9983e+04
	2042	-8.5995e+01	1.0169e+02	-2.5868e+00	-5.8664e+00	-1.2222e+02	2.1349e+04
488	2008	7.7420e+01	2.0216e+01	-2.5056e+00	-7.8515e+00	1.2077e+02	-2.9602e+04
	2025	-7.6940e+01	1.2904e+01	2.5056e+00	7.8515e+00	1.3859e+02	2.9980e+04
489	1996	6.8191e+01	1.2066e+02	2.1773e+00	5.1820e+00	-9.4069e+01	-1.9241e+04
	2008	-6.4351e+01	-8.9303e+01	-2.1773e+00	-5.1820e+00	-1.2090e+02	2.9606e+04
490	1919	1.0298e+02	2.0672e+02	-1.9713e+00	-5.0518e+00	1.0437e+02	-1.8709e+01
	1996	-9.5617e+01	-1.7536e+02	1.9713e+00	5.0518e+00	9.4076e+01	1.9249e+04
491	2098	-7.0410e+01	-1.8386e+02	1.0883e+00	1.6741e+00	-1.1763e+02	1.5648e+04
	1958	8.2570e+01	2.0850e+02	-1.0883e+00	-1.6741e+00	2.4176e+01	-3.2494e+04
492	2097	-5.1579e+01	-8.8999e+01	-2.0684e+00	-6.1545e+00	9.2900e+01	5.1613e+03

	2098	6.7899e+01	1.1716e+02	2.0684e+00	6.1545e+00	1.1747e+02	-1.5645e+04
493	1961	-1.6805e+01	-2.4648e+01	8.9495e-01	6.5390e-01	6.9271e+01	4.4110e+03
	2097	2.1605e+01	3.1688e+01	-8.9495e-01	-6.5390e-01	-9.3101e+01	-5.1610e+03
494	2065	5.1725e+01	-3.2493e+01	1.1321e-01	-1.7358e+00	-1.6868e+01	-7.0700e+03
	1979	-8.8845e+01	6.2413e+01	-1.1321e-01	1.7358e+00	0.0000e+00	0.0000e+00
495	2048	-1.1550e+01	2.4437e+01	-7.5314e-01	-4.7709e+00	5.7698e+01	-5.8406e+03
	2065	-8.9298e+00	-5.9659e-01	7.5314e-01	4.7709e+00	1.6272e+01	7.0699e+03
496	2031	-5.9044e+01	9.7242e+01	7.1217e-01	1.0735e+00	-1.3731e+01	2.6108e+03
	2048	4.0644e+01	-7.0842e+01	-7.1217e-01	-1.0735e+00	-5.7885e+01	5.8405e+03
497	2014	-1.0416e+02	1.7118e+02	-2.3429e-01	7.1149e-01	9.2480e+00	1.8130e+04
	2031	8.6875e+01	-1.4494e+02	2.3429e-01	-7.1149e-01	1.3755e+01	-2.6110e+03
498	1947	-8.4452e+01	2.6328e+02	5.9846e-01	2.9426e+00	-3.0193e+01	3.4641e+04
	2014	7.7572e+01	-2.4360e+02	-5.9846e-01	-2.9426e+00	-8.7962e+00	-1.8130e+04
499	2005	1.1591e+02	-3.1635e+02	4.1368e-01	2.7462e+00	-4.6159e+01	2.2211e+04
	1947	-1.1991e+02	3.2803e+02	-4.1368e-01	-2.7462e+00	3.0199e+01	-3.4641e+04
500	1983	7.9332e+01	-2.3624e+02	2.9947e-01	1.1426e+00	-7.6589e+01	-3.3151e+03
	2005	-8.8772e+01	2.6728e+02	-2.9947e-01	-1.1426e+00	4.6227e+01	-2.2210e+04
501	1925	3.8241e+01	-1.5708e+02	-1.7198e+00	-6.5669e+00	9.7220e+01	-2.0765e+04
	1983	-4.4481e+01	1.8876e+02	1.7198e+00	6.5669e+00	7.6315e+01	3.3167e+03
502	2125	4.9982e+00	-6.4878e+01	1.9145e+00	4.0628e+00	-9.5747e+01	-2.8932e+04
	1925	-7.7182e+00	9.7038e+01	-1.9145e+00	-4.0628e+00	-9.7348e+01	2.0766e+04
503	2123	-1.4874e-01	2.3356e+01	-1.5783e+00	-5.4080e+00	6.7694e+01	-2.8229e+04
	2125	6.2874e-01	9.7639e+00	1.5783e+00	5.4080e+00	9.5680e+01	2.8932e+04
504	2122	1.4145e+01	1.1551e+02	1.1509e+00	2.0353e+00	-4.5767e+01	-1.8372e+04
	2123	-1.0305e+01	-8.4155e+01	-1.1509e+00	-2.0353e+00	-6.7859e+01	2.8229e+04
505	2120	4.6585e+01	1.9849e+02	-1.2049e+00	-2.9409e+00	7.5570e+01	3.2035e+01
	2122	-3.9225e+01	-1.6713e+02	1.2049e+00	2.9409e+00	4.5718e+01	1.8370e+04
506	2119	-8.3165e+01	-1.6852e+02	7.2572e-01	1.8866e+00	-8.0855e+01	1.5009e+04
	1957	9.5325e+01	1.9316e+02	-7.2572e-01	-1.8866e+00	1.8540e+01	-3.0537e+04
507	2118	-5.0182e+01	-8.6589e+01	-1.2784e+00	-3.5151e+00	4.9221e+01	4.7698e+03
	2119	6.6502e+01	1.1475e+02	1.2784e+00	3.5151e+00	8.0801e+01	-1.5009e+04
508	1962	-2.0428e+01	-2.9962e+01	4.7797e-01	9.2894e-02	3.6620e+01	3.8779e+03
	2118	2.5228e+01	3.7002e+01	-4.7797e-01	-9.2894e-02	-4.9347e+01	-4.7694e+03
509	2117	3.7790e+01	-3.4930e+01	-2.5766e-01	-8.4025e+00	3.8390e+01	-7.4332e+03
	1978	-7.4910e+01	6.4850e+01	2.5766e-01	8.4025e+00	0.0000e+00	0.0000e+00
510	2115	-2.5696e+01	2.4571e+01	2.8064e-02	-1.2896e+00	3.6521e+01	-6.1899e+03
	2117	5.2163e+00	-7.3083e-01	-2.8064e-02	1.2896e+00	-3.9277e+01	7.4324e+03
511	2114	-7.3105e+01	9.8802e+01	3.3942e-01	2.4008e+00	2.3325e+00	2.4185e+03
	2115	5.4705e+01	-7.2402e+01	-3.3942e-01	-2.4008e+00	-3.6465e+01	6.1897e+03
512	2113	-1.1817e+02	1.7311e+02	-2.9408e-03	2.4614e+00	2.5572e+00	1.8127e+04
	2114	1.0089e+02	-1.4687e+02	2.9408e-03	-2.4614e+00	-2.2685e+00	-2.4182e+03
513	1946	-9.7574e+01	2.6856e+02	4.1856e-01	3.0101e+00	-2.5389e+01	3.4982e+04
	2113	9.0694e+01	-2.4888e+02	-4.1856e-01	-3.0101e+00	-1.8807e+00	-1.8126e+04
514	2112	1.0534e+02	-3.1834e+02	5.4694e-01	2.8445e+00	-4.6497e+01	2.2474e+04
	1946	-1.0934e+02	3.3002e+02	-5.4694e-01	-2.8445e+00	2.5396e+01	-3.4982e+04
515	2111	6.8702e+01	-2.3786e+02	1.3168e-01	1.2291e+00	-5.9918e+01	-3.2170e+03
	2112	-7.8142e+01	2.6890e+02	-1.3168e-01	-1.2291e+00	4.6568e+01	-2.2473e+04
516	2109	2.7501e+01	-1.5763e+02	-1.2513e+00	-4.8040e+00	6.6522e+01	-2.0723e+04
	2111	-3.3741e+01	1.8931e+02	1.2513e+00	4.8040e+00	5.9738e+01	3.2188e+03
517	2108	1.6285e+00	-6.6334e+01	1.3134e+00	2.3738e+00	-6.5828e+01	-2.9036e+04
	2109	-4.3485e+00	9.8494e+01	-1.3134e+00	-2.3738e+00	-6.6639e+01	2.0724e+04
518	2106	-3.6459e+00	2.2239e+01	-1.0491e+00	-4.1355e+00	4.2852e+01	-2.8448e+04
	2108	4.1259e+00	1.0881e+01	1.0491e+00	4.1355e+00	6.5741e+01	2.9036e+04
519	2105	1.4287e+01	1.1668e+02	6.8571e-01	5.7393e-01	-2.4668e+01	-1.8476e+04
	2106	-1.0447e+01	-8.5319e+01	-6.8571e-01	-5.7393e-01	-4.3034e+01	2.8448e+04

520	2103	4.6853e+01	1.9963e+02	-8.7744e-01	-2.1051e+00	6.3741e+01	4.3074e+01
	2105	-3.9493e+01	-1.6827e+02	8.7744e-01	2.1051e+00	2.4585e+01	1.8474e+04
521	2102	-8.3489e+01	-1.6918e+02	6.0804e-01	2.1752e+00	-6.3576e+01	1.5089e+04
	1956	9.5649e+01	1.9382e+02	-6.0804e-01	-2.1752e+00	1.1366e+01	-3.0674e+04
522	2101	-5.0549e+01	-8.7222e+01	-8.8183e-01	-2.0736e+00	2.6112e+01	4.7858e+03
	2102	6.6869e+01	1.1538e+02	8.8183e-01	2.0736e+00	6.3579e+01	-1.5089e+04
523	1963	-2.0841e+01	-3.0566e+01	2.5668e-01	-1.5902e-01	1.9359e+01	3.8778e+03
	2101	2.5641e+01	3.7606e+01	-2.5668e-01	1.5902e-01	-2.6194e+01	-4.7854e+03
524	2100	6.4044e+01	-3.3890e+01	-6.9401e-03	-2.6749e+00	1.0340e+00	-7.2781e+03
	1977	-1.0116e+02	6.3810e+01	6.9401e-03	2.6749e+00	0.0000e+00	0.0000e+00
525	2099	1.6819e+01	-3.7703e+01	-1.0174e-01	-3.9960e+00	1.5159e+01	-7.8462e+03
	1976	-5.3939e+01	6.7623e+01	1.0174e-01	3.9960e+00	0.0000e+00	0.0000e+00
526	2096	-3.1925e+00	2.4903e+01	-3.7185e-01	-2.4426e+00	3.8024e+01	-6.0039e+03
	2100	-1.7287e+01	-1.0630e+00	3.7185e-01	2.4426e+00	-1.5027e+00	7.2790e+03
527	2095	-4.5821e+01	2.4489e+01	-1.3075e-01	-1.1760e+00	2.8474e+01	-6.6107e+03
	2099	2.5341e+01	-6.4859e-01	1.3075e-01	1.1760e+00	-1.5632e+01	7.8451e+03
528	2094	-5.3756e+01	1.0127e+02	1.9385e-01	1.4054e+00	1.8582e+01	2.8526e+03
	2096	3.5356e+01	-7.4873e+01	-1.9385e-01	-1.4054e+00	-3.8076e+01	6.0041e+03
529	2093	-9.2257e+01	9.9490e+01	-4.3325e-02	1.7021e+00	3.2804e+01	2.0669e+03
	2095	7.3857e+01	-7.3090e+01	4.3325e-02	-1.7021e+00	-2.8447e+01	6.6105e+03
530	2092	-1.0172e+02	1.7957e+02	1.5003e-01	1.8942e+00	3.8082e+00	1.9196e+04
	2094	8.4440e+01	-1.5333e+02	-1.5003e-01	-1.8942e+00	-1.8539e+01	-2.8533e+03
531	2091	-1.3645e+02	1.7302e+02	3.1978e-01	2.5653e+00	1.3504e+00	1.7766e+04
	2093	1.1917e+02	-1.4678e+02	-3.1978e-01	-2.5653e+00	-3.2748e+01	-2.0658e+03
532	1945	-8.1823e+01	2.7589e+02	4.7350e-01	2.7647e+00	-2.7616e+01	3.6531e+04
	2092	7.4943e+01	-2.5621e+02	-4.7350e-01	-2.7647e+00	-3.2322e+00	-1.9198e+04
533	1944	-1.1482e+02	2.7148e+02	4.0500e-01	2.8170e+00	-2.5701e+01	3.4808e+04
	2091	1.0794e+02	-2.5180e+02	-4.0500e-01	-2.8170e+00	-6.8487e-01	-1.7762e+04
534	2090	1.2919e+02	-3.3463e+02	3.3144e-01	2.5853e+00	-4.0410e+01	2.3395e+04
	1945	-1.3319e+02	3.4631e+02	-3.3144e-01	-2.5853e+00	2.7623e+01	-3.6531e+04
535	2089	8.8368e+01	-3.1606e+02	3.6348e-01	2.6499e+00	-3.9732e+01	2.2389e+04
	1944	-9.2368e+01	3.2774e+02	-3.6348e-01	-2.6499e+00	2.5708e+01	-3.4808e+04
536	2088	9.0407e+01	-2.4982e+02	5.7188e-03	1.1813e+00	-4.1055e+01	-3.5021e+03
	2090	-9.9847e+01	2.8086e+02	-5.7188e-03	-1.1813e+00	4.0476e+01	-2.3400e+04
537	2087	5.2264e+01	-2.3646e+02	-2.1506e-01	1.2695e+00	-1.7996e+01	-3.1647e+03
	2089	-6.1704e+01	2.6750e+02	2.1506e-01	-1.2695e+00	3.9800e+01	-2.2383e+04
538	2084	4.6855e+01	-1.6644e+02	-7.2358e-01	-2.9542e+00	3.2045e+01	-2.1889e+04
	2088	-5.3095e+01	1.9812e+02	7.2358e-01	2.9542e+00	4.0966e+01	3.4968e+03
539	2083	1.1585e+01	-1.5609e+02	-7.4686e-02	-5.4707e-01	-1.0496e+01	-2.0520e+04
	2087	-1.7825e+01	1.8777e+02	7.4686e-02	5.4707e-01	1.8032e+01	3.1717e+03
540	2082	1.5758e+01	-6.9581e+01	7.5602e-01	4.8954e-01	-4.4081e+01	-3.0525e+04
	2084	-1.8478e+01	1.0174e+02	-7.5602e-01	-4.8954e-01	-3.2170e+01	2.1885e+04
541	2081	-3.6625e+00	-6.3029e+01	-7.3724e-02	-1.8226e+00	-2.9432e+00	-2.8504e+04
	2083	9.4252e-01	9.5189e+01	7.3724e-02	1.8226e+00	1.0379e+01	2.0525e+04
542	2078	1.0172e+01	2.2989e+01	-7.7859e-01	-3.8640e+00	3.6678e+01	-2.9858e+04
	2082	-9.6923e+00	1.0131e+01	7.7859e-01	3.8640e+00	4.3914e+01	3.0523e+04
543	2077	-8.6070e+00	2.4515e+01	-5.3234e-02	-2.1042e+00	2.7613e+00	-2.7683e+04
	2081	9.0870e+00	8.6050e+00	5.3234e-02	2.1042e+00	2.7489e+00	2.8506e+04
544	2076	1.4941e+01	1.2202e+02	5.1892e-01	2.1224e-01	-1.4373e+01	-1.9361e+04
	2078	-1.1101e+01	-9.0661e+01	-5.1892e-01	-2.1224e-01	-3.6861e+01	2.9860e+04
545	2075	1.4175e+01	1.1576e+02	-5.8857e-02	-1.6680e+00	8.7618e+00	-1.7799e+04
	2077	-1.0335e+01	-8.4404e+01	5.8857e-02	1.6680e+00	-2.9507e+00	2.7681e+04
546	2072	4.9311e+01	2.1011e+02	-6.8423e-01	-1.3480e+00	5.4565e+01	2.0652e+02
	2076	-4.1951e+01	-1.7875e+02	6.8423e-01	1.3480e+00	1.4311e+01	1.9365e+04
547	2071	4.6291e+01	1.9724e+02	-3.9026e-01	-7.0778e-01	4.8176e+01	4.8310e+02

	2075	-3.8931e+01	-1.6588e+02	3.9026e-01	7.0778e-01	-8.8910e+00	1.7793e+04
548	2070	-8.9048e+01	-1.8044e+02	3.0888e-01	2.3019e+00	-3.7628e+01	1.6075e+04
	1955	1.0121e+02	2.0508e+02	-3.0888e-01	-2.3019e+00	1.1106e+01	-3.2626e+04
549	2069	-8.3245e+01	-1.6868e+02	1.2677e-01	2.5073e+00	-1.9190e+01	1.5134e+04
	1954	9.5405e+01	1.9332e+02	-1.2677e-01	-2.5073e+00	8.3054e+00	-3.0676e+04
550	2068	-5.4152e+01	-9.3438e+01	-3.1248e-01	-2.1515e-01	-5.9160e+00	5.1372e+03
	2070	7.0472e+01	1.2160e+02	3.1248e-01	2.1515e-01	3.7698e+01	-1.6073e+04
551	2067	-5.1043e+01	-8.8074e+01	1.0683e-01	1.2207e+00	-3.0181e+01	4.7476e+03
	2069	6.7363e+01	1.1623e+02	-1.0683e-01	-1.2207e+00	1.9315e+01	-1.5138e+04
552	1964	-2.1859e+01	-3.2060e+01	-4.7936e-02	-6.4709e-01	-4.6080e+00	4.1892e+03
	2068	2.6659e+01	3.9100e+01	4.7936e-02	6.4709e-01	5.8844e+00	-5.1366e+03
553	1965	-2.2261e+01	-3.2649e+01	-2.7913e-01	-9.8915e-01	-2.2757e+01	3.7865e+03
	2067	2.7061e+01	3.9689e+01	2.7913e-01	9.8915e-01	3.0190e+01	-4.7496e+03
554	2066	6.1206e+01	-3.4405e+01	-1.9559e-01	-5.2733e+00	2.9141e+01	-7.3549e+03
	1975	-9.8326e+01	6.4325e+01	1.9559e-01	5.2733e+00	0.0000e+00	0.0000e+00
555	2064	-6.0776e+00	2.4912e+01	1.1005e-01	1.0753e-01	1.8805e+01	-6.0794e+03
	2066	-1.4402e+01	-1.0723e+00	-1.1005e-01	-1.0753e-01	-2.9614e+01	7.3554e+03
556	2063	-5.6626e+01	1.0157e+02	-2.8695e-01	2.0038e+00	4.7554e+01	2.8074e+03
	2064	3.8226e+01	-7.5173e+01	2.8695e-01	-2.0038e+00	-1.8698e+01	6.0795e+03
557	2062	-1.0458e+02	1.7994e+02	4.9565e-01	3.2554e+00	-1.1797e+00	1.9187e+04
	2063	8.7300e+01	-1.5370e+02	-4.9565e-01	-3.2554e+00	-4.7485e+01	-2.8079e+03
558	1943	-8.4506e+01	2.7695e+02	3.0870e-01	2.8700e+00	-2.2049e+01	3.6591e+04
	2062	7.7626e+01	-2.5727e+02	-3.0870e-01	-2.8700e+00	1.9370e+00	-1.9189e+04
559	2061	1.2692e+02	-3.3474e+02	3.6778e-01	2.7263e+00	-3.6247e+01	2.3451e+04
	1943	-1.3092e+02	3.4642e+02	-3.6778e-01	-2.7263e+00	2.2057e+01	-3.6591e+04
560	2060	8.8138e+01	-2.4986e+02	-2.0648e-01	1.4668e+00	-1.5385e+01	-3.4505e+03
	2061	-9.7578e+01	2.8090e+02	2.0648e-01	-1.4668e+00	3.6319e+01	-2.3456e+04
561	2058	4.4593e+01	-1.6625e+02	1.0277e-02	-8.8123e-02	-1.6491e+01	-2.1818e+04
	2060	-5.0833e+01	1.9793e+02	-1.0277e-02	8.8123e-02	1.5454e+01	3.4450e+03
562	2057	8.6604e+00	-7.0808e+01	-1.5212e-01	-2.0293e+00	-1.0450e+00	-3.0577e+04
	2058	-1.1380e+01	1.0297e+02	1.5212e-01	2.0293e+00	1.6388e+01	2.1814e+04
563	2055	2.9881e+00	2.2468e+01	-4.6955e-02	-2.1226e+00	4.0208e+00	-2.9964e+04
	2057	-2.5081e+00	1.0652e+01	4.6955e-02	2.1226e+00	8.3959e-01	3.0576e+04
564	2054	1.5008e+01	1.2256e+02	-6.1085e-02	-1.5873e+00	1.0242e+01	-1.9413e+04
	2055	-1.1168e+01	-9.1204e+01	6.1085e-02	1.5873e+00	-4.2105e+00	2.9966e+04
565	2052	4.9436e+01	2.1064e+02	-3.8211e-01	-4.6707e-01	4.8818e+01	2.0730e+02
	2054	-4.2076e+01	-1.7928e+02	3.8211e-01	4.6707e-01	-1.0353e+01	1.9418e+04
566	2051	-8.9187e+01	-1.8072e+02	-1.0023e-01	2.5988e+00	8.9281e-01	1.6109e+04
	1953	1.0135e+02	2.0536e+02	1.0023e-01	-2.5988e+00	7.7136e+00	-3.2685e+04
567	2050	-5.4310e+01	-9.3712e+01	5.5180e-01	2.6526e+00	-5.5406e+01	5.1441e+03
	2051	7.0630e+01	1.2187e+02	-5.5180e-01	-2.6526e+00	-7.1734e-01	-1.6108e+04
568	1966	-2.2037e+01	-3.2321e+01	-5.1857e-01	-1.4053e+00	-4.1644e+01	4.1892e+03
	2050	2.6837e+01	3.9361e+01	5.1857e-01	1.4053e+00	5.5452e+01	-5.1435e+03
569	2049	4.3173e+01	-3.3953e+01	5.5513e-02	4.3602e-01	-8.2709e+00	-7.2876e+03
	1974	-8.0293e+01	6.3873e+01	-5.5513e-02	-4.3602e-01	0.0000e+00	0.0000e+00
570	2047	-2.0225e+01	2.4554e+01	-2.8103e-01	-1.0736e+00	1.9389e+01	-6.0467e+03
	2049	-2.5503e-01	-7.1354e-01	2.8103e-01	1.0736e+00	8.2126e+00	7.2876e+03
571	2046	-6.7663e+01	9.8233e+01	-4.5973e-01	8.8763e-01	6.5629e+01	2.5043e+03
	2047	4.9263e+01	-7.1833e+01	4.5973e-01	-8.8763e-01	-1.9398e+01	6.0467e+03
572	2045	-1.1274e+02	1.7240e+02	6.6005e-01	2.6156e+00	7.7698e-01	1.8143e+04
	2046	9.5465e+01	-1.4616e+02	-6.6005e-01	-2.6156e+00	-6.5583e+01	-2.5043e+03
573	1942	-9.2486e+01	2.6655e+02	4.1584e-01	2.7260e+00	-2.6975e+01	3.4867e+04
	2045	8.5606e+01	-2.4687e+02	-4.1584e-01	-2.7260e+00	-1.1652e-01	-1.8143e+04
574	2044	1.0962e+02	-3.1804e+02	2.0999e-01	2.5513e+00	-3.5085e+01	2.2371e+04
	1942	-1.1362e+02	3.2972e+02	-2.0999e-01	-2.5513e+00	2.6984e+01	-3.4867e+04

575	2043	7.2983e+01	-2.3771e+02	-4.7935e-01	1.3322e+00	1.3448e+01	-3.3046e+03
	2044	-8.2423e+01	2.6875e+02	4.7935e-01	-1.3322e+00	3.5152e+01	-2.2370e+04
576	2041	3.1776e+01	-1.5792e+02	7.7014e-01	2.6781e+00	-6.4463e+01	-2.0839e+04
	2043	-3.8016e+01	1.8960e+02	-7.7014e-01	-2.6781e+00	-1.3245e+01	3.3066e+03
577	2040	8.7857e+00	-6.4476e+01	-9.7928e-01	-4.5148e+00	3.4397e+01	-2.8965e+04
	2041	-1.1506e+01	9.6636e+01	9.7928e-01	4.5148e+00	6.4372e+01	2.0840e+04
578	2038	3.6598e+00	2.3381e+01	4.5510e-01	-1.0975e+00	-1.2433e+01	-2.8260e+04
	2040	-3.1798e+00	9.7386e+00	-4.5510e-01	1.0975e+00	-3.4674e+01	2.8966e+04
579	2037	1.4170e+01	1.1572e+02	-3.2573e-01	-2.2657e+00	1.9891e+01	-1.8382e+04
	2038	-1.0330e+01	-8.4364e+01	3.2573e-01	2.2657e+00	1.2269e+01	2.8259e+04
580	2035	4.6633e+01	1.9870e+02	-3.1986e-01	-9.4832e-02	5.2218e+01	4.3080e+01
	2037	-3.9273e+01	-1.6734e+02	3.1986e-01	9.4832e-02	-2.0020e+01	1.8380e+04
581	2034	-8.3247e+01	-1.6868e+02	-5.5238e-01	2.3642e+00	3.2998e+01	1.5029e+04
	1952	9.5407e+01	1.9332e+02	5.5238e-01	-2.3642e+00	1.4433e+01	-3.0571e+04
582	2033	-5.0275e+01	-8.6749e+01	1.2195e+00	4.5617e+00	-9.1269e+01	4.7739e+03
	2034	6.6595e+01	1.1491e+02	-1.2195e+00	-4.5617e+00	-3.2766e+01	-1.5029e+04
583	1967	-2.0532e+01	-3.0114e+01	-8.5709e-01	-2.1232e+00	-6.8536e+01	3.8778e+03
	2033	2.5332e+01	3.7154e+01	8.5709e-01	2.1232e+00	9.1358e+01	-4.7734e+03
584	2032	4.4956e+01	-3.3720e+01	-3.1488e-01	-6.2321e+00	4.6914e+01	-7.2528e+03
	1973	-8.2076e+01	6.3640e+01	3.1488e-01	6.2321e+00	0.0000e+00	0.0000e+00
585	2030	-1.8429e+01	2.4460e+01	5.0996e-01	2.3932e+00	-2.8203e+00	-6.0201e+03
	2032	-2.0506e+00	-6.1962e-01	-5.0996e-01	-2.3932e+00	-4.7266e+01	7.2517e+03
586	2029	-6.5886e+01	9.7959e+01	-8.6295e-01	2.0965e+00	8.3732e+01	2.5034e+03
	2030	4.7486e+01	-7.1559e+01	8.6295e-01	-2.0965e+00	3.0474e+00	6.0199e+03
587	2028	-1.1098e+02	1.7208e+02	9.0532e-01	4.3007e+00	-5.2397e+00	1.8110e+04
	2029	9.3696e+01	-1.4584e+02	-9.0532e-01	-4.3007e+00	-8.3647e+01	-2.5030e+03
588	1941	-9.0849e+01	2.6581e+02	2.7535e-01	2.8950e+00	-2.4068e+01	3.4786e+04
	2028	8.3969e+01	-2.4613e+02	-2.7535e-01	-2.8950e+00	6.1294e+00	-1.8109e+04
589	2027	1.1061e+02	-3.1692e+02	3.8803e-01	2.7388e+00	-3.9049e+01	2.2333e+04
	1941	-1.1461e+02	3.2860e+02	-3.8803e-01	-2.7388e+00	2.4078e+01	-3.4786e+04
590	2026	7.4011e+01	-2.3662e+02	-6.9293e-01	1.3820e+00	3.1134e+01	-3.2329e+03
	2027	-8.3451e+01	2.6766e+02	6.9293e-01	-1.3820e+00	3.9120e+01	-2.2331e+04
591	2024	3.2908e+01	-1.5694e+02	1.2236e+00	4.5066e+00	-9.2626e+01	-2.0668e+04
	2026	-3.9148e+01	1.8862e+02	-1.2236e+00	-4.5066e+00	-3.0837e+01	3.2346e+03
592	2023	1.0885e+01	-6.6045e+01	-1.5194e+00	-5.8580e+00	6.0677e+01	-2.8952e+04
	2024	-1.3605e+01	9.8205e+01	1.5194e+00	5.8580e+00	9.2569e+01	2.0669e+04
593	2021	5.5936e+00	2.1614e+01	8.9508e-01	1.5982e-01	-3.1691e+01	-2.8428e+04
	2023	-5.1136e+00	1.1506e+01	-8.9508e-01	-1.5982e-01	-6.0959e+01	2.8951e+04
594	2020	1.4266e+01	1.1651e+02	-6.2427e-01	-3.1443e+00	3.0095e+01	-1.8473e+04
	2021	-1.0426e+01	-8.5146e+01	6.2427e-01	3.1443e+00	3.1541e+01	2.8428e+04
595	2018	4.6813e+01	1.9946e+02	-2.6762e-01	1.3852e-01	5.7198e+01	2.8347e+01
	2020	-3.9453e+01	-1.6810e+02	2.6762e-01	-1.3852e-01	-3.0258e+01	1.8472e+04
596	2017	-8.3405e+01	-1.6901e+02	-8.6225e-01	2.1812e+00	5.8081e+01	1.5070e+04
	1951	9.5565e+01	1.9365e+02	8.6225e-01	-2.1812e+00	1.5956e+01	-3.0639e+04
597	2016	-5.0454e+01	-8.7059e+01	1.7382e+00	6.0536e+00	-1.1899e+02	4.7826e+03
	2017	6.6774e+01	1.1522e+02	-1.7382e+00	-6.0536e+00	-5.7806e+01	-1.5069e+04
598	1968	-2.0734e+01	-3.0410e+01	-1.1190e+00	-2.6620e+00	-8.9318e+01	3.8784e+03
	2016	2.5534e+01	3.7450e+01	1.1190e+00	2.6620e+00	1.1911e+02	-4.7819e+03
599	2015	1.4907e+02	-2.4548e+01	-1.6348e-01	-1.9172e+00	2.4356e+01	-5.8864e+03
	1972	-1.8619e+02	5.4468e+01	1.6348e-01	1.9172e+00	0.0000e+00	0.0000e+00
600	2013	7.9609e+01	2.1558e+01	3.8814e-01	2.5388e+00	-1.3822e+01	-4.9426e+03
	2015	-1.0009e+02	2.2819e+00	-3.8814e-01	-2.5388e+00	-2.4299e+01	5.8892e+03
601	2012	2.6090e+01	9.2744e+01	-1.2657e+00	1.1316e+00	1.1328e+02	3.0563e+03
	2013	-4.4490e+01	-6.6344e+01	1.2657e+00	-1.1316e+00	1.4008e+01	4.9427e+03
602	2011	-2.9611e+01	1.7884e+02	1.2098e+00	4.1272e+00	-5.5734e+00	1.9330e+04

	2012	1.2331e+01	-1.5260e+02	-1.2098e+00	-4.1272e+00	-1.1321e+02	-3.0584e+03
603	1940	-1.3329e+01	2.6125e+02	3.8667e-01	2.6454e+00	-3.1602e+01	3.5714e+04
	2011	6.4489e+00	-2.4157e+02	-3.8667e-01	-2.6454e+00	6.4108e+00	-1.9335e+04
604	2010	1.9318e+02	-3.3683e+02	3.4190e-01	2.4418e+00	-4.4803e+01	2.2494e+04
	1940	-1.9718e+02	3.4851e+02	-3.4190e-01	-2.4418e+00	3.1612e+01	-3.5714e+04
605	2009	1.5896e+02	-2.4428e+02	-1.0753e+00	8.0537e-01	6.4178e+01	-3.8356e+03
	2010	-1.6840e+02	2.7532e+02	1.0753e+00	-8.0537e-01	4.4847e+01	-2.2504e+04
606	2007	1.1487e+02	-1.6405e+02	2.0400e+00	7.2566e+00	-1.4207e+02	-2.1976e+04
	2009	-1.2111e+02	1.9573e+02	-2.0400e+00	-7.2566e+00	-6.3771e+01	3.8247e+03
607	2006	9.7341e+01	-6.3348e+01	-2.6579e+00	-8.5038e+00	1.2606e+02	-2.9980e+04
	2007	-1.0006e+02	9.5508e+01	2.6579e+00	8.5038e+00	1.4201e+02	2.1969e+04
608	2004	9.2027e+01	2.4978e+01	2.1551e+00	3.9807e+00	-9.6793e+01	-2.9107e+04
	2006	-9.1547e+01	8.1419e+00	-2.1551e+00	-3.9807e+00	-1.2628e+02	2.9978e+04
609	2003	9.8878e+01	1.1953e+02	-1.6493e+00	-6.3197e+00	6.6165e+01	-1.8858e+04
	2004	-9.5038e+01	-8.8173e+01	1.6493e+00	6.3197e+00	9.6677e+01	2.9111e+04
610	2001	1.3336e+02	2.0227e+02	-5.6443e-03	8.9423e-01	6.7029e+01	-8.3520e+01
	2003	-1.2600e+02	-1.7091e+02	5.6443e-03	-8.9423e-01	-6.6461e+01	1.8866e+04
611	2000	-3.2637e+01	-1.8263e+02	-1.7135e+00	1.2137e+00	1.1515e+02	1.5649e+04
	1950	4.4797e+01	2.0727e+02	1.7135e+00	-1.2137e+00	3.1988e+01	-3.2388e+04
612	1999	-2.6802e+01	-8.4264e+01	2.8425e+00	8.8475e+00	-1.7429e+02	5.6441e+03
	2000	4.3122e+01	1.1242e+02	-2.8425e+00	-8.8475e+00	-1.1482e+02	-1.5647e+04
613	1969	8.2511e+00	-2.1737e+01	-1.6385e+00	-3.9187e+00	-1.3084e+02	4.9723e+03
	1999	-3.4511e+00	2.8777e+01	1.6385e+00	3.9187e+00	1.7447e+02	-5.6448e+03
614	1982	-7.6200e+01	-4.0966e+01	1.3615e+00	3.0534e+01	-2.0285e+02	-8.3324e+03
	1971	3.9080e+01	7.0886e+01	-1.3615e+00	-3.0534e+01	0.0000e+00	0.0000e+00
615	1984	-1.2702e+02	2.6766e+01	-2.4034e+00	-6.8329e+00	3.1025e+01	-6.8726e+03
	1982	1.0654e+02	-2.9257e+00	2.4034e+00	6.8329e+00	2.0502e+02	8.3306e+03
616	1985	-1.5964e+02	9.1045e+01	-1.0374e+00	-3.6686e+00	1.3588e+02	9.5548e+02
	1984	1.4124e+02	-6.4645e+01	1.0374e+00	3.6686e+00	-3.1556e+01	6.8727e+03
617	1986	-2.0387e+02	1.5270e+02	1.4036e+00	-8.7537e-03	-1.8742e+00	1.4658e+04
	1985	1.8659e+02	-1.2646e+02	-1.4036e+00	8.7537e-03	-1.3594e+02	-9.5354e+02
618	1938	-1.7756e+02	2.4644e+02	2.6781e-01	-4.6498e-01	-1.9263e+01	3.0068e+04
	1986	1.7068e+02	-2.2676e+02	-2.6781e-01	4.6498e-01	1.8156e+00	-1.4654e+04
619	1998	-2.1293e-01	-2.6569e+02	-9.0476e-02	-5.8752e-01	-1.5769e+01	1.9592e+04
	1938	-3.7871e+00	2.7737e+02	9.0476e-02	5.8752e-01	1.9260e+01	-3.0068e+04
620	1997	-3.5658e+01	-1.9776e+02	-7.6889e-01	-1.1223e+00	6.2216e+01	-2.0400e+03
	1998	2.6218e+01	2.2880e+02	7.6889e-01	1.1223e+00	1.5739e+01	-1.9583e+04
621	1995	-6.7545e+01	-1.3135e+02	2.1960e+00	5.1414e+00	-1.5957e+02	-1.6901e+04
	1997	6.1305e+01	1.6303e+02	-2.1960e+00	-5.1414e+00	-6.2013e+01	2.0492e+03
622	1994	-7.9516e+01	-5.2011e+01	-3.5740e+00	-1.2517e+01	2.0130e+02	-2.3774e+04
	1995	7.6796e+01	8.4171e+01	3.5740e+00	1.2517e+01	1.5917e+02	1.6907e+04
623	1992	-8.3336e+01	1.9929e+01	4.1358e+00	7.4135e+00	-2.2655e+02	-2.3427e+04
	1994	8.3816e+01	1.3191e+01	-4.1358e+00	-7.4135e+00	-2.0155e+02	2.3776e+04
624	1991	-3.9665e+01	1.0026e+02	-4.4800e+00	-1.6974e+01	2.1627e+02	-1.5073e+04
	1992	4.3505e+01	-6.8896e+01	4.4800e+00	1.6974e+01	2.2604e+02	2.3424e+04
625	1989	-1.4178e+01	1.6523e+02	3.1782e+00	6.5845e+00	-1.0309e+02	-1.1153e+01
	1991	2.1538e+01	-1.3387e+02	-3.1782e+00	-6.5845e+00	-2.1684e+02	1.5066e+04
626	1988	-9.1145e+01	-1.4161e+02	9.4197e-01	8.0103e+00	-1.2468e+01	1.2326e+04
	1939	1.0330e+02	1.6625e+02	-9.4197e-01	-8.0103e+00	-6.8415e+01	-2.5543e+04
627	1987	-4.1994e+01	-7.2460e+01	9.4378e-01	7.1790e+00	-1.0897e+02	3.5258e+03
	1988	5.8314e+01	1.0062e+02	-9.4378e-01	-7.1790e+00	1.2974e+01	-1.2328e+04
628	1970	-2.5073e+01	-3.6774e+01	-1.0491e+00	-8.0674e-01	-8.1265e+01	2.4530e+03
	1987	2.9873e+01	4.3814e+01	1.0491e+00	8.0674e-01	1.0920e+02	-3.5259e+03
629	1910	0.0000e+00	5.4470e+02	0.0000e+00	4.0195e-01	0.0000e+00	3.1108e+04
	28	0.0000e+00	-1.9408e+02	0.0000e+00	-4.0195e-01	0.0000e+00	3.7968e+04

630	1905	0.0000e+00	4.4349e+02	0.0000e+00	-1.0296e+02	0.0000e+00	2.2165e+04
	33	0.0000e+00	-9.2869e+01	0.0000e+00	1.0296e+02	0.0000e+00	2.7985e+04
631	1915	0.0000e+00	4.4546e+02	0.0000e+00	1.7235e+02	0.0000e+00	2.2320e+04
	23	0.0000e+00	-9.4831e+01	0.0000e+00	-1.7235e+02	0.0000e+00	2.8197e+04
632	1894	5.5959e+02	-8.2549e+01	1.5620e+00	-2.8365e+01	-2.1499e+02	-1.0154e+04
	1981	-6.0872e+00	8.2549e+01	-1.5620e+00	2.8365e+01	2.2863e+01	1.1642e-10
633	1895	7.3905e+02	7.4899e+01	3.3806e-02	-4.6835e+00	-7.9332e+00	9.2126e+03
	1980	-1.8555e+02	-7.4899e+01	-3.3806e-02	4.6835e+00	3.7750e+00	5.8208e-11
634	1896	6.6184e+02	7.1624e+00	-1.1321e-01	-1.3515e+00	1.2836e+01	8.8097e+02
	1979	-1.0834e+02	-7.1624e+00	1.1321e-01	1.3515e+00	1.0893e+00	-5.8208e-11
635	1897	6.5252e+02	-3.4806e+00	2.5766e-01	-6.5420e+00	-3.6966e+01	-4.2811e+02
	1978	-9.9020e+01	3.4806e+00	-2.5766e-01	6.5420e+00	5.2731e+00	0.0000e+00
636	1898	6.7231e+02	1.3806e+01	6.9401e-03	-2.0826e+00	-2.5323e+00	1.6981e+03
	1977	-1.1881e+02	-1.3806e+01	-6.9401e-03	2.0826e+00	1.6786e+00	-5.8208e-11
637	1899	6.3793e+02	-1.8799e+01	1.0174e-01	-3.1112e+00	-1.5022e+01	-2.3123e+03
	1976	-8.4432e+01	1.8799e+01	-1.0174e-01	3.1112e+00	2.5077e+00	0.0000e+00
638	1900	6.7042e+02	1.1623e+01	1.9559e-01	-4.1057e+00	-2.7366e+01	1.4297e+03
	1975	-1.1692e+02	-1.1623e+01	-1.9559e-01	4.1057e+00	3.3093e+00	1.7462e-10
639	1901	6.5610e+02	6.5842e-01	-5.5513e-02	3.3947e-01	7.1017e+00	8.0986e+01
	1974	-1.0260e+02	-6.5842e-01	5.5513e-02	-3.3947e-01	-2.7363e-01	1.1642e-10
640	1902	6.5734e+02	1.9593e+00	3.1488e-01	-4.8522e+00	-4.2641e+01	2.4099e+02
	1973	-1.0384e+02	-1.9593e+00	-3.1488e-01	4.8522e+00	3.9110e+00	1.1642e-10
641	1903	7.3264e+02	7.4434e+01	1.6348e-01	-1.4927e+00	-2.1311e+01	9.1554e+03
	1972	-1.7914e+02	-7.4434e+01	-1.6348e-01	1.4927e+00	1.2032e+00	0.0000e+00
642	1904	5.6756e+02	-7.9714e+01	-1.3615e+00	2.3773e+01	1.8662e+02	-9.8048e+03
	1971	-1.4058e+01	7.9714e+01	1.3615e+00	-2.3773e+01	-1.9162e+01	-1.1642e-10
2422	55	2.2898e-16	3.3057e+02	-3.1520e-15	-1.9880e+03	1.8852e-13	2.4504e+04
	56	-2.2898e-16	2.6943e+02	3.1520e-15	1.9880e+03	5.0382e-13	-1.2277e+04
2423	54	-1.8735e-16	3.2050e+02	1.2837e-16	4.2965e+02	2.6024e-13	2.1250e+04
	55	1.8735e-16	3.3950e+02	-1.2837e-16	-4.2965e+02	5.0626e-14	-2.5429e+04
2424	53	-8.7430e-16	2.1206e+02	-4.3160e-15	9.2696e+01	-1.1151e-12	1.2625e+04
	54	8.7430e-16	2.0794e+02	4.3160e-15	-9.2696e+01	1.4140e-12	-1.2050e+04
2425	52	2.9143e-16	3.3341e+02	1.2841e-15	-3.1708e+02	5.0071e-14	2.3595e+04
	53	-2.9143e-16	3.2659e+02	-1.2841e-15	3.1708e+02	-1.5932e-13	-2.2094e+04
2426	51	2.2204e-16	2.5720e+02	3.3300e-15	9.2559e+02	-5.3124e-13	1.5056e+04
	52	-2.2204e-16	2.6780e+02	-3.3300e-15	-9.2559e+02	-6.9053e-13	-1.6909e+04
2427	50	3.8164e-16	2.6776e+02	-3.3415e-15	-9.2556e+02	6.9322e-13	1.6903e+04
	51	-3.8164e-16	2.5724e+02	3.3415e-15	9.2556e+02	5.3363e-13	-1.5062e+04
2428	49	1.5959e-16	3.2657e+02	-1.2746e-15	3.1705e+02	1.5754e-13	2.2090e+04
	50	-1.5959e-16	3.3343e+02	1.2746e-15	-3.1705e+02	-5.1847e-14	-2.3600e+04
2429	48	3.3307e-16	2.0789e+02	4.1703e-15	-9.2867e+01	-1.3929e-12	1.2042e+04
	49	-3.3307e-16	2.1211e+02	-4.1703e-15	9.2867e+01	1.1362e-12	-1.2633e+04
2430	47	-2.9837e-16	3.3948e+02	-1.2924e-16	-4.3040e+02	-5.2403e-14	2.5424e+04
	48	2.9837e-16	3.2052e+02	1.2924e-16	4.3040e+02	-2.6201e-13	-2.1255e+04
2431	35	4.4409e-16	2.6940e+02	3.1138e-15	1.9882e+03	-4.9627e-13	1.2270e+04
	47	-4.4409e-16	3.3060e+02	-3.1138e-15	-1.9882e+03	-1.8097e-13	-2.4510e+04
2432	45	-1.1102e-16	3.3258e+02	-3.1017e-15	5.4606e+03	1.7852e-13	2.5035e+04
	46	1.1102e-16	2.6742e+02	3.1017e-15	-5.4606e+03	4.9383e-13	-1.2003e+04
2433	44	4.4409e-16	3.1832e+02	1.1102e-16	-1.0983e+03	2.6423e-13	2.0802e+04
	45	-4.4409e-16	3.4168e+02	-1.1102e-16	1.0983e+03	5.4734e-14	-2.5941e+04
2434	43	2.7756e-16	2.1138e+02	-4.2518e-15	-2.4460e+02	-1.1213e-12	1.2451e+04
	44	-2.7756e-16	2.0862e+02	4.2518e-15	2.4460e+02	1.4080e-12	-1.2064e+04
2435	42	1.6653e-16	3.3458e+02	1.2781e-15	8.0549e+02	5.1514e-14	2.3892e+04
	43	-1.6653e-16	3.2542e+02	-1.2781e-15	-8.0549e+02	-1.5793e-13	-2.1877e+04
2436	65	5.5511e-16	3.3224e+02	-3.1017e-15	-1.7268e+03	1.7852e-13	2.4995e+04

	66	-5.5511e-16	2.6776e+02	3.1017e-15	1.7268e+03	4.9383e-13	-1.2099e+04
2437	64	1.1102e-16	3.1875e+02	9.4542e-17	4.0888e+02	2.6779e-13	2.0905e+04
	65	-1.1102e-16	3.4125e+02	-9.4542e-17	-4.0888e+02	5.8065e-14	-2.5853e+04
2438	63	-5.5511e-17	2.1126e+02	-4.3195e-15	8.2818e+01	-1.1149e-12	1.2408e+04
	64	5.5511e-17	2.0874e+02	4.3195e-15	-8.2818e+01	1.4144e-12	-1.2056e+04
2439	62	-3.8858e-16	3.3467e+02	1.3106e-15	-2.7829e+02	4.4298e-14	2.3926e+04
	63	3.8858e-16	3.2533e+02	-1.3106e-15	2.7829e+02	-1.6503e-13	-2.1872e+04
2440	61	-2.7756e-16	2.5368e+02	3.3255e-15	8.7552e+02	-5.3052e-13	1.4408e+04
	62	2.7756e-16	2.7132e+02	-3.3255e-15	-8.7552e+02	-6.8984e-13	-1.7496e+04
2441	41	4.9960e-16	2.5297e+02	3.3894e-15	-2.5057e+03	-5.4179e-13	1.4290e+04
	42	-4.9960e-16	2.7203e+02	-3.3894e-15	2.5057e+03	-7.0124e-13	-1.7624e+04
2442	40	0.0000e+00	2.7199e+02	-3.3625e-15	2.5056e+03	6.9694e-13	1.7617e+04
	41	0.0000e+00	2.5301e+02	3.3625e-15	-2.5056e+03	5.3735e-13	-1.4297e+04
2443	39	1.6653e-16	3.2541e+02	-1.2837e-15	-8.0522e+02	1.5943e-13	2.1876e+04
	40	-1.6653e-16	3.3459e+02	1.2837e-15	8.0522e+02	-4.9960e-14	-2.3894e+04
2444	38	1.6653e-16	2.0852e+02	4.2293e-15	2.4419e+02	-1.4018e-12	1.2050e+04
	39	-1.6653e-16	2.1148e+02	-4.2293e-15	-2.4419e+02	1.1273e-12	-1.2465e+04
2445	37	3.8858e-16	3.4167e+02	-1.1796e-16	1.0986e+03	-5.4512e-14	2.5938e+04
	38	-3.8858e-16	3.1833e+02	1.1796e-16	-1.0986e+03	-2.6401e-13	-2.0805e+04
2446	34	0.0000e+00	2.6738e+02	3.0965e-15	-5.4607e+03	-4.9294e-13	1.1994e+04
	37	0.0000e+00	3.3262e+02	-3.0965e-15	5.4607e+03	-1.7764e-13	-2.5043e+04
2447	60	1.6653e-16	2.7128e+02	-3.4098e-15	-8.7535e+02	7.0499e-13	1.7488e+04
	61	-1.6653e-16	2.5372e+02	3.4098e-15	8.7535e+02	5.4551e-13	-1.4416e+04
2448	59	-5.5511e-17	3.2531e+02	-1.2742e-15	2.7808e+02	1.5743e-13	2.1868e+04
	60	5.5511e-17	3.3469e+02	1.2742e-15	-2.7808e+02	-5.2069e-14	-2.3930e+04
2449	58	-3.8858e-16	2.0866e+02	4.0905e-15	-8.2358e+01	-1.3829e-12	1.2044e+04
	59	3.8858e-16	2.1134e+02	-4.0905e-15	8.2358e+01	1.1462e-12	-1.2420e+04
2450	57	-1.1102e-16	3.4125e+02	-9.4542e-17	-4.0981e+02	-5.9286e-14	2.5853e+04
	58	1.1102e-16	3.1875e+02	9.4542e-17	4.0981e+02	-2.6890e-13	-2.0905e+04
2451	36	2.7756e-16	2.6771e+02	3.0965e-15	1.7275e+03	-4.9316e-13	1.2089e+04
	57	-2.7756e-16	3.3229e+02	-3.0965e-15	-1.7275e+03	-1.7764e-13	-2.5005e+04
2452	56	5.1470e-13	2.0164e+03	-3.0358e-18	-3.6107e+02	3.3307e-16	1.5120e+05
	46	-5.1470e-13	1.5806e+03	3.0358e-18	3.6107e+02	9.7145e-17	-5.6190e+04
2453	66	2.1494e-13	9.3519e+02	6.9389e-18	6.3521e+02	1.5543e-15	1.9677e+04
	56	-2.1494e-13	1.5728e+03	-6.9389e-18	-6.3521e+02	-1.1102e-15	-1.1660e+05
2454	55	-8.2911e-13	3.5624e+03	3.2526e-19	-2.3868e+00	-7.7716e-16	2.6061e+05
	45	8.2911e-13	2.9122e+03	-3.2526e-19	2.3868e+00	6.3838e-16	-1.1888e+05
2455	65	1.4744e-13	1.7139e+03	-1.1276e-17	8.8291e+00	-1.1102e-16	3.7311e+04
	55	-1.4744e-13	2.8005e+03	1.1276e-17	-8.8291e+00	1.1102e-15	-2.0248e+05
2456	54	-4.9116e-13	3.1540e+03	3.4694e-18	9.5308e+01	4.4409e-16	2.3280e+05
	44	4.9116e-13	2.5358e+03	-3.4694e-18	-9.5308e+01	1.5266e-16	-9.8012e+04
2457	64	4.4520e-13	1.4813e+03	6.9389e-18	-1.6418e+02	1.5543e-15	2.9600e+04
	54	-4.4520e-13	2.4859e+03	-6.9389e-18	1.6418e+02	-1.1102e-15	-1.8230e+05
2458	53	3.7415e-13	3.1078e+03	-2.1684e-19	-6.0823e+01	-3.3307e-16	2.2963e+05
	43	-3.7415e-13	2.4948e+03	2.1684e-19	6.0823e+01	-5.8287e-16	-9.6010e+04
2459	63	-6.9100e-13	1.4566e+03	3.4694e-18	1.3097e+02	-1.4988e-15	2.8903e+04
	53	6.9100e-13	2.4498e+03	-3.4694e-18	-1.3097e+02	-5.5511e-16	-1.7987e+05
2460	52	7.1188e-13	3.3944e+03	-3.0358e-18	6.1914e+01	4.4409e-16	2.4945e+05
	42	-7.1188e-13	2.7532e+03	3.0358e-18	-6.1914e+01	1.5266e-16	-1.0966e+05
2461	62	-3.9901e-13	1.6150e+03	-6.5052e-18	-1.0661e+02	-6.6613e-16	3.3875e+04
	52	3.9901e-13	2.6714e+03	6.5052e-18	1.0661e+02	4.4409e-16	-1.9446e+05
2462	51	-2.6662e-16	2.7181e+03	-4.3368e-19	1.7452e-01	-6.1062e-16	2.0216e+05
	41	2.6662e-16	2.1542e+03	4.3368e-19	-1.7452e-01	7.9103e-16	-7.9204e+04
2463	61	-1.2051e-14	1.2582e+03	-9.9747e-18	1.3733e-01	-1.1102e-16	2.4537e+04
	51	1.2051e-14	2.1390e+03	9.9747e-18	-1.3733e-01	9.9920e-16	-1.5843e+05

2464	50	-7.2292e-13	3.3944e+03	1.0842e-19	-6.1769e+01	-7.2164e-16	2.4946e+05
	40	7.2292e-13	2.7532e+03	-1.0842e-19	6.1769e+01	6.8001e-16	-1.0966e+05
2465	60	3.9913e-13	1.6150e+03	0.0000e+00	1.0708e+02	-9.4369e-16	3.3873e+04
	50	-3.9913e-13	2.6714e+03	0.0000e+00	-1.0708e+02	-1.1102e-16	-1.9446e+05
2466	49	-3.8469e-13	3.1078e+03	2.1684e-18	6.1414e+01	7.2164e-16	2.2963e+05
	39	3.8469e-13	2.4948e+03	-2.1684e-18	-6.1414e+01	4.1633e-16	-9.6012e+04
2467	59	6.9211e-13	1.4566e+03	3.4694e-18	-1.3067e+02	-1.4988e-15	2.8908e+04
	49	-6.9211e-13	2.4498e+03	-3.4694e-18	1.3067e+02	-5.5511e-16	-1.7987e+05
2468	48	4.8872e-13	3.1541e+03	-8.6736e-19	-9.4584e+01	-4.9960e-16	2.3280e+05
	38	-4.8872e-13	2.5357e+03	8.6736e-19	9.4584e+01	-8.7430e-16	-9.8006e+04
2469	58	-4.3321e-13	1.4813e+03	-9.5410e-18	1.6496e+02	1.6653e-16	2.9600e+04
	48	4.3321e-13	2.4859e+03	9.5410e-18	-1.6496e+02	9.9920e-16	-1.8231e+05
2470	47	8.3222e-13	3.5624e+03	2.3852e-18	2.6734e+00	5.5511e-16	2.6060e+05
	37	-8.3222e-13	2.9122e+03	-2.3852e-18	-2.6734e+00	1.5266e-16	-1.1888e+05
2471	57	-1.5232e-13	1.7140e+03	-9.5410e-18	-7.9693e+00	1.1102e-16	3.7333e+04
	47	1.5232e-13	2.8004e+03	9.5410e-18	7.9693e+00	1.1102e-15	-2.0246e+05
2472	35	-5.1736e-13	2.0164e+03	1.0842e-19	3.6109e+02	-7.2164e-16	1.5121e+05
	34	5.1736e-13	1.5806e+03	-1.0842e-19	-3.6109e+02	6.8001e-16	-5.6183e+04
2473	36	-2.0917e-13	9.3528e+02	7.3726e-18	-6.3528e+02	1.2768e-15	1.9694e+04
	35	2.0917e-13	1.5727e+03	-7.3726e-18	6.3528e+02	-1.2212e-15	-1.1658e+05
2474	33	2.6256e+03	-7.4376e+01	-2.1344e+01	-8.1584e-02	-3.6974e+03	-1.0057e+04
	66	-1.6738e+03	7.4376e+01	2.1344e+01	8.1584e-02	1.2726e+04	-2.1404e+04
2475	22	4.8104e+03	-1.3559e+02	-3.7961e+00	-8.1584e-02	-9.6751e+03	-2.0759e+04
	56	-3.8587e+03	1.3559e+02	3.7961e+00	8.1584e-02	1.1281e+04	-3.6596e+04
2476	21	7.9847e+03	-1.9930e+02	-3.1319e+00	-8.1584e-02	4.1060e+02	-2.8596e+04
	55	-7.0330e+03	1.9930e+02	3.1319e+00	8.1584e-02	9.1420e+02	-5.5708e+04
2477	32	3.9467e+03	-1.0953e+02	-2.8697e+00	-8.1584e-02	3.5041e+02	-1.1154e+04
	65	-2.9950e+03	1.0953e+02	2.8697e+00	8.1584e-02	8.6349e+02	-3.5175e+04
2478	20	7.1201e+03	-1.8175e+02	2.4096e+01	-8.1584e-02	-1.2514e+03	-2.6053e+04
	54	-6.1684e+03	1.8175e+02	-2.4096e+01	8.1584e-02	-8.9411e+03	-5.0828e+04
2479	19	7.0480e+03	-1.7945e+02	-2.4994e+01	-8.1584e-02	1.2955e+03	-2.5733e+04
	53	-6.0962e+03	1.7945e+02	2.4994e+01	8.1584e-02	9.2772e+03	-5.0172e+04
2480	8	4.6168e+03	2.7186e+02	-2.7475e+01	-8.1584e-02	2.1367e+03	1.7938e+04
	43	-3.6651e+03	-2.7186e+02	2.7475e+01	8.1584e-02	9.4853e+03	9.7060e+04
2481	9	4.6401e+03	2.7849e+02	2.4870e+01	-8.1584e-02	-1.6885e+03	1.8934e+04
	44	-3.6884e+03	-2.7849e+02	-2.4870e+01	8.1584e-02	-8.8315e+03	9.8866e+04
2482	10	5.1824e+03	3.3032e+02	-3.1296e+00	-8.1584e-02	4.1561e+02	2.7407e+04
	45	-4.2307e+03	-3.3032e+02	3.1296e+00	8.1584e-02	9.0823e+02	1.1232e+05
2483	11	3.3533e+03	1.6836e+02	-1.7407e+01	-8.1584e-02	-4.9981e+03	9.5669e+03
	46	-2.4015e+03	-1.6836e+02	1.7407e+01	8.1584e-02	1.2361e+04	6.1650e+04
2484	31	3.5268e+03	-8.8508e+01	2.6485e+01	-8.1584e-02	-2.1894e+03	-7.5126e+03
	64	-2.5751e+03	8.8508e+01	-2.6485e+01	8.1584e-02	-9.0136e+03	-2.9926e+04
2485	30	3.5131e+03	-8.5904e+01	-2.8717e+01	-8.1584e-02	2.5574e+03	-7.0729e+03
	63	-2.5614e+03	8.5904e+01	2.8717e+01	8.1584e-02	9.5898e+03	-2.9265e+04
2486	18	7.6188e+03	-1.9225e+02	1.9810e+01	-8.1584e-02	-1.8623e+03	-2.7567e+04
	52	-6.6671e+03	1.9225e+02	-1.9810e+01	8.1584e-02	-6.5173e+03	-5.3753e+04
2487	6	4.2461e+03	2.2796e+02	-4.0349e-02	-8.1584e-02	9.9476e+00	1.2211e+04
	41	-3.2944e+03	-2.2796e+02	4.0349e-02	8.1584e-02	7.1202e+00	8.4215e+04
2488	29	3.7750e+03	-9.9375e+01	2.1160e+01	-8.1584e-02	-2.4145e+03	-9.3151e+03
	62	-2.8232e+03	9.9375e+01	-2.1160e+01	8.1584e-02	-6.5361e+03	-3.2721e+04
2489	17	6.3234e+03	-1.6351e+02	-3.4743e-02	-8.1584e-02	8.5747e+00	-2.3587e+04
	51	-5.3716e+03	1.6351e+02	3.4743e-02	8.1584e-02	6.1216e+00	-4.5577e+04
2490	7	4.9698e+03	3.0574e+02	1.9470e+01	-8.1584e-02	-1.9077e+03	2.2983e+04
	42	-4.0181e+03	-3.0574e+02	-1.9470e+01	8.1584e-02	-6.3280e+03	1.0635e+05
2491	5	4.9711e+03	3.0573e+02	-1.9530e+01	-8.1584e-02	1.9231e+03	2.2980e+04

	40	-4.0193e+03	-3.0573e+02	1.9530e+01	8.1584e-02	6.3383e+03	1.0634e+05
2492	28	3.2794e+03	-8.1476e+01	-3.9076e-02	-8.1584e-02	9.8895e+00	-8.1761e+03
	61	-2.3277e+03	8.1476e+01	3.9076e-02	8.1584e-02	6.6399e+00	-2.6288e+04
2493	16	7.6188e+03	-1.9225e+02	-1.9874e+01	-8.1584e-02	1.8786e+03	-2.7567e+04
	50	-6.6671e+03	1.9225e+02	1.9874e+01	8.1584e-02	6.5282e+03	-5.3753e+04
2494	27	3.7758e+03	-9.9370e+01	-2.1224e+01	-8.1584e-02	2.4312e+03	-9.3140e+03
	60	-2.8240e+03	9.9370e+01	2.1224e+01	8.1584e-02	6.5464e+03	-3.2719e+04
2495	4	4.6145e+03	2.7187e+02	2.7387e+01	-8.1584e-02	-2.1152e+03	1.7938e+04
	39	-3.6627e+03	-2.7187e+02	-2.7387e+01	8.1584e-02	-9.4693e+03	9.7061e+04
2496	15	7.0480e+03	-1.7945e+02	2.4924e+01	-8.1584e-02	-1.2781e+03	-2.5735e+04
	49	-6.0962e+03	1.7945e+02	-2.4924e+01	8.1584e-02	-9.2647e+03	-5.0174e+04
2497	26	3.5117e+03	-8.5921e+01	2.8640e+01	-8.1584e-02	-2.5381e+03	-7.0767e+03
	59	-2.5600e+03	8.5921e+01	-2.8640e+01	8.1584e-02	-9.5767e+03	-2.9268e+04
2498	3	4.6433e+03	2.7846e+02	-2.4959e+01	-8.1584e-02	1.7098e+03	1.8927e+04
	38	-3.6916e+03	-2.7846e+02	2.4959e+01	8.1584e-02	8.8476e+03	9.8860e+04
2499	14	7.1202e+03	-1.8177e+02	-2.4165e+01	-8.1584e-02	1.2686e+03	-2.6056e+04
	48	-6.1684e+03	1.8177e+02	2.4165e+01	8.1584e-02	8.9533e+03	-5.0831e+04
2500	25	3.5283e+03	-8.8518e+01	-2.6543e+01	-8.1584e-02	2.2045e+03	-7.5159e+03
	58	-2.5765e+03	8.8518e+01	2.6543e+01	8.1584e-02	9.0232e+03	-2.9927e+04
2501	2	5.1830e+03	3.3031e+02	3.0646e+00	-8.1584e-02	-3.9927e+02	2.7403e+04
	37	-4.2312e+03	-3.3031e+02	-3.0646e+00	8.1584e-02	-8.9704e+02	1.1232e+05
2502	13	7.9846e+03	-1.9936e+02	3.0674e+00	-8.1584e-02	-3.9413e+02	-2.8607e+04
	47	-7.0328e+03	1.9936e+02	-3.0674e+00	8.1584e-02	-9.0337e+02	-5.5722e+04
2503	24	3.9400e+03	-1.0963e+02	2.8186e+00	-8.1584e-02	-3.3663e+02	-1.1179e+04
	57	-2.9883e+03	1.0963e+02	-2.8186e+00	8.1584e-02	-8.5565e+02	-3.5196e+04
2504	1	3.3547e+03	1.6832e+02	1.7329e+01	-8.1584e-02	5.0204e+03	9.5552e+03
	34	-2.4029e+03	-1.6832e+02	-1.7329e+01	8.1584e-02	-1.2351e+04	6.1644e+04
2505	12	4.8103e+03	-1.3565e+02	3.7439e+00	-8.1584e-02	9.6899e+03	-2.0771e+04
	35	-3.8586e+03	1.3565e+02	-3.7439e+00	8.1584e-02	-1.1274e+04	-3.6610e+04
2506	23	2.6261e+03	-7.4483e+01	2.1304e+01	-8.1584e-02	3.7083e+03	-1.0085e+04
	36	-1.6743e+03	7.4483e+01	-2.1304e+01	8.1584e-02	-1.2720e+04	-2.1421e+04
654	1906	0.0000e+00	-1.5068e+02	0.0000e+00	1.1088e+04	0.0000e+00	3.0159e+03
	1905	0.0000e+00	-5.4877e+02	0.0000e+00	-2.2165e+04	0.0000e+00	-1.0296e+02
655	1907	0.0000e+00	-6.4983e+01	0.0000e+00	3.2573e+03	0.0000e+00	-4.9044e+03
	1906	0.0000e+00	6.0796e+00	0.0000e+00	-1.1088e+04	0.0000e+00	-3.0159e+03
656	1908	0.0000e+00	-5.7484e+01	0.0000e+00	-8.3573e+02	0.0000e+00	-4.1295e+03
	1907	0.0000e+00	-6.3970e+01	0.0000e+00	-3.2573e+03	0.0000e+00	4.9044e+03
657	1909	0.0000e+00	-5.3198e+01	0.0000e+00	-7.8209e+03	0.0000e+00	4.4628e+02
	1908	0.0000e+00	-7.0737e+01	0.0000e+00	8.3573e+02	0.0000e+00	4.1295e+03
658	1910	0.0000e+00	-3.3444e+02	0.0000e+00	-1.5564e+04	0.0000e+00	-2.8300e+04
	1909	0.0000e+00	-7.8591e+01	0.0000e+00	7.8209e+03	0.0000e+00	-4.4628e+02
659	1911	0.0000e+00	-7.8433e+01	0.0000e+00	7.7992e+03	0.0000e+00	4.6287e+02
	1910	0.0000e+00	-3.3443e+02	0.0000e+00	-1.5544e+04	0.0000e+00	2.8300e+04
660	1912	0.0000e+00	-7.0901e+01	0.0000e+00	8.0240e+02	0.0000e+00	-4.1615e+03
	1911	0.0000e+00	-5.3040e+01	0.0000e+00	-7.7992e+03	0.0000e+00	-4.6287e+02
661	1913	0.0000e+00	-6.3222e+01	0.0000e+00	-3.3048e+03	0.0000e+00	-4.7917e+03
	1912	0.0000e+00	-5.7867e+01	0.0000e+00	-8.0240e+02	0.0000e+00	4.1615e+03
662	1914	0.0000e+00	-1.1435e+00	0.0000e+00	-1.1176e+04	0.0000e+00	2.3388e+03
	1913	0.0000e+00	-6.5188e+01	0.0000e+00	3.3048e+03	0.0000e+00	4.7917e+03
663	1915	0.0000e+00	-5.4159e+02	0.0000e+00	-2.2320e+04	0.0000e+00	1.7235e+02
	1914	0.0000e+00	-1.5555e+02	0.0000e+00	1.1176e+04	0.0000e+00	-2.3388e+03
664	1895	0.0000e+00	-6.7581e+02	0.0000e+00	3.1480e+03	0.0000e+00	-3.1965e+04
	1894	0.0000e+00	-9.4419e+02	0.0000e+00	3.0847e+04	0.0000e+00	4.1144e+02
665	1896	0.0000e+00	-5.8335e+02	0.0000e+00	1.8428e+04	0.0000e+00	-3.4988e+04
	1895	0.0000e+00	-4.9461e+02	0.0000e+00	1.5939e+04	0.0000e+00	3.2031e+04

666	1897	0.0000e+00	-5.1033e+02	0.0000e+00	1.1935e+04	0.0000e+00	-3.3961e+04
	1896	0.0000e+00	-5.2255e+02	0.0000e+00	1.0745e+04	0.0000e+00	3.5401e+04
667	1898	0.0000e+00	-5.6536e+02	0.0000e+00	1.5962e+04	0.0000e+00	-3.5174e+04
	1897	0.0000e+00	-5.8671e+02	0.0000e+00	1.8578e+04	0.0000e+00	3.3613e+04
668	1899	0.0000e+00	-5.3869e+02	0.0000e+00	1.5850e+04	0.0000e+00	-3.1190e+04
	1898	0.0000e+00	-5.4850e+02	0.0000e+00	1.2089e+04	0.0000e+00	3.5350e+04
669	1900	0.0000e+00	-5.4738e+02	0.0000e+00	1.2201e+04	0.0000e+00	-3.5225e+04
	1899	0.0000e+00	-5.3872e+02	0.0000e+00	1.5755e+04	0.0000e+00	3.1206e+04
670	1901	0.0000e+00	-5.8838e+02	0.0000e+00	1.8437e+04	0.0000e+00	-3.3816e+04
	1900	0.0000e+00	-5.6456e+02	0.0000e+00	1.6108e+04	0.0000e+00	3.5078e+04
671	1902	0.0000e+00	-5.2040e+02	0.0000e+00	1.1129e+04	0.0000e+00	-3.5194e+04
	1901	0.0000e+00	-5.1224e+02	0.0000e+00	1.1571e+04	0.0000e+00	3.4196e+04
672	1903	0.0000e+00	-4.8998e+02	0.0000e+00	1.5747e+04	0.0000e+00	-3.1617e+04
	1902	0.0000e+00	-5.8092e+02	0.0000e+00	1.8658e+04	0.0000e+00	3.4814e+04
673	1904	0.0000e+00	-9.5203e+02	0.0000e+00	3.0491e+04	0.0000e+00	-4.1380e+02
	1903	0.0000e+00	-6.7419e+02	0.0000e+00	3.4277e+03	0.0000e+00	3.1578e+04

INFORMAZIONI - ANALISI "_198" (Fase 1)

Equazioni.....	7002
Semibanda.....	1905
Numero blocchi.....	1
Zero algoritmico.....	9.3577e-07
Tempo totale analisi (sec).....	0.20
Metodo di combinazione modale....	CQC
Smorzamento predefinito.....	0.05
Fattore Rayleigh masse.....	0.00
Fattore Rayleigh rigidezza.....	1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	55.06	0.00	0.00	SLDh
2	0.00	55.06	0.00	SLDh
3	129.04	0.00	0.00	SLVh
4	0.00	129.04	0.00	SLVh
5	45.54	0.00	0.00	SLOh
6	0.00	45.54	0.00	SLOh

Masse abilitate secondo: " X Y "

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "_198" (Fase 1)

Modo	x	y	z
1	-0.00211	10.14560	0.00000
2	0.00520	-9.59763	0.00000
3	12.92450	0.00087	0.00000
4	-0.00577	-0.38875	0.00000
5	-0.01520	-2.50506	0.00000
6	-5.86396	-0.01550	0.00000
7	-0.57132	0.12186	0.00000
8	-0.11986	0.09287	0.00000

MASSA MODALE RELATIVA - ANALISI "_198" (Fase 1)

Modo	x	y	z	s
1	0.00000	0.50242	0.00000	0.25121
2	0.00000	0.44961	0.00000	0.22481
3	0.81534	0.00000	0.00000	0.40767
4	0.00000	0.00074	0.00000	0.00037
5	0.00000	0.03063	0.00000	0.01532
6	0.16784	0.00000	0.00000	0.08392
7	0.00159	0.00007	0.00000	0.00083
8	0.00007	0.00004	0.00000	0.00006
	0.98485	0.98352	0.00000	0.98418

SMORZAMENTO MODALE - ANALISI "_198" (Fase 1)

Modo Smorzamento

1 0.05000
2 0.05000
3 0.05000
4 0.05000
5 0.05000
6 0.05000
7 0.05000
8 0.05000

SPOSTAMENTI NODALI "Dinamica SLDh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.1770e-02	-2.6875e-05	8.4156e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	6.5928e-03	-2.0396e-06	1.2376e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	7.9448e-03	6.0371e-06	1.3462e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	8.0874e-03	-4.8601e-06	1.3544e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	7.6448e-03	3.1209e-06	1.3096e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	8.1810e-03	1.0579e-07	1.3479e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	7.6366e-03	-3.1179e-06	1.3095e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	8.0730e-03	4.8587e-06	1.3543e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	7.9253e-03	-6.0421e-06	1.3460e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	6.5600e-03	2.0560e-06	1.2373e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	1.1746e-02	2.6903e-05	8.4086e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.4436e-03	1.4302e-06	4.2282e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	2.0502e-03	4.7381e-07	1.0165e-04	0.0000e+00
14	0.0000e+00	0.0000e+00	2.2948e-03	1.8732e-06	1.0368e-04	0.0000e+00
15	0.0000e+00	0.0000e+00	2.2968e-03	-1.7953e-06	1.0365e-04	0.0000e+00
16	0.0000e+00	0.0000e+00	2.1274e-03	6.6230e-07	1.0151e-04	0.0000e+00
17	0.0000e+00	0.0000e+00	2.1411e-03	2.4222e-08	1.0262e-04	0.0000e+00
18	0.0000e+00	0.0000e+00	2.1284e-03	-5.6502e-07	1.0152e-04	0.0000e+00
19	0.0000e+00	0.0000e+00	2.2950e-03	1.8959e-06	1.0367e-04	0.0000e+00
20	0.0000e+00	0.0000e+00	2.2968e-03	-1.7732e-06	1.0370e-04	0.0000e+00
21	0.0000e+00	0.0000e+00	2.0502e-03	-3.7645e-07	1.0168e-04	0.0000e+00
22	0.0000e+00	0.0000e+00	1.4496e-03	-1.6336e-06	4.2290e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.4338e-02	2.7606e-05	1.0092e-04	0.0000e+00
24	0.0000e+00	0.0000e+00	-9.5892e-03	1.3681e-06	1.4633e-04	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.1498e-02	-8.2471e-06	1.6096e-04	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.1591e-02	7.4471e-06	1.6163e-04	0.0000e+00
27	0.0000e+00	0.0000e+00	-1.0294e-02	-1.5161e-06	1.5171e-04	0.0000e+00
28	0.0000e+00	0.0000e+00	-9.9395e-03	1.5526e-08	1.3828e-04	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.0293e-02	1.5373e-06	1.5172e-04	0.0000e+00
30	0.0000e+00	0.0000e+00	-1.1594e-02	-7.4195e-06	1.6166e-04	0.0000e+00
31	0.0000e+00	0.0000e+00	-1.1497e-02	8.2846e-06	1.6098e-04	0.0000e+00
32	0.0000e+00	0.0000e+00	-9.5885e-03	-1.3376e-06	1.4636e-04	0.0000e+00
33	0.0000e+00	0.0000e+00	-1.4339e-02	-2.7552e-05	1.0095e-04	0.0000e+00
34	4.8815e-01	-9.5829e-05	1.2897e-02	5.6288e-06	7.9693e-04	-1.6108e-07
35	4.8815e-01	-1.3651e-04	2.1184e-03	9.1382e-07	3.0560e-04	-1.6108e-07
36	4.8815e-01	-1.7625e-04	-1.6024e-02	-4.3443e-06	6.6805e-04	-1.6108e-07
37	4.8817e-01	-9.5829e-05	7.8294e-03	-1.9627e-06	7.8267e-04	-1.6108e-07
38	4.8819e-01	-9.5829e-05	9.1987e-03	-3.1052e-07	7.8005e-04	-1.6108e-07
39	4.8820e-01	-9.5829e-05	9.3698e-03	1.7526e-06	7.7993e-04	-1.6108e-07
40	4.8822e-01	-9.5829e-05	9.0035e-03	-2.9968e-07	7.8109e-04	-1.6108e-07
41	4.8824e-01	-9.5829e-05	9.5198e-03	1.5459e-07	7.8116e-04	-1.6108e-07
42	4.8826e-01	-9.5829e-05	8.9905e-03	1.0771e-06	7.8115e-04	-1.6108e-07
43	4.8828e-01	-9.5829e-05	9.3509e-03	-1.0882e-06	7.8005e-04	-1.6108e-07
44	4.8829e-01	-9.5829e-05	9.1701e-03	1.0232e-06	7.8022e-04	-1.6108e-07
45	4.8831e-01	-9.5829e-05	7.7788e-03	2.8993e-06	7.8291e-04	-1.6108e-07
46	4.8833e-01	-9.5829e-05	1.2866e-02	-4.4180e-06	7.9723e-04	-1.6108e-07
47	4.8817e-01	-1.3651e-04	2.7181e-03	7.6241e-07	2.8901e-04	-1.6108e-07
48	4.8819e-01	-1.3651e-04	2.9481e-03	-3.5732e-07	2.9334e-04	-1.6108e-07
49	4.8820e-01	-1.3651e-04	2.9502e-03	6.2561e-07	2.9366e-04	-1.6108e-07
50	4.8822e-01	-1.3651e-04	2.7917e-03	1.0568e-07	2.9092e-04	-1.6108e-07
51	4.8824e-01	-1.3651e-04	2.8142e-03	2.2415e-07	2.9019e-04	-1.6108e-07
52	4.8826e-01	-1.3651e-04	2.7931e-03	3.8247e-07	2.9094e-04	-1.6108e-07
53	4.8828e-01	-1.3651e-04	2.9479e-03	-3.2937e-07	2.9371e-04	-1.6108e-07
54	4.8829e-01	-1.3651e-04	2.9511e-03	6.1970e-07	2.9341e-04	-1.6108e-07
55	4.8831e-01	-1.3651e-04	2.7181e-03	-4.0042e-07	2.8909e-04	-1.6108e-07
56	4.8833e-01	-1.3651e-04	2.1258e-03	9.1494e-08	3.0571e-04	-1.6108e-07
57	4.8817e-01	-1.7625e-04	-1.1292e-02	2.5060e-06	6.5288e-04	-1.6108e-07
58	4.8819e-01	-1.7625e-04	-1.3167e-02	1.3988e-06	6.5391e-04	-1.6108e-07
59	4.8820e-01	-1.7625e-04	-1.3261e-02	-8.9088e-07	6.5396e-04	-1.6108e-07
60	4.8822e-01	-1.7625e-04	-1.1983e-02	1.8635e-06	6.5291e-04	-1.6108e-07

61	4.8824e-01	-1.7625e-04	-1.1635e-02	2.7799e-07	6.5473e-04	-1.6108e-07
62	4.8826e-01	-1.7625e-04	-1.1982e-02	-7.4687e-07	6.5296e-04	-1.6108e-07
63	4.8828e-01	-1.7625e-04	-1.3265e-02	1.9049e-06	6.5406e-04	-1.6108e-07
64	4.8829e-01	-1.7625e-04	-1.3165e-02	-2.6922e-07	6.5405e-04	-1.6108e-07
65	4.8831e-01	-1.7625e-04	-1.1288e-02	-1.4251e-06	6.5307e-04	-1.6108e-07
66	4.8833e-01	-1.7625e-04	-1.6027e-02	5.7656e-06	6.6831e-04	-1.6108e-07
67	0.0000e+00	0.0000e+00	1.5091e-02	-2.7508e-05	6.7280e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.1172e-02	-1.7193e-06	9.2454e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.2986e-02	8.6287e-06	1.0251e-04	0.0000e+00
70	0.0000e+00	0.0000e+00	1.3163e-02	-7.2465e-06	1.0341e-04	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2519e-02	4.2132e-06	9.9459e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3220e-02	1.2887e-07	1.0298e-04	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2511e-02	-4.2154e-06	9.9424e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3149e-02	7.2452e-06	1.0334e-04	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2967e-02	-8.6378e-06	1.0243e-04	0.0000e+00
76	0.0000e+00	0.0000e+00	1.1139e-02	1.7313e-06	9.2308e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.5062e-02	2.7546e-05	6.7102e-05	0.0000e+00
1894	0.0000e+00	0.0000e+00	7.1599e-03	3.4203e-05	2.0935e-04	0.0000e+00
1895	0.0000e+00	0.0000e+00	1.8623e-03	7.7863e-08	2.0356e-04	0.0000e+00
1896	0.0000e+00	0.0000e+00	3.3427e-03	-5.3902e-06	2.2260e-04	0.0000e+00
1897	0.0000e+00	0.0000e+00	3.5279e-03	4.3689e-06	2.3470e-04	0.0000e+00
1898	0.0000e+00	0.0000e+00	3.5541e-03	-3.0493e-06	2.5009e-04	0.0000e+00
1899	0.0000e+00	0.0000e+00	3.9521e-03	-8.2017e-08	2.5653e-04	0.0000e+00
1900	0.0000e+00	0.0000e+00	3.5845e-03	3.0587e-06	2.5178e-04	0.0000e+00
1901	0.0000e+00	0.0000e+00	3.5738e-03	-4.5085e-06	2.3799e-04	0.0000e+00
1902	0.0000e+00	0.0000e+00	3.4198e-03	5.4865e-06	2.2731e-04	0.0000e+00
1903	0.0000e+00	0.0000e+00	1.8489e-03	-1.5084e-07	2.0974e-04	0.0000e+00
1904	0.0000e+00	0.0000e+00	7.8767e-03	-3.7976e-05	2.2134e-04	0.0000e+00
1905	0.0000e+00	0.0000e+00	-6.2238e-03	-3.3689e-05	-5.7018e-05	0.0000e+00
1906	0.0000e+00	0.0000e+00	5.0304e-04	-8.4476e-07	-3.5059e-05	0.0000e+00
1907	0.0000e+00	0.0000e+00	6.8016e-04	-1.1782e-06	-2.4838e-05	0.0000e+00
1908	0.0000e+00	0.0000e+00	7.1703e-04	9.7073e-07	-2.3892e-05	0.0000e+00
1909	0.0000e+00	0.0000e+00	7.8872e-04	3.0993e-06	-3.0690e-05	0.0000e+00
1910	0.0000e+00	0.0000e+00	-2.1840e-03	-2.5451e-08	-4.5074e-05	0.0000e+00
1911	0.0000e+00	0.0000e+00	7.9521e-04	-3.0995e-06	-3.0684e-05	0.0000e+00
1912	0.0000e+00	0.0000e+00	7.2167e-04	-9.8221e-07	-2.3875e-05	0.0000e+00
1913	0.0000e+00	0.0000e+00	6.9465e-04	1.1201e-06	-2.4810e-05	0.0000e+00
1914	0.0000e+00	0.0000e+00	5.9248e-04	8.4750e-07	-3.5004e-05	0.0000e+00
1915	0.0000e+00	0.0000e+00	-6.2139e-03	3.3645e-05	-5.6918e-05	0.0000e+00
1916	1.2247e-01	-5.3679e-03	-6.8774e-02	-6.8245e-05	-2.1443e-04	-1.0042e-04
1917	9.0951e-02	-1.0393e-02	-4.7286e-02	8.1460e-05	6.9264e-05	1.3094e-05
1918	8.9564e-02	-7.4815e-03	-3.6930e-02	-4.6873e-05	1.2624e-04	-1.9387e-05
1919	1.0443e-01	-4.1219e-03	-1.5603e-02	-5.2324e-05	-8.4324e-05	-2.5041e-05
1920	8.5681e-02	-5.4678e-03	-2.1683e-02	-5.1683e-05	1.2312e-04	-2.2530e-05
1921	8.0737e-02	-4.8263e-04	1.3441e-02	-1.1067e-05	5.0589e-05	-4.2835e-05
1922	8.5695e-02	-2.9899e-03	-2.7459e-02	-6.5577e-06	-1.6551e-04	-4.0160e-05
1923	9.7064e-02	-6.0405e-03	-4.5458e-02	-3.6339e-05	-1.2213e-04	-7.8646e-05
1924	1.0125e-01	1.1145e-02	-5.3131e-02	-8.4212e-05	7.3055e-05	-9.3511e-05
1925	1.1467e-01	-9.1686e-03	-4.0986e-02	5.0666e-05	1.4532e-04	-1.9790e-05
1926	8.8605e-02	1.0089e-02	-4.0110e-02	-1.1228e-04	3.1135e-04	-4.9200e-05
1927	1.0831e-01	-7.3969e-03	-3.7071e-03	-2.8755e-05	-5.8001e-05	-5.9345e-06
1928	1.1924e-01	-7.3391e-03	5.3634e-03	-3.7267e-05	-7.1520e-05	8.8774e-06
1929	1.3800e-01	-7.9734e-03	5.5455e-03	-2.7467e-05	-7.9167e-05	8.1139e-06
1930	1.4744e-01	-8.2926e-03	5.7355e-03	-2.0424e-05	-8.0374e-05	7.7419e-06
1931	1.6802e-01	-8.6727e-03	5.8541e-03	-5.5312e-06	-7.5674e-05	7.2844e-06
1932	1.6438e-01	-8.8770e-03	4.1734e-03	-1.2363e-05	-6.2434e-05	6.9606e-06
1933	1.6657e-01	-8.9938e-03	5.8195e-03	1.4367e-05	-7.5507e-05	-6.7046e-06
1934	1.4634e-01	-9.0207e-03	5.7123e-03	8.9098e-06	-8.0281e-05	-6.4263e-06
1935	1.3477e-01	-8.9655e-03	5.4812e-03	1.1521e-05	-7.8881e-05	-6.3004e-06
1936	1.1074e-01	-8.7607e-03	5.1102e-03	2.6580e-05	-7.0734e-05	-6.2120e-06
1937	1.0656e-01	8.4464e-03	-3.9195e-03	5.0369e-05	-5.8386e-05	-5.2413e-06
1938	8.8862e-02	1.5295e-03	1.3645e-02	7.5445e-05	-1.2389e-04	2.4202e-05
1939	1.0712e-01	-8.4199e-04	-1.5949e-02	-4.2985e-05	-7.6330e-05	-2.0629e-05
1940	9.1611e-02	2.2273e-04	9.3237e-03	2.1999e-05	-1.4488e-04	3.8496e-05
1941	1.0738e-01	1.6357e-04	1.0952e-02	1.1812e-05	-1.9423e-04	4.2103e-05
1942	1.1446e-01	2.6861e-04	1.1320e-02	8.9520e-06	-2.0862e-04	4.3244e-05
1943	1.2914e-01	4.1536e-04	-1.1491e-02	-3.7527e-06	-2.4737e-04	4.5380e-05
1944	1.2707e-01	5.2914e-04	1.1903e-02	-3.4828e-06	-2.3166e-04	4.6901e-05
1945	1.2797e-01	-6.6762e-04	-1.1441e-02	-3.7920e-06	-2.4466e-04	4.9010e-05
1946	1.1320e-01	-8.5691e-04	1.1270e-02	-1.7469e-06	-2.0547e-04	-5.2940e-05
1947	1.0464e-01	-9.9201e-04	1.0847e-02	-1.0597e-05	-1.8795e-04	-5.6133e-05
1948	9.2885e-02	-1.2331e-03	9.1254e-03	-2.2193e-05	-1.9675e-04	-6.3233e-05

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1954 1.6084e-01 -9.1444e-04 -1.1609e-02 -4.4986e-05 -1.3902e-04 2.5315e-05
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1956 1.4312e-01 -1.0552e-03 -1.3215e-02 -4.7356e-05 -1.2826e-04 -2.3588e-05
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2061 1.2939e-01 8.6090e-04 -1.0556e-02 -1.1184e-05 -8.4191e-05 4.1645e-05
2062 1.4285e-01 -3.3629e-03 -5.1557e-02 1.3545e-05 -4.1935e-04 5.3473e-05
2063 1.7048e-01 7.2913e-03 -9.6684e-02 3.9851e-05 -3.0054e-04 -8.0625e-05
2064 1.8196e-01 1.1580e-02 -1.1667e-01 -8.1187e-05 1.0470e-04 -9.0282e-05
2065 1.2592e-01 1.0405e-02 -7.0744e-02 -1.0906e-04 4.8038e-04 -5.4420e-05
2066 1.5774e-01 1.0897e-02 -9.1710e-02 -1.0928e-04 6.1627e-04 -5.4149e-05
2067 1.6285e-01 -7.1006e-03 -4.0357e-03 -2.0064e-05 -5.5613e-05 -2.1539e-05
2068 1.6471e-01 -7.1351e-03 2.9416e-03 2.2043e-05 -6.7940e-05 -2.0622e-05
2069 1.6340e-01 -2.9492e-03 -9.1038e-03 -3.7007e-05 -6.5803e-05 -2.8802e-05
2070 1.6525e-01 -2.9870e-03 -8.7552e-03 -3.8595e-05 -7.5572e-05 -2.8071e-05
2071 1.5181e-01 -4.8624e-03 -2.9014e-02 -5.9616e-05 -2.1611e-04 2.3281e-05
2072 1.5299e-01 -4.7783e-03 -3.0736e-02 -6.0019e-05 -2.2550e-04 2.3086e-05
2073 1.5986e-01 -1.7961e-04 -1.2281e-02 -4.6591e-05 -1.5458e-04 2.4952e-05
2074 1.6148e-01 -4.1009e-04 -1.2761e-02 -4.8186e-05 -1.6374e-04 2.4291e-05
2075 1.4550e-01 -8.5293e-03 -5.1718e-02 -7.3314e-05 -1.8198e-04 1.4224e-05
2076 1.4639e-01 -8.4260e-03 -5.4338e-02 -7.3362e-05 -1.8574e-04 -1.3996e-05
2077 1.4292e-01 -1.0467e-02 -6.6378e-02 7.5122e-05 -8.1669e-05 -6.1206e-06
2078 1.4373e-01 -1.0179e-02 -6.8947e-02 -7.2443e-05 -7.7234e-05 -6.2710e-06
2079 9.8189e-02 3.7663e-03 -2.4626e-02 5.4387e-05 -1.5402e-04 -2.3555e-05
2080 9.3447e-02 7.8937e-03 -3.8405e-02 7.1665e-05 -1.3223e-04 -3.8672e-06
2081 1.4206e-01 -1.0857e-02 -6.6525e-02 -7.5069e-05 7.6908e-05 -7.3849e-06
2082 1.4287e-01 -1.0837e-02 -6.7747e-02 -7.3743e-05 8.7447e-05 6.3098e-06
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2091 1.4016e-01 -3.2976e-03 -5.0027e-02 -1.8098e-05 -3.9818e-04 5.4991e-05
2092 1.4154e-01 -3.2177e-03 -5.1060e-02 -2.3709e-05 -4.1501e-04 5.7188e-05

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2097 1.0943e-01 -7.1321e-03 1.7744e-03 1.1126e-05 -6.6458e-05 -1.8517e-05
2098 1.0986e-01 -2.7658e-03 -7.5836e-03 3.7793e-05 -5.7750e-05 -2.6535e-05
2099 1.5368e-01 1.0852e-02 -8.7743e-02 -1.0869e-04 5.9418e-04 -5.4276e-05
2100 1.5627e-01 1.0759e-02 -9.0795e-02 -1.0812e-04 6.1016e-04 -5.4286e-05
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2106 1.2712e-01 9.2412e-03 -5.9641e-02 -5.9039e-05 -7.4512e-05 -7.6430e-06
2107 9.1519e-02 8.2590e-03 -4.7590e-02 -5.6602e-05 7.1199e-05 9.6492e-06
2108 1.2631e-01 -1.0742e-02 -5.9252e-02 -7.0686e-05 7.5859e-05 2.1281e-05
2109 1.2429e-01 -9.3211e-03 -4.4908e-02 5.6218e-05 1.5801e-04 -1.9021e-05
2110 1.0818e-01 -8.6668e-04 -1.1568e-02 4.5788e-05 -6.6098e-05 -1.9727e-05
2111 1.1915e-01 5.6452e-03 -2.3298e-02 -2.4808e-05 1.4348e-04 -3.2675e-05
2112 1.1351e-01 -1.1980e-03 1.0485e-02 -1.5010e-05 -6.8130e-05 -4.6720e-05
2113 1.2475e-01 -3.1073e-03 -4.4377e-02 -3.2534e-05 -3.5182e-04 -6.1007e-05
2114 1.4786e-01 -6.5518e-03 -8.2126e-02 -5.1728e-05 -2.5155e-04 -8.8133e-05
2115 1.5736e-01 1.1349e-02 -9.8793e-02 -8.9519e-05 9.2441e-05 -9.8162e-05
2116 1.0409e-01 -9.6510e-04 -1.6329e-02 2.4475e-05 -1.1071e-04 -8.6186e-06
2117 1.3666e-01 1.0570e-02 -7.7480e-02 -1.1144e-04 5.2496e-04 -5.5303e-05
2118 1.3343e-01 -7.1518e-03 -2.6441e-03 1.6802e-05 -7.4601e-05 -1.9231e-05
2119 1.3393e-01 -2.9188e-03 -9.1240e-03 3.9097e-05 -7.3254e-05 -2.6846e-05
2120 1.2452e-01 -4.4572e-03 -2.6069e-02 5.7154e-05 -1.7652e-04 2.3847e-05
2121 1.3109e-01 -7.2239e-04 -1.3754e-02 4.8026e-05 -1.2970e-04 -2.1918e-05
2122 1.1936e-01 -8.1344e-03 -4.3455e-02 -7.1409e-05 -1.4818e-04 -6.4208e-06
2123 1.1725e-01 8.8723e-03 -5.4663e-02 -5.2074e-05 -6.9471e-05 -8.1536e-06
2124 4.8824e-01 -1.2903e-04 0.0000e+00 0.0000e+00 0.0000e+00 -1.6108e-07
2125 1.1651e-01 -1.0659e-02 -5.4156e-02 -6.7417e-05 7.1724e-05 2.3704e-05

SPOSTAMENTI NODALI "Dinamica SLDh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	8.8691e-03	-7.2786e-05	2.3699e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.2353e-03	-1.9969e-05	9.8736e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	1.6725e-03	-2.2420e-05	5.8711e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.4746e-03	-2.3183e-05	-6.4268e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	8.6880e-04	-1.8096e-05	2.4828e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	4.1323e-05	-2.1910e-05	2.7310e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-8.3589e-04	-1.8094e-05	-2.1027e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	1.5358e-03	-2.3107e-05	6.4154e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.6334e-03	-2.2538e-05	-5.5632e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	1.1184e-03	-2.0093e-05	-1.0316e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-9.0236e-03	-7.2859e-05	-2.4549e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	6.0908e-03	-1.1055e-04	-8.9392e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-1.0945e-03	-8.1361e-05	1.0275e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	1.5435e-03	-8.4171e-05	-7.7339e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6274e-03	-8.4192e-05	5.2480e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	7.4731e-04	-8.1517e-05	-2.5927e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.8814e-06	-8.2917e-05	-2.1560e-09	0.0000e+00
18	0.0000e+00	0.0000e+00	-7.4911e-04	-8.1519e-05	2.6029e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	1.6261e-03	-8.4187e-05	-5.2529e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-1.5435e-03	-8.4166e-05	7.7332e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	1.0954e-03	-8.1354e-05	-1.0302e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-6.0978e-03	-1.1060e-04	8.8785e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	9.1386e-03	-7.7624e-05	-1.6598e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.8167e-03	-2.0371e-05	-1.7003e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	2.1113e-03	-2.2953e-05	-1.2861e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.6250e-03	-2.3634e-05	8.4954e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	1.0156e-03	-1.8076e-05	-4.0959e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	1.5758e-06	-2.2131e-05	1.4008e-08	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.0137e-03	-1.8074e-05	4.0984e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	1.6299e-03	-2.3625e-05	-8.5116e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-2.1094e-03	-2.2966e-05	1.2903e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.8526e-03	-2.0404e-05	1.7101e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-9.1695e-03	-7.7764e-05	1.6497e-05	0.0000e+00
34	-6.0762e-02	4.7394e-01	9.8430e-03	-1.1552e-03	-1.0147e-04	-3.1814e-05
35	-6.0762e-02	4.6933e-01	6.7773e-03	-1.1331e-03	-3.9955e-05	-3.1814e-05

36 -6.0762e-02 4.6634e-01 9.7354e-03 -1.1417e-03 -8.0920e-05 -3.1814e-05
37 -4.8036e-02 4.7394e-01 -1.6906e-03 -8.6285e-04 -7.5331e-05 -3.1814e-05
38 -3.4038e-02 4.7394e-01 2.3608e-03 -7.9334e-04 -5.4085e-05 -3.1814e-05
39 -2.5130e-02 4.7394e-01 -2.0395e-03 -7.9372e-04 -3.9592e-05 -3.1814e-05
40 -1.1132e-02 4.7394e-01 1.1434e-03 -8.5866e-04 -1.7845e-05 -3.1814e-05
41 4.9898e-05 4.7394e-01 5.1802e-05 -7.9414e-04 7.7403e-08 -3.1814e-05
42 1.1138e-02 4.7394e-01 -1.1013e-03 -8.5865e-04 1.7842e-05 -3.1814e-05
43 2.5136e-02 4.7394e-01 2.1194e-03 -7.9370e-04 3.9559e-05 -3.1814e-05
44 3.4044e-02 4.7394e-01 -2.3047e-03 -7.9336e-04 5.4022e-05 -3.1814e-05
45 4.8042e-02 4.7394e-01 1.4883e-03 -8.6289e-04 7.5392e-05 -3.1814e-05
46 6.0768e-02 4.7394e-01 -1.0041e-02 -1.1551e-03 1.0161e-04 -3.1814e-05
47 -4.8036e-02 4.6933e-01 -1.3214e-03 -8.4083e-04 -2.8933e-05 -3.1814e-05
48 -3.4038e-02 4.6933e-01 2.1382e-03 -7.7340e-04 -1.9771e-05 -3.1814e-05
49 -2.5130e-02 4.6933e-01 -2.2457e-03 -7.7384e-04 -1.4763e-05 -3.1814e-05
50 -1.1132e-02 4.6933e-01 1.0078e-03 -8.3692e-04 -6.4573e-06 -3.1814e-05
51 4.9898e-05 4.6933e-01 -1.5689e-06 -7.7414e-04 4.6062e-08 -3.1814e-05
52 1.1138e-02 4.6933e-01 -1.0092e-03 -8.3691e-04 6.4118e-06 -3.1814e-05
53 2.5136e-02 4.6933e-01 2.2447e-03 -7.7384e-04 1.4697e-05 -3.1814e-05
54 3.4044e-02 4.6933e-01 -2.1377e-03 -7.7340e-04 1.9714e-05 -3.1814e-05
55 4.8042e-02 4.6933e-01 1.3215e-03 -8.4084e-04 2.9133e-05 -3.1814e-05
56 6.0768e-02 4.6933e-01 -6.7851e-03 -1.1331e-03 3.9902e-05 -3.1814e-05
57 -4.8036e-02 4.6634e-01 -2.3820e-03 -8.5426e-04 -6.6317e-05 -3.1814e-05
58 -3.4038e-02 4.6634e-01 2.7611e-03 -7.8479e-04 -4.6007e-05 -3.1814e-05
59 -2.5130e-02 4.6634e-01 -2.1995e-03 -7.8507e-04 -3.4105e-05 -3.1814e-05
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63 2.5136e-02 4.6634e-01 2.2060e-03 -7.8506e-04 3.4134e-05 -3.1814e-05
64 3.4044e-02 4.6634e-01 -2.7561e-03 -7.8479e-04 4.6042e-05 -3.1814e-05
65 4.8042e-02 4.6634e-01 2.4416e-03 -8.5430e-04 6.6382e-05 -3.1814e-05
66 6.0768e-02 4.6634e-01 -9.7825e-03 -1.1417e-03 8.0611e-05 -3.1814e-05
67 0.0000e+00 0.0000e+00 9.6529e-03 -6.8180e-05 1.7448e-05 0.0000e+00
68 0.0000e+00 0.0000e+00 -1.2473e-03 -1.5414e-05 8.1314e-06 0.0000e+00
69 0.0000e+00 0.0000e+00 1.7499e-03 -1.7266e-05 3.8595e-06 0.0000e+00
70 0.0000e+00 0.0000e+00 -1.6356e-03 -1.8026e-05 -3.6065e-06 0.0000e+00
71 0.0000e+00 0.0000e+00 9.3234e-04 -1.2630e-05 1.6721e-06 0.0000e+00
72 0.0000e+00 0.0000e+00 5.4838e-05 -1.6701e-05 3.4319e-07 0.0000e+00
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74 0.0000e+00 0.0000e+00 1.7039e-03 -1.7945e-05 3.6291e-06 0.0000e+00
75 0.0000e+00 0.0000e+00 -1.6942e-03 -1.7401e-05 -3.6009e-06 0.0000e+00
76 0.0000e+00 0.0000e+00 1.1442e-03 -1.5593e-05 -8.7334e-06 0.0000e+00
77 0.0000e+00 0.0000e+00 -9.8466e-03 -6.8219e-05 -1.8381e-05 0.0000e+00
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1899 0.0000e+00 0.0000e+00 -4.8859e-05 -4.4683e-06 -3.1718e-06 0.0000e+00
1900 0.0000e+00 0.0000e+00 1.7226e-04 -4.6316e-06 -9.3624e-06 0.0000e+00
1901 0.0000e+00 0.0000e+00 -6.4762e-04 -5.2849e-06 -2.2379e-05 0.0000e+00
1902 0.0000e+00 0.0000e+00 9.2132e-04 -4.0629e-06 -2.1874e-05 0.0000e+00
1903 0.0000e+00 0.0000e+00 -2.9411e-03 -4.5146e-06 -1.2591e-05 0.0000e+00
1904 0.0000e+00 0.0000e+00 1.3733e-02 -8.0269e-05 1.2135e-04 0.0000e+00
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1906 0.0000e+00 0.0000e+00 -1.0843e-03 5.1883e-07 -1.5877e-05 0.0000e+00
1907 0.0000e+00 0.0000e+00 -5.9770e-05 -6.6956e-07 -8.1054e-06 0.0000e+00
1908 0.0000e+00 0.0000e+00 3.2445e-05 -6.3314e-08 -5.0842e-06 0.0000e+00
1909 0.0000e+00 0.0000e+00 -1.7556e-05 1.1139e-07 -1.9195e-06 0.0000e+00
1910 0.0000e+00 0.0000e+00 1.9753e-06 -5.1324e-07 -8.1327e-08 0.0000e+00
1911 0.0000e+00 0.0000e+00 1.4875e-05 1.1021e-07 1.8310e-06 0.0000e+00
1912 0.0000e+00 0.0000e+00 -4.1288e-05 -7.6530e-08 4.9230e-06 0.0000e+00
1913 0.0000e+00 0.0000e+00 6.5309e-05 -6.4922e-07 7.8655e-06 0.0000e+00
1914 0.0000e+00 0.0000e+00 1.0601e-03 4.6168e-07 1.5424e-05 0.0000e+00
1915 0.0000e+00 0.0000e+00 4.1242e-03 -2.5100e-05 2.7837e-05 0.0000e+00
1916 6.6993e-02 1.9829e+00 -4.2528e-02 -6.9294e-03 -1.6025e-04 -6.7442e-03
1917 -1.4257e-01 2.0026e+00 -2.1809e-01 -2.1941e-03 2.0950e-04 3.1315e-04
1918 -1.3763e-01 1.9839e+00 -1.7361e-01 -2.3692e-03 5.3377e-04 -4.4191e-04
1919 -9.3506e-02 1.7955e+00 8.0838e-02 8.5388e-04 6.4365e-04 -2.8260e-03
1920 -1.2425e-01 2.0049e+00 -9.9825e-02 -3.6334e-03 6.3793e-04 -1.0295e-03
1921 -1.0826e-01 1.9522e+00 -2.9969e-02 -4.6180e-03 4.2352e-04 -8.3236e-04
1922 -1.1521e-01 1.9206e+00 -3.7946e-02 -4.7682e-03 3.0862e-04 -2.5890e-03
1923 -1.3422e-01 1.9670e+00 7.0210e-02 -7.1276e-03 2.1777e-04 -6.8763e-03

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1925 2.7686e-02 1.9924e+00 -1.2889e-02 -2.4044e-03 2.3241e-05 -4.7215e-04
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1928 1.2231e-01 1.7169e+00 -4.5115e-03 -1.1880e-03 8.0953e-05 -6.7980e-04
1929 -3.1784e-02 1.7275e+00 -1.0268e-03 -1.1300e-03 1.5498e-05 -6.2682e-04
1930 2.3077e-02 1.7324e+00 6.8759e-04 -1.0979e-03 -1.2140e-05 -6.0570e-04
1931 -7.3591e-03 1.7372e+00 -4.2336e-04 -1.0624e-03 7.1630e-06 -5.8815e-04
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1933 7.6304e-03 1.7376e+00 4.2311e-04 -1.0615e-03 -7.2569e-06 -5.8612e-04
1934 -2.3502e-02 1.7333e+00 -6.9295e-04 -1.0952e-03 1.2069e-05 -6.0037e-04
1935 3.1116e-02 1.7288e+00 1.0177e-03 -1.1260e-03 -1.5699e-05 -6.1809e-04
1936 -1.1982e-01 1.7188e+00 1.7604e-03 -1.1812e-03 -3.6121e-05 -6.6291e-04
1937 1.9751e-01 1.7069e+00 -4.6293e-03 -1.2602e-03 -7.0447e-05 -7.3781e-04
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1944 -1.4024e-03 1.8857e+00 9.6710e-05 -3.9748e-03 2.6217e-06 -1.2388e-03
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2082 -6.6896e-03 2.0085e+00 -2.8150e-03 -2.3041e-03 1.5222e-06 -7.7322e-05
2083 -1.5321e-03 2.0015e+00 6.0241e-04 -2.5395e-03 -2.4518e-06 -4.9023e-04
2084 -6.8535e-03 1.9994e+00 -2.8875e-03 -2.5045e-03 4.3001e-06 -4.8455e-04
2085 4.6444e-02 1.9481e+00 2.2504e-02 -4.3710e-03 -4.6100e-04 -8.4530e-04
2086 5.2438e-02 1.9216e+00 -1.9702e-02 -4.3982e-03 -2.5235e-04 -2.6093e-03
2087 -1.4834e-03 2.0045e+00 3.4706e-04 -3.6147e-03 -2.1339e-06 -8.8243e-04
2088 -6.5730e-03 2.0044e+00 -1.9841e-03 -3.6032e-03 7.1367e-06 -9.0134e-04
2089 -1.4113e-03 1.9230e+00 1.1276e-04 -4.0367e-03 -1.5690e-06 -7.3603e-04
2090 -6.1782e-03 1.9245e+00 -1.2463e-03 -4.0504e-03 3.0233e-06 -7.3968e-04
2091 -1.5365e-03 1.9241e+00 5.2696e-04 -3.7964e-03 4.0097e-06 -2.8126e-03
2092 -6.7051e-03 1.9239e+00 -2.4966e-03 -3.8222e-03 1.7928e-05 -2.7992e-03
2093 -1.7777e-03 2.0228e+00 9.3796e-04 -6.6215e-03 2.6595e-06 -6.5551e-03
2094 -7.8001e-03 2.0207e+00 4.2854e-03 -6.6340e-03 1.2652e-05 -6.5614e-03
2095 -1.8705e-03 2.1818e+00 1.1148e-03 -1.1289e-02 -1.1572e-06 -8.4202e-03
2096 -8.2382e-03 2.1814e+00 5.1040e-03 -1.1294e-02 5.6165e-06 -8.4576e-03
2097 -1.2200e-01 1.7902e+00 -4.5307e-03 -6.4730e-04 -3.2065e-05 4.7169e-04
2098 -1.2452e-01 1.7011e+00 -1.0299e-02 2.2913e-03 1.2773e-04 9.5342e-04
2099 -1.6279e-03 1.8626e+00 8.7033e-04 -1.5864e-02 -6.0360e-06 -5.4331e-03
2100 -7.1341e-03 1.8645e+00 3.9932e-03 -1.5891e-02 -2.7692e-05 -5.4728e-03
2101 -2.3450e-02 1.7893e+00 3.4636e-04 -6.1666e-04 1.2055e-05 4.5247e-04
2102 -2.3499e-02 1.6816e+00 1.4452e-03 2.3892e-03 1.1652e-05 8.9417e-04
2103 -2.2271e-02 1.7824e+00 4.0100e-03 8.6882e-04 2.5656e-05 -2.7973e-03
2104 -2.3132e-02 1.5533e+00 2.3154e-03 3.4340e-03 1.8364e-05 -2.4525e-03
2105 -2.1557e-02 1.9572e+00 6.5547e-03 -1.7662e-03 2.4003e-05 -1.0983e-03
2106 -2.1250e-02 1.9949e+00 8.6600e-03 -2.0661e-03 -1.3757e-05 3.6484e-04
2107 -1.4388e-01 1.9706e+00 -2.1731e-01 -1.4022e-03 -2.5254e-04 3.9314e-04
2108 -2.1446e-02 2.0072e+00 9.1484e-03 -2.2913e-03 -1.9589e-06 -5.4101e-05
2109 -2.1618e-02 1.9954e+00 8.8424e-03 -2.4460e-03 -1.8787e-05 -4.7808e-04
2110 -1.1549e-01 1.5572e+00 1.1008e-02 3.6135e-03 4.5474e-04 -2.4614e-03
2111 -2.0529e-02 2.0045e+00 5.1128e-03 -3.5838e-03 -2.7581e-05 -9.3955e-04
2112 -1.9044e-02 1.9296e+00 2.3019e-03 -4.1200e-03 -9.3473e-06 -7.5712e-04
2113 -2.1077e-02 1.9232e+00 7.7023e-03 -3.9429e-03 -6.7322e-05 -2.7564e-03
2114 -2.5323e-02 2.0124e+00 1.4784e-02 -6.6954e-03 -4.8850e-05 -6.5980e-03
2115 2.7197e-02 2.1804e+00 1.8198e-02 -1.1331e-02 -1.5321e-05 -8.6086e-03
2116 1.9448e-01 1.5587e+00 -1.3545e-02 3.7128e-03 -4.9449e-04 -2.6761e-03
2117 2.3436e-02 1.8710e+00 1.4465e-02 -1.5993e-02 -9.7335e-05 -5.6140e-03
2118 3.0538e-02 1.7897e+00 -2.9418e-04 -6.2340e-04 -1.5074e-05 4.5320e-04
2119 3.0145e-02 1.6875e+00 -1.4965e-03 2.3542e-03 -1.7719e-05 9.1346e-04
2120 2.8107e-02 1.7864e+00 -6.4207e-03 8.6180e-04 -3.5901e-05 -2.8029e-03
2121 2.9350e-02 1.5547e+00 -3.1219e-03 3.4807e-03 -2.8417e-05 -2.4528e-03
2122 2.7154e-02 1.9573e+00 -1.0158e-02 -1.7371e-03 3.1157e-05 -1.0322e-03
2123 2.6774e-02 1.9882e+00 -1.2870e-02 -1.9516e-03 1.5424e-05 3.6628e-04
2124 4.9898e-05 4.6998e-01 0.0000e+00 0.0000e+00 0.0000e+00 -3.1814e-05
2125 2.7237e-02 2.0060e+00 -1.2931e-02 -2.2803e-03 3.2898e-06 -5.4720e-05

SPOSTAMENTI NODALI "Dinamica SLVh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	2.5757e-02	-5.8855e-05	1.8444e-04	0.0000e+00
2	0.0000e+00	0.0000e+00	1.4403e-02	-4.4745e-06	2.7136e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	1.7338e-02	1.3135e-05	2.9511e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	1.7642e-02	-1.0614e-05	2.9690e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	1.6658e-02	6.7682e-06	2.8703e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	1.7824e-02	2.2277e-07	2.9541e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	1.6641e-02	-6.7589e-06	2.8701e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	1.7613e-02	1.0615e-05	2.9688e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	1.7300e-02	-1.3142e-05	2.9509e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	1.4337e-02	4.5100e-06	2.7130e-04	0.0000e+00

2043 2.5337e-01 1.0617e-02 -4.9045e-02 -7.8994e-05 3.0133e-04 3.8490e-05
2044 2.4155e-01 9.0295e-04 2.2594e-02 2.4779e-05 -1.4828e-04 8.6424e-05
2045 2.6550e-01 7.1727e-03 -9.4501e-02 2.0476e-05 -7.4876e-04 1.0659e-04
2046 3.1461e-01 1.5362e-02 -1.7468e-01 7.5656e-05 -5.3471e-04 1.6629e-04
2047 3.3477e-01 2.4392e-02 -2.1003e-01 1.6624e-04 1.9732e-04 -1.8758e-04
2048 3.0489e-01 2.3711e-02 -1.8998e-01 -1.9485e-04 1.8085e-04 -2.1374e-04
2049 2.9073e-01 2.2902e-02 -1.6467e-01 -2.2500e-04 1.1161e-03 -1.1154e-04
2050 3.4950e-01 -1.4801e-02 6.3336e-03 -2.9822e-05 -1.4879e-04 4.7991e-05
2051 3.5067e-01 -5.9625e-03 -1.9103e-02 -7.1801e-05 -1.6314e-04 -6.2407e-05
2052 3.2468e-01 -1.0315e-02 -6.5616e-02 -1.2205e-04 -4.7835e-04 4.9517e-05
2053 3.4271e-01 -1.2155e-04 -2.7919e-02 -9.1355e-05 -3.4773e-04 5.3439e-05
2054 3.1068e-01 -1.8078e-02 -1.1545e-01 -1.5224e-04 -3.9392e-04 2.0616e-05
2055 3.0504e-01 -2.2469e-02 -1.4630e-01 1.5919e-04 -1.6435e-04 -9.7521e-06
2056 2.2439e-01 3.8157e-03 -2.8537e-02 5.9448e-05 -1.2216e-04 -4.5671e-05
2057 3.0327e-01 -2.2799e-02 -1.4353e-01 -1.5746e-04 1.8703e-04 -4.5472e-05
2058 2.9833e-01 1.7627e-02 -1.0733e-01 -1.1163e-04 3.8691e-04 -3.9984e-05
2059 2.0051e-01 -1.1707e-02 -9.7089e-03 -6.6775e-05 5.2065e-05 -6.8067e-05
2060 2.8576e-01 1.1141e-02 -5.4235e-02 -7.7871e-05 3.4107e-04 5.7676e-05
2061 2.7232e-01 1.7611e-03 2.2664e-02 -2.3454e-05 -1.7768e-04 8.7568e-05
2062 3.0063e-01 -7.0567e-03 -1.0861e-01 2.8370e-05 -8.8211e-04 1.1246e-04
2063 3.5872e-01 1.5330e-02 -2.0346e-01 8.3779e-05 -6.3219e-04 -1.6961e-04
2064 3.8285e-01 2.4358e-02 -2.4548e-01 -1.7077e-04 2.2084e-04 -1.8996e-04
2065 2.6497e-01 2.1885e-02 -1.4884e-01 -2.2942e-04 1.0108e-03 -1.1449e-04
2066 3.3188e-01 2.2925e-02 -1.9294e-01 -2.2992e-04 1.2966e-03 -1.1396e-04
2067 3.4259e-01 -1.4902e-02 -8.7603e-03 -4.2186e-05 -1.2171e-04 -4.5310e-05
2068 3.4649e-01 -1.4976e-02 6.3021e-03 4.6372e-05 -1.4871e-04 -4.3369e-05
2069 3.4378e-01 -6.1516e-03 -1.9860e-02 -7.7801e-05 -1.4098e-04 -6.0578e-05
2070 3.4766e-01 -6.2333e-03 -1.9076e-02 -8.1159e-05 -1.6245e-04 -5.9031e-05
2071 3.1943e-01 -1.0222e-02 -6.1477e-02 -1.2542e-04 -4.5461e-04 4.8991e-05
2072 3.2191e-01 -1.0045e-02 -6.5147e-02 -1.2627e-04 -4.7432e-04 4.8578e-05
2073 3.3636e-01 -6.6438e-04 -2.6853e-02 -9.7958e-05 -3.2535e-04 5.2503e-05
2074 3.3977e-01 -1.0202e-03 -2.7897e-02 -1.0133e-04 -3.4480e-04 5.1107e-05
2075 3.0616e-01 -1.7947e-02 -1.0896e-01 -1.5426e-04 -3.8312e-04 2.9913e-05
2076 3.0802e-01 -1.7728e-02 -1.1451e-01 -1.5436e-04 -3.9095e-04 -2.9417e-05
2077 3.0073e-01 -2.2028e-02 -1.3968e-01 1.5809e-04 -1.7320e-04 -1.2823e-05
2078 3.0243e-01 -2.1419e-02 -1.4511e-01 -1.5242e-04 -1.6396e-04 -1.3144e-05
2079 2.0676e-01 7.9031e-03 -5.2743e-02 1.1446e-04 -3.2428e-04 -4.9546e-05
2080 1.9677e-01 1.6603e-02 -8.1227e-02 1.5087e-04 -2.7918e-04 -8.2777e-06
2081 2.9892e-01 -2.2843e-02 -1.3994e-01 -1.5794e-04 1.6359e-04 -1.5541e-05
2082 3.0061e-01 -2.2802e-02 -1.4252e-01 -1.5515e-04 1.8566e-04 1.3266e-05
2083 2.9430e-01 1.8574e-02 -1.0735e-01 -1.2163e-04 3.6523e-04 -3.9783e-05
2084 2.9565e-01 -1.9586e-02 -1.0650e-01 1.2826e-04 3.8429e-04 -3.8643e-05
2085 1.9475e-01 -2.3134e-03 1.5128e-02 -4.4729e-05 -1.6389e-04 -1.1743e-04
2086 2.1639e-01 -6.2506e-03 -7.7823e-02 -1.1693e-04 -6.4717e-04 -1.4809e-04
2087 2.8195e-01 1.1484e-02 -5.6171e-02 -7.6285e-05 3.3668e-04 -6.2621e-05
2088 2.8319e-01 1.1736e-02 -5.3848e-02 -7.0750e-05 3.3876e-04 -6.7767e-05
2089 2.6827e-01 2.1200e-03 2.4296e-02 -1.8235e-05 -1.5534e-04 8.9408e-05
2090 2.6986e-01 2.3473e-03 2.2587e-02 -1.1714e-05 -1.7536e-04 9.1713e-05
2091 2.9497e-01 -6.9188e-03 -1.0540e-01 -3.7990e-05 -8.3756e-04 1.1566e-04
2092 2.9787e-01 -6.7502e-03 -1.0756e-01 -4.9820e-05 -8.7298e-04 1.2028e-04
2093 3.4994e-01 -1.5093e-02 -1.9543e-01 -8.7410e-05 -5.9866e-04 -1.7168e-04
2094 3.5537e-01 -1.4645e-02 -2.0144e-01 -9.4149e-05 -6.2576e-04 -1.7581e-04
2095 3.7260e-01 2.4259e-02 -2.3526e-01 -1.7233e-04 2.1856e-04 -1.9138e-04
2096 3.7925e-01 2.4111e-02 -2.4303e-01 -1.7631e-04 2.1880e-04 -1.9537e-04
2097 2.3021e-01 -1.4972e-02 -3.8241e-03 2.3374e-05 -1.4562e-04 -3.8885e-05
2098 2.3116e-01 -5.7686e-03 -1.6599e-02 7.9507e-05 -1.2584e-04 -5.5768e-05
2099 3.2333e-01 2.2829e-02 -1.8459e-01 -2.2865e-04 1.2501e-03 -1.1422e-04
2100 3.2879e-01 2.2633e-02 -1.9101e-01 -2.2745e-04 1.2837e-03 -1.1423e-04
2101 3.0474e-01 -1.5015e-02 -5.8908e-03 4.3450e-05 -1.6521e-04 -4.1421e-05
2102 3.0584e-01 -6.1991e-03 -2.0213e-02 -8.2712e-05 -1.6408e-04 -5.7282e-05
2103 2.8420e-01 -9.6938e-03 -5.9234e-02 -1.2404e-04 -4.0570e-04 4.9426e-05
2104 2.9929e-01 -1.4020e-03 -3.0462e-02 -1.0227e-04 -2.9735e-04 -4.8370e-05
2105 2.7235e-01 -1.7350e-02 -9.9569e-02 -1.5267e-04 -3.4064e-04 -3.7058e-06
2106 2.6751e-01 1.9438e-02 -1.2558e-01 -1.2411e-04 -1.5854e-04 -1.6051e-05
2107 1.9270e-01 1.7366e-02 -1.0030e-01 -1.1901e-04 1.5284e-04 2.0288e-05
2108 2.6580e-01 -2.2600e-02 -1.2466e-01 -1.4870e-04 1.6196e-04 4.4763e-05
2109 2.6155e-01 -1.9618e-02 -9.4461e-02 1.1836e-04 3.3346e-04 -4.0022e-05
2110 2.2769e-01 -1.9022e-03 -2.5364e-02 9.6322e-05 -1.3960e-04 -4.1491e-05
2111 2.5076e-01 1.1873e-02 -4.9086e-02 -5.2059e-05 3.0264e-04 -6.8780e-05
2112 2.3893e-01 -2.4980e-03 2.2571e-02 -3.1734e-05 -1.4419e-04 -9.8267e-05
2113 2.6258e-01 -6.5169e-03 -9.3543e-02 -6.8418e-05 -7.4005e-04 -1.2834e-04
2114 3.1116e-01 -1.3770e-02 -1.7286e-01 -1.0880e-04 -5.2914e-04 -1.8544e-04

2115	3.3112e-01	2.3869e-02	-2.0787e-01	-1.8833e-04	1.9521e-04	-2.0656e-04
2116	2.1918e-01	-2.1015e-03	-3.5786e-02	5.1649e-05	-2.3320e-04	-1.7920e-05
2117	2.8755e-01	2.2233e-02	-1.6301e-01	-2.3444e-04	1.1046e-03	-1.1637e-04
2118	2.8069e-01	-1.5012e-02	-5.6924e-03	3.5376e-05	-1.6347e-04	-4.0416e-05
2119	2.8178e-01	-6.0915e-03	-1.9941e-02	8.2241e-05	-1.5858e-04	-5.6435e-05
2120	2.6205e-01	-9.3667e-03	-5.5555e-02	1.2025e-04	-3.7130e-04	-5.0178e-05
2121	2.7586e-01	-1.6137e-03	-3.0116e-02	1.0102e-04	-2.7346e-04	-4.6107e-05
2122	2.5120e-01	-1.7112e-02	-9.1739e-02	-1.5024e-04	-3.1206e-04	-1.3660e-05
2123	2.4675e-01	1.8660e-02	-1.1512e-01	-1.0942e-04	-1.4805e-04	-1.7132e-05
2124	1.0711e+00	-2.8303e-04	0.0000e+00	0.0000e+00	0.0000e+00	-3.5354e-07
2125	2.4520e-01	-2.2425e-02	-1.1394e-01	-1.4181e-04	1.5336e-04	4.9863e-05

SPOSTAMENTI NODALI "Dinamica SLVh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.9457e-02	-1.5968e-04	5.1994e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-2.7104e-03	-4.3809e-05	2.1662e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	3.6693e-03	-4.9185e-05	1.2881e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-3.2352e-03	-5.0860e-05	-1.4100e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.9061e-03	-3.9701e-05	5.4473e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	9.0668e-05	-4.8068e-05	5.9923e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.8338e-03	-3.9696e-05	-4.6132e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	3.3693e-03	-5.0693e-05	1.4075e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-3.5836e-03	-4.9444e-05	-1.2206e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	2.4537e-03	-4.4080e-05	-2.2633e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.9796e-02	-1.5984e-04	-5.3857e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.3362e-02	-2.4253e-04	-1.9611e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	-2.4012e-03	-1.7849e-04	2.2542e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	3.3861e-03	-1.8466e-04	-1.6967e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	-3.5704e-03	-1.8470e-04	1.1513e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.6395e-03	-1.7884e-04	-5.6880e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.1282e-06	-1.8191e-04	-4.7881e-09	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.6434e-03	-1.7884e-04	5.7103e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.5675e-03	-1.8469e-04	-1.1524e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-3.3863e-03	-1.8465e-04	1.6965e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	2.4031e-03	-1.7848e-04	-2.2602e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.3378e-02	-2.4264e-04	1.9478e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	2.0049e-02	-1.7029e-04	-3.6414e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.9854e-03	-4.4690e-05	-3.7302e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	4.6319e-03	-5.0356e-05	-2.8215e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.5650e-03	-5.1850e-05	1.8638e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	2.2280e-03	-3.9655e-05	-8.9858e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	3.4640e-06	-4.8552e-05	3.0716e-08	0.0000e+00
29	0.0000e+00	0.0000e+00	-2.2240e-03	-3.9651e-05	8.9913e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	3.5758e-03	-5.1829e-05	-1.8673e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-4.6278e-03	-5.0383e-05	2.8307e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	4.0644e-03	-4.4764e-05	3.7516e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-2.0117e-02	-1.7060e-04	3.6192e-05	0.0000e+00
34	-1.3330e-01	1.0398e+00	2.1594e-02	-2.5344e-03	-2.2260e-04	-6.9795e-05
35	-1.3330e-01	1.0296e+00	1.4868e-02	-2.4859e-03	-8.7656e-05	-6.9795e-05
36	-1.3330e-01	1.0231e+00	2.1358e-02	-2.5048e-03	-1.7753e-04	-6.9795e-05
37	-1.0538e-01	1.0398e+00	-3.7092e-03	-1.8930e-03	-1.6526e-04	-6.9795e-05
38	-7.4675e-02	1.0398e+00	5.1794e-03	-1.7405e-03	-1.1865e-04	-6.9795e-05
39	-5.5132e-02	1.0398e+00	-4.4745e-03	-1.7413e-03	-8.6858e-05	-6.9795e-05
40	-2.4422e-02	1.0398e+00	2.5085e-03	-1.8838e-03	-3.9150e-05	-6.9795e-05
41	1.0947e-04	1.0398e+00	1.1366e-04	-1.7422e-03	1.6981e-07	-6.9795e-05
42	2.4434e-02	1.0398e+00	-2.4161e-03	-1.8837e-03	3.9142e-05	-6.9795e-05
43	5.5144e-02	1.0398e+00	4.6498e-03	-1.7413e-03	8.6787e-05	-6.9795e-05
44	7.4687e-02	1.0398e+00	-5.0563e-03	-1.7405e-03	1.1852e-04	-6.9795e-05
45	1.0540e-01	1.0398e+00	3.2653e-03	-1.8931e-03	1.6540e-04	-6.9795e-05
46	1.3332e-01	1.0398e+00	-2.2029e-02	-2.5341e-03	2.2292e-04	-6.9795e-05
47	-1.0538e-01	1.0296e+00	-2.8988e-03	-1.8446e-03	-6.3475e-05	-6.9795e-05
48	-7.4675e-02	1.0296e+00	4.6909e-03	-1.6967e-03	-4.3374e-05	-6.9795e-05
49	-5.5132e-02	1.0296e+00	-4.9266e-03	-1.6977e-03	-3.2388e-05	-6.9795e-05
50	-2.4422e-02	1.0296e+00	2.2109e-03	-1.8361e-03	-1.4166e-05	-6.9795e-05
51	1.0947e-04	1.0296e+00	-3.4424e-06	-1.6983e-03	1.0106e-07	-6.9795e-05
52	2.4434e-02	1.0296e+00	-2.2141e-03	-1.8361e-03	1.4066e-05	-6.9795e-05
53	5.5144e-02	1.0296e+00	4.9246e-03	-1.6977e-03	3.2244e-05	-6.9795e-05
54	7.4687e-02	1.0296e+00	-4.6898e-03	-1.6967e-03	4.3249e-05	-6.9795e-05
55	1.0540e-01	1.0296e+00	2.8992e-03	-1.8447e-03	6.3913e-05	-6.9795e-05
56	1.3332e-01	1.0296e+00	-1.4886e-02	-2.4858e-03	8.7539e-05	-6.9795e-05
57	-1.0538e-01	1.0231e+00	-5.2256e-03	-1.8741e-03	-1.4549e-04	-6.9795e-05

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1917 -3.1278e-01 4.3934e+00 -4.7843e-01 -4.8135e-03 4.5960e-04 6.8700e-04
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1921 -2.3751e-01 4.2829e+00 -6.5744e-02 -1.0131e-02 9.2904e-04 -1.8260e-03
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1930 5.0637e-02 3.8006e+00 1.5087e-03 -2.4087e-03 -2.6634e-05 -1.3288e-03
1931 -1.6154e-02 3.8111e+00 -9.2893e-04 -2.3307e-03 1.5715e-05 -1.2903e-03
1932 -3.4190e-03 3.8141e+00 7.3053e-06 -2.3089e-03 -5.6875e-08 -1.2793e-03
1933 1.6743e-02 3.8120e+00 9.2829e-04 -2.3287e-03 -1.5921e-05 -1.2859e-03
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2007 -1.5397e-01 4.3637e+00 -3.0797e-01 -5.2836e-03 1.0174e-03 -1.0166e-03
2008 1.5793e-01 4.3240e+00 4.4104e-01 -3.6582e-03 5.0452e-04 7.7876e-04
2009 -1.3276e-01 4.4020e+00 -1.7260e-01 -7.9510e-03 1.1909e-03 -2.2558e-03
2010 -1.1403e-01 4.2725e+00 -4.3149e-02 -9.8197e-03 8.6884e-04 -1.8362e-03
2011 -1.2879e-01 4.2175e+00 5.1085e-02 -9.9124e-03 5.4569e-04 -5.8327e-03
2012 -1.5909e-01 4.3485e+00 1.0101e-01 -1.5380e-02 3.6142e-04 -1.4947e-02
2013 -1.7351e-01 4.7834e+00 1.2714e-01 -2.5381e-02 -9.6257e-05 -2.0215e-02
2014 5.8786e-02 4.2180e+00 -2.4117e-02 -8.9550e-03 1.7615e-04 -5.9511e-03
2015 -1.4754e-01 4.1500e+00 1.0172e-01 -3.5918e-02 -6.8717e-04 -1.3304e-02
2016 -6.8274e-02 3.9271e+00 5.6875e-04 -1.3076e-03 3.2580e-05 1.0629e-03
2017 -6.7242e-02 3.6999e+00 3.0673e-03 5.1825e-03 4.1193e-05 2.0332e-03

2018 -6.2259e-02 3.9215e+00 1.5294e-02 1.8033e-03 9.1262e-05 -6.1127e-03
2019 -6.5267e-02 3.4081e+00 6.9945e-03 7.6639e-03 6.9290e-05 -5.4538e-03
2020 -5.9817e-02 4.2843e+00 2.5102e-02 -3.6287e-03 8.8681e-05 -2.2282e-03
2021 -5.8690e-02 4.3519e+00 3.3487e-02 -4.1794e-03 6.4411e-05 8.2883e-04
2022 1.4057e-01 4.1541e+00 -9.5824e-02 -3.5892e-02 6.3138e-04 -1.3374e-02
2023 -5.6916e-02 4.3976e+00 4.0274e-02 -4.9852e-03 -8.7632e-06 -2.2890e-04
2024 -5.4622e-02 4.3792e+00 3.2685e-02 -5.4600e-03 -8.7873e-05 -1.0764e-03
2025 1.5530e-01 4.3965e+00 4.3421e-01 -4.9444e-03 -4.9889e-04 -5.7263e-04
2026 -5.1264e-02 4.4005e+00 1.9446e-02 -7.9601e-03 -1.0226e-04 -2.0809e-03
2027 -4.6780e-02 4.2447e+00 7.8615e-03 -9.3315e-03 -1.3396e-05 -1.7108e-03
2028 -5.0707e-02 4.2190e+00 2.0644e-02 -9.0957e-03 -1.3742e-04 -6.0055e-03
2029 -5.9793e-02 4.3942e+00 3.6080e-02 -1.4939e-02 -1.0081e-04 -1.4655e-02
2030 -6.3582e-02 4.7848e+00 4.3261e-02 -2.5062e-02 -4.4301e-05 -1.9320e-02
2031 -6.9922e-02 4.3950e+00 4.2993e-02 -1.4847e-02 1.2400e-04 -1.4573e-02
2032 -5.4313e-02 4.1174e+00 3.4001e-02 -3.5347e-02 -2.3474e-04 -1.2597e-02
2033 5.0735e-02 3.9261e+00 -8.1845e-04 -1.3085e-03 -2.6614e-05 1.0393e-03
2034 5.1041e-02 3.6875e+00 -3.2827e-03 5.2499e-03 -2.4738e-05 1.9827e-03
2035 -4.8321e-02 3.9120e+00 -8.5844e-03 1.8441e-03 -6.1954e-05 -6.1091e-03
2036 -5.0302e-02 3.4058e+00 -4.9910e-03 7.5460e-03 -4.1440e-05 -5.4275e-03
2037 -4.6571e-02 4.2868e+00 -1.4808e-02 -3.7528e-03 6.3873e-05 -2.3870e-03
2038 -4.5727e-02 4.3683e+00 -2.0714e-02 -4.4713e-03 4.7923e-05 8.1357e-04
2039 4.4244e-01 3.9272e+00 -1.7867e-02 -1.3622e-03 -1.1558e-04 1.3690e-03
2040 -4.4601e-02 4.4012e+00 -2.5445e-02 -5.0168e-03 5.5832e-06 -1.8759e-04
2041 -4.3158e-02 4.3860e+00 -2.0688e-02 -5.5383e-03 6.1381e-05 -1.0865e-03
2042 1.4447e-01 4.3704e+00 3.3730e-01 -5.3382e-03 -1.0993e-03 -1.0404e-03
2043 -4.0572e-02 4.3996e+00 -1.1130e-02 -7.9602e-03 7.2873e-05 -2.0056e-03
2044 -3.7174e-02 4.2326e+00 -4.5147e-03 -9.1184e-03 1.1135e-05 -1.6631e-03
2045 -4.0994e-02 4.2199e+00 -1.4277e-02 -8.7446e-03 1.3003e-04 -6.0843e-03
2046 -4.9421e-02 4.4143e+00 -2.8314e-02 -1.4751e-02 9.7835e-05 -1.4531e-02
2047 -5.3329e-02 4.7857e+00 3.5364e-02 -2.4927e-02 2.7117e-05 -1.8928e-02
2048 -7.4441e-02 4.7815e+00 5.1535e-02 -2.4960e-02 5.1973e-05 -1.9256e-02
2049 -4.6148e-02 4.1029e+00 2.8293e-02 -3.5093e-02 -1.8907e-04 -1.2281e-02
2050 -1.5443e-02 3.9249e+00 3.4500e-04 -1.3218e-03 1.5359e-05 1.0191e-03
2051 -1.4892e-02 3.6767e+00 1.6573e-03 5.3271e-03 1.5686e-05 1.9307e-03
2052 -1.3596e-02 3.9034e+00 4.9029e-03 1.8923e-03 2.0091e-05 -6.1200e-03
2053 -1.4276e-02 3.4033e+00 3.0688e-03 7.4635e-03 1.8159e-05 -5.4080e-03
2054 -1.3086e-02 4.2901e+00 6.8293e-03 -3.8772e-03 1.8297e-05 -2.5179e-03
2055 -1.2858e-02 4.3837e+00 8.3953e-03 -4.7108e-03 1.3098e-05 7.9811e-04
2056 4.5066e-01 3.7385e+00 -3.3071e-02 5.0315e-03 -3.1055e-04 2.2094e-03
2057 -1.2376e-02 4.4054e+00 9.7563e-03 -5.0499e-03 -3.6564e-06 -1.8657e-04
2058 -1.1749e-02 4.3914e+00 7.7584e-03 -5.5914e-03 -2.0275e-05 -1.0849e-03
2059 1.2145e-01 4.3990e+00 1.9379e-01 -7.7372e-03 -1.3093e-03 -2.1142e-03
2060 -1.1083e-02 4.3984e+00 5.1480e-03 -7.9479e-03 -2.2050e-05 -1.9396e-03
2061 -1.0198e-02 4.2217e+00 3.0288e-03 -8.9181e-03 -6.8459e-06 -1.6250e-03
2062 -1.0751e-02 4.2210e+00 4.3890e-03 -8.4236e-03 -2.2302e-05 -6.1560e-03
2063 -1.2182e-02 4.4329e+00 6.6921e-03 -1.4579e-02 -1.6827e-05 -1.4417e-02
2064 -1.2732e-02 4.7866e+00 7.7531e-03 -2.4806e-02 -1.0143e-05 -1.8571e-02
2065 -6.3356e-02 4.1200e+00 4.0426e-02 -3.5338e-02 -2.7913e-04 -1.2648e-02
2066 -1.1038e-02 4.0896e+00 6.0413e-03 -3.4864e-02 -4.1986e-05 -1.1991e-02
2067 -3.4259e-03 3.9244e+00 -2.1369e-05 -1.3343e-03 -8.1022e-08 1.0082e-03
2068 1.6267e-02 3.9247e+00 -3.7854e-04 -1.3419e-03 -1.5552e-05 9.9978e-04
2069 -3.4378e-03 3.6740e+00 -4.7596e-05 5.3483e-03 6.1112e-07 1.9137e-03
2070 1.5937e-02 3.6774e+00 -1.7336e-03 5.3245e-03 -1.4855e-05 1.9217e-03
2071 -3.2926e-03 3.9008e+00 3.7429e-04 1.9141e-03 3.6429e-06 -6.1285e-03
2072 -1.4907e-02 3.9027e+00 -4.4527e-03 1.9184e-03 -1.6605e-05 -6.1332e-03
2073 -3.3963e-03 3.4028e+00 4.4419e-05 7.4438e-03 2.2360e-06 -5.3979e-03
2074 -1.5494e-02 3.4041e+00 -3.0121e-03 7.4602e-03 -1.5784e-05 -5.3892e-03
2075 -3.2049e-03 4.2919e+00 8.0134e-04 -3.9261e-03 4.3099e-06 -2.5487e-03
2076 -1.4482e-02 4.2932e+00 -5.8668e-03 -3.9274e-03 1.3046e-05 -2.5218e-03
2077 -3.1668e-03 4.3886e+00 1.2402e-03 -4.7680e-03 4.8231e-06 7.9361e-04
2078 -1.4326e-02 4.3872e+00 -6.7282e-03 -4.7232e-03 5.6530e-06 7.9535e-04
2079 3.7447e-01 3.9852e+00 -1.8427e-01 -1.6271e-03 -1.5626e-03 -6.1611e-03
2080 -3.3144e-01 4.2948e+00 -3.6592e-01 -3.0049e-03 -1.3253e-03 -1.5321e-03
2081 -3.2339e-03 4.4067e+00 1.9638e-03 -5.0608e-03 7.1631e-07 -1.8393e-04
2082 -1.4679e-02 4.4063e+00 -6.1771e-03 -5.0548e-03 3.3434e-06 -1.6963e-04
2083 -3.3618e-03 4.3909e+00 1.3216e-03 -5.5713e-03 -5.3791e-06 -1.0755e-03
2084 -1.5038e-02 4.3863e+00 -6.3356e-03 -5.4946e-03 9.4408e-06 -1.0630e-03
2085 1.0189e-01 4.2738e+00 4.9366e-02 -9.5893e-03 -1.0112e-03 -1.8544e-03
2086 1.1503e-01 4.2157e+00 -4.3213e-02 -9.6489e-03 -5.5347e-04 -5.7245e-03
2087 -3.2548e-03 4.3977e+00 7.6141e-04 -7.9302e-03 -4.6815e-06 -1.9359e-03
2088 -1.4423e-02 4.3974e+00 -4.3531e-03 -7.9048e-03 1.5660e-05 -1.9774e-03
2089 -3.0966e-03 4.2188e+00 2.4737e-04 -8.8560e-03 -3.4424e-06 -1.6147e-03

2090 -1.3556e-02 4.2220e+00 -2.7343e-03 -8.8861e-03 6.6347e-06 -1.6227e-03
2091 -3.3715e-03 4.2211e+00 1.1562e-03 -8.3287e-03 8.7983e-06 -6.1704e-03
2092 -1.4713e-02 4.2207e+00 -5.4781e-03 -8.3854e-03 3.9342e-05 -6.1409e-03
2093 -3.9007e-03 4.4377e+00 2.0581e-03 -1.4527e-02 5.8358e-06 -1.4381e-02
2094 -1.7116e-02 4.4331e+00 9.4035e-03 -1.4554e-02 2.7763e-05 -1.4395e-02
2095 -4.1043e-03 4.7865e+00 2.4461e-03 -2.4765e-02 -2.5391e-06 -1.8473e-02
2096 -1.8077e-02 4.7857e+00 1.1200e-02 -2.4778e-02 1.2323e-05 -1.8555e-02
2097 -2.6766e-01 3.9274e+00 -9.9394e-03 -1.4201e-03 -7.0346e-05 1.0348e-03
2098 -2.7317e-01 3.7319e+00 -2.2594e-02 5.0268e-03 2.8022e-04 2.0916e-03
2099 -3.5719e-03 4.0862e+00 1.9097e-03 -3.4802e-02 -1.3244e-05 -1.1919e-02
2100 -1.5654e-02 4.0904e+00 8.7625e-03 -3.4862e-02 -6.0766e-05 -1.2007e-02
2101 -5.1452e-02 3.9255e+00 7.5994e-04 -1.3529e-03 2.6446e-05 9.9262e-04
2102 -5.1559e-02 3.6892e+00 3.1706e-03 5.2415e-03 2.5565e-05 1.9617e-03
2103 -4.8866e-02 3.9104e+00 8.7983e-03 1.9060e-03 5.6297e-05 -6.1369e-03
2104 -5.0754e-02 3.4077e+00 5.0798e-03 7.5337e-03 4.0295e-05 -5.3805e-03
2105 -4.7299e-02 4.2939e+00 1.4382e-02 -3.8748e-03 5.2666e-05 -2.4096e-03
2106 -4.6624e-02 4.3764e+00 1.9002e-02 -4.5328e-03 -3.0184e-05 8.0040e-04
2107 -3.1566e-01 4.3232e+00 -4.7673e-01 -3.0762e-03 -5.5400e-04 8.6249e-04
2108 -4.7055e-02 4.4034e+00 2.0073e-02 -5.0267e-03 -4.3122e-06 -1.1869e-04
2109 -4.7432e-02 4.3776e+00 1.9401e-02 -5.3660e-03 -4.1225e-05 -1.0488e-03
2110 -2.5338e-01 3.4164e+00 2.4149e-02 7.9275e-03 9.9759e-04 -5.3999e-03
2111 -4.5042e-02 4.3976e+00 1.1217e-02 -7.8624e-03 -6.0513e-05 -2.0612e-03
2112 -4.1785e-02 4.2333e+00 5.0501e-03 -9.0387e-03 -2.0510e-05 -1.6609e-03
2113 -4.6245e-02 4.2192e+00 1.6899e-02 -8.6502e-03 -1.4771e-04 -6.0471e-03
2114 -5.5562e-02 4.4148e+00 3.2437e-02 -1.4689e-02 -1.0718e-04 -1.4475e-02
2115 5.9673e-02 4.7834e+00 3.9927e-02 -2.4858e-02 -3.3616e-05 -1.8886e-02
2116 4.2666e-01 3.4195e+00 -2.9715e-02 8.1454e-03 -1.0848e-03 -5.8710e-03
2117 5.1420e-02 4.1047e+00 3.1737e-02 -3.5087e-02 -2.1356e-04 -1.2316e-02
2118 6.7006e-02 3.9262e+00 -6.4556e-04 -1.3676e-03 -3.3070e-05 9.9424e-04
2119 6.6142e-02 3.7021e+00 -3.2833e-03 5.1649e-03 -3.8876e-05 2.0040e-03
2120 6.1671e-02 3.9190e+00 -1.4087e-02 1.8906e-03 -7.8776e-05 -6.1491e-03
2121 6.4398e-02 3.4109e+00 -6.8491e-03 7.6362e-03 -6.2354e-05 -5.3811e-03
2122 5.9580e-02 4.2940e+00 -2.2288e-02 -3.8109e-03 6.8366e-05 -2.2645e-03
2123 5.8745e-02 4.3617e+00 -2.8239e-02 -4.2814e-03 3.3843e-05 8.0356e-04
2124 1.0947e-04 1.0311e+00 0.0000e+00 0.0000e+00 0.0000e+00 -6.9795e-05
2125 5.9762e-02 4.4008e+00 -2.8372e-02 -5.0027e-03 7.2348e-06 -1.2005e-04

SPOSTAMENTI NODALI "Dinamica SLOh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	9.5990e-03	-2.1913e-05	6.8599e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	5.3803e-03	-1.6620e-06	1.0087e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	6.4861e-03	4.9339e-06	1.0972e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	6.6035e-03	-3.9668e-06	1.1040e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	6.2446e-03	2.5536e-06	1.0675e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	6.6829e-03	8.7458e-08	1.0987e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	6.2377e-03	-2.5515e-06	1.0674e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	6.5915e-03	3.9649e-06	1.1038e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	6.4697e-03	-4.9386e-06	1.0971e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	5.3528e-03	1.6753e-06	1.0084e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	9.5793e-03	2.1936e-05	6.8540e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.1763e-03	1.1745e-06	3.4453e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	1.6707e-03	3.8612e-07	8.2830e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	1.8700e-03	1.5264e-06	8.4484e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	1.8716e-03	-1.4630e-06	8.4458e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.7336e-03	5.3969e-07	8.2719e-05	0.0000e+00
17	0.0000e+00	0.0000e+00	1.7448e-03	1.9728e-08	8.3619e-05	0.0000e+00
18	0.0000e+00	0.0000e+00	1.7344e-03	-4.6042e-07	8.2724e-05	0.0000e+00
19	0.0000e+00	0.0000e+00	1.8702e-03	1.5450e-06	8.4472e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	1.8716e-03	-1.4449e-06	8.4501e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	1.6707e-03	-3.0682e-07	8.2854e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	1.1811e-03	-1.3418e-06	3.4460e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.1683e-02	2.2494e-05	8.2231e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-7.8138e-03	1.1150e-06	1.1923e-04	0.0000e+00
25	0.0000e+00	0.0000e+00	-9.3690e-03	-6.7204e-06	1.3116e-04	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.4448e-03	6.0683e-06	1.3171e-04	0.0000e+00
27	0.0000e+00	0.0000e+00	-8.3880e-03	-1.2355e-06	1.2362e-04	0.0000e+00
28	0.0000e+00	0.0000e+00	-8.0994e-03	1.2861e-08	1.1268e-04	0.0000e+00
29	0.0000e+00	0.0000e+00	-8.3875e-03	1.2528e-06	1.2363e-04	0.0000e+00
30	0.0000e+00	0.0000e+00	-9.4479e-03	-6.0459e-06	1.3173e-04	0.0000e+00
31	0.0000e+00	0.0000e+00	-9.3682e-03	6.7511e-06	1.3118e-04	0.0000e+00
32	0.0000e+00	0.0000e+00	-7.8132e-03	-1.0900e-06	1.1926e-04	0.0000e+00

33 0.0000e+00 0.0000e+00 -1.1684e-02 -2.2451e-05 8.2260e-05 0.0000e+00
34 3.9776e-01 -7.8076e-05 1.0520e-02 4.5908e-06 6.4938e-04 -1.3123e-07
35 3.9776e-01 -1.1124e-04 1.7262e-03 7.4683e-07 2.4902e-04 -1.3123e-07
36 3.9776e-01 -1.4362e-04 -1.3057e-02 -3.5400e-06 5.4436e-04 -1.3123e-07
37 3.9778e-01 -7.8076e-05 6.3917e-03 -1.5994e-06 6.3775e-04 -1.3123e-07
38 3.9780e-01 -7.8076e-05 7.5126e-03 -2.5299e-07 6.3562e-04 -1.3123e-07
39 3.9781e-01 -7.8076e-05 7.6538e-03 1.4327e-06 6.3552e-04 -1.3123e-07
40 3.9783e-01 -7.8076e-05 7.3586e-03 -2.4244e-07 6.3647e-04 -1.3123e-07
41 3.9784e-01 -7.8076e-05 7.7804e-03 1.2562e-07 6.3653e-04 -1.3123e-07
42 3.9785e-01 -7.8076e-05 7.3476e-03 8.7788e-07 6.3651e-04 -1.3123e-07
43 3.9787e-01 -7.8076e-05 7.6380e-03 -8.9538e-07 6.3562e-04 -1.3123e-07
44 3.9788e-01 -7.8076e-05 7.4885e-03 8.3360e-07 6.3576e-04 -1.3123e-07
45 3.9790e-01 -7.8076e-05 6.3492e-03 2.3625e-06 6.3795e-04 -1.3123e-07
46 3.9792e-01 -7.8076e-05 1.0494e-02 -3.6053e-06 6.4962e-04 -1.3123e-07
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2036 1.1844e-01 -3.4337e-04 -1.1349e-02 -3.0738e-05 -1.1705e-04 2.1058e-05
2037 1.0781e-01 -7.1099e-03 -3.9106e-02 -5.8302e-05 -1.3356e-04 4.5077e-06
2038 1.0591e-01 -8.7090e-03 -4.9382e-02 5.9745e-05 -6.0359e-05 -4.1577e-06
2039 8.7646e-02 -5.8736e-03 -6.3571e-03 3.0994e-05 -4.6016e-05 -6.4997e-06
2040 1.0533e-01 -8.8832e-03 -4.8785e-02 -6.1583e-05 6.2728e-05 -2.8698e-05
2041 1.0377e-01 5.9186e-03 -3.7105e-02 -2.6897e-05 1.2991e-04 -1.5933e-05
2042 8.1194e-02 -7.0782e-03 -1.3191e-02 -2.6954e-05 6.6166e-05 -1.8703e-05
2043 9.9505e-02 4.1773e-03 -1.9234e-02 -3.1056e-05 1.1798e-04 1.5177e-05
2044 9.4844e-02 4.1002e-04 8.6110e-03 9.7584e-06 -5.7831e-05 3.3985e-05
2045 1.0426e-01 2.8278e-03 -3.7038e-02 7.9307e-06 -2.9427e-04 4.1914e-05
2046 1.2357e-01 6.0414e-03 -6.8595e-02 2.9774e-05 -2.1014e-04 6.5358e-05
2047 1.3151e-01 9.5878e-03 -8.2510e-02 6.5355e-05 7.7159e-05 -7.3715e-05
2048 1.1976e-01 9.3216e-03 -7.4631e-02 -7.6578e-05 7.0656e-05 -8.3981e-05
2049 1.1422e-01 9.0002e-03 -6.4699e-02 -8.8429e-05 4.3847e-04 -4.3821e-05
2050 1.3735e-01 -5.8361e-03 2.4297e-03 -1.1752e-05 -5.5441e-05 1.8858e-05
2051 1.3779e-01 -2.3726e-03 -7.1630e-03 -2.8255e-05 -6.2304e-05 2.4532e-05
2052 1.2755e-01 -4.0571e-03 -2.5532e-02 -4.7969e-05 -1.8800e-04 1.9456e-05
2053 1.3464e-01 -2.5303e-04 -1.0420e-02 -3.5943e-05 -1.3647e-04 2.0996e-05
2054 1.2205e-01 -7.1032e-03 -4.5267e-02 -5.9825e-05 -1.5468e-04 8.0980e-06
2055 1.1984e-01 -8.8252e-03 -5.7455e-02 6.2516e-05 -6.3817e-05 -3.8712e-06
2056 8.8100e-02 1.5363e-03 -1.0619e-02 2.3338e-05 -4.6404e-05 -1.8004e-05
2057 1.1914e-01 -8.9588e-03 -5.6403e-02 -6.1873e-05 7.2616e-05 -1.7868e-05
2058 1.1720e-01 6.9294e-03 -4.2182e-02 -4.3884e-05 1.5167e-04 -1.5704e-05
2059 7.8709e-02 -4.6016e-03 -3.6862e-03 -2.6136e-05 1.9330e-05 -2.6741e-05
2060 1.1225e-01 4.3820e-03 -2.1278e-02 -3.0618e-05 1.3374e-04 2.2684e-05
2061 1.0695e-01 7.1780e-04 -8.6674e-03 -9.2544e-06 -6.9527e-05 3.4432e-05
2062 1.1808e-01 -2.7824e-03 -4.2604e-02 1.1209e-05 -3.4668e-04 4.4211e-05
2063 1.4092e-01 6.0292e-03 -7.9920e-02 3.2953e-05 -2.4846e-04 -6.6658e-05
2064 1.5042e-01 9.5746e-03 -9.6450e-02 -6.7126e-05 8.6478e-05 -7.4643e-05

2065 1.0409e-01 8.6032e-03 -5.8480e-02 -9.0174e-05 3.9709e-04 -4.4996e-05
2066 1.3040e-01 9.0098e-03 -7.5815e-02 -9.0356e-05 5.0945e-04 -4.4770e-05
2067 1.3462e-01 -5.8755e-03 -3.3010e-03 -1.6591e-05 -4.5356e-05 -1.7809e-05
2068 1.3616e-01 -5.9039e-03 2.4170e-03 1.8227e-05 -5.5407e-05 -1.7051e-05
2069 1.3508e-01 -2.4453e-03 -7.4333e-03 -3.0603e-05 -5.4069e-05 -2.3816e-05
2070 1.3661e-01 -2.4763e-03 -7.1518e-03 -3.1915e-05 -6.2026e-05 -2.3211e-05
2071 1.2549e-01 -4.0211e-03 -2.3929e-02 -4.9290e-05 -1.7866e-04 1.9249e-05
2072 1.2646e-01 -3.9516e-03 -2.5346e-02 -4.9624e-05 -1.8642e-04 1.9087e-05
2073 1.3214e-01 -8.4215e-05 -1.0020e-02 -3.8527e-05 -1.2777e-04 2.0630e-05
2074 1.3349e-01 -3.1650e-04 -1.0411e-02 -3.9845e-05 -1.3532e-04 2.0083e-05
2075 1.2027e-01 -7.0518e-03 -4.2734e-02 -6.0615e-05 -1.5041e-04 1.1765e-05
2076 1.2101e-01 -6.9665e-03 -4.4896e-02 -6.0654e-05 -1.5352e-04 -1.1576e-05
2077 1.1814e-01 -8.6536e-03 -5.4868e-02 6.2110e-05 -6.7336e-05 -5.0638e-06
2078 1.1881e-01 -8.4158e-03 -5.6989e-02 -5.9896e-05 -6.3659e-05 -5.1879e-06
2079 8.1147e-02 3.1155e-03 -2.0239e-02 4.4970e-05 -1.2731e-04 -1.9474e-05
2080 7.7227e-02 6.5265e-03 -3.1698e-02 5.9251e-05 -1.0921e-04 -3.1877e-06
2081 1.1743e-01 -8.9760e-03 -5.4997e-02 -6.2063e-05 6.3347e-05 -6.1051e-06
2082 1.1810e-01 -8.9597e-03 -5.6006e-02 -6.0968e-05 7.2073e-05 5.2161e-06
2083 1.1561e-01 7.2998e-03 -4.2188e-02 -4.7796e-05 1.4317e-04 -1.5627e-05
2084 1.1615e-01 -7.6951e-03 -4.1859e-02 5.0373e-05 1.5064e-04 -1.5183e-05
2085 7.6428e-02 -9.1784e-04 5.6432e-03 -1.7496e-05 -6.4013e-05 -4.6147e-05
2086 8.4931e-02 -2.4668e-03 -3.0476e-02 -4.5943e-05 -2.5426e-04 -5.8190e-05
2087 1.1075e-01 4.5160e-03 -2.2026e-02 -2.9996e-05 1.3206e-04 -2.4617e-05
2088 1.1124e-01 4.6142e-03 -2.1126e-02 -2.7828e-05 1.3283e-04 -2.6625e-05
2089 1.0536e-01 8.5213e-04 -9.2891e-03 -7.2307e-06 -6.0789e-05 3.5153e-05
2090 1.0599e-01 9.3756e-04 -8.6360e-03 -4.4590e-06 -6.8614e-05 3.6057e-05
2091 1.1586e-01 -2.7284e-03 -4.1337e-02 -1.4972e-05 -3.2918e-04 4.5466e-05
2092 1.1700e-01 -2.6624e-03 -4.2193e-02 -1.9610e-05 -3.4310e-04 4.7282e-05
2093 1.3747e-01 -5.9364e-03 -7.6763e-02 -3.4378e-05 -2.3528e-04 -6.7467e-05
2094 1.3961e-01 -5.7610e-03 -7.9126e-02 -3.7023e-05 -2.4594e-04 -6.9092e-05
2095 1.4639e-01 9.5360e-03 -9.2436e-02 -6.7740e-05 8.5565e-05 -7.5201e-05
2096 1.4900e-01 9.4782e-03 -9.5488e-02 -6.9301e-05 8.5676e-05 -7.6767e-05
2097 9.0463e-02 -5.9013e-03 1.4548e-03 9.1837e-06 -5.4177e-05 -1.5311e-05
2098 9.0807e-02 -2.2937e-03 -6.1844e-03 3.1254e-05 -4.7168e-05 -2.1942e-05
2099 1.2704e-01 8.9728e-03 -7.2535e-02 -8.9861e-05 4.9119e-04 -4.4875e-05
2100 1.2918e-01 8.8961e-03 -7.5058e-02 -8.9397e-05 5.0440e-04 -4.4884e-05
2101 1.1976e-01 -5.9189e-03 2.2496e-03 1.7073e-05 -6.1473e-05 -1.6292e-05
2102 1.2017e-01 -2.4622e-03 -7.5521e-03 3.2519e-05 -6.2178e-05 -2.2528e-05
2103 1.1164e-01 -3.8143e-03 -2.2921e-02 4.8747e-05 -1.5945e-04 1.9420e-05
2104 1.1758e-01 -4.9339e-04 -1.1348e-02 -4.0208e-05 -1.1656e-04 -1.9009e-05
2105 1.0698e-01 -6.8185e-03 -3.8969e-02 -5.9992e-05 -1.3371e-04 -1.6860e-06
2106 1.0508e-01 7.6403e-03 -4.9290e-02 -4.8817e-05 -6.1368e-05 -6.3214e-06
2107 7.5635e-02 6.8285e-03 -3.9327e-02 -4.6803e-05 5.8472e-05 7.9793e-06
2108 1.0441e-01 -8.8806e-03 -4.8981e-02 -5.8441e-05 6.2405e-05 1.7593e-05
2109 1.0274e-01 -7.7063e-03 -3.7127e-02 4.6478e-05 1.3049e-04 -1.5726e-05
2110 8.9417e-02 -7.0642e-04 -9.4279e-03 3.7864e-05 -5.4535e-05 -1.6310e-05
2111 9.8482e-02 4.6675e-03 -1.9250e-02 -2.0517e-05 1.1851e-04 -2.7017e-05
2112 9.3818e-02 -9.9353e-04 8.6015e-03 -1.2392e-05 -5.6211e-05 -3.8628e-05
2113 1.0311e-01 -2.5711e-03 -3.6661e-02 -2.6908e-05 -2.9085e-04 -5.0440e-05
2114 1.2222e-01 -5.4178e-03 -6.7881e-02 -4.2774e-05 -2.0796e-04 -7.2867e-05
2115 1.3008e-01 9.3835e-03 -8.1666e-02 -7.4016e-05 7.6325e-05 -8.1159e-05
2116 8.6031e-02 -7.8890e-04 -1.3310e-02 2.0247e-05 -9.1498e-05 -7.1329e-06
2117 1.1297e-01 8.7395e-03 -6.4049e-02 -9.2139e-05 4.3395e-04 -4.5726e-05
2118 1.1031e-01 -5.9176e-03 -2.1690e-03 1.3898e-05 -6.0814e-05 -1.5902e-05
2119 1.1071e-01 -2.4199e-03 -7.4448e-03 3.2331e-05 -5.9976e-05 -2.2198e-05
2120 1.0293e-01 -3.6863e-03 -2.1459e-02 4.7256e-05 -1.4594e-04 1.9716e-05
2121 1.0836e-01 -5.8497e-04 -1.1215e-02 3.9713e-05 -1.0715e-04 -1.8122e-05
2122 9.8663e-02 -6.7254e-03 -3.5883e-02 -5.9041e-05 -1.2246e-04 -5.2986e-06
2123 9.6919e-02 7.3353e-03 -4.5173e-02 -4.3060e-05 -5.7186e-05 -6.7433e-06
2124 3.9784e-01 -1.0514e-04 0.0000e+00 0.0000e+00 0.0000e+00 -1.3123e-07
2125 9.6309e-02 -8.8120e-03 -4.4768e-02 -5.5739e-05 5.8974e-05 1.9596e-05

SPOSTAMENTI NODALI "Dinamica SLOh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	7.2269e-03	-5.9309e-05	1.9311e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.0066e-03	-1.6271e-05	8.0453e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	1.3628e-03	-1.8269e-05	4.7838e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.2016e-03	-1.8890e-05	-5.2367e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	7.0794e-04	-1.4746e-05	2.0230e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	3.3670e-05	-1.7854e-05	2.2252e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-6.8112e-04	-1.4744e-05	-1.7134e-06	0.0000e+00

1968 -2.5432e-02 1.4545e+00 9.3418e-05 -7.1504e-04 1.2217e-05 2.9230e-04
1969 1.0087e-01 1.4524e+00 1.4491e-03 -7.5935e-04 5.7827e-05 -3.4403e-04
1970 -1.5425e-01 1.4521e+00 3.7994e-03 -7.8258e-04 3.3722e-05 -3.0248e-04
1971 1.4871e-02 9.1577e-03 1.1310e-02 -8.1303e-05 1.2780e-04 -5.6445e-06
1972 -2.3583e-03 3.0569e-03 -2.4744e-03 -3.6301e-05 -2.3020e-05 -5.5364e-06
1973 -2.7209e-03 2.9915e-03 7.7496e-04 -3.5484e-05 -2.3477e-05 -5.3831e-06
1974 -2.7058e-03 3.0816e-03 -5.4811e-04 -3.6075e-05 -2.3177e-05 -5.3144e-06
1975 -1.0294e-03 2.9913e-03 1.4394e-04 -3.5214e-05 -8.6017e-06 -5.2522e-06
1976 -3.4786e-04 2.9686e-03 -4.1163e-05 -3.4999e-05 -2.9044e-06 -5.2363e-06
1977 -1.3117e-03 2.9909e-03 -2.1416e-04 -3.5227e-05 -1.1009e-05 -5.2540e-06
1978 2.9345e-03 3.1419e-03 5.8902e-04 -3.6605e-05 2.5156e-05 -5.3182e-06
1979 2.8300e-03 2.9665e-03 -9.0413e-04 -3.5341e-05 2.4578e-05 -5.3888e-06
1980 3.0596e-03 3.0727e-03 2.4486e-03 -3.6525e-05 2.8113e-05 -5.5428e-06
1981 -1.5221e-02 8.8353e-03 -1.1221e-02 -7.7977e-05 -1.3060e-04 -5.5565e-06
1982 1.0093e-01 1.5557e+00 -5.4961e-02 -1.3460e-02 4.2775e-04 -5.1614e-03
1983 2.1434e-02 1.6335e+00 -6.4612e-03 -2.9071e-03 2.9466e-05 -7.9012e-04
1984 1.1781e-01 1.7763e+00 -7.1824e-02 -9.3594e-03 -8.0344e-05 -7.5973e-03
1985 1.1082e-01 1.6126e+00 -5.8518e-02 -5.6727e-03 -1.8899e-04 -5.5230e-03
1986 9.2876e-02 1.5660e+00 -2.9166e-02 -3.6351e-03 -2.6234e-04 -2.1258e-03
1987 -1.5567e-01 1.4595e+00 5.8844e-03 -5.5787e-04 3.0506e-05 3.3513e-04
1988 -1.5812e-01 1.3920e+00 1.0816e-02 1.8445e-03 1.0538e-04 7.8034e-04
1989 -1.3356e-01 1.4549e+00 6.4233e-02 7.4698e-04 5.3056e-04 -2.3184e-03
1990 -1.5119e-01 1.2675e+00 1.0327e-02 3.0045e-03 3.7033e-04 -1.9003e-03
1991 -1.2034e-01 1.5879e+00 1.2372e-01 -1.4541e-03 4.6139e-04 -5.8903e-04
1992 1.1549e-01 1.5842e+00 1.6595e-01 -1.1440e-03 2.1638e-04 2.9324e-04
1993 5.9936e-02 1.7746e+00 -4.3546e-02 -9.3589e-03 2.5374e-05 -7.4631e-03
1994 1.1388e-01 1.6294e+00 1.6930e-01 -1.8777e-03 -1.5270e-04 -4.0639e-04
1995 1.0945e-01 1.6250e+00 1.3556e-01 -2.0291e-03 -4.0529e-04 -4.0122e-04
1996 6.3144e-02 1.5950e+00 1.2437e-01 -1.3687e-03 4.4277e-04 -7.0410e-04
1997 9.9178e-02 1.6352e+00 8.0223e-02 -2.8608e-03 -4.9414e-04 -8.0032e-04
1998 8.7130e-02 1.5923e+00 2.4736e-02 -3.5899e-03 -3.4712e-04 -7.5221e-04
1999 1.0237e-01 1.4593e+00 4.0887e-03 -4.9690e-04 4.7196e-05 4.2636e-04
2000 1.0477e-01 1.3849e+00 8.7262e-03 1.8835e-03 -9.6424e-05 7.9281e-04
2001 8.0060e-02 1.4647e+00 -5.8995e-02 -6.4646e-04 -4.8749e-04 -2.2891e-03
2002 9.6711e-02 1.2672e+00 -8.3473e-03 2.9716e-03 -3.4111e-04 -2.0530e-03
2003 -6.6556e-02 1.5896e+00 -1.1561e-01 -1.2593e-03 -4.0781e-04 -6.4134e-04
2004 -6.1883e-02 1.6007e+00 -1.4877e-01 -1.2184e-03 -1.6965e-04 3.2276e-04
2005 1.9860e-02 1.5769e+00 -2.6869e-03 -3.4223e-03 6.4342e-06 -6.3519e-04
2006 -6.0955e-02 1.6310e+00 -1.4697e-01 -1.8368e-03 1.7659e-04 -2.2001e-04
2007 -5.7184e-02 1.6208e+00 -1.1440e-01 -1.9625e-03 3.7792e-04 -3.7759e-04
2008 5.8655e-02 1.6060e+00 1.6382e-01 -1.3588e-03 1.8741e-04 2.8925e-04
2009 -4.9308e-02 1.6350e+00 -6.4116e-02 -2.9532e-03 4.4239e-04 -8.3788e-04
2010 -4.2353e-02 1.5869e+00 -1.6029e-02 -3.6472e-03 3.2279e-04 -6.8205e-04
2011 -4.7839e-02 1.5665e+00 1.8978e-02 -3.6817e-03 2.0275e-04 -2.1664e-03
2012 -5.9095e-02 1.6151e+00 3.7524e-02 -5.7125e-03 1.3425e-04 -5.5518e-03
2013 -6.4451e-02 1.7767e+00 4.7229e-02 -9.4270e-03 -3.5766e-05 -7.5084e-03
2014 2.1831e-02 1.5667e+00 -8.9564e-03 -3.3261e-03 6.5414e-05 -2.2104e-03
2015 -5.4801e-02 1.5414e+00 3.7783e-02 -1.3341e-02 -2.5525e-04 -4.9415e-03
2016 -2.5352e-02 1.4586e+00 2.1111e-04 -4.8568e-04 1.2101e-05 3.9481e-04
2017 -2.4969e-02 1.3742e+00 1.1392e-03 1.9249e-03 1.5299e-05 7.5517e-04
2018 -2.3118e-02 1.4565e+00 5.6796e-03 6.6983e-04 3.3888e-05 -2.2704e-03
2019 -2.4235e-02 1.2658e+00 2.5979e-03 2.8465e-03 2.5729e-05 -2.0257e-03
2020 -2.2212e-02 1.5913e+00 9.3215e-03 -1.3478e-03 3.2932e-05 -8.2761e-04
2021 -2.1793e-02 1.6164e+00 1.2436e-02 -1.5523e-03 2.3923e-05 3.0785e-04
2022 5.2217e-02 1.5429e+00 -3.5597e-02 -1.3331e-02 2.3455e-04 -4.9674e-03
2023 -2.1134e-02 1.6334e+00 1.4957e-02 -1.8516e-03 -3.2443e-06 -8.5018e-05
2024 -2.0282e-02 1.6265e+00 1.2139e-02 -2.0280e-03 -3.2632e-05 -3.9981e-04
2025 5.7678e-02 1.6329e+00 1.6128e-01 -1.8365e-03 -1.8530e-04 -2.1269e-04
2026 -1.9035e-02 1.6345e+00 7.2220e-03 -2.9566e-03 -3.7977e-05 -7.7291e-04
2027 -1.7370e-02 1.5766e+00 2.9198e-03 -3.4659e-03 -4.9692e-06 -6.3546e-04
2028 -1.8827e-02 1.5670e+00 7.6655e-03 -3.3783e-03 -5.1021e-05 -2.2306e-03
2029 -2.2201e-02 1.6321e+00 1.3397e-02 -5.5488e-03 -3.7429e-05 -5.4433e-03
2030 -2.3608e-02 1.7772e+00 1.6063e-02 -9.3086e-03 -1.6451e-05 -7.1757e-03
2031 -2.5966e-02 1.6324e+00 1.5966e-02 -5.5146e-03 4.6048e-05 -5.4127e-03
2032 -2.0166e-02 1.5293e+00 1.2625e-02 -1.3129e-02 -8.7162e-05 -4.6788e-03
2033 1.8839e-02 1.4582e+00 -3.0393e-04 -4.8601e-04 -9.8848e-06 3.8603e-04
2034 1.8953e-02 1.3696e+00 -1.2192e-03 1.9499e-03 -9.1873e-06 7.3642e-04
2035 -1.7943e-02 1.4530e+00 -3.1876e-03 6.8497e-04 -2.3004e-05 -2.2690e-03
2036 -1.8678e-02 1.2650e+00 -1.8537e-03 2.8027e-03 -1.5386e-05 -2.0159e-03
2037 -1.7293e-02 1.5922e+00 -5.4984e-03 -1.3939e-03 2.3719e-05 -8.8658e-04
2038 -1.6980e-02 1.6225e+00 -7.6916e-03 -1.6608e-03 1.7799e-05 3.0218e-04
2039 1.6433e-01 1.4586e+00 -6.6362e-03 -5.0597e-04 -4.2930e-05 5.0850e-04

2112	-1.5518e-02	1.5723e+00	1.8757e-03	-3.3572e-03	-7.6162e-06	-6.1694e-04
2113	-1.7174e-02	1.5671e+00	6.2759e-03	-3.2129e-03	-5.4856e-05	-2.2460e-03
2114	-2.0634e-02	1.6398e+00	1.2046e-02	-5.4557e-03	-3.9804e-05	-5.3763e-03
2115	2.2161e-02	1.7767e+00	1.4828e-02	-9.2328e-03	-1.2484e-05	-7.0147e-03
2116	1.5847e-01	1.2701e+00	-1.1037e-02	3.0254e-03	-4.0294e-04	-2.1806e-03
2117	1.9096e-02	1.5246e+00	1.1786e-02	-1.3032e-02	-7.9310e-05	-4.5745e-03
2118	2.4883e-02	1.4583e+00	-2.3969e-04	-5.0797e-04	-1.2283e-05	3.6929e-04
2119	2.4562e-02	1.3751e+00	-1.2194e-03	1.9183e-03	-1.4438e-05	7.4433e-04
2120	2.2902e-02	1.4556e+00	-5.2317e-03	7.0224e-04	-2.9252e-05	-2.2839e-03
2121	2.3914e-02	1.2669e+00	-2.5439e-03	2.8363e-03	-2.3154e-05	-1.9987e-03
2122	2.2125e-02	1.5949e+00	-8.2766e-03	-1.4155e-03	2.5386e-05	-8.4109e-04
2123	2.1815e-02	1.6200e+00	-1.0486e-02	-1.5902e-03	1.2568e-05	2.9846e-04
2124	4.0660e-05	3.8296e-01	0.0000e+00	0.0000e+00	0.0000e+00	-2.5924e-05
2125	2.2193e-02	1.6346e+00	-1.0536e-02	-1.8581e-03	2.6783e-06	-4.4588e-05

SFORZI "Dinamica SLDh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	2.2201e+01	8.1975e-19	-3.4371e-19	1.4917e-01	0.0000e+00	0.0000e+00
	1923	-2.2201e+01	-8.1975e-19	3.4371e-19	-1.4917e-01	0.0000e+00	0.0000e+00
2	1916	6.7597e+01	0.0000e+00	0.0000e+00	-5.5894e-02	0.0000e+00	0.0000e+00
	1921	-6.7597e+01	0.0000e+00	0.0000e+00	5.5894e-02	0.0000e+00	0.0000e+00
3	2085	4.6843e+01	1.4092e-19	-6.1674e-20	-5.5476e-02	0.0000e+00	0.0000e+00
	1918	-4.6843e+01	-1.4092e-19	6.1674e-20	5.5476e-02	0.0000e+00	0.0000e+00
4	2008	7.5273e+01	8.4589e-19	-1.5959e-19	2.2363e-02	0.0000e+00	0.0000e+00
	2079	-7.5273e+01	-8.4589e-19	1.5959e-19	-2.2363e-02	0.0000e+00	0.0000e+00
5	1919	5.2057e+01	1.7505e-19	-1.2973e-19	-2.0337e-02	0.0000e+00	0.0000e+00
	2056	-5.2057e+01	-1.7505e-19	1.2973e-19	2.0337e-02	0.0000e+00	0.0000e+00
6	2098	3.2708e+01	-3.7733e-19	-3.6338e-19	-8.2186e-03	0.0000e+00	0.0000e+00
	1937	-3.2708e+01	3.7733e-19	3.6338e-19	8.2186e-03	0.0000e+00	0.0000e+00
7	2042	2.7312e+00	6.0228e-19	6.6535e-20	3.8765e-02	0.0000e+00	0.0000e+00
	2107	-2.7312e+00	-6.0228e-19	-6.6535e-20	-3.8765e-02	0.0000e+00	0.0000e+00
8	1925	5.4593e+01	-4.0736e-19	-6.5282e-20	4.6820e-02	0.0000e+00	0.0000e+00
	2008	-5.4593e+01	4.0736e-19	6.5282e-20	-4.6820e-02	0.0000e+00	0.0000e+00
9	2109	3.7236e+01	2.4655e-18	-5.8638e-19	7.3906e-02	0.0000e+00	0.0000e+00
	2123	-3.7236e+01	-2.4655e-18	5.8638e-19	-7.3906e-02	0.0000e+00	0.0000e+00
10	2084	6.4424e+01	-4.4723e-19	5.4692e-20	6.3578e-02	0.0000e+00	0.0000e+00
	2106	-6.4424e+01	4.4723e-19	-5.4692e-20	-6.3578e-02	0.0000e+00	0.0000e+00
11	2083	-3.5411e+01	-1.1102e-18	1.4430e-19	6.6498e-02	0.0000e+00	0.0000e+00
	2078	3.5411e+01	1.1102e-18	-1.4430e-19	-6.6498e-02	0.0000e+00	0.0000e+00
12	2058	2.9579e+01	-9.2580e-19	7.3233e-20	6.8001e-02	0.0000e+00	0.0000e+00
	2077	-2.9579e+01	9.2580e-19	-7.3233e-20	-6.8001e-02	0.0000e+00	0.0000e+00
13	2041	-7.2207e+01	4.2659e-19	3.6301e-20	4.8429e-02	0.0000e+00	0.0000e+00
	2055	7.2207e+01	-4.2659e-19	-3.6301e-20	-4.8429e-02	0.0000e+00	0.0000e+00
14	2024	-4.4760e+01	3.3220e-18	-5.6739e-19	5.0206e-02	0.0000e+00	0.0000e+00
	2038	4.4760e+01	-3.3220e-18	5.6739e-19	-5.0206e-02	0.0000e+00	0.0000e+00
15	2007	-6.5491e+01	3.7863e-19	3.5096e-20	3.8744e-02	0.0000e+00	0.0000e+00
	2021	6.5491e+01	-3.7863e-19	-3.5096e-20	-3.8744e-02	0.0000e+00	0.0000e+00
16	1982	-2.1404e+01	-7.0877e-19	5.2140e-19	1.5214e-01	0.0000e+00	0.0000e+00
	2012	2.1404e+01	7.0877e-19	-5.2140e-19	-1.5214e-01	0.0000e+00	0.0000e+00
17	1985	-4.1397e+01	0.0000e+00	0.0000e+00	-1.8531e-02	0.0000e+00	0.0000e+00
	2010	4.1397e+01	0.0000e+00	0.0000e+00	1.8531e-02	0.0000e+00	0.0000e+00
18	1998	-7.7783e+01	9.2563e-20	8.9900e-21	-2.5456e-02	0.0000e+00	0.0000e+00
	2007	7.7783e+01	-9.2563e-20	-8.9900e-21	2.5456e-02	0.0000e+00	0.0000e+00
19	1995	-6.5639e+00	6.7534e-19	-1.7928e-19	4.3141e-02	0.0000e+00	0.0000e+00
	2004	6.5639e+00	-6.7534e-19	1.7928e-19	-4.3141e-02	0.0000e+00	0.0000e+00
20	1992	-5.2688e+01	-1.5193e-19	-1.6803e-19	3.3303e-02	0.0000e+00	0.0000e+00
	2001	5.2688e+01	1.5193e-19	1.6803e-19	-3.3303e-02	0.0000e+00	0.0000e+00
21	1989	-3.3372e+01	2.7057e-19	1.9755e-19	-2.2869e-02	0.0000e+00	0.0000e+00

	2000	3.3372e+01	-2.7057e-19	-1.9755e-19	2.2869e-02	0.0000e+00	0.0000e+00
22	1988	-1.8194e+01	2.4283e-19	1.4735e-19	6.2632e-03	0.0000e+00	0.0000e+00
	1928	1.8194e+01	-2.4283e-19	-1.4735e-19	-6.2632e-03	0.0000e+00	0.0000e+00
643	1905	-6.7972e+01	3.0035e-14	-2.2098e-15	5.2249e+00	0.0000e+00	0.0000e+00
	1960	6.7972e+01	-3.0035e-14	2.2098e-15	-5.2249e+00	0.0000e+00	0.0000e+00
644	1906	-8.3089e+01	3.1016e-14	-2.2177e-15	1.1600e+01	0.0000e+00	0.0000e+00
	1961	8.3089e+01	-3.1016e-14	2.2177e-15	-1.1600e+01	0.0000e+00	0.0000e+00
645	1907	-1.0338e+02	3.7803e-14	-2.2288e-15	1.1920e+01	0.0000e+00	0.0000e+00
	1962	1.0338e+02	-3.7803e-14	2.2288e-15	-1.1920e+01	0.0000e+00	0.0000e+00
646	1908	-1.1246e+02	4.1044e-14	-2.2304e-15	1.2175e+01	0.0000e+00	0.0000e+00
	1963	1.1246e+02	-4.1044e-14	2.2304e-15	-1.2175e+01	0.0000e+00	0.0000e+00
647	1909	-1.3573e+02	4.6662e-14	-2.2237e-15	1.2706e+01	0.0000e+00	0.0000e+00
	1964	1.3573e+02	-4.6662e-14	2.2237e-15	-1.2706e+01	0.0000e+00	0.0000e+00
648	1910	-1.2421e+02	4.6138e-14	-2.2097e-15	1.3240e+01	0.0000e+00	0.0000e+00
	1965	1.2421e+02	-4.6138e-14	2.2097e-15	-1.3240e+01	0.0000e+00	0.0000e+00
649	1911	-1.3697e+02	4.7067e-14	-2.1894e-15	-1.3975e+01	0.0000e+00	0.0000e+00
	1966	1.3697e+02	-4.7067e-14	2.1894e-15	1.3975e+01	0.0000e+00	0.0000e+00
650	1912	-1.1327e+02	4.1350e-14	-2.1560e-15	-1.5148e+01	0.0000e+00	0.0000e+00
	1967	1.1327e+02	-4.1350e-14	2.1560e-15	1.5148e+01	0.0000e+00	0.0000e+00
651	1913	-1.0600e+02	3.8704e-14	-2.1331e-15	-1.6161e+01	0.0000e+00	0.0000e+00
	1968	1.0600e+02	-3.8704e-14	2.1331e-15	1.6161e+01	0.0000e+00	0.0000e+00
652	1914	-1.0132e+02	3.3389e-14	-2.0987e-15	-1.8265e+01	0.0000e+00	0.0000e+00
	1969	1.0132e+02	-3.3389e-14	2.0987e-15	1.8265e+01	0.0000e+00	0.0000e+00
653	1915	-5.9728e+01	3.0585e-14	-2.0747e-15	-1.4066e+01	0.0000e+00	0.0000e+00
	1970	5.9728e+01	-3.0585e-14	2.0747e-15	1.4066e+01	0.0000e+00	0.0000e+00
237	2116	-1.3185e+02	4.5635e+01	-2.8629e+00	-1.0264e+01	1.3245e+02	5.3880e+03
	2079	1.3185e+02	-4.5635e+01	2.8629e+00	1.0264e+01	1.4675e+02	1.6247e+03
238	1959	-1.1042e+02	4.5995e+01	2.6363e+00	-2.1061e+00	9.7928e+01	5.9832e+03
	2116	1.1042e+02	-4.5995e+01	-2.6363e+00	2.1061e+00	-1.3286e+02	-5.3870e+03
239	2110	-1.5355e+02	2.2301e+01	-9.2445e-01	-2.5843e+00	1.3516e+01	3.2329e+03
	1919	1.5355e+02	-2.2301e+01	9.2445e-01	2.5843e+00	7.3269e+01	1.5285e+03
240	1958	-1.1612e+02	1.5137e+01	2.7542e-01	-2.1582e+00	-4.3517e+00	3.4429e+03
	2110	1.1612e+02	-1.5137e+01	-2.7542e-01	2.1582e+00	-1.3090e+01	-3.2414e+03
241	2121	-1.7688e+02	5.3149e+01	-4.9283e-01	-3.0132e+00	-9.7288e+00	6.1676e+03
	2120	1.7688e+02	-5.3149e+01	4.9283e-01	3.0132e+00	4.2941e+01	1.7407e+03
242	1957	-1.3564e+02	4.8617e+01	1.7972e-01	-3.8458e+00	-1.4879e+01	6.8002e+03
	2121	1.3564e+02	-4.8617e+01	-1.7972e-01	3.8458e+00	1.0018e+01	-6.1662e+03
243	2104	-1.9221e+02	5.7910e+01	3.0234e-01	4.0255e+00	-1.2832e+01	6.6736e+03
	2103	1.9221e+02	-5.7910e+01	-3.0234e-01	-4.0255e+00	3.0051e+01	1.7683e+03
244	1956	-1.4737e+02	5.2982e+01	2.3962e-01	-4.3774e+00	-1.5856e+01	7.3679e+03
	2104	1.4737e+02	-5.2982e+01	-2.3962e-01	4.3774e+00	1.2947e+01	-6.6739e+03
245	2074	-2.3643e+02	6.9152e+01	1.5952e-01	4.9268e+00	-1.5240e+01	7.6697e+03
	2072	2.3643e+02	-6.9152e+01	-1.5952e-01	-4.9268e+00	-1.5668e+01	1.6022e+03
246	1955	-1.8114e+02	6.2996e+01	3.5802e-01	4.8839e+00	-1.5717e+01	8.5022e+03
	2074	1.8114e+02	-6.2996e+01	-3.5802e-01	-4.8839e+00	1.5227e+01	-7.6682e+03
247	2073	-2.1103e+02	6.4458e+01	2.3691e-01	5.3215e+00	-1.6346e+01	7.3083e+03
	2071	2.1103e+02	-6.4458e+01	-2.3691e-01	-5.3215e+00	-9.6556e+00	1.4889e+03
248	1954	-1.6176e+02	5.9059e+01	-4.4540e-01	5.0880e+00	-1.5332e+01	8.0932e+03
	2073	1.6176e+02	-5.9059e+01	4.4540e-01	-5.0880e+00	1.6271e+01	-7.3091e+03
249	2053	-2.3867e+02	6.9804e+01	4.1639e-01	5.5487e+00	-2.0617e+01	7.7310e+03
	2052	2.3867e+02	-6.9804e+01	-4.1639e-01	-5.5487e+00	-1.6834e+01	1.6014e+03
250	1953	-1.8285e+02	6.3590e+01	-5.6939e-01	5.1850e+00	-1.7185e+01	8.5715e+03
	2053	1.8285e+02	-6.3590e+01	5.6939e-01	-5.1850e+00	2.0522e+01	-7.7294e+03
251	2036	-1.9398e+02	5.8369e+01	6.4820e-01	5.4766e+00	-3.0258e+01	6.6925e+03
	2035	1.9398e+02	-5.8369e+01	-6.4820e-01	-5.4766e+00	-2.9368e+01	1.7596e+03

252	1952	-1.4874e+02	5.3398e+01	-7.5361e-01	5.1424e+00	-2.3444e+01	7.3926e+03
	2036	1.4874e+02	-5.3398e+01	7.5361e-01	-5.1424e+00	3.0199e+01	-6.6930e+03
253	2019	-1.8167e+02	5.4547e+01	9.1471e-01	4.9655e+00	-4.2060e+01	6.2863e+03
	2018	1.8167e+02	-5.4547e+01	-9.1471e-01	-4.9655e+00	-4.2850e+01	1.7362e+03
254	1951	-1.3932e+02	4.9895e+01	-9.3934e-01	4.9775e+00	-3.2011e+01	6.9379e+03
	2019	1.3932e+02	-4.9895e+01	9.3934e-01	-4.9775e+00	4.2062e+01	-6.2864e+03
255	2002	-1.5552e+02	4.4104e+01	1.4825e+00	1.2025e+00	-7.1009e+01	5.2899e+03
	2001	1.5552e+02	-4.4104e+01	-1.4825e+00	-1.2025e+00	-6.6539e+01	1.5836e+03
256	1950	-1.1297e+02	3.7055e+01	-1.3648e+00	4.3187e+00	-5.3767e+01	5.7765e+03
	2002	1.1297e+02	-3.7055e+01	1.3648e+00	-4.3187e+00	7.1151e+01	-5.2915e+03
257	1990	-9.7866e+01	3.5396e+01	-1.8498e+00	3.1808e+00	-5.9015e+01	4.2567e+03
	1989	9.7866e+01	-3.5396e+01	1.8498e+00	-3.1808e+00	1.2331e+02	1.5827e+03
258	1939	-7.7084e+01	3.3626e+01	7.4977e-01	1.7586e+00	-4.6828e+01	4.6852e+03
	1990	7.7084e+01	-3.3626e+01	-7.4977e-01	-1.7586e+00	5.8903e+01	-4.2590e+03
259	36	6.6267e+01	-1.1704e-13	4.4734e-01	2.5090e-02	-4.4734e+00	0.0000e+00
	1939	-6.6267e+01	1.1704e-13	-4.4734e-01	-2.5090e-02	0.0000e+00	0.0000e+00
260	2110	-5.7624e+00	7.7808e-17	3.9019e-17	-3.2814e+00	0.0000e+00	0.0000e+00
	2116	5.7624e+00	-7.7808e-17	-3.9019e-17	3.2814e+00	0.0000e+00	0.0000e+00
261	2121	-6.5070e+00	7.5953e-18	1.5395e-16	-1.4695e+00	0.0000e+00	0.0000e+00
	2110	6.5070e+00	-7.5953e-18	-1.5395e-16	1.4695e+00	0.0000e+00	0.0000e+00
262	2104	-6.7716e+00	0.0000e+00	0.0000e+00	-8.4148e-01	0.0000e+00	0.0000e+00
	2121	6.7716e+00	0.0000e+00	0.0000e+00	8.4148e-01	0.0000e+00	0.0000e+00
263	2074	-6.8756e+00	5.0659e-18	-3.3935e-17	-1.1348e+00	0.0000e+00	0.0000e+00
	2104	6.8756e+00	-5.0659e-18	3.3935e-17	1.1348e+00	0.0000e+00	0.0000e+00
264	2073	-6.7187e+00	-3.4311e-18	7.3032e-17	6.5346e-01	0.0000e+00	0.0000e+00
	2074	6.7187e+00	3.4311e-18	-7.3032e-17	-6.5346e-01	0.0000e+00	0.0000e+00
265	2053	-6.3829e+00	7.0934e-18	-1.4590e-17	-7.1819e-01	0.0000e+00	0.0000e+00
	2073	6.3829e+00	-7.0934e-18	1.4590e-17	7.1819e-01	0.0000e+00	0.0000e+00
266	2036	-5.7077e+00	-3.7865e-17	-6.9051e-17	1.1725e+00	0.0000e+00	0.0000e+00
	2053	5.7077e+00	3.7865e-17	6.9051e-17	-1.1725e+00	0.0000e+00	0.0000e+00
267	2019	-4.4680e+00	1.5874e-18	-1.9094e-16	6.6248e-01	0.0000e+00	0.0000e+00
	2036	4.4680e+00	-1.5874e-18	1.9094e-16	-6.6248e-01	0.0000e+00	0.0000e+00
268	2002	-2.4349e+00	1.2155e-17	0.0000e+00	1.8488e+00	0.0000e+00	0.0000e+00
	2019	2.4349e+00	-1.2155e-17	0.0000e+00	-1.8488e+00	0.0000e+00	0.0000e+00
269	1990	2.4940e+00	1.5120e-17	-5.1741e-17	3.4550e+00	0.0000e+00	0.0000e+00
	2002	-2.4940e+00	-1.5120e-17	5.1741e-17	-3.4550e+00	0.0000e+00	0.0000e+00
270	77	0.0000e+00	9.8461e+01	0.0000e+00	1.6889e+03	0.0000e+00	1.5486e+04
	1894	0.0000e+00	-9.8461e+01	0.0000e+00	-1.6889e+03	0.0000e+00	2.2528e+04
271	11	0.0000e+00	7.4827e+01	0.0000e+00	2.1084e+02	0.0000e+00	6.8039e+03
	77	0.0000e+00	-7.4827e+01	0.0000e+00	-2.1084e+02	0.0000e+00	-3.6704e+03
272	67	0.0000e+00	1.0155e+02	0.0000e+00	-1.8241e+03	0.0000e+00	1.5566e+04
	1904	0.0000e+00	-1.0155e+02	0.0000e+00	1.8241e+03	0.0000e+00	2.3623e+04
273	1	0.0000e+00	7.4852e+01	0.0000e+00	-2.1624e+02	0.0000e+00	6.8084e+03
	67	0.0000e+00	-7.4852e+01	0.0000e+00	2.1624e+02	0.0000e+00	-3.6917e+03
274	72	0.0000e+00	1.3399e+02	0.0000e+00	-8.0691e+00	0.0000e+00	2.0691e+04
	1899	0.0000e+00	-1.3399e+02	0.0000e+00	8.0691e+00	0.0000e+00	3.0296e+04
275	6	0.0000e+00	2.1625e+02	0.0000e+00	-6.8011e+00	0.0000e+00	1.4236e+04
	72	0.0000e+00	-2.1625e+02	0.0000e+00	6.8011e+00	0.0000e+00	-5.0369e+03
276	76	0.0000e+00	1.1519e+02	0.0000e+00	-6.5746e+01	0.0000e+00	1.8492e+04
	1895	0.0000e+00	-1.1519e+02	0.0000e+00	6.5746e+01	0.0000e+00	2.5179e+04
277	10	0.0000e+00	2.3183e+02	0.0000e+00	-1.0080e+02	0.0000e+00	1.4323e+04
	76	0.0000e+00	-2.3183e+02	0.0000e+00	1.0080e+02	0.0000e+00	-4.4298e+03
278	75	0.0000e+00	1.2290e+02	0.0000e+00	-4.2916e+02	0.0000e+00	2.0270e+04
	1896	0.0000e+00	-1.2290e+02	0.0000e+00	4.2916e+02	0.0000e+00	2.6655e+04
279	9	0.0000e+00	2.2011e+02	0.0000e+00	-7.9512e+02	0.0000e+00	1.4289e+04

	75	0.0000e+00	-2.2011e+02	0.0000e+00	7.9512e+02	0.0000e+00	-4.8223e+03
280	74	0.0000e+00	1.2739e+02	0.0000e+00	-3.3545e+02	0.0000e+00	2.0572e+04
	1897	0.0000e+00	-1.2739e+02	0.0000e+00	3.3545e+02	0.0000e+00	2.8009e+04
281	8	0.0000e+00	2.1953e+02	0.0000e+00	7.2163e+02	0.0000e+00	1.4295e+04
	74	0.0000e+00	-2.1953e+02	0.0000e+00	-7.2163e+02	0.0000e+00	-4.8971e+03
282	73	0.0000e+00	1.3120e+02	0.0000e+00	-2.2994e+02	0.0000e+00	2.0037e+04
	1898	0.0000e+00	-1.3120e+02	0.0000e+00	2.2994e+02	0.0000e+00	2.9764e+04
283	7	0.0000e+00	2.2009e+02	0.0000e+00	-3.4112e+02	0.0000e+00	1.4231e+04
	73	0.0000e+00	-2.2009e+02	0.0000e+00	3.4112e+02	0.0000e+00	-4.8965e+03
284	71	0.0000e+00	1.3180e+02	0.0000e+00	2.2949e+02	0.0000e+00	2.0063e+04
	1900	0.0000e+00	-1.3180e+02	0.0000e+00	-2.2949e+02	0.0000e+00	2.9952e+04
285	5	0.0000e+00	2.2010e+02	0.0000e+00	3.3906e+02	0.0000e+00	1.4230e+04
	71	0.0000e+00	-2.2010e+02	0.0000e+00	-3.3906e+02	0.0000e+00	-4.9029e+03
286	70	0.0000e+00	1.2855e+02	0.0000e+00	3.4114e+02	0.0000e+00	2.0622e+04
	1901	0.0000e+00	-1.2855e+02	0.0000e+00	-3.4114e+02	0.0000e+00	2.8381e+04
287	4	0.0000e+00	2.1953e+02	0.0000e+00	-7.2324e+02	0.0000e+00	1.4295e+04
	70	0.0000e+00	-2.1953e+02	0.0000e+00	7.2324e+02	0.0000e+00	-4.9094e+03
288	69	0.0000e+00	1.2446e+02	0.0000e+00	4.3043e+02	0.0000e+00	2.0328e+04
	1902	0.0000e+00	-1.2446e+02	0.0000e+00	-4.3043e+02	0.0000e+00	2.7171e+04
289	3	0.0000e+00	2.2012e+02	0.0000e+00	7.9279e+02	0.0000e+00	1.4286e+04
	69	0.0000e+00	-2.2012e+02	0.0000e+00	-7.9279e+02	0.0000e+00	-4.8373e+03
290	68	0.0000e+00	1.1752e+02	0.0000e+00	6.5456e+01	0.0000e+00	1.8598e+04
	1903	0.0000e+00	-1.1752e+02	0.0000e+00	-6.5456e+01	0.0000e+00	2.5908e+04
291	2	0.0000e+00	2.3187e+02	0.0000e+00	9.8602e+01	0.0000e+00	1.4319e+04
	68	0.0000e+00	-2.3187e+02	0.0000e+00	-9.8602e+01	0.0000e+00	-4.4570e+03
292	57	7.8704e+01	-1.1699e-13	4.2664e-01	-2.9734e-02	-4.2664e+00	0.0000e+00
	1950	-7.8704e+01	1.1699e-13	-4.2664e-01	2.9734e-02	0.0000e+00	0.0000e+00
293	34	3.6126e+02	2.9129e-14	-3.5503e-01	-2.2548e-02	4.6154e+00	0.0000e+00
	1938	-3.6126e+02	-2.9129e-14	3.5503e-01	2.2548e-02	0.0000e+00	0.0000e+00
294	37	4.6551e+02	2.9032e-14	-8.6431e-02	-3.5946e-02	1.1236e+00	0.0000e+00
	1940	-4.6551e+02	-2.9032e-14	8.6431e-02	3.5946e-02	0.0000e+00	0.0000e+00
295	38	5.3254e+02	2.9209e-14	-5.4178e-02	-3.9322e-02	7.0432e-01	0.0000e+00
	1941	-5.3254e+02	-2.9209e-14	5.4178e-02	3.9322e-02	0.0000e+00	0.0000e+00
296	39	5.7304e+02	2.9293e-14	-2.5598e-02	-4.0389e-02	3.3277e-01	0.0000e+00
	1942	-5.7304e+02	-2.9293e-14	2.5598e-02	4.0389e-02	0.0000e+00	0.0000e+00
297	40	6.6223e+02	2.9470e-14	-4.4527e-02	-4.2387e-02	5.7885e-01	0.0000e+00
	1943	-6.6223e+02	-2.9470e-14	4.4527e-02	4.2387e-02	0.0000e+00	0.0000e+00
298	41	6.4690e+02	2.9441e-14	-8.4844e-02	-4.3810e-02	1.1030e+00	0.0000e+00
	1944	-6.4690e+02	-2.9441e-14	8.4844e-02	4.3810e-02	0.0000e+00	0.0000e+00
299	42	6.5578e+02	2.9456e-14	1.2427e-01	-4.5782e-02	-1.6155e+00	0.0000e+00
	1945	-6.5578e+02	-2.9456e-14	-1.2427e-01	4.5782e-02	0.0000e+00	0.0000e+00
300	43	5.6810e+02	2.9285e-14	1.6130e-01	4.9457e-02	-2.0969e+00	0.0000e+00
	1946	-5.6810e+02	-2.9285e-14	-1.6130e-01	-4.9457e-02	0.0000e+00	0.0000e+00
301	44	5.1811e+02	2.9187e-14	2.0179e-01	5.2442e-02	-2.6233e+00	0.0000e+00
	1947	-5.1811e+02	-2.9187e-14	-2.0179e-01	-5.2442e-02	0.0000e+00	0.0000e+00
302	45	4.3495e+02	2.9061e-14	2.6136e-01	5.9079e-02	-3.3977e+00	0.0000e+00
	1948	-4.3495e+02	-2.9061e-14	-2.6136e-01	-5.9079e-02	0.0000e+00	0.0000e+00
303	46	3.5034e+02	2.9041e-14	2.3602e-01	3.4921e-02	-3.0683e+00	0.0000e+00
	1949	-3.5034e+02	-2.9041e-14	-2.3602e-01	-3.4921e-02	0.0000e+00	0.0000e+00
304	66	8.9806e+01	-1.1685e-13	6.7946e-01	1.6588e-02	-6.7946e+00	0.0000e+00
	1959	-8.9806e+01	1.1685e-13	-6.7946e-01	-1.6588e-02	0.0000e+00	0.0000e+00
305	65	4.0645e+01	-1.1669e-13	6.3623e-01	2.5338e-02	-6.3623e+00	0.0000e+00
	1958	-4.0645e+01	1.1669e-13	-6.3623e-01	-2.5338e-02	0.0000e+00	0.0000e+00
306	64	9.8670e+01	-1.1775e-13	5.9323e-01	2.7552e-02	-5.9323e+00	0.0000e+00
	1957	-9.8670e+01	1.1775e-13	-5.9323e-01	-2.7552e-02	0.0000e+00	0.0000e+00

307	63	1.0740e+02	-1.1838e-13	5.6769e-01	2.8681e-02	-5.6769e+00	0.0000e+00
	1956	-1.0740e+02	1.1838e-13	-5.6769e-01	-2.8681e-02	0.0000e+00	0.0000e+00
308	62	1.2729e+02	-1.1965e-13	5.2404e-01	3.0074e-02	-5.2404e+00	0.0000e+00
	1955	-1.2729e+02	1.1965e-13	-5.2404e-01	-3.0074e-02	0.0000e+00	0.0000e+00
309	61	1.1925e+02	-1.1962e-13	4.9584e-01	-3.0779e-02	-4.9584e+00	0.0000e+00
	1954	-1.1925e+02	1.1962e-13	-4.9584e-01	3.0779e-02	0.0000e+00	0.0000e+00
310	60	1.2844e+02	-1.1974e-13	4.7232e-01	-3.1221e-02	-4.7232e+00	0.0000e+00
	1953	-1.2844e+02	1.1974e-13	-4.7232e-01	3.1221e-02	0.0000e+00	0.0000e+00
311	59	1.0809e+02	-1.1842e-13	4.4700e-01	-3.1210e-02	-4.4700e+00	0.0000e+00
	1952	-1.0809e+02	1.1842e-13	-4.4700e-01	3.1210e-02	0.0000e+00	0.0000e+00
312	58	1.0109e+02	-1.1788e-13	4.3699e-01	-3.0875e-02	-4.3699e+00	0.0000e+00
	1951	-1.0109e+02	1.1788e-13	-4.3699e-01	3.0875e-02	0.0000e+00	0.0000e+00
313	1936	-2.9285e+01	1.2524e-16	4.4891e-17	-7.1656e-01	0.0000e+00	0.0000e+00
	1937	2.9285e+01	-1.2524e-16	-4.4891e-17	7.1656e-01	0.0000e+00	0.0000e+00
314	1935	-2.9969e+01	-1.5067e-18	1.5988e-16	-3.8983e-01	0.0000e+00	0.0000e+00
	1936	2.9969e+01	1.5067e-18	-1.5988e-16	3.8983e-01	0.0000e+00	0.0000e+00
315	1934	-2.9981e+01	0.0000e+00	0.0000e+00	-1.6690e-01	0.0000e+00	0.0000e+00
	1935	2.9981e+01	0.0000e+00	0.0000e+00	1.6690e-01	0.0000e+00	0.0000e+00
316	1933	-2.9465e+01	3.5158e-18	-3.5567e-17	4.9382e-01	0.0000e+00	0.0000e+00
	1934	2.9465e+01	-3.5158e-18	3.5567e-17	-4.9382e-01	0.0000e+00	0.0000e+00
317	1932	-2.8308e+01	1.8494e-17	2.5457e-17	7.7782e-01	0.0000e+00	0.0000e+00
	1933	2.8308e+01	-1.8494e-17	-2.5457e-17	-7.7782e-01	0.0000e+00	0.0000e+00
318	1931	-2.6583e+01	-3.7129e-17	-2.5373e-17	-7.8600e-01	0.0000e+00	0.0000e+00
	1932	2.6583e+01	3.7129e-17	2.5373e-17	7.8600e-01	0.0000e+00	0.0000e+00
319	1930	-2.3821e+01	-6.5776e-18	-7.2362e-17	-4.9314e-01	0.0000e+00	0.0000e+00
	1931	2.3821e+01	6.5776e-18	7.2362e-17	4.9314e-01	0.0000e+00	0.0000e+00
320	1929	-2.0058e+01	-1.5740e-18	-1.9681e-16	1.3081e-01	0.0000e+00	0.0000e+00
	1930	2.0058e+01	1.5740e-18	1.9681e-16	-1.3081e-01	0.0000e+00	0.0000e+00
321	1928	-1.4199e+01	-2.3744e-18	0.0000e+00	3.7128e-01	0.0000e+00	0.0000e+00
	1929	1.4199e+01	2.3744e-18	0.0000e+00	-3.7128e-01	0.0000e+00	0.0000e+00
322	1927	-3.0541e+00	2.5406e-17	-6.2703e-17	8.7836e-01	0.0000e+00	0.0000e+00
	1928	3.0541e+00	-2.5406e-17	6.2703e-17	-8.7836e-01	0.0000e+00	0.0000e+00
323	1937	-3.3383e+01	1.3225e+01	6.8646e-01	3.6722e-03	-2.2953e-04	-7.2133e-01
	1960	3.3383e+01	-1.3225e+01	-6.8646e-01	-3.6722e-03	-4.9564e+01	9.5535e+02
324	1936	-3.0657e+01	2.2728e+01	1.0736e+00	2.3366e-14	1.1989e-12	4.5796e-01
	1961	3.0657e+01	-2.2728e+01	-1.0736e+00	-2.3366e-14	-7.7514e+01	1.6406e+03
325	1935	-3.2490e+01	2.4087e+01	1.1452e+00	-3.0846e-14	-1.2757e-12	3.4948e-01
	1962	3.2490e+01	-2.4087e+01	-1.1452e+00	3.0846e-14	-8.2683e+01	1.7392e+03
326	1934	-3.5315e+01	2.6182e+01	1.1778e+00	3.0468e-14	1.4706e-13	4.6046e-01
	1963	3.5315e+01	-2.6182e+01	-1.1778e+00	-3.0468e-14	-8.5040e+01	1.8905e+03
327	1933	-4.3859e+01	3.2516e+01	1.2338e+00	2.1906e-13	8.5506e-13	6.8660e-01
	1964	4.3859e+01	-3.2516e+01	-1.2338e+00	-2.1906e-13	-8.9080e+01	2.3471e+03
328	1932	-3.8653e+01	2.8657e+01	1.2919e+00	-2.1013e-13	1.6820e-12	-1.5650e+00
	1965	3.8653e+01	-2.8657e+01	-1.2919e+00	2.1013e-13	-9.3278e+01	2.0696e+03
329	1931	-4.4275e+01	3.2825e+01	-1.3755e+00	7.2263e-14	-3.0688e-12	7.0607e-01
	1966	4.4275e+01	-3.2825e+01	1.3755e+00	-7.2263e-14	9.9314e+01	2.3693e+03
330	1930	-3.5638e+01	2.6422e+01	-1.5200e+00	2.3514e-14	-2.2562e-12	4.6968e-01
	1967	3.5638e+01	-2.6422e+01	1.5200e+00	-2.3514e-14	1.0974e+02	1.9078e+03
331	1929	-3.3371e+01	2.4741e+01	-1.6482e+00	3.0348e-14	1.5489e-12	3.4963e-01
	1968	3.3371e+01	-2.4741e+01	1.6482e+00	-3.0348e-14	1.1900e+02	1.7864e+03
332	1928	-1.9949e+01	2.5125e+01	-1.9170e+00	-2.7985e-03	1.7492e-04	7.0931e-01
	1969	1.9949e+01	-2.5125e+01	1.9170e+00	2.7985e-03	1.3841e+02	1.8134e+03
333	1927	-1.5260e+01	1.1314e+01	-1.5583e+00	-1.9741e-14	-8.7649e-13	-8.7836e-01
	1970	1.5260e+01	-1.1314e+01	1.5583e+00	1.9741e-14	1.1251e+02	8.1757e+02
334	2089	1.1120e+01	-5.5992e-18	5.9268e-18	5.5677e-01	0.0000e+00	0.0000e+00

	2090	-1.1120e+01	5.5992e-18	-5.9268e-18	-5.5677e-01	0.0000e+00	0.0000e+00
335	2083	8.5877e+01	-5.6489e-18	6.7730e-18	-5.1216e-01	0.0000e+00	0.0000e+00
	2084	-8.5877e+01	5.6489e-18	-6.7730e-18	5.1216e-01	0.0000e+00	0.0000e+00
336	2081	1.2323e+00	-9.7499e-18	6.6815e-18	-6.6910e-01	0.0000e+00	0.0000e+00
	2082	-1.2323e+00	9.7499e-18	-6.6815e-18	6.6910e-01	0.0000e+00	0.0000e+00
337	2055	-8.2485e+01	2.2347e-17	-9.8061e-19	2.7489e-01	0.0000e+00	0.0000e+00
	2077	8.2485e+01	-2.2347e-17	9.8061e-19	-2.7489e-01	0.0000e+00	0.0000e+00
338	2077	-5.2162e+01	-1.8463e-17	6.7289e-18	-2.8798e-01	0.0000e+00	0.0000e+00
	2078	5.2162e+01	1.8463e-17	-6.7289e-18	2.8798e-01	0.0000e+00	0.0000e+00
339	2075	-1.7670e+01	-1.8622e-17	6.7451e-18	2.1150e-01	0.0000e+00	0.0000e+00
	2076	1.7670e+01	1.8622e-17	-6.7451e-18	-2.1150e-01	0.0000e+00	0.0000e+00
340	2071	-7.5063e+00	-1.2091e-17	6.5202e-18	5.9221e-01	0.0000e+00	0.0000e+00
	2072	7.5063e+00	1.2091e-17	-6.5202e-18	-5.9221e-01	0.0000e+00	0.0000e+00
341	2087	1.8348e+01	8.4688e-18	6.5167e-18	-4.9497e-02	0.0000e+00	0.0000e+00
	2088	-1.8348e+01	-8.4688e-18	-6.5167e-18	4.9497e-02	0.0000e+00	0.0000e+00
342	2090	1.2974e+01	0.0000e+00	-1.3049e-16	-7.8953e-01	0.0000e+00	0.0000e+00
	2112	-1.2974e+01	0.0000e+00	1.3049e-16	7.8953e-01	0.0000e+00	0.0000e+00
343	2088	1.4741e+01	0.0000e+00	-1.3637e-16	8.9267e-01	0.0000e+00	0.0000e+00
	2111	-1.4741e+01	0.0000e+00	1.3637e-16	-8.9267e-01	0.0000e+00	0.0000e+00
344	2084	3.3750e+01	0.0000e+00	-1.4309e-16	1.2443e+00	0.0000e+00	0.0000e+00
	2109	-3.3750e+01	0.0000e+00	1.4309e-16	-1.2443e+00	0.0000e+00	0.0000e+00
345	2082	-3.0511e+00	0.0000e+00	-1.4596e-16	7.8122e-01	0.0000e+00	0.0000e+00
	2108	3.0511e+00	0.0000e+00	1.4596e-16	-7.8122e-01	0.0000e+00	0.0000e+00
346	2078	-7.8049e+01	0.0000e+00	-1.4642e-16	-2.4991e-01	0.0000e+00	0.0000e+00
	2106	7.8049e+01	0.0000e+00	1.4642e-16	2.4991e-01	0.0000e+00	0.0000e+00
347	2076	-1.7107e+01	0.0000e+00	-1.4962e-16	-1.1337e+00	0.0000e+00	0.0000e+00
	2105	1.7107e+01	0.0000e+00	1.4962e-16	1.1337e+00	0.0000e+00	0.0000e+00
348	2072	-4.0359e+00	0.0000e+00	-1.5819e-16	-1.5235e+00	0.0000e+00	0.0000e+00
	2103	4.0359e+00	0.0000e+00	1.5819e-16	1.5235e+00	0.0000e+00	0.0000e+00
349	2103	-5.6889e+00	0.0000e+00	0.0000e+00	-1.1894e+00	0.0000e+00	0.0000e+00
	2120	5.6889e+00	0.0000e+00	0.0000e+00	1.1894e+00	0.0000e+00	0.0000e+00
350	2105	-1.3154e+01	0.0000e+00	0.0000e+00	-1.0023e+00	0.0000e+00	0.0000e+00
	2122	1.3154e+01	0.0000e+00	0.0000e+00	1.0023e+00	0.0000e+00	0.0000e+00
351	2106	-1.3802e+01	0.0000e+00	0.0000e+00	-4.2584e-01	0.0000e+00	0.0000e+00
	2123	1.3802e+01	0.0000e+00	0.0000e+00	4.2584e-01	0.0000e+00	0.0000e+00
352	2108	-4.4175e+00	0.0000e+00	0.0000e+00	3.5572e-01	0.0000e+00	0.0000e+00
	2125	4.4175e+00	0.0000e+00	0.0000e+00	-3.5572e-01	0.0000e+00	0.0000e+00
353	2109	7.5986e+00	0.0000e+00	0.0000e+00	9.5146e-01	0.0000e+00	0.0000e+00
	1925	-7.5986e+00	0.0000e+00	0.0000e+00	-9.5146e-01	0.0000e+00	0.0000e+00
354	2111	9.4337e+00	0.0000e+00	0.0000e+00	8.9715e-01	0.0000e+00	0.0000e+00
	1983	-9.4337e+00	0.0000e+00	0.0000e+00	-8.9715e-01	0.0000e+00	0.0000e+00
355	2112	1.5274e+01	0.0000e+00	0.0000e+00	-3.8172e-01	0.0000e+00	0.0000e+00
	2005	-1.5274e+01	0.0000e+00	0.0000e+00	3.8172e-01	0.0000e+00	0.0000e+00
356	2085	-5.5260e+01	-6.2436e-17	5.3499e-17	-2.6864e+00	0.0000e+00	0.0000e+00
	1921	5.5260e+01	6.2436e-17	-5.3499e-17	2.6864e+00	0.0000e+00	0.0000e+00
357	1983	5.4178e-01	0.0000e+00	-1.3250e-16	7.0148e-01	0.0000e+00	0.0000e+00
	2059	-5.4178e-01	0.0000e+00	1.3250e-16	-7.0148e-01	0.0000e+00	0.0000e+00
358	2005	1.7938e+01	0.0000e+00	-1.1088e-16	2.2174e+00	0.0000e+00	0.0000e+00
	2085	-1.7938e+01	0.0000e+00	1.1088e-16	-2.2174e+00	0.0000e+00	0.0000e+00
359	1925	-1.9708e+01	0.0000e+00	-1.4606e-16	1.5805e+00	0.0000e+00	0.0000e+00
	2042	1.9708e+01	0.0000e+00	1.4606e-16	-1.5805e+00	0.0000e+00	0.0000e+00
360	2125	-4.9657e+00	0.0000e+00	-1.5095e-16	8.5827e-01	0.0000e+00	0.0000e+00
	2025	4.9657e+00	0.0000e+00	1.5095e-16	-8.5827e-01	0.0000e+00	0.0000e+00
361	2123	1.8027e+01	0.0000e+00	-1.5265e-16	-1.5959e-01	0.0000e+00	0.0000e+00
	2008	-1.8027e+01	0.0000e+00	1.5265e-16	1.5959e-01	0.0000e+00	0.0000e+00

362	2122	-9.0251e+00	0.0000e+00	-1.5841e-16	-1.4397e+00	0.0000e+00	0.0000e+00
	1996	9.0251e+00	0.0000e+00	1.5841e-16	1.4397e+00	0.0000e+00	0.0000e+00
363	2120	-1.0683e+01	0.0000e+00	-1.7327e-16	-1.9473e+00	0.0000e+00	0.0000e+00
	1919	1.0683e+01	0.0000e+00	1.7327e-16	1.9473e+00	0.0000e+00	0.0000e+00
364	2059	-5.3927e+00	-2.5517e-16	5.1103e-17	-4.9189e+00	0.0000e+00	0.0000e+00
	1920	5.3927e+00	2.5517e-16	-5.1103e-17	4.9189e+00	0.0000e+00	0.0000e+00
365	2042	-2.4643e+01	4.4819e-16	4.7955e-17	-3.4832e+00	0.0000e+00	0.0000e+00
	1918	2.4643e+01	-4.4819e-16	-4.7955e-17	3.4832e+00	0.0000e+00	0.0000e+00
366	2025	-4.5210e+00	5.3943e-16	4.6911e-17	-2.0252e-02	0.0000e+00	0.0000e+00
	1917	4.5210e+00	-5.3943e-16	-4.6911e-17	2.0252e-02	0.0000e+00	0.0000e+00
367	2008	-1.0134e+01	5.0991e-16	4.6628e-17	-1.9597e+00	0.0000e+00	0.0000e+00
	2107	1.0134e+01	-5.0991e-16	-4.6628e-17	1.9597e+00	0.0000e+00	0.0000e+00
368	1996	-6.0395e+00	3.8037e-16	4.2925e-17	-4.1311e+00	0.0000e+00	0.0000e+00
	2080	6.0395e+00	-3.8037e-16	-4.2925e-17	4.1311e+00	0.0000e+00	0.0000e+00
369	1919	-6.1784e+01	1.8698e-16	2.5074e-17	4.7493e+00	0.0000e+00	0.0000e+00
	2079	6.1784e+01	-1.8698e-16	-2.5074e-17	-4.7493e+00	0.0000e+00	0.0000e+00
370	2097	-4.5807e+00	1.1101e-16	4.8085e-17	-5.2460e-01	0.0000e+00	0.0000e+00
	2039	4.5807e+00	-1.1101e-16	-4.8085e-17	5.2460e-01	0.0000e+00	0.0000e+00
371	2098	-4.1505e+01	9.3794e-17	5.0688e-17	-8.5503e-01	0.0000e+00	0.0000e+00
	2056	4.1505e+01	-9.3794e-17	-5.0688e-17	8.5503e-01	0.0000e+00	0.0000e+00
372	2119	-1.1839e+01	0.0000e+00	-1.9997e-16	-5.9276e-01	0.0000e+00	0.0000e+00
	2098	1.1839e+01	0.0000e+00	1.9997e-16	5.9276e-01	0.0000e+00	0.0000e+00
373	2118	-6.9119e+00	0.0000e+00	-1.9962e-16	-3.8318e-01	0.0000e+00	0.0000e+00
	2097	6.9119e+00	0.0000e+00	1.9962e-16	3.8318e-01	0.0000e+00	0.0000e+00
374	2102	-1.1287e+01	0.0000e+00	0.0000e+00	-2.7328e-01	0.0000e+00	0.0000e+00
	2119	1.1287e+01	0.0000e+00	0.0000e+00	2.7328e-01	0.0000e+00	0.0000e+00
375	2101	-8.2111e+00	0.0000e+00	0.0000e+00	-8.3437e-02	0.0000e+00	0.0000e+00
	2118	8.2111e+00	0.0000e+00	0.0000e+00	8.3437e-02	0.0000e+00	0.0000e+00
376	2070	-1.0719e+01	0.0000e+00	-1.7489e-16	-4.8446e-01	0.0000e+00	0.0000e+00
	2102	1.0719e+01	0.0000e+00	1.7489e-16	4.8446e-01	0.0000e+00	0.0000e+00
377	2068	-8.9729e+00	0.0000e+00	-1.7430e-16	4.0328e-01	0.0000e+00	0.0000e+00
	2101	8.9729e+00	0.0000e+00	1.7430e-16	-4.0328e-01	0.0000e+00	0.0000e+00
378	2069	-1.0130e+01	3.5728e-18	4.1413e-18	6.6348e-01	0.0000e+00	0.0000e+00
	2070	1.0130e+01	-3.5728e-18	-4.1413e-18	-6.6348e-01	0.0000e+00	0.0000e+00
379	2067	-8.9733e+00	1.1079e-17	1.5783e-18	7.2952e-01	0.0000e+00	0.0000e+00
	2068	8.9733e+00	-1.1079e-17	-1.5783e-18	-7.2952e-01	0.0000e+00	0.0000e+00
380	2022	1.0324e+00	-4.1106e-16	1.1463e-16	5.3131e+00	0.0000e+00	0.0000e+00
	1926	-1.0324e+00	4.1106e-16	-1.1463e-16	-5.3131e+00	0.0000e+00	0.0000e+00
381	1993	1.5579e+00	-4.8051e-16	1.3326e-16	5.7140e-01	0.0000e+00	0.0000e+00
	1924	-1.5579e+00	4.8051e-16	-1.3326e-16	-5.7140e-01	0.0000e+00	0.0000e+00
382	1916	-2.6409e+01	-3.8145e-16	1.1238e-16	-4.5163e+00	0.0000e+00	0.0000e+00
	1923	2.6409e+01	3.8145e-16	-1.1238e-16	4.5163e+00	0.0000e+00	0.0000e+00
383	2086	6.1802e-01	-1.8733e-16	7.2684e-17	-5.8706e+00	0.0000e+00	0.0000e+00
	1922	-6.1802e-01	1.8733e-16	-7.2684e-17	5.8706e+00	0.0000e+00	0.0000e+00
384	2065	9.6405e+00	0.0000e+00	-1.0780e-16	2.0223e+00	0.0000e+00	0.0000e+00
	2022	-9.6405e+00	0.0000e+00	1.0780e-16	-2.0223e+00	0.0000e+00	0.0000e+00
385	2048	2.2853e+00	0.0000e+00	-1.2194e-16	3.6499e-01	0.0000e+00	0.0000e+00
	1993	-2.2853e+00	0.0000e+00	1.2194e-16	-3.6499e-01	0.0000e+00	0.0000e+00
386	2031	2.2939e+01	0.0000e+00	-1.1553e-16	-1.4741e-01	0.0000e+00	0.0000e+00
	1916	-2.2939e+01	0.0000e+00	1.1553e-16	1.4741e-01	0.0000e+00	0.0000e+00
387	2014	3.9749e+00	0.0000e+00	-1.0738e-16	-1.6372e+00	0.0000e+00	0.0000e+00
	2086	-3.9749e+00	0.0000e+00	1.0738e-16	1.6372e+00	0.0000e+00	0.0000e+00
388	2113	5.8466e+00	0.0000e+00	0.0000e+00	-2.2324e+00	0.0000e+00	0.0000e+00
	2014	-5.8466e+00	0.0000e+00	0.0000e+00	2.2324e+00	0.0000e+00	0.0000e+00
389	2114	1.3228e+01	0.0000e+00	0.0000e+00	-1.6120e+00	0.0000e+00	0.0000e+00

	2031	-1.3228e+01	0.0000e+00	0.0000e+00	1.6120e+00	0.0000e+00	0.0000e+00
390	2115	5.5304e+00	0.0000e+00	0.0000e+00	5.2226e-01	0.0000e+00	0.0000e+00
	2048	-5.5304e+00	0.0000e+00	0.0000e+00	-5.2226e-01	0.0000e+00	0.0000e+00
391	2117	3.1805e+00	0.0000e+00	0.0000e+00	3.2658e+00	0.0000e+00	0.0000e+00
	2065	-3.1805e+00	0.0000e+00	0.0000e+00	-3.2658e+00	0.0000e+00	0.0000e+00
392	2092	7.2893e+00	0.0000e+00	-1.4884e-16	-2.9538e+00	0.0000e+00	0.0000e+00
	2113	-7.2893e+00	0.0000e+00	1.4884e-16	2.9538e+00	0.0000e+00	0.0000e+00
393	2094	7.6823e+00	0.0000e+00	-1.8601e-16	-2.1498e+00	0.0000e+00	0.0000e+00
	2114	-7.6823e+00	0.0000e+00	1.8601e-16	2.1498e+00	0.0000e+00	0.0000e+00
394	2096	7.6969e+00	0.0000e+00	-2.0216e-16	5.6771e-01	0.0000e+00	0.0000e+00
	2115	-7.6969e+00	0.0000e+00	2.0216e-16	-5.6771e-01	0.0000e+00	0.0000e+00
395	2100	9.7423e+00	0.0000e+00	-1.7307e-16	3.9910e+00	0.0000e+00	0.0000e+00
	2117	-9.7423e+00	0.0000e+00	1.7307e-16	-3.9910e+00	0.0000e+00	0.0000e+00
396	2091	8.3708e+00	-5.7841e-18	5.2937e-18	9.4501e-01	0.0000e+00	0.0000e+00
	2092	-8.3708e+00	5.7841e-18	-5.2937e-18	-9.4501e-01	0.0000e+00	0.0000e+00
397	2093	1.4601e+01	-1.7754e-17	3.0301e-18	7.3488e-01	0.0000e+00	0.0000e+00
	2094	-1.4601e+01	1.7754e-17	-3.0301e-18	-7.3488e-01	0.0000e+00	0.0000e+00
398	2095	9.7084e+00	-2.3318e-17	6.3797e-18	-7.9111e-02	0.0000e+00	0.0000e+00
	2096	-9.7084e+00	2.3318e-17	-6.3797e-18	7.9111e-02	0.0000e+00	0.0000e+00
399	2099	1.2551e+01	-1.9507e-17	4.5974e-18	-7.8401e-01	0.0000e+00	0.0000e+00
	2100	-1.2551e+01	1.9507e-17	-4.5974e-18	7.8401e-01	0.0000e+00	0.0000e+00
400	2066	1.4343e+01	2.6571e-17	-1.2024e-17	1.1963e+00	0.0000e+00	0.0000e+00
	2099	-1.4343e+01	-2.6571e-17	1.2024e-17	-1.1963e+00	0.0000e+00	0.0000e+00
401	2049	1.5965e+01	0.0000e+00	1.7258e-16	-4.0192e+00	0.0000e+00	0.0000e+00
	2066	-1.5965e+01	0.0000e+00	-1.7258e-16	4.0192e+00	0.0000e+00	0.0000e+00
402	2064	1.0530e+01	3.2372e-17	-1.4631e-17	2.6561e-02	0.0000e+00	0.0000e+00
	2095	-1.0530e+01	-3.2372e-17	1.4631e-17	-2.6561e-02	0.0000e+00	0.0000e+00
403	2063	1.7381e+01	2.5344e-17	-1.2049e-17	-9.2192e-01	0.0000e+00	0.0000e+00
	2093	-1.7381e+01	-2.5344e-17	1.2049e-17	9.2192e-01	0.0000e+00	0.0000e+00
404	2062	8.8667e+00	1.0106e-17	-6.3101e-18	-1.2116e+00	0.0000e+00	0.0000e+00
	2091	-8.8667e+00	-1.0106e-17	6.3101e-18	1.2116e+00	0.0000e+00	0.0000e+00
405	2061	1.0230e+01	5.3420e-18	-2.2804e-18	-6.2199e-01	0.0000e+00	0.0000e+00
	2089	-1.0230e+01	-5.3420e-18	2.2804e-18	6.2199e-01	0.0000e+00	0.0000e+00
406	2060	1.8757e+01	-7.4915e-18	-2.1455e-18	1.0963e-01	0.0000e+00	0.0000e+00
	2087	-1.8757e+01	7.4915e-18	2.1455e-18	-1.0963e-01	0.0000e+00	0.0000e+00
407	2058	5.1649e+01	5.2009e-18	-1.9161e-18	5.8941e-01	0.0000e+00	0.0000e+00
	2083	-5.1649e+01	-5.2009e-18	1.9161e-18	-5.8941e-01	0.0000e+00	0.0000e+00
408	2057	1.5928e+00	1.2936e-17	-1.5558e-18	7.1273e-01	0.0000e+00	0.0000e+00
	2081	-1.5928e+00	-1.2936e-17	1.5558e-18	-7.1273e-01	0.0000e+00	0.0000e+00
409	2054	-1.6544e+01	2.1690e-17	-2.1234e-18	-3.0557e-01	0.0000e+00	0.0000e+00
	2075	1.6544e+01	-2.1690e-17	2.1234e-18	3.0557e-01	0.0000e+00	0.0000e+00
410	2052	-9.3136e+00	1.3613e-17	-4.5526e-18	-7.0166e-01	0.0000e+00	0.0000e+00
	2071	9.3136e+00	-1.3613e-17	4.5526e-18	7.0166e-01	0.0000e+00	0.0000e+00
411	2051	-9.2861e+00	-3.6695e-18	-8.9098e-18	-6.7263e-01	0.0000e+00	0.0000e+00
	2069	9.2861e+00	3.6695e-18	8.9098e-18	6.7263e-01	0.0000e+00	0.0000e+00
412	2050	-8.5142e+00	-1.1095e-17	-9.9979e-18	-7.3165e-01	0.0000e+00	0.0000e+00
	2067	8.5142e+00	1.1095e-17	9.9979e-18	7.3165e-01	0.0000e+00	0.0000e+00
413	2047	1.0467e+01	0.0000e+00	2.0180e-16	-5.6429e-01	0.0000e+00	0.0000e+00
	2064	-1.0467e+01	0.0000e+00	-2.0180e-16	5.6429e-01	0.0000e+00	0.0000e+00
414	2046	1.8755e+01	0.0000e+00	1.8541e-16	2.1691e+00	0.0000e+00	0.0000e+00
	2063	-1.8755e+01	0.0000e+00	-1.8541e-16	-2.1691e+00	0.0000e+00	0.0000e+00
415	2045	8.9859e+00	0.0000e+00	1.4797e-16	2.9626e+00	0.0000e+00	0.0000e+00
	2062	-8.9859e+00	0.0000e+00	-1.4797e-16	-2.9626e+00	0.0000e+00	0.0000e+00
416	2044	9.5287e+00	0.0000e+00	1.2966e-16	7.4402e-01	0.0000e+00	0.0000e+00
	2061	-9.5287e+00	0.0000e+00	-1.2966e-16	-7.4402e-01	0.0000e+00	0.0000e+00

417	2043	1.7602e+01	0.0000e+00	1.3604e-16	-9.7627e-01	0.0000e+00	0.0000e+00
	2060	-1.7602e+01	0.0000e+00	-1.3604e-16	9.7627e-01	0.0000e+00	0.0000e+00
418	2041	7.3946e+01	0.0000e+00	1.4318e-16	-1.3386e+00	0.0000e+00	0.0000e+00
	2058	-7.3946e+01	0.0000e+00	-1.4318e-16	1.3386e+00	0.0000e+00	0.0000e+00
419	2040	3.2151e+00	0.0000e+00	1.4712e-16	-7.9226e-01	0.0000e+00	0.0000e+00
	2057	-3.2151e+00	0.0000e+00	-1.4712e-16	7.9226e-01	0.0000e+00	0.0000e+00
420	2038	-2.3393e+01	0.0000e+00	1.4847e-16	3.1795e-01	0.0000e+00	0.0000e+00
	2055	2.3393e+01	0.0000e+00	-1.4847e-16	-3.1795e-01	0.0000e+00	0.0000e+00
421	2037	-1.2149e+01	0.0000e+00	1.5187e-16	1.2089e+00	0.0000e+00	0.0000e+00
	2054	1.2149e+01	0.0000e+00	-1.5187e-16	-1.2089e+00	0.0000e+00	0.0000e+00
422	2035	-1.1486e+01	0.0000e+00	1.6078e-16	1.5870e+00	0.0000e+00	0.0000e+00
	2052	1.1486e+01	0.0000e+00	-1.6078e-16	-1.5870e+00	0.0000e+00	0.0000e+00
423	2034	-7.8185e+00	0.0000e+00	1.7799e-16	4.9162e-01	0.0000e+00	0.0000e+00
	2051	7.8185e+00	0.0000e+00	-1.7799e-16	-4.9162e-01	0.0000e+00	0.0000e+00
424	2033	-7.4256e+00	0.0000e+00	1.7737e-16	-4.0160e-01	0.0000e+00	0.0000e+00
	2050	7.4256e+00	0.0000e+00	-1.7737e-16	4.0160e-01	0.0000e+00	0.0000e+00
425	2032	1.6885e+01	0.0000e+00	0.0000e+00	-2.6395e+00	0.0000e+00	0.0000e+00
	2049	-1.6885e+01	0.0000e+00	0.0000e+00	2.6395e+00	0.0000e+00	0.0000e+00
426	2030	9.5779e+00	0.0000e+00	0.0000e+00	-4.2617e-01	0.0000e+00	0.0000e+00
	2047	-9.5779e+00	0.0000e+00	0.0000e+00	4.2617e-01	0.0000e+00	0.0000e+00
427	2029	1.9044e+01	0.0000e+00	0.0000e+00	1.2996e+00	0.0000e+00	0.0000e+00
	2046	-1.9044e+01	0.0000e+00	0.0000e+00	-1.2996e+00	0.0000e+00	0.0000e+00
428	2028	8.4106e+00	0.0000e+00	0.0000e+00	1.8070e+00	0.0000e+00	0.0000e+00
	2045	-8.4106e+00	0.0000e+00	0.0000e+00	-1.8070e+00	0.0000e+00	0.0000e+00
429	2027	9.6188e+00	0.0000e+00	0.0000e+00	3.2431e-01	0.0000e+00	0.0000e+00
	2044	-9.6188e+00	0.0000e+00	0.0000e+00	-3.2431e-01	0.0000e+00	0.0000e+00
430	2026	1.3294e+01	0.0000e+00	0.0000e+00	-7.0113e-01	0.0000e+00	0.0000e+00
	2043	-1.3294e+01	0.0000e+00	0.0000e+00	7.0113e-01	0.0000e+00	0.0000e+00
431	2024	9.3042e+00	0.0000e+00	0.0000e+00	-7.4276e-01	0.0000e+00	0.0000e+00
	2041	-9.3042e+00	0.0000e+00	0.0000e+00	7.4276e-01	0.0000e+00	0.0000e+00
432	2023	2.4413e+00	0.0000e+00	0.0000e+00	-2.7673e-01	0.0000e+00	0.0000e+00
	2040	-2.4413e+00	0.0000e+00	0.0000e+00	2.7673e-01	0.0000e+00	0.0000e+00
433	2021	1.4410e+01	0.0000e+00	0.0000e+00	3.3354e-01	0.0000e+00	0.0000e+00
	2038	-1.4410e+01	0.0000e+00	0.0000e+00	-3.3354e-01	0.0000e+00	0.0000e+00
434	2020	-6.2116e+00	0.0000e+00	0.0000e+00	7.8996e-01	0.0000e+00	0.0000e+00
	2037	6.2116e+00	0.0000e+00	0.0000e+00	-7.8996e-01	0.0000e+00	0.0000e+00
435	2018	-1.3742e+01	0.0000e+00	0.0000e+00	9.3815e-01	0.0000e+00	0.0000e+00
	2035	1.3742e+01	0.0000e+00	0.0000e+00	-9.3815e-01	0.0000e+00	0.0000e+00
436	2017	-5.1369e+00	0.0000e+00	0.0000e+00	2.1318e-01	0.0000e+00	0.0000e+00
	2034	5.1369e+00	0.0000e+00	0.0000e+00	-2.1318e-01	0.0000e+00	0.0000e+00
437	2016	-5.8595e+00	0.0000e+00	0.0000e+00	6.7313e-02	0.0000e+00	0.0000e+00
	2033	5.8595e+00	0.0000e+00	0.0000e+00	-6.7313e-02	0.0000e+00	0.0000e+00
438	2015	1.8369e+01	0.0000e+00	1.6309e-16	-3.7337e+00	0.0000e+00	0.0000e+00
	2032	-1.8369e+01	0.0000e+00	-1.6309e-16	3.7337e+00	0.0000e+00	0.0000e+00
439	2013	7.1962e+00	0.0000e+00	1.9209e-16	-7.9767e-01	0.0000e+00	0.0000e+00
	2030	-7.1962e+00	0.0000e+00	-1.9209e-16	7.9767e-01	0.0000e+00	0.0000e+00
440	2012	1.8528e+01	0.0000e+00	1.8274e-16	1.4919e+00	0.0000e+00	0.0000e+00
	2029	-1.8528e+01	0.0000e+00	-1.8274e-16	-1.4919e+00	0.0000e+00	0.0000e+00
441	2011	7.2610e+00	0.0000e+00	1.5639e-16	2.1318e+00	0.0000e+00	0.0000e+00
	2028	-7.2610e+00	0.0000e+00	-1.5639e-16	-2.1318e+00	0.0000e+00	0.0000e+00
442	2010	9.3885e+00	0.0000e+00	1.3948e-16	2.4786e+00	0.0000e+00	0.0000e+00
	2027	-9.3885e+00	0.0000e+00	-1.3948e-16	-2.4786e+00	0.0000e+00	0.0000e+00
443	2009	9.0254e+00	0.0000e+00	1.3980e-16	-2.9578e+00	0.0000e+00	0.0000e+00
	2026	-9.0254e+00	0.0000e+00	-1.3980e-16	2.9578e+00	0.0000e+00	0.0000e+00
444	2007	-1.1917e+01	0.0000e+00	1.4158e-16	-1.9156e+00	0.0000e+00	0.0000e+00

	2024	1.1917e+01	0.0000e+00	-1.4158e-16	1.9156e+00	0.0000e+00	0.0000e+00
445	2006	2.3400e+00	0.0000e+00	1.4281e-16	-5.0075e-01	0.0000e+00	0.0000e+00
	2023	-2.3400e+00	0.0000e+00	-1.4281e-16	5.0075e-01	0.0000e+00	0.0000e+00
446	2004	5.1412e+01	0.0000e+00	1.4279e-16	1.2168e+00	0.0000e+00	0.0000e+00
	2021	-5.1412e+01	0.0000e+00	-1.4279e-16	-1.2168e+00	0.0000e+00	0.0000e+00
447	2003	-3.9015e+00	0.0000e+00	1.4265e-16	2.4223e+00	0.0000e+00	0.0000e+00
	2020	3.9015e+00	0.0000e+00	-1.4265e-16	-2.4223e+00	0.0000e+00	0.0000e+00
448	2001	-1.6092e+01	4.6222e-17	0.0000e+00	2.7143e+00	0.0000e+00	0.0000e+00
	2018	1.6092e+01	-4.6222e-17	0.0000e+00	-2.7143e+00	0.0000e+00	0.0000e+00
449	2000	-5.1748e+00	7.5269e-18	0.0000e+00	4.1195e-01	0.0000e+00	0.0000e+00
	2017	5.1748e+00	-7.5269e-18	0.0000e+00	-4.1195e-01	0.0000e+00	0.0000e+00
450	1999	-3.9213e+00	3.6203e-18	0.0000e+00	3.7920e-01	0.0000e+00	0.0000e+00
	2016	3.9213e+00	-3.6203e-18	0.0000e+00	-3.7920e-01	0.0000e+00	0.0000e+00
451	1982	1.9454e+01	2.3024e-16	-1.9193e-17	-1.5139e+00	0.0000e+00	0.0000e+00
	2015	-1.9454e+01	-2.3024e-16	1.9193e-17	1.5139e+00	0.0000e+00	0.0000e+00
452	1984	2.8699e+00	2.2060e-16	-3.7856e-17	-2.5736e-01	0.0000e+00	0.0000e+00
	2013	-2.8699e+00	-2.2060e-16	3.7856e-17	2.5736e-01	0.0000e+00	0.0000e+00
453	1985	3.6331e+01	1.2607e-16	-5.2794e-17	2.3359e+00	0.0000e+00	0.0000e+00
	2012	-3.6331e+01	-1.2607e-16	5.2794e-17	-2.3359e+00	0.0000e+00	0.0000e+00
454	1986	5.1398e+00	6.8911e-17	-4.7232e-17	2.6850e+00	0.0000e+00	0.0000e+00
	2011	-5.1398e+00	-6.8911e-17	4.7232e-17	-2.6850e+00	0.0000e+00	0.0000e+00
455	1998	6.3783e+01	1.2623e-17	-2.7890e-17	5.8139e+00	0.0000e+00	0.0000e+00
	2010	-6.3783e+01	-1.2623e-17	2.7890e-17	-5.8139e+00	0.0000e+00	0.0000e+00
456	1997	6.0057e+00	2.9258e-16	-2.6578e-17	5.3288e+00	0.0000e+00	0.0000e+00
	2009	-6.0057e+00	-2.9258e-16	2.6578e-17	-5.3288e+00	0.0000e+00	0.0000e+00
457	1995	1.4395e+01	4.6811e-16	-3.5551e-17	3.4104e+00	0.0000e+00	0.0000e+00
	2007	-1.4395e+01	-4.6811e-16	3.5551e-17	-3.4104e+00	0.0000e+00	0.0000e+00
458	1994	1.8224e+00	5.5579e-16	-3.7015e-17	3.0610e-01	0.0000e+00	0.0000e+00
	2006	-1.8224e+00	-5.5579e-16	3.7015e-17	-3.0610e-01	0.0000e+00	0.0000e+00
459	1992	5.1417e+01	5.3265e-16	-3.7641e-17	1.9009e+00	0.0000e+00	0.0000e+00
	2004	-5.1417e+01	-5.3265e-16	3.7641e-17	-1.9009e+00	0.0000e+00	0.0000e+00
460	1991	4.1386e+00	-4.0376e-16	-3.9729e-17	4.2033e+00	0.0000e+00	0.0000e+00
	2003	-4.1386e+00	4.0376e-16	3.9729e-17	-4.2033e+00	0.0000e+00	0.0000e+00
461	1989	2.0496e+01	-2.0555e-16	-3.9871e-17	4.9501e+00	0.0000e+00	0.0000e+00
	2001	-2.0496e+01	2.0555e-16	3.9871e-17	-4.9501e+00	0.0000e+00	0.0000e+00
462	1988	1.8642e+01	-9.5044e-17	-2.3838e-17	8.7229e-01	0.0000e+00	0.0000e+00
	2000	-1.8642e+01	9.5044e-17	2.3838e-17	-8.7229e-01	0.0000e+00	0.0000e+00
463	1987	-1.1176e+00	-1.1121e-16	-2.7064e-17	5.5931e-01	0.0000e+00	0.0000e+00
	1999	1.1176e+00	1.1121e-16	2.7064e-17	-5.5931e-01	0.0000e+00	0.0000e+00
464	1926	-5.3712e+02	-1.0534e+02	1.0211e+00	3.2908e+01	-1.5213e+02	-1.5694e+04
	1981	5.3712e+02	1.0534e+02	-1.0211e+00	-3.2908e+01	0.0000e+00	0.0000e+00
465	1924	-5.3252e+02	6.6270e+00	-6.6328e-01	-8.4163e-01	-2.3630e+02	-1.5044e+04
	1926	5.3252e+02	-6.6270e+00	6.6328e-01	8.4163e-01	1.5565e+02	1.5701e+04
466	1923	-5.1198e+02	7.2315e+01	-3.5092e+00	-2.0651e+01	9.2231e+01	-7.7689e+03
	1924	5.1198e+02	-7.2315e+01	3.5092e+00	2.0651e+01	2.3539e+02	1.5044e+04
467	1922	-4.9164e+02	9.7417e+01	7.4482e-01	-1.7453e+01	1.5782e+01	1.7115e+03
	1923	4.9164e+02	-9.7417e+01	-7.4482e-01	1.7453e+01	-9.2889e+01	7.7637e+03
468	1949	-4.3730e+02	2.1975e+02	1.2152e+00	-1.2815e+01	-5.9480e+01	1.6094e+04
	1922	4.3730e+02	-2.1975e+02	-1.2152e+00	1.2815e+01	-1.9734e+01	-1.7149e+03
469	1921	-3.2007e+02	-1.0726e+02	1.5052e+00	-1.3204e+01	-1.1775e+02	1.1948e+04
	1949	3.2007e+02	1.0726e+02	-1.5052e+00	1.3204e+01	5.9431e+01	-1.6094e+04
470	1920	-3.0445e+02	-9.2287e+01	-3.0768e+00	-1.7391e+01	1.9171e+02	2.5361e+03
	1921	3.0445e+02	9.2287e+01	3.0768e+00	1.7391e+01	1.1721e+02	-1.1953e+04
471	1918	-2.9470e+02	-5.7690e+01	3.5023e+00	-1.6063e+00	-1.6044e+02	-3.0235e+03
	1920	2.9470e+02	5.7690e+01	-3.5023e+00	1.6063e+00	-1.9251e+02	-2.5413e+03

472	1917	-2.6162e+02	-2.6424e+01	-4.0790e+00	-1.5396e+01	2.4586e+02	-5.7244e+03
	1918	2.6162e+02	2.6424e+01	4.0790e+00	1.5396e+01	1.5969e+02	3.0235e+03
473	2107	-2.4356e+02	-4.6347e+00	3.1549e+00	8.2192e+00	-8.8229e+01	-5.8098e+03
	1917	2.4356e+02	4.6347e+00	-3.1549e+00	-8.2192e+00	-2.4621e+02	5.7243e+03
474	2080	-2.1413e+02	2.2435e+01	-1.1866e+00	-1.1855e+01	1.6278e+01	-3.7780e+03
	2107	2.1413e+02	-2.2435e+01	1.1866e+00	1.1855e+01	8.7043e+01	5.8103e+03
475	2079	-1.9100e+02	4.0667e+01	2.2919e+00	9.0627e+00	-1.4738e+02	-1.6254e+03
	2080	1.9100e+02	-4.0667e+01	-2.2919e+00	-9.0627e+00	-6.5033e+00	3.7791e+03
476	2056	-1.4315e+02	-2.8153e+01	3.0679e+00	2.8139e+00	-1.6301e+02	3.5658e+03
	1959	1.4315e+02	2.8153e+01	-3.0679e+00	-2.8139e+00	-9.7851e+01	-5.9832e+03
477	2039	-9.6462e+01	-3.4143e+01	-2.5548e+00	-2.0306e+00	5.2080e+01	-2.0518e+02
	2056	9.6462e+01	3.4143e+01	2.5548e+00	2.0306e+00	1.6305e+02	-3.5655e+03
478	1960	-8.1637e+01	-3.8442e+01	1.2794e+00	2.8204e+00	5.0481e+01	-9.5535e+02
	2039	8.1637e+01	3.8442e+01	-1.2794e+00	-2.8204e+00	-5.1964e+01	2.0465e+02
479	2022	-6.7148e+02	-1.5235e+02	-6.8873e-01	3.3789e+01	1.0261e+02	-2.2699e+04
	1980	6.7148e+02	1.5235e+02	6.8873e-01	-3.3789e+01	0.0000e+00	0.0000e+00
480	1993	-6.5407e+02	1.0707e+00	1.4945e+00	1.1708e+01	-2.7841e+02	-2.2475e+04
	2022	6.5407e+02	-1.0707e+00	-1.4945e+00	-1.1708e+01	-1.0740e+02	2.2696e+04
481	1916	-6.0972e+02	9.6526e+01	-4.5868e+00	-1.5029e+01	1.6705e+02	-1.2731e+04
	1993	6.0972e+02	-9.6526e+01	4.5868e+00	1.5029e+01	2.7825e+02	2.2475e+04
482	2086	-5.6947e+02	1.3861e+02	1.9805e+00	7.9642e+00	-2.6609e+01	2.2400e+02
	1916	5.6947e+02	-1.3861e+02	-1.9805e+00	-7.9642e+00	-1.6753e+02	1.2735e+04
483	1948	-4.8239e+02	2.8590e+02	-4.9674e-01	-1.8282e+01	2.7407e+01	1.9392e+04
	2086	4.8239e+02	-2.8590e+02	4.9674e-01	1.8282e+01	2.0910e+01	-1.6079e+02
484	2085	-3.3712e+02	-1.2114e+02	-8.4223e-01	-1.8199e+01	5.9772e+01	1.4713e+04
	1948	3.3712e+02	1.2114e+02	8.4223e-01	1.8199e+01	-2.7385e+01	-1.9392e+04
485	2059	-3.1939e+02	-9.9682e+01	1.9149e+00	-1.6895e+01	-1.1219e+02	4.4562e+03
	2085	3.1939e+02	9.9682e+01	-1.9149e+00	1.6895e+01	-5.9391e+01	-1.4705e+04
486	2042	-2.9182e+02	-6.0037e+01	-2.4575e+00	-7.2654e-01	1.3294e+02	-5.0895e+02
	2059	2.9182e+02	6.0037e+01	2.4575e+00	7.2654e-01	1.1091e+02	-4.4509e+03
487	2025	-2.6217e+02	-2.4784e+01	1.5301e+00	1.2443e+01	1.8651e+02	-3.5516e+03
	2042	2.6217e+02	2.4784e+01	-1.5301e+00	-1.2443e+01	-1.3352e+02	4.7276e+02
488	2008	-2.2453e+02	-3.9417e+00	2.8193e+00	3.7187e+00	-3.0057e+01	-3.5407e+03
	2025	2.2453e+02	3.9417e+00	-2.8193e+00	-3.7187e+00	-1.8689e+02	3.5541e+03
489	1996	-1.9878e+02	1.3782e+01	-2.1769e+00	-4.5940e+00	1.4352e+02	-2.4305e+03
	2008	1.9878e+02	-1.3782e+01	2.1769e+00	4.5940e+00	3.0620e+01	3.5359e+03
490	1919	-1.5785e+02	2.5991e+01	2.1957e+00	-8.0961e+00	-7.2774e+01	-1.5255e+03
	1996	1.5785e+02	-2.5991e+01	-2.1957e+00	8.0961e+00	-1.4322e+02	2.4215e+03
491	2098	-1.3191e+02	-1.3056e+01	7.2865e-01	-4.1532e+00	-5.0259e+01	2.2966e+03
	1958	1.3191e+02	1.3056e+01	-7.2865e-01	4.1532e+00	2.7243e+00	-3.4429e+03
492	2097	-1.1817e+02	-2.7709e+01	-3.1917e-01	-1.5260e+00	8.6519e+01	-5.6677e+02
	2098	1.1817e+02	2.7709e+01	3.1917e-01	1.5260e+00	5.0109e+01	-2.2990e+03
493	1961	-8.7389e+01	-4.1045e+01	6.4191e-01	3.3575e+00	8.7203e+01	-1.6406e+03
	2097	8.7389e+01	4.1045e+01	-6.4191e-01	-3.3575e+00	-8.6468e+01	5.6692e+02
494	2065	-7.9547e+02	-1.6998e+02	-8.4959e-01	3.2328e+01	1.2658e+02	-2.5326e+04
	1979	7.9547e+02	1.6998e+02	8.4959e-01	-3.2328e+01	0.0000e+00	0.0000e+00
495	2048	-7.7998e+02	6.3878e+00	8.0213e-01	7.2480e+00	-2.3260e+02	-2.4762e+04
	2065	7.7998e+02	-6.3878e+00	-8.0213e-01	-7.2480e+00	-1.3044e+02	2.5327e+04
496	2031	-7.3579e+02	1.1211e+02	-3.5286e+00	-1.5535e+01	1.0596e+02	-1.3514e+04
	2048	7.3579e+02	-1.1211e+02	3.5286e+00	1.5535e+01	2.3219e+02	2.4762e+04
497	2014	-6.9470e+02	1.5638e+02	1.2531e+00	1.1378e+01	-1.6209e+01	2.1969e+03
	2031	6.9470e+02	-1.5638e+02	-1.2531e+00	-1.1378e+01	-1.0649e+02	1.3513e+04
498	1947	-6.0063e+02	3.3312e+02	-1.7820e-01	-1.6125e+01	1.5826e+01	2.3610e+04
	2014	6.0063e+02	-3.3312e+02	1.7820e-01	1.6125e+01	1.1496e+01	-2.1983e+03
499	2005	-4.2785e+02	-1.5228e+02	-4.9256e-01	-1.6018e+01	3.4165e+01	1.7738e+04

	1947	4.2785e+02	1.5228e+02	4.9256e-01	1.6018e+01	-1.5780e+01	-2.3610e+04
500	1983	-4.0117e+02	-1.2772e+02	2.1048e+00	1.4889e+01	-1.6987e+02	4.8107e+03
	2005	4.0117e+02	1.2772e+02	-2.1048e+00	-1.4889e+01	-3.3651e+01	-1.7740e+04
501	1925	-3.7597e+02	-7.9692e+01	-3.8148e+00	-5.8143e+00	2.1070e+02	-3.2694e+03
	1983	3.7597e+02	7.9692e+01	3.8148e+00	5.8143e+00	1.6911e+02	-4.8129e+03
502	2125	-3.6550e+02	-3.5871e+01	2.3676e+00	4.7082e+00	-1.2066e+02	-6.8514e+03
	1925	3.6550e+02	3.5871e+01	-2.3676e+00	-4.7082e+00	-2.1073e+02	3.2678e+03
503	2123	-3.2823e+02	-4.7454e+00	1.8105e+00	3.8591e+00	-1.1984e+02	-6.8735e+03
	2125	3.2823e+02	4.7454e+00	-1.8105e+00	-3.8591e+00	1.2062e+02	6.8508e+03
504	2122	-2.6456e+02	2.7384e+01	-1.0932e+00	-8.8232e+00	8.2722e+01	-4.3428e+03
	2123	2.6456e+02	-2.7384e+01	1.0932e+00	8.8232e+00	1.1959e+02	6.8743e+03
505	2120	-2.2136e+02	4.6643e+01	1.3403e+00	7.4169e+00	-4.2403e+01	-1.7412e+03
	2122	2.2136e+02	-4.6643e+01	-1.3403e+00	-7.4169e+00	-8.1915e+01	4.3445e+03
506	2119	-1.7137e+02	-3.1766e+01	4.2046e-01	-4.3034e+00	-2.9506e+01	4.0726e+03
	1957	1.7137e+02	3.1766e+01	-4.2046e-01	4.3034e+00	1.4988e+01	-6.8002e+03
507	2118	-1.3469e+02	-4.1998e+01	-7.7374e-01	-3.4623e+00	9.8244e+01	-3.9808e+02
	2119	1.3469e+02	4.1998e+01	7.7374e-01	3.4623e+00	2.9396e+01	-4.0723e+03
508	1962	-1.0264e+02	-5.5356e+01	2.9592e-01	3.4055e+00	9.2524e+01	-1.7392e+03
	2118	1.0264e+02	5.5356e+01	-2.9592e-01	-3.4055e+00	-9.8246e+01	3.9829e+02
509	2117	-8.7256e+02	-1.8609e+02	1.0356e+00	3.3673e+01	-1.5430e+02	-2.7726e+04
	1978	8.7256e+02	1.8609e+02	-1.0356e+00	-3.3673e+01	0.0000e+00	0.0000e+00
510	2115	-8.5583e+02	6.9924e+00	-5.0693e-01	5.0498e+00	-2.0977e+02	-2.7098e+04
	2117	8.5583e+02	-6.9924e+00	5.0693e-01	-5.0498e+00	1.5785e+02	2.7726e+04
511	2114	-8.0769e+02	1.2283e+02	-3.0648e+00	-1.6127e+01	8.1571e+01	-1.4770e+04
	2115	8.0769e+02	-1.2283e+02	3.0648e+00	1.6127e+01	2.0921e+02	2.7098e+04
512	2113	-7.6299e+02	1.7117e+02	9.7140e-01	-1.3200e+01	-9.5684e+00	2.3694e+03
	2114	7.6299e+02	-1.7117e+02	-9.7140e-01	1.3200e+01	-8.2096e+01	1.4769e+04
513	1946	-6.6025e+02	3.6515e+02	-1.5873e-01	-1.5136e+01	1.0123e+01	2.5887e+04
	2113	6.6025e+02	-3.6515e+02	1.5873e-01	1.5136e+01	6.0584e+00	-2.3700e+03
514	2112	-4.7083e+02	-1.6710e+02	-2.7551e-01	-1.5026e+01	2.0438e+01	1.9443e+04
	1946	4.7083e+02	1.6710e+02	2.7551e-01	1.5026e+01	-1.0053e+01	-2.5887e+04
515	2111	-4.4196e+02	-1.4022e+02	1.9116e+00	1.4115e+01	-1.6519e+02	5.2462e+03
	2112	4.4196e+02	1.4022e+02	-1.9116e+00	-1.4115e+01	-1.9778e+01	-1.9444e+04
516	2109	-4.1475e+02	-8.7411e+01	-3.6686e+00	-2.6220e+00	1.9977e+02	-3.6111e+03
	2111	4.1475e+02	8.7411e+01	3.6686e+00	2.6220e+00	1.6457e+02	-5.2462e+03
517	2108	-4.0100e+02	-3.8965e+01	2.4617e+00	6.5013e+00	-9.4475e+01	-7.5105e+03
	2109	4.0100e+02	3.8965e+01	-2.4617e+00	-6.5013e+00	-1.9968e+02	3.6113e+03
518	2106	-3.6051e+02	-4.7676e+00	1.4658e+00	3.6131e+00	-1.1138e+02	-7.4947e+03
	2108	3.6051e+02	4.7676e+00	-1.4658e+00	-3.6131e+00	9.4320e+01	7.5109e+03
519	2105	-2.8751e+02	2.9866e+01	-1.2868e+00	-8.1700e+00	5.9822e+01	-4.7067e+03
	2106	2.8751e+02	-2.9866e+01	1.2868e+00	8.1700e+00	1.1114e+02	7.4950e+03
520	2103	-2.4055e+02	5.0831e+01	9.7798e-01	7.0654e+00	-2.9485e+01	-1.7681e+03
	2105	2.4055e+02	-5.0831e+01	-9.7798e-01	-7.0654e+00	-5.8839e+01	4.7066e+03
521	2102	-1.8635e+02	-3.4420e+01	3.0000e-01	-4.3709e+00	-1.9329e+01	4.4125e+03
	1956	1.8635e+02	3.4420e+01	-3.0000e-01	4.3709e+00	1.5849e+01	-7.3679e+03
522	2101	-1.4648e+02	-4.5612e+01	-9.2265e-01	-3.9184e+00	1.0310e+02	-4.1466e+02
	2102	1.4648e+02	4.5612e+01	9.2265e-01	3.9184e+00	1.9232e+01	-4.4127e+03
523	1963	-1.1164e+02	-6.0185e+01	1.8815e-01	3.4735e+00	9.5066e+01	-1.8905e+03
	2101	1.1164e+02	6.0185e+01	-1.8815e-01	-3.4735e+00	-1.0312e+02	4.1491e+02
524	2100	-1.0040e+03	-2.1730e+02	1.0639e+00	3.2350e+01	-1.5851e+02	-3.2375e+04
	1977	1.0040e+03	2.1730e+02	-1.0639e+00	-3.2350e+01	0.0000e+00	0.0000e+00
525	2099	-9.9536e+02	-2.1083e+02	1.1166e+00	3.2673e+01	-1.6636e+02	-3.1412e+04
	1976	9.9536e+02	2.1083e+02	-1.1166e+00	-3.2673e+01	0.0000e+00	0.0000e+00
526	2096	-9.8233e+02	7.3148e+00	-2.9359e-01	-2.8647e+00	-1.9174e+02	-3.1697e+04
	2100	9.8233e+02	-7.3148e+00	2.9359e-01	2.8647e+00	1.6175e+02	3.2370e+04

527	2095	-9.7744e+02	7.9173e+00	-3.6936e-01	-2.6354e+00	-1.8121e+02	-3.0676e+04
	2099	9.7744e+02	-7.9173e+00	3.6936e-01	2.6354e+00	1.6956e+02	3.1414e+04
528	2094	-9.2315e+02	1.4324e+02	-2.6305e+00	-1.6316e+01	6.0376e+01	-1.7309e+04
	2096	9.2315e+02	-1.4324e+02	2.6305e+00	1.6316e+01	1.9106e+02	3.1696e+04
529	2093	-9.2422e+02	1.3922e+02	-2.4235e+00	-1.6629e+01	5.5049e+01	-1.6692e+04
	2095	9.2422e+02	-1.3922e+02	2.4235e+00	1.6629e+01	1.8043e+02	3.0676e+04
530	2092	-8.6809e+02	2.0105e+02	7.0056e-01	-1.4277e+01	9.6762e+00	2.6703e+03
	2094	8.6809e+02	-2.0105e+02	-7.0056e-01	1.4277e+01	-6.0891e+01	1.7312e+04
531	2091	-8.7488e+02	1.9337e+02	5.8762e-01	-1.5016e+01	1.7585e+01	2.5294e+03
	2093	8.7488e+02	-1.9337e+02	-5.8762e-01	1.5016e+01	-5.5511e+01	1.6690e+04
532	1945	-7.4607e+02	4.2283e+02	-1.1917e-01	1.3818e+01	4.1945e+00	3.0015e+04
	2092	7.4607e+02	-4.2283e+02	1.1917e-01	-1.3818e+01	-8.9856e+00	-2.6667e+03
533	1944	-7.5959e+02	4.1526e+02	1.7623e-01	1.2980e+01	4.7433e+00	2.9393e+04
	2091	7.5959e+02	-4.1526e+02	-1.7623e-01	-1.2980e+01	-1.5882e+01	-2.5313e+03
534	2090	-5.2747e+02	-1.9167e+02	-1.2404e-01	1.3713e+01	9.5349e+00	2.2622e+04
	1945	5.2747e+02	1.9167e+02	1.2404e-01	-1.3713e+01	-4.0388e+00	-3.0015e+04
535	2089	-5.4393e+02	-1.9076e+02	1.2236e-01	1.2900e+01	-3.8911e+00	2.2035e+04
	1944	5.4393e+02	1.9076e+02	-1.2236e-01	-1.2900e+01	-4.8363e+00	-2.9393e+04
536	2088	-4.9153e+02	-1.6041e+02	1.5206e+00	1.3080e+01	-1.3765e+02	6.3703e+03
	2090	4.9153e+02	1.6041e+02	-1.5206e+00	-1.3080e+01	-8.6010e+00	-2.2620e+04
537	2087	-5.1245e+02	-1.6029e+02	4.7378e-01	1.2708e+01	-4.2354e+01	5.8005e+03
	2089	5.1245e+02	1.6029e+02	-4.7378e-01	-1.2708e+01	4.4782e+00	-2.2036e+04
538	2084	-4.5737e+02	-1.0078e+02	-2.9290e+00	-7.2826e+00	1.5078e+02	-3.8263e+03
	2088	4.5737e+02	1.0078e+02	2.9290e+00	7.2826e+00	1.3722e+02	-6.3712e+03
539	2083	-4.8296e+02	-9.9496e+01	-6.9334e-01	-9.4255e+00	1.6965e+01	-4.2724e+03
	2087	4.8296e+02	9.9496e+01	6.9334e-01	9.4255e+00	4.1488e+01	-5.8003e+03
540	2082	-4.3997e+02	-4.6928e+01	2.6904e+00	4.8182e+00	-8.6825e+01	-8.5340e+03
	2084	4.3997e+02	4.6928e+01	-2.6904e+00	-4.8182e+00	-1.5053e+02	3.8245e+03
541	2081	-4.2584e+02	-4.1038e+01	5.3225e-01	7.9180e+00	-4.3537e+01	-8.3887e+03
	2083	4.2584e+02	4.1038e+01	-5.3225e-01	-7.9180e+00	-1.6169e+01	4.2734e+03
542	2078	-3.9058e+02	-5.8488e+00	-1.2444e+00	-3.3678e+00	3.9866e+01	-8.9512e+03
	2082	3.9058e+02	5.8488e+00	1.2444e+00	3.3678e+00	8.6893e+01	8.5326e+03
543	2077	-3.8119e+02	-3.9536e+00	-1.5463e+00	-6.4933e+00	1.0592e+02	-8.3345e+03
	2081	3.8119e+02	3.9536e+00	1.5463e+00	6.4933e+00	4.4725e+01	8.3901e+03
544	2076	-3.5289e+02	3.4542e+01	4.7853e-01	9.5597e-01	6.0135e+01	-5.6502e+03
	2078	3.5289e+02	-3.4542e+01	-4.7853e-01	-9.5597e-01	-3.9991e+01	8.9512e+03
545	2075	-3.1603e+02	3.3559e+01	1.4596e+00	4.8201e+00	-2.3146e+01	-5.1143e+03
	2077	3.1603e+02	-3.3559e+01	-1.4596e+00	-4.8201e+00	-1.0600e+02	8.3351e+03
546	2072	-2.9557e+02	6.0393e+01	-7.6366e-01	6.5601e+00	1.5057e+01	-1.6027e+03
	2076	2.9557e+02	-6.0393e+01	7.6366e-01	-6.5601e+00	-5.9768e+01	5.6516e+03
547	2071	-2.6428e+02	5.6678e+01	-3.8068e-01	6.5278e+00	8.8846e+00	-1.4888e+03
	2075	2.6428e+02	-5.6678e+01	3.8068e-01	-6.5278e+00	2.1677e+01	5.1137e+03
548	2070	-2.2770e+02	-3.9688e+01	-2.1046e-01	-4.4167e+00	-6.8415e+00	5.0943e+03
	1955	2.2770e+02	3.9688e+01	2.1046e-01	4.4167e+00	1.5582e+01	-8.5022e+03
549	2069	-2.0523e+02	-3.7794e+01	-2.2292e-01	-4.4013e+00	4.2918e+00	4.8480e+03
	1954	2.0523e+02	3.7794e+01	2.2292e-01	4.4013e+00	1.5129e+01	-8.0932e+03
550	2068	-1.7848e+02	-5.3809e+01	-1.0745e+00	-4.3846e+00	1.1015e+02	-5.0598e+02
	2070	1.7848e+02	5.3809e+01	1.0745e+00	4.3846e+00	6.8208e+00	-5.0938e+03
551	2067	-1.6147e+02	-5.0287e+01	1.1865e+00	-4.7452e+00	1.1652e+02	-3.8474e+02
	2069	1.6147e+02	5.0287e+01	-1.1865e+00	4.7452e+00	-4.6439e+00	-4.8481e+03
552	1964	-1.3526e+02	-7.2190e+01	3.9324e-01	3.6237e+00	9.9526e+01	-2.3471e+03
	2068	1.3526e+02	7.2190e+01	-3.9324e-01	-3.6237e+00	-1.1018e+02	5.0638e+02
553	1965	-1.2328e+02	-6.6396e+01	4.6275e-01	-3.7624e+00	1.0416e+02	-2.0696e+03
	2067	1.2328e+02	6.6396e+01	-4.6275e-01	3.7624e+00	-1.1656e+02	3.8368e+02
554	2066	-1.0140e+03	-2.1948e+02	1.1267e+00	3.2907e+01	-1.6786e+02	-3.2700e+04

1975	1.0140e+03	2.1948e+02	-1.1267e+00	-3.2907e+01	0.0000e+00	0.0000e+00
555	2064	-9.9204e+02	7.3596e+00	-7.5401e-01	-5.1255e+00	1.7554e+02
	2066	9.9204e+02	-7.3596e+00	7.5401e-01	5.1255e+00	1.7114e+02
556	2063	-9.3225e+02	1.4465e+02	-2.3318e+00	-1.6878e+01	5.6373e+01
	2064	9.3225e+02	-1.4465e+02	2.3318e+00	1.6878e+01	-1.7487e+04
557	2062	-8.7663e+02	2.0305e+02	-4.9532e-01	-1.5379e+01	2.4333e+01
	2063	8.7663e+02	-2.0305e+02	4.9532e-01	1.5379e+01	-5.6800e+01
558	1943	-7.5339e+02	4.2701e+02	2.5523e-01	1.2283e+01	4.5422e+00
	2062	7.5339e+02	-4.2701e+02	-2.5523e-01	-1.2283e+01	-2.2505e+01
559	2061	-5.3263e+02	-1.9354e+02	2.0430e-01	1.2213e+01	-4.2192e+00
	1943	5.3263e+02	1.9354e+02	-2.0430e-01	-1.2213e+01	-4.4593e+00
560	2060	-4.9634e+02	-1.6197e+02	5.0227e-01	1.2307e+01	-4.8433e+01
	2061	4.9634e+02	1.6197e+02	-5.0227e-01	-1.2307e+01	4.4847e+00
561	2058	-4.6184e+02	-1.0176e+02	5.5753e-01	7.3586e+00	-5.0772e+01
	2060	4.6184e+02	1.0176e+02	-5.5753e-01	-7.3586e+00	4.9428e+01
562	2057	-4.3211e+02	-4.6784e+01	5.9049e-01	-8.4758e+00	-7.7109e+01
	2058	4.3211e+02	4.6784e+01	-5.9049e-01	8.4758e+00	5.0948e+01
563	2055	-3.8225e+02	-6.2700e+00	-3.3979e+00	-1.3301e+01	2.4179e+02
	2057	3.8225e+02	6.2700e+00	3.3979e+00	1.3301e+01	7.5479e+01
564	2054	-3.5623e+02	3.4862e+01	3.6923e+00	1.2629e+01	-1.1538e+02
	2055	3.5623e+02	-3.4862e+01	-3.6923e+00	-1.2629e+01	-2.4182e+02
565	2052	-2.9837e+02	6.0961e+01	-1.3113e+00	6.5364e+00	1.7185e+01
	2054	2.9837e+02	-6.0961e+01	1.3113e+00	-6.5364e+00	1.1625e+02
566	2051	-2.2984e+02	-4.0010e+01	-3.0079e-01	-4.2766e+00	1.0198e+01
	1953	2.2984e+02	4.0010e+01	3.0079e-01	4.2766e+00	1.6946e+01
567	2050	-1.8015e+02	-5.4272e+01	1.3334e+00	5.2107e+00	-1.2513e+02
	2051	1.8015e+02	5.4272e+01	-1.3334e+00	-5.2107e+00	-1.0623e+01
568	1966	-1.3651e+02	-7.2833e+01	-5.1745e-01	-3.9382e+00	-1.1079e+02
	2050	1.3651e+02	7.2833e+01	5.1745e-01	3.9382e+00	1.2518e+02
569	2049	-8.8019e+02	-1.8794e+02	1.0807e+00	3.1826e+01	-1.6102e+02
	1974	8.8019e+02	1.8794e+02	-1.0807e+00	-3.1826e+01	0.0000e+00
570	2047	-8.6321e+02	6.9515e+00	-7.7947e-01	-6.2915e+00	1.7860e+02
	2049	8.6321e+02	-6.9515e+00	7.7947e-01	6.2915e+00	1.6426e+02
571	2046	-8.1449e+02	1.2391e+02	2.3775e+00	-1.7067e+01	-6.1253e+01
	2047	8.1449e+02	-1.2391e+02	-2.3775e+00	1.7067e+01	-1.7767e+02
572	2045	-7.6922e+02	1.7278e+02	-2.8482e-01	-1.5362e+01	3.1873e+01
	2046	7.6922e+02	-1.7278e+02	2.8482e-01	1.5362e+01	6.1702e+01
573	1942	-6.6542e+02	3.6840e+02	4.0331e-01	1.1227e+01	-1.9645e+00
	2045	6.6542e+02	-3.6840e+02	-4.0331e-01	-1.1227e+01	-3.0098e+01
574	2044	-4.7434e+02	-1.6847e+02	3.7386e-01	1.1218e+01	-8.5682e+00
	1942	4.7434e+02	1.6847e+02	-3.7386e-01	-1.1218e+01	1.9597e+00
575	2043	-4.4507e+02	-1.4133e+02	-6.8260e-01	1.2092e+01	6.4733e+01
	2044	4.4507e+02	1.4133e+02	6.8260e-01	-1.2092e+01	9.6849e+00
576	2041	-4.1748e+02	-8.8114e+01	2.1618e+00	1.1625e+01	-1.9659e+02
	2043	4.1748e+02	8.8114e+01	-2.1618e+00	-1.1625e+01	-6.6871e+01
577	2040	-3.5053e+02	-3.6672e+01	-6.4343e-01	-5.3430e+00	-1.0859e+02
	2041	3.5053e+02	3.6672e+01	6.4343e-01	5.3430e+00	1.9701e+02
578	2038	-3.0961e+02	-5.2468e+00	-2.8879e+00	-1.4226e+01	2.7231e+02
	2040	3.0961e+02	5.2468e+00	2.8879e+00	1.4226e+01	1.0965e+02
579	2037	-2.9016e+02	3.0065e+01	4.1616e+00	1.4975e+01	-1.3156e+02
	2038	2.9016e+02	-3.0065e+01	-4.1616e+00	-1.4975e+01	-2.7227e+02
580	2035	-2.4277e+02	5.1225e+01	-1.6002e+00	7.0320e+00	2.9698e+01
	2037	2.4277e+02	-5.1225e+01	1.6002e+00	-7.0320e+00	1.3259e+02
581	2034	-1.8796e+02	-3.4531e+01	-4.5744e-01	-3.9895e+00	1.4338e+01
	1952	1.8796e+02	3.4531e+01	4.5744e-01	3.9895e+00	2.3230e+01

582	2033	-1.4772e+02	-4.5836e+01	1.5812e+00	6.0252e+00	-1.3956e+02	-4.1997e+02
	2034	1.4772e+02	4.5836e+01	-1.5812e+00	-6.0252e+00	-1.5032e+01	-4.4278e+03
583	1967	-1.1254e+02	-6.0554e+01	-5.9289e-01	-4.1876e+00	-1.2218e+02	-1.9078e+03
	2033	1.1254e+02	6.0554e+01	5.9289e-01	4.1876e+00	1.3963e+02	4.2020e+02
584	2032	-8.1771e+02	-1.7489e+02	1.0166e+00	3.2686e+01	-1.5147e+02	-2.6056e+04
	1973	8.1771e+02	1.7489e+02	-1.0166e+00	-3.2686e+01	0.0000e+00	0.0000e+00
585	2030	-8.0174e+02	6.4693e+00	-1.5058e+00	-9.9377e+00	1.7542e+02	-2.5481e+04
	2032	8.0174e+02	-6.4693e+00	1.5058e+00	9.9377e+00	1.5527e+02	2.6055e+04
586	2029	-7.5620e+02	1.1524e+02	2.3668e+00	-1.7417e+01	-6.3290e+01	-1.3917e+04
	2030	7.5620e+02	-1.1524e+02	-2.3668e+00	1.7417e+01	-1.7427e+02	2.5481e+04
587	2028	-7.1386e+02	1.6082e+02	-4.7052e-01	-1.5291e+01	4.1384e+01	2.2220e+03
	2029	7.1386e+02	-1.6082e+02	4.7052e-01	1.5291e+01	6.3837e+01	1.3917e+04
588	1941	-6.1707e+02	3.4246e+02	4.8260e-01	1.0671e+01	-6.1101e+00	2.4245e+04
	2028	6.1707e+02	-3.4246e+02	-4.8260e-01	-1.0671e+01	-3.9908e+01	-2.2214e+03
589	2027	-4.3947e+02	-1.5646e+02	4.6953e-01	1.0695e+01	-1.1916e+01	1.8211e+04
	1941	4.3947e+02	1.5646e+02	-4.6953e-01	-1.0695e+01	6.0827e+00	-2.4245e+04
590	2026	-4.1198e+02	-1.3120e+02	-9.9920e-01	1.2104e+01	8.5783e+01	4.9277e+03
	2027	4.1198e+02	1.3120e+02	9.9920e-01	-1.2104e+01	1.0482e+01	-1.8211e+04
591	2024	-3.8603e+02	-8.1860e+01	1.9296e+00	1.2724e+01	-1.9535e+02	-3.3723e+03
	2026	3.8603e+02	8.1860e+01	-1.9296e+00	-1.2724e+01	-8.7562e+01	-4.9271e+03
592	2023	-3.2583e+02	-3.4403e+01	-1.2839e+00	-7.2794e+00	-1.3556e+02	-6.8079e+03
	2024	3.2583e+02	3.4403e+01	1.2839e+00	7.2794e+00	1.9591e+02	3.3724e+03
593	2021	-2.8752e+02	-5.3112e+00	-2.5101e+00	-1.3364e+01	2.6312e+02	-7.0843e+03
	2023	2.8752e+02	5.3112e+00	2.5101e+00	1.3364e+01	1.3642e+02	6.8076e+03
594	2020	-2.7171e+02	2.8070e+01	3.9863e+00	1.4812e+01	-1.2187e+02	-4.4791e+03
	2021	2.7171e+02	-2.8070e+01	-3.9863e+00	-1.4812e+01	-2.6304e+02	7.0839e+03
595	2018	-2.2734e+02	4.7862e+01	-1.6465e+00	7.5640e+00	4.3228e+01	-1.7361e+03
	2020	2.2734e+02	-4.7862e+01	1.6465e+00	-7.5640e+00	1.2300e+02	4.4788e+03
596	2017	-1.7594e+02	-3.2408e+01	-6.2870e-01	-3.6050e+00	1.2062e+01	4.1552e+03
	1951	1.7594e+02	3.2408e+01	6.2870e-01	3.6050e+00	3.1835e+01	-6.9379e+03
597	2016	-1.3826e+02	-4.2942e+01	1.8040e+00	6.7561e+00	-1.5228e+02	-4.0608e+02
	2017	1.3826e+02	4.2942e+01	-1.8040e+00	-6.7561e+00	-1.3347e+01	-4.1552e+03
598	1968	-1.0533e+02	-5.6685e+01	-6.6642e-01	-4.3909e+00	-1.3227e+02	-1.7864e+03
	2016	1.0533e+02	5.6685e+01	6.6642e-01	4.3909e+00	1.5237e+02	4.0629e+02
599	2015	-6.7347e+02	-1.4806e+02	8.6921e-01	3.1891e+01	-1.2950e+02	-2.2059e+04
	1972	6.7347e+02	1.4806e+02	-8.6921e-01	-3.1891e+01	0.0000e+00	0.0000e+00
600	2013	-6.5608e+02	4.4848e+00	-1.8362e+00	-1.3011e+01	1.8480e+02	-2.1550e+04
	2015	6.5608e+02	-4.4848e+00	1.8362e+00	1.3011e+01	1.3401e+02	2.2060e+04
601	2012	-6.1263e+02	9.8862e+01	2.5207e+00	-1.7894e+01	-6.4541e+01	-1.1587e+04
	2013	6.1263e+02	-9.8862e+01	-2.5207e+00	1.7894e+01	-1.8347e+02	2.1551e+04
602	2011	-5.8471e+02	1.4178e+02	-9.7788e-01	-1.4677e+01	5.4585e+01	2.0542e+03
	2012	5.8471e+02	-1.4178e+02	9.7788e-01	1.4677e+01	6.5342e+01	1.1589e+04
603	1940	-4.9755e+02	2.9215e+02	5.6324e-01	9.0330e+00	-1.9853e+01	2.1287e+04
	2011	4.9755e+02	-2.9215e+02	-5.6324e-01	-9.0330e+00	-5.3345e+01	-2.0504e+03
604	2010	-3.4233e+02	-1.4350e+02	5.6354e-01	9.1752e+00	-3.5666e+01	1.5741e+04
	1940	3.4233e+02	1.4350e+02	-5.6354e-01	-9.1752e+00	1.9819e+01	-2.1287e+04
605	2009	-3.4699e+02	-1.1633e+02	-1.7395e+00	1.2059e+01	1.3590e+02	3.8490e+03
	2010	3.4699e+02	1.1633e+02	1.7395e+00	-1.2059e+01	3.4800e+01	-1.5742e+04
606	2007	-3.2054e+02	-7.3647e+01	1.8810e+00	1.0919e+01	-1.0332e+02	-3.1947e+03
	2009	3.2054e+02	7.3647e+01	-1.8810e+00	-1.0919e+01	-1.3687e+02	-3.8523e+03
607	2006	-2.9682e+02	-2.6857e+01	-2.6915e+00	-1.2934e+01	1.9720e+02	-5.9846e+03
	2007	2.9682e+02	2.6857e+01	2.6915e+00	1.2934e+01	1.0470e+02	3.1968e+03
608	2004	-2.5802e+02	-4.7418e+00	-2.2289e+00	-3.4206e+00	1.1700e+02	-5.8033e+03
	2006	2.5802e+02	4.7418e+00	2.2289e+00	3.4206e+00	-1.9765e+02	5.9855e+03
609	2003	-2.1574e+02	2.5156e+01	1.1659e+00	8.1611e+00	-7.3966e+01	-3.4842e+03

	2004	2.1574e+02	-2.5156e+01	-1.1659e+00	-8.1611e+00	-1.1676e+02	5.8035e+03
610	2001	-1.7126e+02	3.8699e+01	-6.8053e-01	8.8908e+00	6.7141e+01	-1.5821e+03
	2003	1.7126e+02	-3.8699e+01	6.8053e-01	-8.8908e+00	7.2975e+01	3.4833e+03
611	2000	-1.4119e+02	-2.6876e+01	-1.0416e+00	-2.3627e+00	2.3513e+01	3.4688e+03
	1950	1.4119e+02	2.6876e+01	1.0416e+00	2.3627e+00	5.3649e+01	-5.7765e+03
612	1999	-1.2380e+02	-3.7766e+01	2.2764e+00	8.2982e+00	-1.7900e+02	-4.6347e+02
	2000	1.2380e+02	3.7766e+01	-2.2764e+00	-8.2982e+00	-2.2125e+01	-3.4693e+03
613	1969	-9.0128e+01	-5.2896e+01	-8.4553e-01	-4.8080e+00	-1.5340e+02	-1.8134e+03
	1999	9.0128e+01	5.2896e+01	8.4553e-01	4.8080e+00	1.7913e+02	4.6374e+02
614	1982	-5.9866e+02	-1.2196e+02	6.8233e-01	-2.5069e+01	-1.0166e+02	-1.8172e+04
	1971	5.9866e+02	1.2196e+02	-6.8233e-01	2.5069e+01	0.0000e+00	0.0000e+00
615	1984	-5.7927e+02	5.2273e+00	-2.0008e-01	-1.6044e+01	2.2120e+02	-1.7682e+04
	1982	5.7927e+02	-5.2273e+00	2.0008e-01	1.6044e+01	1.0592e+02	1.8174e+04
616	1985	-5.5591e+02	7.7284e+01	2.9333e+00	-1.4216e+01	-5.3664e+01	-9.9046e+03
	1984	5.5591e+02	-7.7284e+01	-2.9333e+00	1.4216e+01	-2.2016e+02	1.7682e+04
617	1986	-4.9898e+02	1.0971e+02	-2.1107e+00	-1.4750e+00	1.0165e+02	1.1534e+03
	1985	4.9898e+02	-1.0971e+02	2.1107e+00	1.4750e+00	5.1763e+01	9.9014e+03
618	1938	-4.3898e+02	2.3443e+02	2.5737e+00	5.6963e+00	-6.5906e+01	1.6136e+04
	1986	4.3898e+02	-2.3443e+02	-2.5737e+00	-5.6963e+00	-1.0179e+02	-1.1511e+03
619	1998	-3.1805e+02	-1.0332e+02	2.8906e+00	6.5601e+00	-1.7755e+02	1.2151e+04
	1938	3.1805e+02	1.0332e+02	-2.8906e+00	-6.5601e+00	6.5948e+01	-1.6136e+04
620	1997	-2.5834e+02	-8.4491e+01	-2.5821e+00	1.2684e+01	2.4663e+01	3.4972e+03
	1998	2.5834e+02	8.4491e+01	2.5821e+00	-1.2684e+01	1.7789e+02	-1.2150e+04
621	1995	-2.4623e+02	-5.4380e+01	2.3005e+00	1.6168e+01	-1.8367e+02	-1.5363e+03
	1997	2.4623e+02	5.4380e+01	-2.3005e+00	-1.6168e+01	-1.3637e+01	-3.4964e+03
622	1994	-2.2575e+02	-2.5241e+01	-7.8756e-01	-1.5694e+01	1.9601e+02	-4.2389e+03
	1995	2.2575e+02	2.5241e+01	7.8756e-01	1.5694e+01	1.8505e+02	1.5422e+03
623	1992	-2.0626e+02	-5.3195e+00	3.0989e+00	3.1324e+00	-1.2213e+02	-4.5999e+03
	1994	2.0626e+02	5.3195e+00	-3.0989e+00	-3.1324e+00	-1.9661e+02	4.2395e+03
624	1991	-1.5889e+02	1.8360e+01	-3.1031e+00	8.5567e+00	1.8296e+02	-3.0051e+03
	1992	1.5889e+02	-1.8360e+01	3.1031e+00	-8.5567e+00	1.2187e+02	4.5978e+03
625	1989	-1.3544e+02	3.0433e+01	3.0458e+00	9.3486e+00	-1.2292e+02	-1.5826e+03
	1991	1.3544e+02	-3.0433e+01	-3.0458e+00	-9.3486e+00	-1.8292e+02	3.0016e+03
626	1988	-1.0126e+02	-2.1888e+01	-4.6500e-01	6.5743e+00	1.8499e+01	2.8026e+03
	1939	1.0126e+02	2.1888e+01	4.6500e-01	-6.5743e+00	4.6424e+01	-4.6852e+03
627	1987	-7.3456e+01	-2.6759e+01	1.3523e+00	6.3541e+00	-1.4218e+02	-1.7445e+02
	1988	7.3456e+01	2.6759e+01	-1.3523e+00	-6.3541e+00	-1.8422e+01	-2.8031e+03
628	1970	-5.8241e+01	-3.2708e+01	-5.4314e-01	3.2317e+00	-1.2429e+02	-8.1757e+02
	1987	5.8241e+01	3.2708e+01	5.4314e-01	-3.2317e+00	1.4228e+02	1.7380e+02
629	1910	0.0000e+00	3.6602e+02	0.0000e+00	2.9647e+00	0.0000e+00	2.1954e+04
	28	0.0000e+00	-3.6602e+02	0.0000e+00	-2.9647e+00	0.0000e+00	4.6497e+04
630	1905	0.0000e+00	2.7185e+02	0.0000e+00	5.2957e+02	0.0000e+00	1.4851e+04
	33	0.0000e+00	-2.7185e+02	0.0000e+00	-5.2957e+02	0.0000e+00	3.5990e+04
631	1915	0.0000e+00	2.7150e+02	0.0000e+00	-4.7283e+02	0.0000e+00	1.4822e+04
	23	0.0000e+00	-2.7150e+02	0.0000e+00	4.7283e+02	0.0000e+00	3.5951e+04
632	1894	-3.5208e+02	-4.3300e+02	1.7534e+00	2.5621e+01	-2.0334e+02	-5.3259e+04
	1981	3.5208e+02	4.3300e+02	-1.7534e+00	-2.5621e+01	-2.0651e+01	2.9803e-11
633	1895	-4.2714e+02	-5.5390e+02	6.8779e-01	2.6307e+01	-1.0692e+02	-6.8130e+04
	1980	4.2714e+02	5.5390e+02	-6.8779e-01	-2.6307e+01	-2.1204e+01	2.3976e-10
634	1896	-5.1267e+02	-6.4681e+02	-1.0070e+00	2.5170e+01	1.4455e+02	-7.9557e+04
	1979	5.1267e+02	6.4681e+02	1.0070e+00	-2.5170e+01	-2.0288e+01	-4.7508e-10
635	1897	-5.6258e+02	-7.0864e+02	9.0800e-01	2.6217e+01	-1.3368e+02	-8.7163e+04
	1978	5.6258e+02	7.0864e+02	-9.0800e-01	-2.6217e+01	-2.1132e+01	-6.9554e-10
636	1898	-6.4535e+02	-8.1668e+02	-1.1222e+00	2.5187e+01	1.5873e+02	-1.0045e+05
	1977	6.4535e+02	8.1668e+02	1.1222e+00	-2.5187e+01	-2.0302e+01	7.0571e-10

637	1899	-6.4266e+02	-8.0661e+02	-1.1213e+00	2.5438e+01	1.5853e+02	-9.9213e+04
	1976	6.4266e+02	8.0661e+02	1.1213e+00	-2.5438e+01	-2.0504e+01	4.7193e-10
638	1900	-6.5171e+02	-8.2475e+02	-1.0996e+00	2.5621e+01	1.5591e+02	-1.0144e+05
	1975	6.5171e+02	8.2475e+02	1.0996e+00	-2.5621e+01	-2.0651e+01	4.7913e-10
639	1901	-5.6736e+02	-7.1513e+02	-1.0783e+00	2.4779e+01	1.5463e+02	-8.7961e+04
	1974	5.6736e+02	7.1513e+02	1.0783e+00	-2.4779e+01	-1.9973e+01	2.2062e-10
640	1902	-5.2691e+02	-6.6496e+02	-1.0340e+00	2.5448e+01	1.4770e+02	-8.1791e+04
	1973	5.2691e+02	6.6496e+02	1.0340e+00	-2.5448e+01	-2.0512e+01	1.2886e-11
641	1903	-4.3140e+02	-5.5224e+02	-8.7060e-01	2.4830e+01	1.2983e+02	-6.7925e+04
	1972	4.3140e+02	5.5224e+02	8.7060e-01	-2.4830e+01	-2.0014e+01	-1.1650e-10
642	1904	-3.8956e+02	-4.8556e+02	-2.2384e+00	-1.9518e+01	2.5055e+02	-5.9724e+04
	1971	3.8956e+02	4.8556e+02	2.2384e+00	1.9518e+01	1.5732e+01	-2.7604e-10
2422	55	6.6494e-15	8.1598e-01	-5.5959e-14	-3.3197e+02	7.0828e-12	1.5789e+02
	56	-6.6494e-15	-8.1598e-01	5.5959e-14	3.3197e+02	8.0404e-12	1.6888e+02
2423	54	-1.2916e-15	3.4556e-01	-1.6471e-14	7.8697e+01	-1.4018e-11	8.5854e+01
	55	1.2916e-15	-3.4556e-01	1.6471e-14	-7.8697e+01	-7.8557e-12	6.5970e+01
2424	53	1.0437e-14	2.3411e-01	-1.9256e-13	1.0086e+01	-2.7784e-11	1.4229e+01
	54	-1.0437e-14	-2.3411e-01	1.9256e-13	-1.0086e+01	-3.4735e-11	5.1905e+01
2425	52	7.1184e-15	-1.6308e-01	3.7616e-14	-5.0583e+01	-1.8086e-12	-3.5950e+01
	53	-7.1184e-15	1.6308e-01	-3.7616e-14	5.0583e+01	4.3550e-12	-3.4701e+01
2426	51	-8.3031e-15	2.5060e-01	9.9276e-14	-1.8902e+01	8.3250e-12	4.1323e+01
	52	8.3031e-15	-2.5060e-01	-9.9276e-14	1.8902e+01	2.6050e-11	4.6358e+01
2427	50	6.3889e-15	1.1198e-01	-9.9337e-14	1.8245e+01	-2.6039e-11	2.2222e+01
	51	-6.3889e-15	-1.1198e-01	9.9337e-14	-1.8245e+01	-8.3152e-12	1.6492e+01
2428	49	6.4994e-15	3.3137e-01	-3.7593e-14	5.0046e+01	-4.3589e-12	7.8472e+01
	50	-6.4994e-15	-3.3137e-01	3.7593e-14	-5.0046e+01	1.8046e-12	6.7283e+01
2429	48	4.6038e-15	2.2344e-01	1.9204e-13	-1.0394e+01	3.4797e-11	-2.1924e+01
	49	-4.6038e-15	-2.2344e-01	-1.9204e-13	1.0394e+01	2.7848e-11	5.2789e+01
2430	47	9.2248e-15	-1.6014e-01	1.6503e-14	-7.9296e+01	7.8389e-12	-3.4039e+01
	48	-9.2248e-15	1.6014e-01	-1.6503e-14	7.9296e+01	1.4001e-11	-3.3487e+01
2431	35	-2.6664e-15	-2.1581e-01	5.5898e-14	3.3159e+02	-8.0143e-12	-4.5668e+01
	47	2.6664e-15	2.1581e-01	-5.5898e-14	-3.3159e+02	-7.0567e-12	-4.2144e+01
2432	45	-9.4959e-15	-6.5171e+00	-5.5820e-14	-2.8694e+02	7.0516e-12	-1.1863e+03
	46	9.4959e-15	6.5171e+00	5.5820e-14	2.8694e+02	8.0092e-12	-1.4206e+03
2433	44	1.0425e-15	1.9927e+00	-1.6511e-14	-4.9393e+01	-1.4008e-11	4.1379e+02
	45	-1.0425e-15	-1.9927e+00	1.6511e-14	4.9393e+01	-7.8545e-12	4.6323e+02
2434	43	3.9069e-15	-5.5114e-01	-1.9240e-13	-6.1628e+00	-2.7792e-11	-1.0471e+01
	44	-3.9069e-15	5.5114e-01	1.9240e-13	6.1628e+00	-3.4744e-11	-1.2815e+02
2435	42	-8.1759e-15	-3.5471e-01	3.7611e-14	2.0080e+01	-1.8065e-12	-5.4132e+01
	43	8.1759e-15	3.5471e-01	-3.7611e-14	-2.0080e+01	4.3584e-12	-1.0599e+02
2436	65	-5.6323e-15	6.6799e+00	-5.5820e-14	-3.0445e+02	7.0516e-12	1.2191e+03
	66	5.6323e-15	-6.6799e+00	5.5820e-14	3.0445e+02	8.0092e-12	1.4529e+03
2437	64	-6.0009e-15	-2.0734e+00	-1.6527e-14	2.0547e+01	-1.3997e-11	-4.4149e+02
	65	6.0009e-15	2.0734e+00	1.6527e-14	-2.0547e+01	-7.8348e-12	-4.7080e+02
2438	63	-9.2775e-15	-4.3171e-02	-1.9246e-13	5.5704e+00	-2.7788e-11	9.3311e+01
	64	9.2775e-15	4.3171e-02	1.9246e-13	-5.5704e+00	-3.4724e-11	-5.1084e+01
2439	62	7.4467e-15	1.3602e+00	3.7687e-14	-2.0439e+01	-1.8251e-12	2.5804e+02
	63	-7.4467e-15	-1.3602e+00	-3.7687e-14	2.0439e+01	4.3447e-12	3.4038e+02
2440	61	-4.7979e-15	4.3029e-01	9.9277e-14	4.0540e+01	8.3221e-12	1.0324e+02
	62	4.7979e-15	-4.3029e-01	-9.9277e-14	-4.0540e+01	2.6048e-11	4.3632e+01
2441	41	8.1543e-15	1.3834e+00	9.9454e-14	2.1493e+00	8.2923e-12	2.2832e+02
	42	-8.1543e-15	-1.3834e+00	-9.9454e-14	-2.1493e+00	2.6018e-11	2.5586e+02
2442	40	5.1039e-15	-8.6448e-01	-9.9395e-14	-2.5912e+00	-2.6029e-11	-1.6360e+02
	41	-5.1039e-15	8.6448e-01	9.9395e-14	2.5912e+00	-8.3040e-12	-1.3898e+02
2443	39	-1.7257e-15	7.2502e-01	-3.7608e-14	-2.1391e+01	-4.3541e-12	1.8548e+02

	40	1.7257e-15	-7.2502e-01	3.7608e-14	2.1391e+01	1.8081e-12	1.3548e+02
2444	38	3.3086e-15	3.9757e-01	1.9213e-13	4.7605e+00	3.4757e-11	6.1878e+01
	39	-3.3086e-15	-3.9757e-01	-1.9213e-13	-4.7605e+00	2.7828e-11	8.2797e+01
2445	37	-1.0536e-15	-1.6575e+00	1.6506e-14	4.7877e+01	7.8383e-12	-3.8754e+02
	38	1.0536e-15	1.6575e+00	-1.6506e-14	-4.7877e+01	1.4005e-11	-3.4217e+02
2446	34	-8.6006e-15	7.0275e+00	5.5843e-14	2.8586e+02	-8.0094e-12	1.5278e+03
	37	8.6006e-15	-7.0275e+00	-5.5843e-14	-2.8586e+02	-7.0518e-12	1.2832e+03
2447	60	-2.0730e-15	-2.1312e-01	-9.9514e-14	-4.1553e+01	-2.6007e-11	2.0505e+01
	61	2.0730e-15	2.1312e-01	9.9514e-14	4.1553e+01	-8.2825e-12	-4.2854e+01
2448	59	-6.5538e-15	-9.5107e-01	-3.7588e-14	1.9368e+01	-4.3561e-12	-2.5175e+02
	60	6.5538e-15	9.5107e-01	3.7588e-14	-1.9368e+01	1.8061e-12	-1.6649e+02
2449	58	-6.9076e-15	4.1273e-01	1.9179e-13	-4.5324e+00	3.4814e-11	1.2309e+02
	59	6.9076e-15	-4.1273e-01	-1.9179e-13	4.5324e+00	2.7871e-11	-4.7814e+01
2450	57	-8.4145e-15	2.4671e+00	1.6566e-14	-1.9598e+01	7.8208e-12	5.5844e+02
	58	8.4145e-15	-2.4671e+00	-1.6566e-14	1.9598e+01	1.3988e-11	5.2706e+02
2451	36	-9.7034e-15	-6.0864e+00	5.5843e-14	3.0315e+02	-7.9952e-12	-1.3283e+03
	57	9.7034e-15	6.0864e+00	-5.5843e-14	-3.0315e+02	-7.0518e-12	-1.1062e+03
2452	56	2.2202e-11	7.1317e+02	-9.5541e-18	-2.0835e+02	4.4112e-15	1.3107e+05
	46	-2.2202e-11	-7.1317e+02	9.5541e-18	2.0835e+02	7.2421e-15	1.7987e+05
2453	66	4.2700e-12	1.1736e+03	-1.2262e-16	-3.4976e+02	-2.1748e-14	2.0420e+05
	56	-4.2700e-12	-1.1736e+03	1.2262e-16	3.4976e+02	1.1271e-14	1.5257e+05
2454	55	1.6638e-11	7.0995e+02	-4.1271e-17	1.2539e+02	9.0278e-15	1.3025e+05
	45	-1.6638e-11	-7.0995e+02	4.1271e-17	-1.2539e+02	7.8300e-15	1.7928e+05
2455	65	-1.8261e-11	1.1673e+03	6.8894e-17	1.0363e+02	1.8854e-14	2.0334e+05
	55	1.8261e-11	-1.1673e+03	-6.8894e-17	-1.0363e+02	1.2364e-14	1.5151e+05
2456	54	2.7980e-11	7.0826e+02	-3.1463e-17	1.6516e+01	-4.5658e-15	1.3023e+05
	44	-2.7980e-11	-7.0826e+02	3.1463e-17	-1.6516e+01	8.4299e-15	1.7857e+05
2457	64	2.0982e-11	1.1555e+03	-1.2262e-16	7.8481e+01	-2.1748e-14	2.0132e+05
	54	-2.0982e-11	-1.1555e+03	1.2262e-16	-7.8481e+01	1.1271e-14	1.4997e+05
2458	53	-2.8335e-11	7.0809e+02	3.2438e-17	-5.3363e+01	-8.0200e-15	1.3022e+05
	43	2.8335e-11	-7.0809e+02	-3.2438e-17	5.3363e+01	-5.9764e-15	1.7851e+05
2459	63	-1.2253e-11	1.1551e+03	8.4946e-17	-1.1271e+02	-1.1634e-14	2.0124e+05
	53	1.2253e-11	-1.1551e+03	-8.4946e-17	1.1271e+02	1.3380e-14	1.4993e+05
2460	52	-1.6991e-11	7.0809e+02	4.2043e-17	2.6498e+01	-6.3379e-15	1.3003e+05
	42	1.6991e-11	-7.0809e+02	-4.2043e-17	-2.6498e+01	7.5704e-15	1.7870e+05
2461	62	2.6991e-11	1.1628e+03	-1.1402e-16	9.2272e+01	2.1140e-14	2.0253e+05
	52	-2.6991e-11	-1.1628e+03	1.1402e-16	-9.2272e+01	1.8523e-14	1.5098e+05
2462	51	1.5835e-15	7.0623e+02	-4.2962e-17	-3.7806e+00	8.4767e-15	1.2958e+05
	41	-1.5835e-15	-7.0623e+02	4.2962e-17	3.7806e+00	5.7884e-15	1.7833e+05
2463	61	-3.2358e-14	1.1672e+03	-1.1432e-16	-4.4187e+00	2.2688e-14	2.0336e+05
	51	3.2358e-14	-1.1672e+03	1.1432e-16	4.4187e+00	1.3415e-14	1.5145e+05
2464	50	1.6960e-11	7.0804e+02	-3.4553e-17	-2.9548e+01	8.5824e-15	1.3002e+05
	40	-1.6960e-11	-7.0804e+02	3.4553e-17	2.9548e+01	-1.0072e-14	1.7869e+05
2465	60	-2.6991e-11	1.1628e+03	1.6682e-16	-9.5981e+01	2.1101e-14	2.0251e+05
	50	2.6991e-11	-1.1628e+03	-1.6682e-16	9.5981e+01	8.9526e-15	1.5097e+05
2466	49	2.8302e-11	7.0799e+02	3.2484e-17	5.0326e+01	6.4081e-15	1.3020e+05
	39	-2.8302e-11	-7.0799e+02	-3.2484e-17	-5.0326e+01	3.5820e-15	1.7848e+05
2467	59	1.2253e-11	1.1550e+03	8.4946e-17	1.0922e+02	-1.1634e-14	2.0120e+05
	49	-1.2253e-11	-1.1550e+03	-8.4946e-17	-1.0922e+02	1.3380e-14	1.4990e+05
2468	48	-2.7992e-11	7.0812e+02	4.3381e-17	-1.9285e+01	9.7371e-15	1.3021e+05
	38	2.7992e-11	-7.0812e+02	-4.3381e-17	1.9285e+01	8.7410e-15	1.7853e+05
2469	58	-2.0944e-11	1.1553e+03	-5.1245e-17	-8.1929e+01	-1.3743e-14	2.0128e+05
	48	2.0944e-11	-1.1553e+03	5.1245e-17	8.1929e+01	-1.3854e-14	1.4993e+05
2470	47	-1.6619e-11	7.0975e+02	-2.3643e-17	-1.2844e+02	-1.0855e-14	1.3022e+05
	37	1.6619e-11	-7.0975e+02	2.3643e-17	1.2844e+02	-6.4957e-15	1.7923e+05

2471	57	1.8253e-11	1.1669e+03	1.3309e-16	-1.0768e+02	1.5508e-14	2.0328e+05
	47	-1.8253e-11	-1.1669e+03	-1.3309e-16	1.0768e+02	1.2375e-14	1.5146e+05
2472	35	-2.2204e-11	7.1288e+02	-3.4553e-17	2.0488e+02	8.5824e-15	1.3102e+05
	34	2.2204e-11	-7.1288e+02	3.4553e-17	-2.0488e+02	-1.0072e-14	1.7980e+05
2473	36	-4.2582e-12	1.1731e+03	-1.2009e-16	3.4529e+02	-1.1366e-14	2.0412e+05
	35	4.2582e-12	-1.1731e+03	1.2009e-16	-3.4529e+02	-5.8028e-15	1.5251e+05
2474	33	1.1535e+03	-1.1042e+03	1.6596e+01	7.4182e+00	-5.2163e+03	-2.6257e+05
	66	-1.1535e+03	1.1042e+03	-1.6596e+01	-7.4182e+00	-1.8036e+03	-2.0451e+05
2475	22	-4.6141e+02	-1.4063e+03	4.2325e-01	7.4182e+00	-1.8334e+02	-3.1092e+05
	56	4.6141e+02	1.4063e+03	-4.2325e-01	-7.4182e+00	-3.5337e+01	-2.8396e+05
2476	21	-4.5706e+02	-1.3756e+03	1.0194e+00	7.4182e+00	-2.3388e+02	-3.0052e+05
	55	4.5706e+02	1.3756e+03	-1.0194e+00	-7.4182e+00	-1.9727e+02	-2.8134e+05
2477	32	1.1599e+03	-1.0825e+03	2.9831e+00	7.4182e+00	-6.1905e+02	-2.5488e+05
	65	-1.1599e+03	1.0825e+03	-2.9831e+00	-7.4182e+00	-6.4206e+02	-2.0302e+05
2478	20	-4.4764e+02	-1.3710e+03	1.6102e+00	7.4182e+00	-4.6907e+02	-2.9967e+05
	54	4.4764e+02	1.3710e+03	-1.6102e+00	-7.4182e+00	-2.1048e+02	-2.8025e+05
2479	19	-4.4697e+02	-1.3707e+03	-1.9087e-01	7.4182e+00	1.5951e+02	-2.9963e+05
	53	4.4697e+02	1.3707e+03	1.9087e-01	-7.4182e+00	8.4581e+01	-2.8018e+05
2480	8	-9.0312e+02	-1.0002e+03	-1.8960e+00	7.4182e+00	7.0236e+02	-2.4462e+05
	43	9.0312e+02	1.0002e+03	1.8960e+00	-7.4182e+00	9.1937e+01	-1.7848e+05
2481	9	-8.7422e+02	-1.0006e+03	4.3571e+00	7.4182e+00	-1.2815e+03	-2.4474e+05
	44	8.7422e+02	1.0006e+03	-4.3571e+00	-7.4182e+00	-5.6125e+02	-1.7852e+05
2482	10	-8.4821e+02	-1.0063e+03	-2.6521e+00	7.4182e+00	5.1035e+02	-2.4661e+05
	45	8.4821e+02	1.0063e+03	2.6521e+00	-7.4182e+00	6.0998e+02	-1.7905e+05
2483	11	-7.7958e+02	-1.0246e+03	-1.5268e+01	7.4182e+00	4.8319e+03	-2.5325e+05
	46	7.7958e+02	1.0246e+03	1.5268e+01	-7.4182e+00	1.6268e+03	-1.8016e+05
2484	31	1.1395e+03	-1.0712e+03	-4.5734e+00	7.4182e+00	1.4159e+03	-2.5180e+05
	64	-1.1395e+03	1.0712e+03	4.5734e+00	-7.4182e+00	5.1763e+02	-2.0134e+05
2485	30	1.1412e+03	-1.0707e+03	4.8994e+00	7.4182e+00	-1.5155e+03	-2.5165e+05
	63	-1.1412e+03	1.0707e+03	-4.8994e+00	-7.4182e+00	-5.5608e+02	-2.0126e+05
2486	18	-4.5548e+02	-1.3742e+03	8.0334e-01	7.4182e+00	-2.2570e+02	-3.0033e+05
	52	4.5548e+02	1.3742e+03	-8.0334e-01	-7.4182e+00	-1.1337e+02	-2.8095e+05
2487	6	-9.5047e+02	-1.0001e+03	1.8478e-01	7.4182e+00	-4.7458e+01	-2.4469e+05
	41	9.5047e+02	1.0001e+03	-1.8478e-01	-7.4182e+00	-3.0630e+01	-1.7833e+05
2488	29	1.1540e+03	-1.0786e+03	1.8146e-01	7.4182e+00	1.2236e+02	-2.5376e+05
	62	-1.1540e+03	1.0786e+03	-1.8146e-01	-7.4182e+00	-2.1714e+02	-2.0247e+05
2489	17	-4.6120e+02	-1.3739e+03	2.8431e-01	7.4182e+00	-7.0329e+01	-3.0017e+05
	51	4.6120e+02	1.3739e+03	-2.8431e-01	-7.4182e+00	-4.9933e+01	-2.8098e+05
2490	7	-9.6330e+02	-1.0028e+03	2.1436e+00	7.4182e+00	-6.6841e+02	-2.4545e+05
	42	9.6330e+02	1.0028e+03	-2.1436e+00	-7.4182e+00	-2.3632e+02	-1.7872e+05
2491	5	-9.6734e+02	-1.0027e+03	-1.2765e+00	7.4182e+00	4.4255e+02	-2.4543e+05
	40	9.6734e+02	1.0027e+03	1.2765e+00	-7.4182e+00	-1.0330e+02	-1.7871e+05
2492	28	1.1585e+03	-1.0869e+03	3.9401e-01	7.4182e+00	-9.7234e+01	-2.5630e+05
	61	-1.1585e+03	1.0869e+03	-3.9401e-01	-7.4182e+00	-6.9440e+01	-2.0344e+05
2493	16	-4.5524e+02	-1.3741e+03	-4.5272e-01	7.4182e+00	1.2000e+02	-3.0031e+05
	50	4.5524e+02	1.3741e+03	4.5272e-01	-7.4182e+00	6.6074e+01	-2.8093e+05
2494	27	1.1543e+03	-1.0785e+03	5.2577e-01	7.4182e+00	-3.0195e+02	-2.5375e+05
	60	-1.1543e+03	1.0785e+03	-5.2577e-01	-7.4182e+00	7.6201e+01	-2.0245e+05
2495	4	-9.0614e+02	-1.0001e+03	3.0143e+00	7.4182e+00	-9.7415e+02	-2.4458e+05
	39	9.0614e+02	1.0001e+03	-3.0143e+00	-7.4182e+00	-3.0755e+02	-1.7846e+05
2496	15	-4.4739e+02	-1.3705e+03	1.6255e+00	7.4182e+00	-4.7313e+02	-2.9959e+05
	49	4.4739e+02	1.3705e+03	-1.6255e+00	-7.4182e+00	-2.1354e+02	-2.8014e+05
2497	26	1.1406e+03	-1.0705e+03	-3.6124e+00	7.4182e+00	1.1955e+03	-2.5161e+05
	59	-1.1406e+03	1.0705e+03	3.6124e+00	-7.4182e+00	3.2984e+02	-2.0123e+05
2498	3	-8.8169e+02	-1.0004e+03	-3.3583e+00	7.4182e+00	1.0318e+03	-2.4469e+05

	38	8.8169e+02	1.0004e+03	3.3583e+00	-7.4182e+00	3.8998e+02	-1.7849e+05
2499	14	-4.4705e+02	-1.3707e+03	-1.4360e-01	7.4182e+00	1.5340e+02	-2.9960e+05
	48	4.4705e+02	1.3707e+03	1.4360e-01	-7.4182e+00	8.5396e+01	-2.8019e+05
2500	25	1.1400e+03	-1.0710e+03	5.8459e+00	7.4182e+00	-1.7330e+03	-2.5174e+05
	58	-1.1400e+03	1.0710e+03	-5.8459e+00	-7.4182e+00	-7.3932e+02	-2.0129e+05
2501	2	-8.6287e+02	-1.0060e+03	3.7379e+00	7.4182e+00	-7.8923e+02	-2.4654e+05
	37	8.6287e+02	1.0060e+03	-3.7379e+00	-7.4182e+00	-7.9143e+02	-1.7900e+05
2502	13	-4.5709e+02	-1.3752e+03	-4.8488e-01	7.4182e+00	1.2122e+02	-3.0043e+05
	47	4.5709e+02	1.3752e+03	4.8488e-01	-7.4182e+00	7.8722e+01	-2.8126e+05
2503	24	1.1621e+03	-1.0822e+03	-1.7402e+00	7.4182e+00	2.9789e+02	-2.5480e+05
	57	-1.1621e+03	1.0822e+03	1.7402e+00	-7.4182e+00	4.3448e+02	-2.0296e+05
2504	1	-7.8534e+02	-1.0242e+03	1.6065e+01	7.4182e+00	-5.0615e+03	-2.5315e+05
	34	7.8534e+02	1.0242e+03	-1.6065e+01	-7.4182e+00	-1.7348e+03	-1.8009e+05
2505	12	-4.6071e+02	-1.4058e+03	9.4139e-01	7.4182e+00	-3.2127e+02	-3.1079e+05
	35	4.6071e+02	1.4058e+03	-9.4139e-01	-7.4182e+00	-7.9116e+01	-2.8385e+05
2506	23	1.1511e+03	-1.1038e+03	-1.5654e+01	7.4182e+00	4.9474e+03	-2.6247e+05
	36	-1.1511e+03	1.1038e+03	1.5654e+01	-7.4182e+00	1.6744e+03	-2.0443e+05
654	1906	0.0000e+00	-6.5450e+01	0.0000e+00	7.3873e+03	0.0000e+00	4.7508e+03
	1905	0.0000e+00	-2.8722e+02	0.0000e+00	-1.4851e+04	0.0000e+00	5.2957e+02
655	1907	0.0000e+00	5.3620e+01	0.0000e+00	2.0767e+03	0.0000e+00	3.3589e+03
	1906	0.0000e+00	5.3281e+01	0.0000e+00	-7.3873e+03	0.0000e+00	-4.7508e+03
656	1908	0.0000e+00	5.1525e+01	0.0000e+00	-7.2773e+02	0.0000e+00	3.4336e+03
	1907	0.0000e+00	4.9821e+01	0.0000e+00	-2.0767e+03	0.0000e+00	-3.3589e+03
657	1909	0.0000e+00	6.8424e+01	0.0000e+00	-5.5669e+03	0.0000e+00	5.3903e+03
	1908	0.0000e+00	6.0963e+01	0.0000e+00	7.2773e+02	0.0000e+00	-3.4336e+03
658	1910	0.0000e+00	-1.9497e+02	0.0000e+00	-1.0975e+04	0.0000e+00	-1.7098e+04
	1909	0.0000e+00	6.8504e+01	0.0000e+00	5.5669e+03	0.0000e+00	-5.3903e+03
659	1911	0.0000e+00	6.9076e+01	0.0000e+00	5.5706e+03	0.0000e+00	5.4367e+03
	1910	0.0000e+00	-1.9499e+02	0.0000e+00	-1.0978e+04	0.0000e+00	1.7099e+04
660	1912	0.0000e+00	6.1288e+01	0.0000e+00	7.3191e+02	0.0000e+00	3.4391e+03
	1911	0.0000e+00	6.9083e+01	0.0000e+00	-5.5706e+03	0.0000e+00	-5.4367e+03
661	1913	0.0000e+00	5.0470e+01	0.0000e+00	-2.0671e+03	0.0000e+00	3.3561e+03
	1912	0.0000e+00	5.2015e+01	0.0000e+00	-7.3191e+02	0.0000e+00	-3.4391e+03
662	1914	0.0000e+00	6.1297e+01	0.0000e+00	-7.3707e+03	0.0000e+00	5.2988e+03
	1913	0.0000e+00	5.5591e+01	0.0000e+00	2.0671e+03	0.0000e+00	-3.3561e+03
663	1915	0.0000e+00	-2.8671e+02	0.0000e+00	-1.4822e+04	0.0000e+00	-4.7283e+02
	1914	0.0000e+00	-7.1052e+01	0.0000e+00	7.3707e+03	0.0000e+00	-5.2988e+03
664	1895	0.0000e+00	2.9818e+02	0.0000e+00	2.4540e+04	0.0000e+00	1.3436e+04
	1894	0.0000e+00	4.3403e+02	0.0000e+00	3.2551e+04	0.0000e+00	-1.4592e+03
665	1896	0.0000e+00	3.1991e+02	0.0000e+00	4.4355e+04	0.0000e+00	1.9659e+04
	1895	0.0000e+00	2.2441e+02	0.0000e+00	2.0408e+04	0.0000e+00	-1.3359e+04
666	1897	0.0000e+00	3.0587e+02	0.0000e+00	3.4328e+04	0.0000e+00	2.0582e+04
	1896	0.0000e+00	2.9150e+02	0.0000e+00	1.0995e+04	0.0000e+00	-1.9328e+04
667	1898	0.0000e+00	3.8050e+02	0.0000e+00	4.6460e+04	0.0000e+00	2.4272e+04
	1897	0.0000e+00	3.6045e+02	0.0000e+00	2.7080e+04	0.0000e+00	-2.0706e+04
668	1899	0.0000e+00	3.7729e+02	0.0000e+00	3.5994e+04	0.0000e+00	2.2116e+04
	1898	0.0000e+00	3.7555e+02	0.0000e+00	2.5917e+04	0.0000e+00	-2.4062e+04
669	1900	0.0000e+00	3.7891e+02	0.0000e+00	2.7337e+04	0.0000e+00	2.4387e+04
	1899	0.0000e+00	3.7738e+02	0.0000e+00	3.4770e+04	0.0000e+00	-2.2076e+04
670	1901	0.0000e+00	3.6419e+02	0.0000e+00	2.8432e+04	0.0000e+00	2.0839e+04
	1900	0.0000e+00	3.8421e+02	0.0000e+00	4.5812e+04	0.0000e+00	-2.4523e+04
671	1902	0.0000e+00	2.9992e+02	0.0000e+00	1.2641e+04	0.0000e+00	2.0072e+04
	1901	0.0000e+00	3.0838e+02	0.0000e+00	3.3308e+04	0.0000e+00	-2.0641e+04
672	1903	0.0000e+00	2.2248e+02	0.0000e+00	2.2064e+04	0.0000e+00	1.2928e+04
	1902	0.0000e+00	3.2771e+02	0.0000e+00	4.4209e+04	0.0000e+00	-2.0345e+04

673	1904	0.0000e+00	4.7481e+02	0.0000e+00	3.7800e+04	0.0000e+00	1.5797e+03
	1903	0.0000e+00	3.0736e+02	0.0000e+00	2.1760e+04	0.0000e+00	-1.2962e+04

SFORZI "Dinamica SLDh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-1.4376e+03	4.7715e-18	-8.3596e-18	-8.8858e-01	0.0000e+00	0.0000e+00
	1923	1.4376e+03	-4.7715e-18	8.3596e-18	8.8858e-01	0.0000e+00	0.0000e+00
2	1916	7.9708e+02	0.0000e+00	0.0000e+00	-7.5426e-01	0.0000e+00	0.0000e+00
	1921	-7.9708e+02	0.0000e+00	0.0000e+00	7.5426e-01	0.0000e+00	0.0000e+00
3	2085	-7.6714e+02	1.3936e-17	-1.5630e-18	-5.1711e-01	0.0000e+00	0.0000e+00
	1918	7.6714e+02	-1.3936e-17	1.5630e-18	5.1711e-01	0.0000e+00	0.0000e+00
4	2008	1.8431e+03	-1.2167e-17	1.3027e-17	-6.5508e-02	0.0000e+00	0.0000e+00
	2079	-1.8431e+03	1.2167e-17	-1.3027e-17	6.5508e-02	0.0000e+00	0.0000e+00
5	1919	9.5260e+02	-1.0507e-18	4.9181e-18	1.1576e-01	0.0000e+00	0.0000e+00
	2056	-9.5260e+02	1.0507e-18	-4.9181e-18	-1.1576e-01	0.0000e+00	0.0000e+00
6	2098	-8.9285e+02	9.1604e-18	-1.0569e-17	2.8717e-01	0.0000e+00	0.0000e+00
	1937	8.9285e+02	-9.1604e-18	1.0569e-17	-2.8717e-01	0.0000e+00	0.0000e+00
7	2042	7.9823e+02	1.3195e-17	5.6802e-18	-2.0482e-01	0.0000e+00	0.0000e+00
	2107	-7.9823e+02	-1.3195e-17	-5.6802e-18	2.0482e-01	0.0000e+00	0.0000e+00
8	1925	9.0283e+02	-1.1346e-17	-2.4725e-18	-2.0720e-01	0.0000e+00	0.0000e+00
	2008	-9.0283e+02	1.1346e-17	2.4725e-18	2.0720e-01	0.0000e+00	0.0000e+00
9	2109	-3.8677e+02	5.6007e-17	-1.2899e-17	-3.0606e-01	0.0000e+00	0.0000e+00
	2123	3.8677e+02	-5.6007e-17	1.2899e-17	3.0606e-01	0.0000e+00	0.0000e+00
10	2084	2.5351e+02	-1.3356e-17	-2.5271e-18	-1.5830e-01	0.0000e+00	0.0000e+00
	2106	-2.5351e+02	1.3356e-17	2.5271e-18	1.5830e-01	0.0000e+00	0.0000e+00
11	2083	-1.5288e+02	-1.9108e-19	1.5009e-19	-2.2861e-01	0.0000e+00	0.0000e+00
	2078	1.5288e+02	1.9108e-19	-1.5009e-19	2.2861e-01	0.0000e+00	0.0000e+00
12	2058	-1.4555e+02	-1.8045e-19	1.3909e-19	-2.2939e-01	0.0000e+00	0.0000e+00
	2077	1.4555e+02	1.8045e-19	-1.3909e-19	2.2939e-01	0.0000e+00	0.0000e+00
13	2041	-2.1816e+02	-1.3828e-17	-2.5156e-18	-1.6101e-01	0.0000e+00	0.0000e+00
	2055	2.1816e+02	1.3828e-17	2.5156e-18	1.6101e-01	0.0000e+00	0.0000e+00
14	2024	-3.3866e+02	5.7404e-17	-1.3258e-17	-3.1239e-01	0.0000e+00	0.0000e+00
	2038	3.3866e+02	-5.7404e-17	1.3258e-17	3.1239e-01	0.0000e+00	0.0000e+00
15	2007	-7.6626e+02	-1.2208e-17	-2.6165e-18	-1.7183e-01	0.0000e+00	0.0000e+00
	2021	7.6626e+02	1.2208e-17	2.6165e-18	1.7183e-01	0.0000e+00	0.0000e+00
16	1982	-1.4351e+03	4.8719e-18	-8.3972e-18	-9.9653e-01	0.0000e+00	0.0000e+00
	2012	1.4351e+03	-4.8719e-18	8.3972e-18	9.9653e-01	0.0000e+00	0.0000e+00
17	1985	7.9433e+02	0.0000e+00	0.0000e+00	-7.5453e-01	0.0000e+00	0.0000e+00
	2010	-7.9433e+02	0.0000e+00	0.0000e+00	7.5453e-01	0.0000e+00	0.0000e+00
18	1998	-8.1480e+02	1.4289e-17	-1.6677e-18	-4.9454e-01	0.0000e+00	0.0000e+00
	2007	8.1480e+02	-1.4289e-17	1.6677e-18	4.9454e-01	0.0000e+00	0.0000e+00
19	1995	7.4553e+02	1.3682e-17	5.7348e-18	-2.1483e-01	0.0000e+00	0.0000e+00
	2004	-7.4553e+02	-1.3682e-17	-5.7348e-18	2.1483e-01	0.0000e+00	0.0000e+00
20	1992	1.6998e+03	3.9221e-18	-4.2403e-18	-6.7831e-02	0.0000e+00	0.0000e+00
	2001	-1.6998e+03	-3.9221e-18	4.2403e-18	6.7831e-02	0.0000e+00	0.0000e+00
21	1989	9.0358e+02	-1.0628e-18	4.7951e-18	1.2681e-01	0.0000e+00	0.0000e+00
	2000	-9.0358e+02	1.0628e-18	-4.7951e-18	-1.2681e-01	0.0000e+00	0.0000e+00
22	1988	-9.2006e+02	-2.3908e-19	4.7007e-18	2.7006e-01	0.0000e+00	0.0000e+00
	1928	9.2006e+02	2.3908e-19	-4.7007e-18	-2.7006e-01	0.0000e+00	0.0000e+00
643	1905	-1.7806e+02	5.6699e-14	5.0570e-13	4.7669e+02	0.0000e+00	0.0000e+00
	1960	1.7806e+02	-5.6699e-14	-5.0570e-13	-4.7669e+02	0.0000e+00	0.0000e+00
644	1906	1.5701e+02	-3.4224e-14	5.0647e-13	3.7295e+02	0.0000e+00	0.0000e+00
	1961	-1.5701e+02	3.4224e-14	-5.0647e-13	-3.7295e+02	0.0000e+00	0.0000e+00
645	1907	9.7501e+00	8.7021e-15	5.0728e-13	-3.2360e+02	0.0000e+00	0.0000e+00
	1962	-9.7501e+00	-8.7021e-15	-5.0728e-13	3.2360e+02	0.0000e+00	0.0000e+00

646	1908	-8.3161e+00	-6.6521e-15	5.0761e-13	-3.0611e+02	0.0000e+00	0.0000e+00
	1963	8.3161e+00	6.6521e-15	-5.0761e-13	3.0611e+02	0.0000e+00	0.0000e+00
647	1909	2.0796e+00	2.1184e-15	5.0790e-13	-2.9341e+02	0.0000e+00	0.0000e+00
	1964	-2.0796e+00	-2.1184e-15	-5.0790e-13	2.9341e+02	0.0000e+00	0.0000e+00
648	1910	-4.0840e-01	-4.4274e-16	5.0797e-13	-2.9172e+02	0.0000e+00	0.0000e+00
	1965	4.0840e-01	4.4274e-16	-5.0797e-13	2.9172e+02	0.0000e+00	0.0000e+00
649	1911	-2.0321e+00	-2.0191e-15	5.0792e-13	-2.9789e+02	0.0000e+00	0.0000e+00
	1966	2.0321e+00	2.0191e-15	-5.0792e-13	2.9789e+02	0.0000e+00	0.0000e+00
650	1912	8.9935e+00	6.5500e-15	5.0765e-13	-3.1703e+02	0.0000e+00	0.0000e+00
	1967	-8.9935e+00	-6.5500e-15	-5.0765e-13	3.1703e+02	0.0000e+00	0.0000e+00
651	1913	-1.0601e+01	-8.8712e-15	5.0734e-13	-3.3990e+02	0.0000e+00	0.0000e+00
	1968	1.0601e+01	8.8712e-15	-5.0734e-13	3.3990e+02	0.0000e+00	0.0000e+00
652	1914	-1.5664e+02	3.5184e-14	5.0658e-13	4.0005e+02	0.0000e+00	0.0000e+00
	1969	1.5664e+02	-3.5184e-14	-5.0658e-13	-4.0005e+02	0.0000e+00	0.0000e+00
653	1915	1.5577e+02	-5.3803e-14	5.0649e-13	3.5173e+02	0.0000e+00	0.0000e+00
	1970	-1.5577e+02	5.3803e-14	-5.0649e-13	-3.5173e+02	0.0000e+00	0.0000e+00
237	2116	4.1241e+02	1.9454e+02	-2.9628e+02	-1.5402e+03	1.9790e+04	2.3040e+04
	2079	-4.1241e+02	-1.9454e+02	2.9628e+02	1.5402e+03	9.8760e+03	-4.7653e+03
238	1959	3.9523e+02	2.0848e+02	-2.4178e+02	-3.4460e+02	2.3012e+04	2.5733e+04
	2116	-3.9523e+02	-2.0848e+02	2.4178e+02	3.4460e+02	-1.9847e+04	-2.2991e+04
239	2110	-3.7940e+02	-2.0746e+02	-2.4832e+02	-1.4006e+03	1.7875e+04	-2.1898e+04
	1919	3.7940e+02	2.0746e+02	2.4832e+02	1.4006e+03	7.0565e+03	3.4814e+03
240	1958	-3.8368e+02	-1.9588e+02	-2.6563e+02	-3.2087e+02	2.1490e+04	-2.4390e+04
	2110	3.8368e+02	1.9588e+02	2.6563e+02	3.2087e+02	-1.7927e+04	2.1829e+04
241	2121	-9.7717e+00	-7.7992e+00	-2.2459e+02	-1.3385e+03	1.6469e+04	-9.3458e+02
	2120	9.7717e+00	7.7992e+00	2.2459e+02	1.3385e+03	6.0751e+03	2.5506e+02
242	1957	-6.9682e+00	-7.4344e+00	-2.9533e+02	-3.4355e+02	2.0487e+04	-1.0515e+03
	2121	6.9682e+00	7.4344e+00	2.9533e+02	3.4355e+02	-1.6520e+04	9.5393e+02
243	2104	7.3763e+00	6.2400e+00	-2.1499e+02	-1.3150e+03	1.5906e+04	8.7311e+02
	2103	-7.3763e+00	-6.2400e+00	2.1499e+02	1.3150e+03	5.6758e+03	-2.8970e+02
244	1956	5.1490e+00	5.9319e+00	-3.0714e+02	-3.5402e+02	2.0083e+04	9.5215e+02
	2104	-5.1490e+00	-5.9319e+00	3.0714e+02	3.5402e+02	-1.5956e+04	-8.7382e+02
245	2074	-2.4963e+00	-1.7032e+00	-2.0717e+02	-1.2973e+03	1.5444e+04	-2.1389e+02
	2072	2.4963e+00	1.7032e+00	2.0717e+02	1.2973e+03	5.3542e+03	1.1927e+02
246	1955	-1.8370e+00	-1.6207e+00	-3.1675e+02	-3.6414e+02	1.9751e+04	-2.3296e+02
	2074	1.8370e+00	1.6207e+00	3.1675e+02	3.6414e+02	-1.5494e+04	2.1447e+02
247	2073	-1.9388e-01	-3.3389e-01	-2.0587e+02	-1.2948e+03	1.5349e+04	-5.2806e+01
	2071	1.9388e-01	3.3389e-01	2.0587e+02	1.2948e+03	5.3176e+03	3.3081e+01
248	1954	-1.1710e-01	-3.2131e-01	-3.1909e+02	-3.6735e+02	1.9687e+04	-5.6325e+01
	2073	1.1710e-01	3.2131e-01	3.1909e+02	3.6735e+02	-1.5399e+04	5.2834e+01
249	2053	-2.4822e+00	1.3104e+00	-2.0942e+02	-1.3032e+03	1.5517e+04	1.8419e+02
	2052	2.4822e+00	-1.3104e+00	2.0942e+02	1.3032e+03	5.4997e+03	-8.9551e+01
250	1953	-1.8488e+00	1.2359e+00	-3.1593e+02	-3.6555e+02	1.9811e+04	1.9956e+02
	2053	1.8488e+00	-1.2359e+00	3.1593e+02	3.6555e+02	-1.5567e+04	-1.8460e+02
251	2036	-7.8012e+00	-5.9594e+00	-2.2044e+02	-1.3293e+03	1.6086e+04	-9.8116e+02
	2035	7.8012e+00	5.9594e+00	2.2044e+02	1.3293e+03	6.0273e+03	4.0795e+02
252	1952	-5.5198e+00	-5.6501e+00	-3.0509e+02	-3.5733e+02	2.0231e+04	-1.0570e+03
	2036	5.5198e+00	5.6501e+00	3.0509e+02	3.5733e+02	-1.6137e+04	9.8204e+02
253	2019	-1.0617e+01	7.1298e+00	-2.3275e+02	-1.3599e+03	1.6743e+04	1.0286e+03
	2018	1.0617e+01	-7.1298e+00	2.3275e+02	1.3599e+03	6.6000e+03	-3.4473e+02
254	1951	-7.6876e+00	6.7641e+00	-2.9218e+02	-3.4824e+02	2.0710e+04	1.1336e+03
	2019	7.6876e+00	-6.7641e+00	2.9218e+02	3.4824e+02	-1.6795e+04	-1.0438e+03
255	2002	4.2327e+02	1.6783e+02	-2.6193e+02	-1.4370e+03	1.8353e+04	1.9260e+04
	2001	-4.2327e+02	-1.6783e+02	2.6193e+02	1.4370e+03	7.9250e+03	-4.7647e+03
256	1950	4.0704e+02	1.8090e+02	-2.6009e+02	-3.2817e+02	2.1874e+04	2.1517e+04

		2002	-4.0704e+02	-1.8090e+02	2.6009e+02	3.2817e+02	-1.8406e+04	-1.9196e+04
257	1990	-3.8848e+02	-2.0090e+02	-2.4052e+02	-1.3652e+03	1.7870e+04	-2.2060e+04	
	1989	3.8848e+02	2.0090e+02	2.4052e+02	1.3652e+03	6.4519e+03	3.4872e+03	
258	1939	-3.9180e+02	-1.9059e+02	-2.5587e+02	-2.8629e+02	2.1364e+04	-2.4512e+04	
	1990	3.9180e+02	1.9059e+02	2.5587e+02	2.8629e+02	-1.7920e+04	2.2015e+04	
259	36	-3.2489e+02	-5.6019e-14	-6.1144e+02	2.1520e+00	6.1144e+03	0.0000e+00	
	1939	3.2489e+02	5.6019e-14	6.1144e+02	-2.1520e+00	0.0000e+00	0.0000e+00	
260	2110	-1.0474e+02	4.0562e-16	-1.6517e-15	4.9123e+01	0.0000e+00	0.0000e+00	
	2116	1.0474e+02	-4.0562e-16	1.6517e-15	-4.9123e+01	0.0000e+00	0.0000e+00	
261	2121	-1.4751e+02	3.5957e-17	6.1482e-16	-2.0327e+01	0.0000e+00	0.0000e+00	
	2110	1.4751e+02	-3.5957e-17	-6.1482e-16	2.0327e+01	0.0000e+00	0.0000e+00	
262	2104	-1.3295e+02	0.0000e+00	0.0000e+00	1.3107e+00	0.0000e+00	0.0000e+00	
	2121	1.3295e+02	0.0000e+00	0.0000e+00	-1.3107e+00	0.0000e+00	0.0000e+00	
263	2074	-9.7605e+01	-1.2298e-17	-2.8715e-17	-7.0065e-01	0.0000e+00	0.0000e+00	
	2104	9.7605e+01	1.2298e-17	2.8715e-17	7.0065e-01	0.0000e+00	0.0000e+00	
264	2073	-5.0368e+01	-9.8298e-18	-4.5184e-15	4.4957e-01	0.0000e+00	0.0000e+00	
	2074	5.0368e+01	9.8298e-18	4.5184e-15	-4.4957e-01	0.0000e+00	0.0000e+00	
265	2053	2.1793e+01	-1.9724e-17	4.5794e-17	4.5574e-01	0.0000e+00	0.0000e+00	
	2073	-2.1793e+01	1.9724e-17	-4.5794e-17	-4.5574e-01	0.0000e+00	0.0000e+00	
266	2036	5.8647e+01	3.1018e-15	5.9417e-17	-7.1664e-01	0.0000e+00	0.0000e+00	
	2053	-5.8647e+01	-3.1018e-15	-5.9417e-17	7.1664e-01	0.0000e+00	0.0000e+00	
267	2019	8.5588e+01	3.4728e-17	-1.5757e-16	1.4552e+00	0.0000e+00	0.0000e+00	
	2036	-8.5588e+01	-3.4728e-17	1.5757e-16	-1.4552e+00	0.0000e+00	0.0000e+00	
268	2002	8.8019e+01	-6.7464e-17	0.0000e+00	-1.8698e+01	0.0000e+00	0.0000e+00	
	2019	-8.8019e+01	6.7464e-17	0.0000e+00	1.8698e+01	0.0000e+00	0.0000e+00	
269	1990	3.0573e+01	-7.5216e-17	-2.6991e-15	4.5182e+01	0.0000e+00	0.0000e+00	
	2002	-3.0573e+01	7.5216e-17	2.6991e-15	-4.5182e+01	0.0000e+00	0.0000e+00	
270	77	0.0000e+00	-3.3702e+01	0.0000e+00	2.2480e+03	0.0000e+00	-5.2219e+03	
	1894	0.0000e+00	3.3702e+01	0.0000e+00	-2.2480e+03	0.0000e+00	-9.5010e+03	
271	11	0.0000e+00	-2.0535e+01	0.0000e+00	1.4331e+03	0.0000e+00	-2.2775e+03	
	77	0.0000e+00	2.0535e+01	0.0000e+00	-1.4331e+03	0.0000e+00	1.4585e+03	
272	67	0.0000e+00	3.4757e+01	0.0000e+00	2.2006e+03	0.0000e+00	5.3049e+03	
	1904	0.0000e+00	-3.4757e+01	0.0000e+00	-2.2006e+03	0.0000e+00	9.4935e+03	
273	1	0.0000e+00	2.0110e+01	0.0000e+00	1.4238e+03	0.0000e+00	2.2856e+03	
	67	0.0000e+00	-2.0110e+01	0.0000e+00	-1.4238e+03	0.0000e+00	-1.4803e+03	
274	72	0.0000e+00	-1.3619e+00	0.0000e+00	5.7815e+02	0.0000e+00	-1.1147e+02	
	1899	0.0000e+00	1.3619e+00	0.0000e+00	-5.7815e+02	0.0000e+00	-3.6382e+02	
275	6	0.0000e+00	3.3295e-01	0.0000e+00	1.5415e+03	0.0000e+00	-1.1850e+01	
	72	0.0000e+00	-3.3295e-01	0.0000e+00	-1.5415e+03	0.0000e+00	2.6959e+01	
276	76	0.0000e+00	1.0780e+01	0.0000e+00	4.5754e+02	0.0000e+00	9.8620e+02	
	1895	0.0000e+00	-1.0780e+01	0.0000e+00	-4.5754e+02	0.0000e+00	2.8548e+03	
277	10	0.0000e+00	2.5146e+01	0.0000e+00	1.4524e+03	0.0000e+00	1.1003e+03	
	76	0.0000e+00	-2.5146e+01	0.0000e+00	-1.4524e+03	0.0000e+00	-2.2570e+02	
278	75	0.0000e+00	-8.8460e+00	0.0000e+00	6.3801e+02	0.0000e+00	-1.1261e+03	
	1896	0.0000e+00	8.8460e+00	0.0000e+00	-6.3801e+02	0.0000e+00	-2.1546e+03	
279	9	0.0000e+00	-1.3818e+01	0.0000e+00	1.5195e+03	0.0000e+00	-8.7712e+02	
	75	0.0000e+00	1.3818e+01	0.0000e+00	-1.5195e+03	0.0000e+00	2.7041e+02	
280	74	0.0000e+00	1.7526e+01	0.0000e+00	6.4138e+02	0.0000e+00	2.3988e+03	
	1897	0.0000e+00	-1.7526e+01	0.0000e+00	-6.4138e+02	0.0000e+00	3.7641e+03	
281	8	0.0000e+00	1.0495e+01	0.0000e+00	1.5274e+03	0.0000e+00	1.0316e+03	
	74	0.0000e+00	-1.0495e+01	0.0000e+00	-1.5274e+03	0.0000e+00	-5.7171e+02	
282	73	0.0000e+00	-6.4734e+00	0.0000e+00	4.3785e+02	0.0000e+00	-8.2851e+02	
	1898	0.0000e+00	6.4734e+00	0.0000e+00	-4.3785e+02	0.0000e+00	-1.4871e+03	
283	7	0.0000e+00	-3.7091e+00	0.0000e+00	1.6172e+03	0.0000e+00	-3.5479e+02	
	73	0.0000e+00	3.7091e+00	0.0000e+00	-1.6172e+03	0.0000e+00	2.0102e+02	

284	71	0.0000e+00	4.6927e+00	0.0000e+00	4.3814e+02	0.0000e+00	6.7335e+02
	1900	0.0000e+00	-4.6927e+00	0.0000e+00	-4.3814e+02	0.0000e+00	1.0596e+03
285	5	0.0000e+00	4.1370e+00	0.0000e+00	1.6169e+03	0.0000e+00	3.4041e+02
	71	0.0000e+00	-4.1370e+00	0.0000e+00	-1.6169e+03	0.0000e+00	-1.6316e+02
286	70	0.0000e+00	-1.7442e+01	0.0000e+00	6.4448e+02	0.0000e+00	-2.4102e+03
	1901	0.0000e+00	1.7442e+01	0.0000e+00	-6.4448e+02	0.0000e+00	-3.6994e+03
287	4	0.0000e+00	-1.0559e+01	0.0000e+00	1.5262e+03	0.0000e+00	-1.0324e+03
	70	0.0000e+00	1.0559e+01	0.0000e+00	-1.5262e+03	0.0000e+00	5.7403e+02
288	69	0.0000e+00	8.7823e+00	0.0000e+00	6.3552e+02	0.0000e+00	1.1642e+03
	1902	0.0000e+00	-8.7823e+00	0.0000e+00	-6.3552e+02	0.0000e+00	2.1198e+03
289	3	0.0000e+00	1.4045e+01	0.0000e+00	1.5261e+03	0.0000e+00	8.9691e+02
	69	0.0000e+00	-1.4045e+01	0.0000e+00	-1.5261e+03	0.0000e+00	-2.7789e+02
290	68	0.0000e+00	-7.2827e+00	0.0000e+00	4.5214e+02	0.0000e+00	-7.7930e+02
	1903	0.0000e+00	7.2827e+00	0.0000e+00	-4.5214e+02	0.0000e+00	-1.8577e+03
291	2	0.0000e+00	-2.4640e+01	0.0000e+00	1.4549e+03	0.0000e+00	-1.1084e+03
	68	0.0000e+00	2.4640e+01	0.0000e+00	-1.4549e+03	0.0000e+00	1.7467e+02
292	57	3.1002e+02	1.8027e-14	-6.1103e+02	2.3631e+00	6.1103e+03	0.0000e+00
	1950	-3.1002e+02	-1.8027e-14	6.1103e+02	-2.3631e+00	0.0000e+00	0.0000e+00
293	34	-7.0057e+02	-9.1993e-15	-3.8948e+02	1.2005e+00	5.0632e+03	0.0000e+00
	1938	7.0057e+02	9.1993e-15	3.8948e+02	-1.2005e+00	0.0000e+00	0.0000e+00
294	37	4.5446e+02	1.7719e-15	-3.8878e+02	1.1592e+00	5.0541e+03	0.0000e+00
	1940	-4.5446e+02	-1.7719e-15	3.8878e+02	-1.1592e+00	0.0000e+00	0.0000e+00
295	38	-1.3449e+02	9.3406e-16	-3.8648e+02	1.1695e+00	5.0242e+03	0.0000e+00
	1941	1.3449e+02	-9.3406e-16	3.8648e+02	-1.1695e+00	0.0000e+00	0.0000e+00
296	39	-1.1432e+02	-6.1341e-16	-3.8545e+02	1.1757e+00	5.0109e+03	0.0000e+00
	1942	1.1432e+02	6.1341e-16	3.8545e+02	-1.1757e+00	0.0000e+00	0.0000e+00
297	40	2.3339e+01	4.2000e-16	-3.8449e+02	1.1820e+00	4.9983e+03	0.0000e+00
	1943	-2.3339e+01	-4.2000e-16	3.8449e+02	-1.1820e+00	0.0000e+00	0.0000e+00
298	41	-7.2545e+00	8.0121e-17	-3.8431e+02	1.1825e+00	4.9960e+03	0.0000e+00
	1944	7.2545e+00	-8.0121e-17	3.8431e+02	-1.1825e+00	0.0000e+00	0.0000e+00
299	42	-3.3712e+01	3.4025e-16	-3.8452e+02	1.1781e+00	4.9987e+03	0.0000e+00
	1945	3.3712e+01	-3.4025e-16	3.8452e+02	-1.1781e+00	0.0000e+00	0.0000e+00
300	43	1.2477e+02	5.5084e-16	-3.8553e+02	1.1668e+00	5.0119e+03	0.0000e+00
	1946	-1.2477e+02	-5.5084e-16	3.8553e+02	-1.1668e+00	0.0000e+00	0.0000e+00
301	44	-1.5663e+02	7.8867e-16	-3.8658e+02	1.1573e+00	5.0256e+03	0.0000e+00
	1947	1.5663e+02	-7.8867e-16	3.8658e+02	-1.1573e+00	0.0000e+00	0.0000e+00
302	45	-4.1571e+02	-2.0010e-15	-3.8896e+02	1.1380e+00	5.0565e+03	0.0000e+00
	1948	4.1571e+02	2.0010e-15	3.8896e+02	-1.1380e+00	0.0000e+00	0.0000e+00
303	46	7.3208e+02	9.2688e-15	-3.8972e+02	1.1087e+00	5.0663e+03	0.0000e+00
	1949	-7.3208e+02	-9.2688e-15	3.8972e+02	-1.1087e+00	0.0000e+00	0.0000e+00
304	66	3.6367e+02	5.8085e-14	-6.1207e+02	2.5045e+00	6.1207e+03	0.0000e+00
	1959	-3.6367e+02	-5.8085e-14	6.1207e+02	-2.5045e+00	0.0000e+00	0.0000e+00
305	65	-3.2716e+02	-1.7221e-14	-6.1248e+02	2.3108e+00	6.1248e+03	0.0000e+00
	1958	3.2716e+02	1.7221e-14	6.1248e+02	-2.3108e+00	0.0000e+00	0.0000e+00
306	64	-1.4232e+01	-2.6102e-15	-6.1075e+02	2.3503e+00	6.1075e+03	0.0000e+00
	1957	1.4232e+01	2.6102e-15	6.1075e+02	-2.3503e+00	0.0000e+00	0.0000e+00
307	63	1.1944e+01	-1.8891e-15	-6.0975e+02	2.3699e+00	6.0975e+03	0.0000e+00
	1956	-1.1944e+01	1.8891e-15	6.0975e+02	-2.3699e+00	0.0000e+00	0.0000e+00
308	62	-3.0377e+00	-1.2194e-15	-6.0851e+02	2.3911e+00	6.0851e+03	0.0000e+00
	1955	3.0377e+00	1.2194e-15	6.0851e+02	-2.3911e+00	0.0000e+00	0.0000e+00
309	61	-6.3460e-01	-3.5580e-16	-6.0827e+02	2.3992e+00	6.0827e+03	0.0000e+00
	1954	6.3460e-01	3.5580e-16	6.0827e+02	-2.3992e+00	0.0000e+00	0.0000e+00
310	60	2.5074e+00	-1.3603e-15	-6.0825e+02	2.3987e+00	6.0825e+03	0.0000e+00
	1953	-2.5074e+00	1.3603e-15	6.0825e+02	-2.3987e+00	0.0000e+00	0.0000e+00
311	59	-1.2231e+01	1.8192e-15	-6.0913e+02	2.3890e+00	6.0913e+03	0.0000e+00

	1952	1.2231e+01	-1.8192e-15	6.0913e+02	-2.3890e+00	0.0000e+00	0.0000e+00
312	58	1.4043e+01	-2.7814e-15	-6.0986e+02	2.3800e+00	6.0986e+03	0.0000e+00
	1951	-1.4043e+01	2.7814e-15	6.0986e+02	-2.3800e+00	0.0000e+00	0.0000e+00
313	1936	6.7450e+02	1.1303e-16	-1.6909e-15	-5.4233e+00	0.0000e+00	0.0000e+00
	1937	-6.7450e+02	-1.1303e-16	1.6909e-15	5.4233e+00	0.0000e+00	0.0000e+00
314	1935	5.1925e+02	-3.8651e-18	6.3538e-16	-1.6701e+00	0.0000e+00	0.0000e+00
	1936	-5.1925e+02	3.8651e-18	-6.3538e-16	1.6701e+00	0.0000e+00	0.0000e+00
315	1934	3.7038e+02	0.0000e+00	0.0000e+00	1.9192e+00	0.0000e+00	0.0000e+00
	1935	-3.7038e+02	0.0000e+00	0.0000e+00	-1.9192e+00	0.0000e+00	0.0000e+00
316	1933	2.1994e+02	3.6670e-18	-2.8677e-17	-8.7412e-01	0.0000e+00	0.0000e+00
	1934	-2.1994e+02	-3.6670e-18	2.8677e-17	8.7412e-01	0.0000e+00	0.0000e+00
317	1932	6.1996e+01	3.0083e-18	-1.1106e-15	4.2689e-01	0.0000e+00	0.0000e+00
	1933	-6.1996e+01	-3.0083e-18	1.1106e-15	-4.2689e-01	0.0000e+00	0.0000e+00
318	1931	-8.8601e+01	6.0116e-18	5.1168e-17	4.2607e-01	0.0000e+00	0.0000e+00
	1932	8.8601e+01	-6.0116e-18	-5.1168e-17	-4.2607e-01	0.0000e+00	0.0000e+00
319	1930	-2.4709e+02	-9.6746e-16	5.8984e-17	-8.7435e-01	0.0000e+00	0.0000e+00
	1931	2.4709e+02	9.6746e-16	-5.8984e-17	8.7435e-01	0.0000e+00	0.0000e+00
320	1929	-3.9874e+02	-1.0743e-17	-2.2796e-16	1.9142e+00	0.0000e+00	0.0000e+00
	1930	3.9874e+02	1.0743e-17	2.2796e-16	-1.9142e+00	0.0000e+00	0.0000e+00
321	1928	-5.4932e+02	-2.8046e-17	0.0000e+00	3.5902e+00	0.0000e+00	0.0000e+00
	1929	5.4932e+02	2.8046e-17	0.0000e+00	-3.5902e+00	0.0000e+00	0.0000e+00
322	1927	1.1243e+02	-2.2914e-17	-2.7573e-15	-5.3919e+00	0.0000e+00	0.0000e+00
	1928	-1.1243e+02	2.2914e-17	2.7573e-15	5.3919e+00	0.0000e+00	0.0000e+00
323	1937	3.9973e+02	-2.6197e+01	-8.1790e+01	-1.2831e-01	8.0199e-03	-5.1811e+00
	1960	-3.9973e+02	2.6197e+01	8.1790e+01	1.2831e-01	5.9053e+03	-1.8877e+03
324	1936	9.1021e+00	-6.7481e+00	-7.7822e+01	4.3325e-12	-1.4799e-10	7.0672e+00
	1961	-9.1021e+00	6.7481e+00	7.7822e+01	-4.3325e-12	5.6189e+03	-4.9024e+02
325	1935	-2.0891e+00	1.5488e+00	-8.1883e+01	-1.8258e-12	-1.0691e-10	2.5525e+00
	1962	2.0891e+00	-1.5488e+00	8.1883e+01	1.8258e-12	5.9120e+03	-1.1001e+02
326	1934	1.5518e+00	-1.1505e+00	-8.3465e+01	3.9500e-12	-1.1274e-10	-2.7810e+00
	1963	-1.5518e+00	1.1505e+00	8.3465e+01	-3.9500e-12	6.0262e+03	-8.4015e+01
327	1933	-5.3117e-01	3.9380e-01	-8.4805e+01	-3.5402e-11	-5.0031e-11	1.2823e+00
	1964	5.3117e-01	-3.9380e-01	8.4805e+01	3.5402e-11	6.1230e+03	2.7866e+01
328	1932	-4.8936e-02	3.6280e-02	-8.5288e+01	7.3924e-12	2.1371e-10	-1.1550e-03
	1965	4.8936e-02	-3.6280e-02	8.5288e+01	-7.3924e-12	6.1579e+03	2.6199e+00
329	1931	-5.1517e-01	3.8194e-01	-8.5290e+01	2.1321e-11	-1.9352e-10	-1.2820e+00
	1966	5.1517e-01	-3.8194e-01	8.5290e+01	-2.1321e-11	6.1580e+03	2.6893e+01
330	1930	-1.6080e+00	1.1922e+00	-8.4602e+01	3.7892e-12	-1.9682e-10	2.7769e+00
	1967	1.6080e+00	-1.1922e+00	8.4602e+01	-3.7892e-12	6.1084e+03	8.7106e+01
331	1929	-2.2040e+00	1.6340e+00	-8.3502e+01	2.0510e-12	5.5339e-11	-3.4191e+00
	1968	2.2040e+00	-1.6340e+00	8.3502e+01	-2.0510e-12	6.0289e+03	1.1660e+02
332	1928	4.1178e+02	-2.7081e+01	-8.0376e+01	-1.2067e-01	7.5422e-03	-8.7178e+00
	1969	-4.1178e+02	2.7081e+01	8.0376e+01	1.2067e-01	5.8032e+03	-1.9486e+03
333	1927	7.4321e+00	-5.5100e+00	-7.3384e+01	2.1359e-12	-2.1097e-11	5.3919e+00
	1970	-7.4321e+00	5.5100e+00	7.3384e+01	-2.1359e-12	5.2984e+03	-3.9955e+02
334	2089	-9.8977e+01	-9.2238e-18	1.8966e-17	-1.4893e-01	0.0000e+00	0.0000e+00
	2090	9.8977e+01	9.2238e-18	-1.8966e-17	1.4893e-01	0.0000e+00	0.0000e+00
335	2083	1.3456e+02	-2.2160e-17	2.1363e-17	-3.7771e-01	0.0000e+00	0.0000e+00
	2084	-1.3456e+02	2.2160e-17	-2.1363e-17	3.7771e-01	0.0000e+00	0.0000e+00
336	2081	2.3756e+01	-2.4801e-17	2.1476e-17	-9.1473e-02	0.0000e+00	0.0000e+00
	2082	-2.3756e+01	2.4801e-17	-2.1476e-17	9.1473e-02	0.0000e+00	0.0000e+00
337	2055	-1.4808e+02	-2.4428e-17	2.0855e-17	-2.3963e-01	0.0000e+00	0.0000e+00
	2077	1.4808e+02	2.4428e-17	-2.0855e-17	2.3963e-01	0.0000e+00	0.0000e+00
338	2077	5.5466e+01	-2.3901e-17	2.1492e-17	-2.1783e-01	0.0000e+00	0.0000e+00
	2078	-5.5466e+01	2.3901e-17	-2.1492e-17	2.1783e-01	0.0000e+00	0.0000e+00

339	2075	-4.1952e+01	-2.0206e-17	2.1786e-17	4.0147e-01	0.0000e+00	0.0000e+00
	2076	4.1952e+01	2.0206e-17	-2.1786e-17	-4.0147e-01	0.0000e+00	0.0000e+00
340	2071	-6.0516e+01	-1.4996e-17	2.2517e-17	4.7994e-01	0.0000e+00	0.0000e+00
	2072	6.0516e+01	1.4996e-17	-2.2517e-17	-4.7994e-01	0.0000e+00	0.0000e+00
341	2087	3.5392e+01	-1.5001e-17	2.0351e-17	-4.8758e-01	0.0000e+00	0.0000e+00
	2088	-3.5392e+01	1.5001e-17	-2.0351e-17	4.8758e-01	0.0000e+00	0.0000e+00
342	2090	-2.7227e+02	0.0000e+00	-1.1489e-16	4.5587e-01	0.0000e+00	0.0000e+00
	2112	2.7227e+02	0.0000e+00	1.1489e-16	-4.5587e-01	0.0000e+00	0.0000e+00
343	2088	6.0420e+01	0.0000e+00	-1.2462e-16	9.7060e-01	0.0000e+00	0.0000e+00
	2111	-6.0420e+01	0.0000e+00	1.2462e-16	-9.7060e-01	0.0000e+00	0.0000e+00
344	2084	2.2734e+02	0.0000e+00	-1.3185e-16	6.9037e-01	0.0000e+00	0.0000e+00
	2109	-2.2734e+02	0.0000e+00	1.3185e-16	-6.9037e-01	0.0000e+00	0.0000e+00
345	2082	6.9057e+01	0.0000e+00	-1.3182e-16	1.3798e-01	0.0000e+00	0.0000e+00
	2108	-6.9057e+01	0.0000e+00	1.3182e-16	-1.3798e-01	0.0000e+00	0.0000e+00
346	2078	2.7863e+02	0.0000e+00	-1.3154e-16	5.6159e-01	0.0000e+00	0.0000e+00
	2106	-2.7863e+02	0.0000e+00	1.3154e-16	-5.6159e-01	0.0000e+00	0.0000e+00
347	2076	-1.7245e+01	0.0000e+00	-1.3366e-16	-8.5649e-01	0.0000e+00	0.0000e+00
	2105	1.7245e+01	0.0000e+00	1.3366e-16	8.5649e-01	0.0000e+00	0.0000e+00
348	2072	-1.8288e+02	0.0000e+00	-1.3831e-16	-8.7791e-01	0.0000e+00	0.0000e+00
	2103	1.8288e+02	0.0000e+00	1.3831e-16	8.7791e-01	0.0000e+00	0.0000e+00
349	2103	-3.2189e+02	0.0000e+00	0.0000e+00	9.1906e-01	0.0000e+00	0.0000e+00
	2120	3.2189e+02	0.0000e+00	0.0000e+00	-9.1906e-01	0.0000e+00	0.0000e+00
350	2105	-2.6621e+01	0.0000e+00	0.0000e+00	5.4094e-01	0.0000e+00	0.0000e+00
	2122	2.6621e+01	0.0000e+00	0.0000e+00	-5.4094e-01	0.0000e+00	0.0000e+00
351	2106	6.0986e+02	0.0000e+00	0.0000e+00	-2.2619e-01	0.0000e+00	0.0000e+00
	2123	-6.0986e+02	0.0000e+00	0.0000e+00	2.2619e-01	0.0000e+00	0.0000e+00
352	2108	9.6338e+01	0.0000e+00	0.0000e+00	-3.1056e-01	0.0000e+00	0.0000e+00
	2125	-9.6338e+01	0.0000e+00	0.0000e+00	3.1056e-01	0.0000e+00	0.0000e+00
353	2109	3.7300e+02	0.0000e+00	0.0000e+00	-4.0901e-01	0.0000e+00	0.0000e+00
	1925	-3.7300e+02	0.0000e+00	0.0000e+00	4.0901e-01	0.0000e+00	0.0000e+00
354	2111	8.4444e+01	0.0000e+00	0.0000e+00	-6.9074e-01	0.0000e+00	0.0000e+00
	1983	-8.4444e+01	0.0000e+00	0.0000e+00	6.9074e-01	0.0000e+00	0.0000e+00
355	2112	-4.6498e+02	0.0000e+00	0.0000e+00	-6.6816e-01	0.0000e+00	0.0000e+00
	2005	4.6498e+02	0.0000e+00	0.0000e+00	6.6816e-01	0.0000e+00	0.0000e+00
356	2085	4.7229e+02	9.2875e-16	8.1340e-16	-4.5748e+01	0.0000e+00	0.0000e+00
	1921	-4.7229e+02	-9.2875e-16	-8.1340e-16	4.5748e+01	0.0000e+00	0.0000e+00
357	1983	9.8675e+01	0.0000e+00	2.7089e-16	2.6707e+01	0.0000e+00	0.0000e+00
	2059	-9.8675e+01	0.0000e+00	-2.7089e-16	-2.6707e+01	0.0000e+00	0.0000e+00
358	2005	-6.7192e+02	0.0000e+00	2.6701e-16	2.1999e+01	0.0000e+00	0.0000e+00
	2085	6.7192e+02	0.0000e+00	-2.6701e-16	-2.1999e+01	0.0000e+00	0.0000e+00
359	1925	8.9777e+02	0.0000e+00	3.4087e-16	2.2622e+01	0.0000e+00	0.0000e+00
	2042	-8.9777e+02	0.0000e+00	-3.4087e-16	-2.2622e+01	0.0000e+00	0.0000e+00
360	2125	1.0220e+02	0.0000e+00	3.8746e-16	1.0652e+01	0.0000e+00	0.0000e+00
	2025	-1.0220e+02	0.0000e+00	-3.8746e-16	-1.0652e+01	0.0000e+00	0.0000e+00
361	2123	1.0321e+03	0.0000e+00	4.0191e-16	-1.0288e+01	0.0000e+00	0.0000e+00
	2008	-1.0321e+03	0.0000e+00	-4.0191e-16	1.0288e+01	0.0000e+00	0.0000e+00
362	2122	-3.5852e+01	0.0000e+00	4.4705e-16	-2.4313e+01	0.0000e+00	0.0000e+00
	1996	3.5852e+01	0.0000e+00	-4.4705e-16	2.4313e+01	0.0000e+00	0.0000e+00
363	2120	-4.7223e+02	0.0000e+00	-5.8197e-16	-2.8821e+01	0.0000e+00	0.0000e+00
	1919	4.7223e+02	0.0000e+00	5.8197e-16	2.8821e+01	0.0000e+00	0.0000e+00
364	2059	5.8089e+01	3.3407e-15	9.5578e-16	-6.3902e+01	0.0000e+00	0.0000e+00
	1920	-5.8089e+01	-3.3407e-15	-9.5578e-16	6.3902e+01	0.0000e+00	0.0000e+00
365	2042	5.0235e+02	5.8141e-15	1.0843e-15	-5.3561e+01	0.0000e+00	0.0000e+00
	1918	-5.0235e+02	-5.8141e-15	-1.0843e-15	5.3561e+01	0.0000e+00	0.0000e+00
366	2025	7.9530e+01	7.3893e-15	1.1371e-15	-2.2600e+01	0.0000e+00	0.0000e+00

	1917	-7.9530e+01	-7.3893e-15	-1.1371e-15	2.2600e+01	0.0000e+00	0.0000e+00
367	2008	-6.5134e+02	7.4305e-15	1.1505e-15	2.4903e+01	0.0000e+00	0.0000e+00
	2107	6.5134e+02	-7.4305e-15	-1.1505e-15	-2.4903e+01	0.0000e+00	0.0000e+00
368	1996	-2.3794e+01	5.6718e-15	1.2182e-15	5.9381e+01	0.0000e+00	0.0000e+00
	2080	2.3794e+01	-5.6718e-15	-1.2182e-15	-5.9381e+01	0.0000e+00	0.0000e+00
369	1919	-1.3741e+03	2.9227e-15	-1.4080e-15	7.0179e+01	0.0000e+00	0.0000e+00
	2079	1.3741e+03	-2.9227e-15	1.4080e-15	-7.0179e+01	0.0000e+00	0.0000e+00
370	2097	4.2253e+01	2.2034e-16	-1.7249e-15	4.1934e+00	0.0000e+00	0.0000e+00
	2039	-4.2253e+01	-2.2034e-16	1.7249e-15	-4.1934e+00	0.0000e+00	0.0000e+00
371	2098	-5.6440e+02	4.3513e-16	-1.7581e-15	1.3871e+01	0.0000e+00	0.0000e+00
	2056	5.6440e+02	-4.3513e-16	1.7581e-15	-1.3871e+01	0.0000e+00	0.0000e+00
372	2119	-7.6368e+02	0.0000e+00	-8.4350e-16	-5.5908e+00	0.0000e+00	0.0000e+00
	2098	7.6368e+02	0.0000e+00	8.4350e-16	5.5908e+00	0.0000e+00	0.0000e+00
373	2118	-5.6506e+01	0.0000e+00	-8.1816e-16	-1.4954e+00	0.0000e+00	0.0000e+00
	2097	5.6506e+01	0.0000e+00	8.1816e-16	1.4954e+00	0.0000e+00	0.0000e+00
374	2102	-5.2296e+02	0.0000e+00	0.0000e+00	1.7014e+00	0.0000e+00	0.0000e+00
	2119	5.2296e+02	0.0000e+00	0.0000e+00	-1.7014e+00	0.0000e+00	0.0000e+00
375	2101	-5.1847e+01	0.0000e+00	0.0000e+00	1.8994e+00	0.0000e+00	0.0000e+00
	2118	5.1847e+01	0.0000e+00	0.0000e+00	-1.8994e+00	0.0000e+00	0.0000e+00
376	2070	-3.0403e+02	0.0000e+00	-1.4507e-16	-7.4846e-01	0.0000e+00	0.0000e+00
	2102	3.0403e+02	0.0000e+00	1.4507e-16	7.4846e-01	0.0000e+00	0.0000e+00
377	2068	-3.7071e+01	0.0000e+00	-1.4374e-16	-8.7345e-01	0.0000e+00	0.0000e+00
	2101	3.7071e+01	0.0000e+00	1.4374e-16	8.7345e-01	0.0000e+00	0.0000e+00
378	2069	-1.0844e+02	-5.5099e-18	2.4355e-17	4.0973e-01	0.0000e+00	0.0000e+00
	2070	1.0844e+02	5.5099e-18	-2.4355e-17	-4.0973e-01	0.0000e+00	0.0000e+00
379	2067	-1.6189e+01	-1.1801e-18	2.5060e-17	4.1711e-01	0.0000e+00	0.0000e+00
	2068	1.6189e+01	1.1801e-18	-2.5060e-17	-4.1711e-01	0.0000e+00	0.0000e+00
380	2022	2.5480e+02	-1.8994e-15	9.6931e-16	4.0855e+01	0.0000e+00	0.0000e+00
	1926	-2.5480e+02	1.8994e-15	-9.6931e-16	-4.0855e+01	0.0000e+00	0.0000e+00
381	1993	8.9609e+01	-2.4229e-15	1.1283e-15	6.6499e+00	0.0000e+00	0.0000e+00
	1924	-8.9609e+01	2.4229e-15	-1.1283e-15	-6.6499e+00	0.0000e+00	0.0000e+00
382	1916	9.1753e+02	-1.9376e-15	1.0493e-15	-1.9399e+01	0.0000e+00	0.0000e+00
	1923	-9.1753e+02	1.9376e-15	-1.0493e-15	1.9399e+01	0.0000e+00	0.0000e+00
383	2086	5.9016e+01	-9.5577e-16	8.7175e-16	-2.8009e+01	0.0000e+00	0.0000e+00
	1922	-5.9016e+01	9.5577e-16	-8.7175e-16	2.8009e+01	0.0000e+00	0.0000e+00
384	2065	-7.9905e+02	0.0000e+00	4.5358e-16	-1.0477e+01	0.0000e+00	0.0000e+00
	2022	7.9905e+02	0.0000e+00	-4.5358e-16	1.0477e+01	0.0000e+00	0.0000e+00
385	2048	8.2267e+01	0.0000e+00	5.0679e-16	-8.1984e-01	0.0000e+00	0.0000e+00
	1993	-8.2267e+01	0.0000e+00	-5.0679e-16	8.1984e-01	0.0000e+00	0.0000e+00
386	2031	1.0493e+03	0.0000e+00	4.5821e-16	6.7179e+00	0.0000e+00	0.0000e+00
	1916	-1.0493e+03	0.0000e+00	-4.5821e-16	-6.7179e+00	0.0000e+00	0.0000e+00
387	2014	5.2524e+01	0.0000e+00	3.5097e-16	1.2326e+01	0.0000e+00	0.0000e+00
	2086	-5.2524e+01	0.0000e+00	-3.5097e-16	-1.2326e+01	0.0000e+00	0.0000e+00
388	2113	4.6046e+01	0.0000e+00	0.0000e+00	-1.6144e+00	0.0000e+00	0.0000e+00
	2014	-4.6046e+01	0.0000e+00	0.0000e+00	1.6144e+00	0.0000e+00	0.0000e+00
389	2114	7.2886e+02	0.0000e+00	0.0000e+00	-1.2861e+00	0.0000e+00	0.0000e+00
	2031	-7.2886e+02	0.0000e+00	0.0000e+00	1.2861e+00	0.0000e+00	0.0000e+00
390	2115	7.1663e+01	0.0000e+00	0.0000e+00	-8.6186e-01	0.0000e+00	0.0000e+00
	2048	-7.1663e+01	0.0000e+00	0.0000e+00	8.6186e-01	0.0000e+00	0.0000e+00
391	2117	-5.6431e+02	0.0000e+00	0.0000e+00	2.2233e+00	0.0000e+00	0.0000e+00
	2065	5.6431e+02	0.0000e+00	0.0000e+00	-2.2233e+00	0.0000e+00	0.0000e+00
392	2092	3.4819e+01	0.0000e+00	-1.2845e-16	2.4583e+00	0.0000e+00	0.0000e+00
	2113	-3.4819e+01	0.0000e+00	1.2845e-16	-2.4583e+00	0.0000e+00	0.0000e+00
393	2094	4.2811e+02	0.0000e+00	1.5710e-16	1.8340e+00	0.0000e+00	0.0000e+00
	2114	-4.2811e+02	0.0000e+00	-1.5710e-16	-1.8340e+00	0.0000e+00	0.0000e+00

394	2096	5.4103e+01	0.0000e+00	1.7048e-16	5.1455e-01	0.0000e+00	0.0000e+00
	2115	-5.4103e+01	0.0000e+00	-1.7048e-16	-5.1455e-01	0.0000e+00	0.0000e+00
395	2100	-3.3629e+02	0.0000e+00	1.4689e-16	-3.3059e+00	0.0000e+00	0.0000e+00
	2117	3.3629e+02	0.0000e+00	-1.4689e-16	3.3059e+00	0.0000e+00	0.0000e+00
396	2091	1.6465e+01	-1.5740e-17	2.0396e-17	-8.5979e-01	0.0000e+00	0.0000e+00
	2092	-1.6465e+01	1.5740e-17	-2.0396e-17	8.5979e-01	0.0000e+00	0.0000e+00
397	2093	1.3718e+02	-2.6037e-17	-2.3570e-17	-6.2094e-01	0.0000e+00	0.0000e+00
	2094	-1.3718e+02	2.6037e-17	2.3570e-17	6.2094e-01	0.0000e+00	0.0000e+00
398	2095	2.3611e+01	3.0823e-17	-2.4839e-17	-2.9771e-01	0.0000e+00	0.0000e+00
	2096	-2.3611e+01	-3.0823e-17	2.4839e-17	2.9771e-01	0.0000e+00	0.0000e+00
399	2099	-1.2128e+02	2.4109e-17	-2.1503e-17	1.3914e+00	0.0000e+00	0.0000e+00
	2100	1.2128e+02	-2.4109e-17	2.1503e-17	-1.3914e+00	0.0000e+00	0.0000e+00
400	2066	9.9406e+01	2.1957e-17	-2.0044e-17	1.2742e+00	0.0000e+00	0.0000e+00
	2099	-9.9406e+01	-2.1957e-17	2.0044e-17	-1.2742e+00	0.0000e+00	0.0000e+00
401	2049	3.1261e+02	0.0000e+00	1.4303e-16	-3.1766e+00	0.0000e+00	0.0000e+00
	2066	-3.1261e+02	0.0000e+00	-1.4303e-16	3.1766e+00	0.0000e+00	0.0000e+00
402	2064	1.2447e+01	2.8163e-17	-2.3115e-17	-2.8731e-01	0.0000e+00	0.0000e+00
	2095	-1.2447e+01	-2.8163e-17	2.3115e-17	2.8731e-01	0.0000e+00	0.0000e+00
403	2063	-1.4058e+02	-2.4014e-17	2.2015e-17	-5.4627e-01	0.0000e+00	0.0000e+00
	2093	1.4058e+02	2.4014e-17	-2.2015e-17	5.4627e-01	0.0000e+00	0.0000e+00
404	2062	1.5383e+01	-1.4993e-17	1.9206e-17	-7.5142e-01	0.0000e+00	0.0000e+00
	2091	-1.5383e+01	1.4993e-17	-1.9206e-17	7.5142e-01	0.0000e+00	0.0000e+00
405	2061	8.4236e+01	-9.3700e-18	1.7982e-17	-1.4179e-01	0.0000e+00	0.0000e+00
	2089	-8.4236e+01	9.3700e-18	-1.7982e-17	1.4179e-01	0.0000e+00	0.0000e+00
406	2060	2.4469e+01	-1.5297e-17	1.9333e-17	-5.0057e-01	0.0000e+00	0.0000e+00
	2087	-2.4469e+01	1.5297e-17	-1.9333e-17	5.0057e-01	0.0000e+00	0.0000e+00
407	2058	-3.8861e+01	-2.2549e-17	2.0328e-17	-4.0890e-01	0.0000e+00	0.0000e+00
	2083	3.8861e+01	2.2549e-17	-2.0328e-17	4.0890e-01	0.0000e+00	0.0000e+00
408	2057	-4.7357e+01	-2.6024e-17	2.0657e-17	-9.1558e-02	0.0000e+00	0.0000e+00
	2081	4.7357e+01	2.6024e-17	-2.0657e-17	9.1558e-02	0.0000e+00	0.0000e+00
409	2054	-7.0721e+01	-2.0540e-17	2.1157e-17	4.1107e-01	0.0000e+00	0.0000e+00
	2075	7.0721e+01	2.0540e-17	-2.1157e-17	-4.1107e-01	0.0000e+00	0.0000e+00
410	2052	7.5393e+01	-1.5190e-17	2.1891e-17	4.8508e-01	0.0000e+00	0.0000e+00
	2071	-7.5393e+01	1.5190e-17	-2.1891e-17	-4.8508e-01	0.0000e+00	0.0000e+00
411	2051	8.9285e+01	-5.4688e-18	2.3780e-17	4.1298e-01	0.0000e+00	0.0000e+00
	2069	-8.9285e+01	5.4688e-18	-2.3780e-17	-4.1298e-01	0.0000e+00	0.0000e+00
412	2050	1.4750e+01	-1.1592e-18	2.4554e-17	4.1630e-01	0.0000e+00	0.0000e+00
	2067	-1.4750e+01	1.1592e-18	-2.4554e-17	-4.1630e-01	0.0000e+00	0.0000e+00
413	2047	3.3747e+01	0.0000e+00	1.6548e-16	4.7068e-01	0.0000e+00	0.0000e+00
	2064	-3.3747e+01	0.0000e+00	-1.6548e-16	-4.7068e-01	0.0000e+00	0.0000e+00
414	2046	-4.3337e+02	0.0000e+00	1.5213e-16	1.7938e+00	0.0000e+00	0.0000e+00
	2063	4.3337e+02	0.0000e+00	-1.5213e-16	-1.7938e+00	0.0000e+00	0.0000e+00
415	2045	-3.2238e+01	0.0000e+00	1.2426e-16	2.3598e+00	0.0000e+00	0.0000e+00
	2062	3.2238e+01	0.0000e+00	-1.2426e-16	-2.3598e+00	0.0000e+00	0.0000e+00
416	2044	2.5826e+02	0.0000e+00	-1.1146e-16	3.8124e-01	0.0000e+00	0.0000e+00
	2061	-2.5826e+02	0.0000e+00	1.1146e-16	-3.8124e-01	0.0000e+00	0.0000e+00
417	2043	3.0231e+01	0.0000e+00	-1.2175e-16	1.1164e+00	0.0000e+00	0.0000e+00
	2060	-3.0231e+01	0.0000e+00	1.2175e-16	-1.1164e+00	0.0000e+00	0.0000e+00
418	2041	-1.4368e+02	0.0000e+00	-1.2956e-16	8.9996e-01	0.0000e+00	0.0000e+00
	2058	1.4368e+02	0.0000e+00	1.2956e-16	-8.9996e-01	0.0000e+00	0.0000e+00
419	2040	-1.0505e+02	0.0000e+00	-1.3281e-16	1.3900e-01	0.0000e+00	0.0000e+00
	2057	1.0505e+02	0.0000e+00	1.3281e-16	-1.3900e-01	0.0000e+00	0.0000e+00
420	2038	-4.0158e+02	0.0000e+00	-1.3533e-16	7.5030e-01	0.0000e+00	0.0000e+00
	2055	4.0158e+02	0.0000e+00	1.3533e-16	-7.5030e-01	0.0000e+00	0.0000e+00
421	2037	-1.0938e+02	0.0000e+00	-1.3783e-16	-9.9084e-01	0.0000e+00	0.0000e+00

	2054	1.0938e+02	0.0000e+00	1.3783e-16	9.9084e-01	0.0000e+00	0.0000e+00
422	2035	2.0280e+02	0.0000e+00	-1.4295e-16	-9.5496e-01	0.0000e+00	0.0000e+00
	2052	-2.0280e+02	0.0000e+00	1.4295e-16	9.5496e-01	0.0000e+00	0.0000e+00
423	2034	2.8572e+02	0.0000e+00	-1.4999e-16	-7.4130e-01	0.0000e+00	0.0000e+00
	2051	-2.8572e+02	0.0000e+00	1.4999e-16	7.4130e-01	0.0000e+00	0.0000e+00
424	2033	3.2985e+01	0.0000e+00	-1.4826e-16	-8.7387e-01	0.0000e+00	0.0000e+00
	2050	-3.2985e+01	0.0000e+00	1.4826e-16	8.7387e-01	0.0000e+00	0.0000e+00
425	2032	5.3623e+02	0.0000e+00	0.0000e+00	-1.5747e+00	0.0000e+00	0.0000e+00
	2049	-5.3623e+02	0.0000e+00	0.0000e+00	1.5747e+00	0.0000e+00	0.0000e+00
426	2030	-4.6949e+01	0.0000e+00	0.0000e+00	-8.4919e-01	0.0000e+00	0.0000e+00
	2047	4.6949e+01	0.0000e+00	0.0000e+00	8.4919e-01	0.0000e+00	0.0000e+00
427	2029	-7.3876e+02	0.0000e+00	0.0000e+00	-8.6299e-01	0.0000e+00	0.0000e+00
	2046	7.3876e+02	0.0000e+00	0.0000e+00	8.6299e-01	0.0000e+00	0.0000e+00
428	2028	-4.1085e+01	0.0000e+00	0.0000e+00	-9.4670e-01	0.0000e+00	0.0000e+00
	2045	4.1085e+01	0.0000e+00	0.0000e+00	9.4670e-01	0.0000e+00	0.0000e+00
429	2027	4.5143e+02	0.0000e+00	0.0000e+00	-7.9755e-01	0.0000e+00	0.0000e+00
	2044	-4.5143e+02	0.0000e+00	0.0000e+00	7.9755e-01	0.0000e+00	0.0000e+00
430	2026	4.4756e+01	0.0000e+00	0.0000e+00	-1.0669e+00	0.0000e+00	0.0000e+00
	2043	-4.4756e+01	0.0000e+00	0.0000e+00	1.0669e+00	0.0000e+00	0.0000e+00
431	2024	-3.0566e+02	0.0000e+00	0.0000e+00	-9.5211e-01	0.0000e+00	0.0000e+00
	2041	3.0566e+02	0.0000e+00	0.0000e+00	9.5211e-01	0.0000e+00	0.0000e+00
432	2023	-1.4070e+02	0.0000e+00	0.0000e+00	-3.1356e-01	0.0000e+00	0.0000e+00
	2040	1.4070e+02	0.0000e+00	0.0000e+00	3.1356e-01	0.0000e+00	0.0000e+00
433	2021	-7.2511e+02	0.0000e+00	0.0000e+00	-5.6220e-01	0.0000e+00	0.0000e+00
	2038	7.2511e+02	0.0000e+00	0.0000e+00	5.6220e-01	0.0000e+00	0.0000e+00
434	2020	-1.3906e+02	0.0000e+00	0.0000e+00	8.6200e-01	0.0000e+00	0.0000e+00
	2037	1.3906e+02	0.0000e+00	0.0000e+00	-8.6200e-01	0.0000e+00	0.0000e+00
435	2018	3.5308e+02	0.0000e+00	0.0000e+00	1.1593e+00	0.0000e+00	0.0000e+00
	2035	-3.5308e+02	0.0000e+00	0.0000e+00	-1.1593e+00	0.0000e+00	0.0000e+00
436	2017	5.0658e+02	0.0000e+00	0.0000e+00	1.7405e+00	0.0000e+00	0.0000e+00
	2034	-5.0658e+02	0.0000e+00	0.0000e+00	-1.7405e+00	0.0000e+00	0.0000e+00
437	2016	4.7756e+01	0.0000e+00	0.0000e+00	1.8926e+00	0.0000e+00	0.0000e+00
	2033	-4.7756e+01	0.0000e+00	0.0000e+00	-1.8926e+00	0.0000e+00	0.0000e+00
438	2015	7.6448e+02	0.0000e+00	4.1555e-16	-1.0470e+01	0.0000e+00	0.0000e+00
	2032	-7.6448e+02	0.0000e+00	-4.1555e-16	1.0470e+01	0.0000e+00	0.0000e+00
439	2013	5.1237e+01	0.0000e+00	4.8826e-16	-1.1306e+00	0.0000e+00	0.0000e+00
	2030	-5.1237e+01	0.0000e+00	-4.8826e-16	1.1306e+00	0.0000e+00	0.0000e+00
440	2012	-1.0662e+03	0.0000e+00	4.3938e-16	6.4854e+00	0.0000e+00	0.0000e+00
	2029	1.0662e+03	0.0000e+00	-4.3938e-16	-6.4854e+00	0.0000e+00	0.0000e+00
441	2011	-4.4129e+01	0.0000e+00	3.4095e-16	1.0544e+01	0.0000e+00	0.0000e+00
	2028	4.4129e+01	0.0000e+00	-3.4095e-16	-1.0544e+01	0.0000e+00	0.0000e+00
442	2010	6.5747e+02	0.0000e+00	2.8130e-16	1.8637e+01	0.0000e+00	0.0000e+00
	2027	-6.5747e+02	0.0000e+00	-2.8130e-16	-1.8637e+01	0.0000e+00	0.0000e+00
443	2009	5.1873e+01	0.0000e+00	3.3025e-16	2.4238e+01	0.0000e+00	0.0000e+00
	2026	-5.1873e+01	0.0000e+00	-3.3025e-16	-2.4238e+01	0.0000e+00	0.0000e+00
444	2007	-5.1129e+02	0.0000e+00	4.0726e-16	2.0416e+01	0.0000e+00	0.0000e+00
	2024	5.1129e+02	0.0000e+00	-4.0726e-16	-2.0416e+01	0.0000e+00	0.0000e+00
445	2006	-1.5463e+02	0.0000e+00	4.4103e-16	1.0045e+01	0.0000e+00	0.0000e+00
	2023	1.5463e+02	0.0000e+00	-4.4103e-16	-1.0045e+01	0.0000e+00	0.0000e+00
446	2004	-1.4405e+03	0.0000e+00	4.4515e-16	-9.3382e+00	0.0000e+00	0.0000e+00
	2021	1.4405e+03	0.0000e+00	-4.4515e-16	9.3382e+00	0.0000e+00	0.0000e+00
447	2003	-1.5978e+02	0.0000e+00	-4.9572e-16	-2.2296e+01	0.0000e+00	0.0000e+00
	2020	1.5978e+02	0.0000e+00	4.9572e-16	2.2296e+01	0.0000e+00	0.0000e+00
448	2001	5.2058e+02	-4.8568e-16	0.0000e+00	-2.6757e+01	0.0000e+00	0.0000e+00
	2018	-5.2058e+02	4.8568e-16	0.0000e+00	2.6757e+01	0.0000e+00	0.0000e+00

449	2000	7.5064e+02	7.5712e-17	0.0000e+00	-5.1707e+00	0.0000e+00	0.0000e+00
	2017	-7.5064e+02	-7.5712e-17	0.0000e+00	5.1707e+00	0.0000e+00	0.0000e+00
450	1999	5.1166e+01	3.4794e-17	0.0000e+00	2.5752e+00	0.0000e+00	0.0000e+00
	2016	-5.1166e+01	-3.4794e-17	0.0000e+00	-2.5752e+00	0.0000e+00	0.0000e+00
451	1982	9.9145e+02	-1.9996e-15	1.0094e-15	4.2988e+01	0.0000e+00	0.0000e+00
	2015	-9.9145e+02	1.9996e-15	-1.0094e-15	-4.2988e+01	0.0000e+00	0.0000e+00
452	1984	4.6204e+01	-2.5639e-15	1.1797e-15	7.3394e+00	0.0000e+00	0.0000e+00
	2013	-4.6204e+01	2.5639e-15	-1.1797e-15	-7.3394e+00	0.0000e+00	0.0000e+00
453	1985	4.5355e+02	-2.0720e-15	1.1000e-15	-2.0264e+01	0.0000e+00	0.0000e+00
	2012	-4.5355e+02	2.0720e-15	-1.1000e-15	2.0264e+01	0.0000e+00	0.0000e+00
454	1986	-4.4925e+01	-1.0363e-15	9.1211e-16	-2.9220e+01	0.0000e+00	0.0000e+00
	2011	4.4925e+01	1.0363e-15	-9.1211e-16	2.9220e+01	0.0000e+00	0.0000e+00
455	1998	5.1493e+02	8.8602e-16	8.4206e-16	-4.2540e+01	0.0000e+00	0.0000e+00
	2010	-5.1493e+02	-8.8602e-16	-8.4206e-16	4.2540e+01	0.0000e+00	0.0000e+00
456	1997	-2.6105e+01	3.1429e-15	9.7039e-16	-5.9426e+01	0.0000e+00	0.0000e+00
	2009	2.6105e+01	-3.1429e-15	-9.7039e-16	5.9426e+01	0.0000e+00	0.0000e+00
457	1995	-7.4055e+02	5.4430e-15	1.0897e-15	-4.9722e+01	0.0000e+00	0.0000e+00
	2007	7.4055e+02	-5.4430e-15	-1.0897e-15	4.9722e+01	0.0000e+00	0.0000e+00
458	1994	-1.1450e+02	6.8902e-15	1.1434e-15	-2.0913e+01	0.0000e+00	0.0000e+00
	2006	1.1450e+02	-6.8902e-15	-1.1434e-15	2.0913e+01	0.0000e+00	0.0000e+00
459	1992	-1.2247e+03	6.8590e-15	1.1599e-15	2.4310e+01	0.0000e+00	0.0000e+00
	2004	1.2247e+03	-6.8590e-15	-1.1599e-15	-2.4310e+01	0.0000e+00	0.0000e+00
460	1991	-1.4445e+02	5.2161e-15	1.2220e-15	5.5144e+01	0.0000e+00	0.0000e+00
	2003	1.4445e+02	-5.2161e-15	-1.2220e-15	-5.5144e+01	0.0000e+00	0.0000e+00
461	1989	-8.9628e+02	2.6835e-15	-1.3958e-15	6.4627e+01	0.0000e+00	0.0000e+00
	2001	8.9628e+02	-2.6835e-15	1.3958e-15	-6.4627e+01	0.0000e+00	0.0000e+00
462	1988	5.4296e+02	4.0885e-16	-1.7174e-15	1.2742e+01	0.0000e+00	0.0000e+00
	2000	-5.4296e+02	-4.0885e-16	1.7174e-15	-1.2742e+01	0.0000e+00	0.0000e+00
463	1987	1.7921e+01	2.0625e-16	-1.6862e-15	4.1593e+00	0.0000e+00	0.0000e+00
	1999	-1.7921e+01	-2.0625e-16	1.6862e-15	-4.1593e+00	0.0000e+00	0.0000e+00
464	1926	1.0671e+03	1.8354e+02	1.8568e+02	4.4390e+03	-2.7664e+04	2.7346e+04
	1981	-1.0671e+03	-1.8354e+02	-1.8568e+02	-4.4390e+03	0.0000e+00	0.0000e+00
465	1924	1.0766e+03	-2.0076e+01	-1.2401e+02	-6.6641e+02	-1.5967e+04	2.5514e+04
	1926	-1.0766e+03	2.0076e+01	1.2401e+02	6.6641e+02	2.8010e+04	-2.7306e+04
466	1923	1.0620e+03	-1.3238e+02	-2.7362e+02	-2.2631e+03	1.1734e+04	1.2414e+04
	1924	-1.0620e+03	1.3238e+02	2.7362e+02	2.2631e+03	1.5820e+04	-2.5507e+04
467	1922	-1.2288e+03	-1.7436e+02	5.6256e+01	-1.9545e+03	6.3538e+03	8.9630e+03
	1923	1.2288e+03	1.7436e+02	-5.6256e+01	1.9545e+03	-1.1789e+04	-1.2433e+04
468	1949	-1.1446e+03	4.6800e+02	-5.3414e+01	-3.5522e+02	1.0104e+04	3.8038e+04
	1922	1.1446e+03	-4.6800e+02	5.3414e+01	3.5522e+02	-6.6381e+03	-8.9699e+03
469	1921	-9.0374e+02	-2.2260e+02	3.2956e+02	-2.9315e+02	-2.9596e+03	2.9545e+04
	1949	9.0374e+02	2.2260e+02	-3.2956e+02	2.9315e+02	-1.0105e+04	-3.8038e+04
470	1920	-5.5973e+02	-2.4629e+02	3.4341e+01	-3.8064e+02	-2.9223e+03	-6.6959e+03
	1921	5.5973e+02	2.4629e+02	-3.4341e+01	3.8064e+02	2.9496e+03	-2.9579e+04
471	1918	-5.7368e+02	-1.9026e+02	-6.8189e+01	-5.9828e+02	4.4804e+03	-1.6412e+04
	1920	5.7368e+02	1.9026e+02	6.8189e+01	5.9828e+02	2.8856e+03	6.7211e+03
472	1917	-7.5136e+02	-1.0066e+02	7.4883e+01	-1.5766e+02	-3.0408e+03	-2.5437e+04
	1918	7.5136e+02	1.0066e+02	-7.4883e+01	1.5766e+02	-4.5175e+03	1.6361e+04
473	2107	-7.5075e+02	4.1305e+01	-5.8424e+01	-4.0628e+02	3.0659e+03	-2.7692e+04
	1917	7.5075e+02	-4.1305e+01	5.8424e+01	4.0628e+02	3.0177e+03	2.5416e+04
474	2080	-1.0446e+03	1.0453e+02	8.5906e+01	-8.8443e+01	-5.4879e+03	-1.7615e+04
	2107	1.0446e+03	-1.0453e+02	-8.5906e+01	8.8443e+01	-3.0914e+03	2.7715e+04
475	2079	-1.0199e+03	2.1414e+02	4.7886e+01	-6.5360e+02	-9.9740e+03	4.8239e+03
	2080	1.0199e+03	-2.1414e+02	-4.7886e+01	6.5360e+02	5.4495e+03	1.7673e+04
476	2056	5.1382e+02	-9.5789e+01	3.7019e+02	1.4478e+03	-8.8864e+03	1.7916e+04

	1959	-5.1382e+02	9.5789e+01	-3.7019e+02	-1.4478e+03	-2.2967e+04	-2.5733e+04
477	2039	3.7188e+02	-1.3355e+02	-4.7946e+01	8.6252e+02	-7.3393e+03	4.8356e+03
	2056	-3.7188e+02	1.3355e+02	4.7946e+01	-8.6252e+02	8.9622e+03	-1.7902e+04
478	1960	3.6643e+02	-1.4458e+02	-5.8503e+01	3.9145e+02	-5.8295e+03	1.8877e+03
	2039	-3.6643e+02	1.4458e+02	5.8503e+01	-3.9145e+02	7.3794e+03	-4.8395e+03
479	2022	-6.6321e+02	-1.1682e+02	1.8931e+02	4.4280e+03	-2.8205e+04	-1.7406e+04
	1980	6.6321e+02	1.1682e+02	-1.8931e+02	-4.4280e+03	0.0000e+00	0.0000e+00
480	1993	7.3042e+02	3.0926e+01	-1.4265e+02	-7.8550e+02	-1.4800e+04	-1.5152e+04
	2022	-7.3042e+02	-3.0926e+01	1.4265e+02	7.8550e+02	2.8540e+04	1.7357e+04
481	1916	7.2242e+02	8.0188e+01	-2.4361e+02	-2.2479e+03	9.8689e+03	-8.6975e+03
	1993	-7.2242e+02	-8.0188e+01	2.4361e+02	2.2479e+03	1.4649e+04	1.5145e+04
482	2086	3.6964e+02	1.4307e+02	3.5103e+01	-1.9879e+03	6.6643e+03	-1.2729e+04
	1916	-3.6964e+02	-1.4307e+02	-3.5103e+01	1.9879e+03	-9.9245e+03	8.7225e+03
483	1948	3.2036e+02	-2.2930e+02	-5.5660e+01	-3.1580e+02	1.0478e+04	-2.6376e+04
	2086	-3.2036e+02	2.2930e+02	5.5660e+01	3.1580e+02	-6.9473e+03	1.2742e+04
484	2085	1.8637e+02	1.7255e+02	3.2662e+02	-2.5196e+02	-2.1951e+03	-1.9868e+04
	1948	-1.8637e+02	-1.7255e+02	-3.2662e+02	2.5196e+02	-1.0479e+04	2.6376e+04
485	2059	4.2228e+02	1.7688e+02	1.9374e+01	-3.2181e+02	-2.4363e+03	6.7560e+03
	2085	-4.2228e+02	-1.7688e+02	-1.9374e+01	3.2181e+02	2.1859e+03	1.9920e+04
486	2042	4.3464e+02	1.3697e+02	-5.6549e+01	-5.1514e+02	3.7143e+03	1.3800e+04
	2059	-4.3464e+02	-1.3697e+02	5.6549e+01	5.1514e+02	2.4029e+03	-6.7611e+03
487	2025	6.9386e+02	1.1419e+02	6.1662e+01	-1.6697e+02	-2.5812e+03	2.3337e+04
	2042	-6.9386e+02	-1.1419e+02	-6.1662e+01	1.6697e+02	-3.7461e+03	-1.3732e+04
488	2008	6.9519e+02	-5.3548e+01	-5.8426e+01	-3.9510e+02	3.5644e+03	2.7275e+04
	2025	-6.9519e+02	5.3548e+01	5.8426e+01	3.9510e+02	2.5562e+03	-2.3307e+04
489	1996	-4.5118e+02	-1.3582e+02	1.0412e+02	-3.3252e+01	-7.0538e+03	1.4770e+04
	2008	4.5118e+02	1.3582e+02	-1.0412e+02	3.3252e+01	-3.5861e+03	-2.7307e+04
490	1919	-4.3542e+02	-1.5854e+02	2.1993e+01	-7.8263e+02	-7.1515e+03	-3.5264e+03
	1996	4.3542e+02	1.5854e+02	-2.1993e+01	7.8263e+02	7.0103e+03	-1.4848e+04
491	2098	-3.7567e+02	1.0678e+02	3.4245e+02	1.3534e+03	-7.9625e+03	-1.5601e+04
	1958	3.7567e+02	-1.0678e+02	-3.4245e+02	-1.3534e+03	-2.1447e+04	2.4390e+04
492	2097	9.8756e+01	1.2493e+02	-2.7315e+01	8.2008e+02	-6.9343e+03	-2.8816e+03
	2098	-9.8756e+01	-1.2493e+02	2.7315e+01	-8.2008e+02	8.0349e+03	1.5581e+04
493	1961	9.8755e+01	1.2294e+02	-5.4884e+01	3.5152e+02	-5.5228e+03	4.9024e+02
	2097	-9.8755e+01	-1.2294e+02	5.4884e+01	-3.5152e+02	6.9738e+03	2.8866e+03
494	2065	2.4983e+02	4.4923e+01	1.8349e+02	4.3050e+03	-2.7339e+04	6.6931e+03
	1979	-2.4983e+02	-4.4923e+01	-1.8349e+02	-4.3050e+03	0.0000e+00	0.0000e+00
495	2048	2.5179e+02	-2.9644e+00	-1.3463e+02	-7.4466e+02	-1.4604e+04	6.4031e+03
	2065	-2.5179e+02	2.9644e+00	1.3463e+02	7.4466e+02	2.7665e+04	-6.6937e+03
496	2031	2.4771e+02	-3.0085e+01	-2.2010e+02	-2.1965e+03	7.6975e+03	3.3774e+03
	2048	-2.4771e+02	3.0085e+01	2.2010e+02	2.1965e+03	1.4457e+04	-6.4025e+03
497	2014	2.4445e+02	-3.8174e+01	1.2855e+01	-1.9935e+03	6.8088e+03	-3.7285e+02
	2031	-2.4445e+02	3.8174e+01	-1.2855e+01	1.9935e+03	-7.7526e+03	-3.3766e+03
498	1947	2.2559e+02	-9.7330e+01	-6.8226e+01	-2.8464e+02	1.1433e+04	-6.7087e+03
	2014	-2.2559e+02	9.7330e+01	6.8226e+01	2.8464e+02	-7.0890e+03	3.6865e+02
499	2005	1.7405e+02	4.9354e+01	3.1177e+02	-2.1517e+02	7.1503e+02	-4.8047e+03
	1947	-1.7405e+02	-4.9354e+01	-3.1177e+02	2.1517e+02	-1.1433e+04	6.7087e+03
500	1983	1.7367e+02	4.2678e+01	2.5355e+01	-2.3384e+02	-3.0979e+03	-4.6497e+02
	2005	-1.7367e+02	-4.2678e+01	-2.5355e+01	2.3384e+02	-7.0914e+02	4.7893e+03
501	1925	1.7477e+02	2.4539e+01	-7.3579e+01	-5.3148e+02	4.6985e+03	2.0364e+03
	1983	-1.7477e+02	-2.4539e+01	7.3579e+01	5.3148e+02	3.0609e+03	4.4450e+02
502	2125	2.0575e+02	-1.4054e+01	6.0741e+01	-2.4809e+02	-1.5363e+03	6.3821e+02
	1925	-2.0575e+02	1.4054e+01	-6.0741e+01	2.4809e+02	-4.7220e+03	-2.0572e+03
503	2123	2.0861e+02	-6.4774e+00	-3.3832e+01	-3.2199e+02	2.7362e+03	-1.3203e+03
	2125	-2.0861e+02	6.4774e+00	3.3832e+01	3.2199e+02	1.5225e+03	-6.4882e+02

504	2122	1.6145e+01	-6.4140e+00	8.0359e+01	-1.3603e+02	-6.3100e+03	-6.9943e+02
	2123	-1.6145e+01	6.4140e+00	-8.0359e+01	1.3603e+02	-2.7518e+03	1.3146e+03
505	2120	1.2938e+01	-7.5089e+00	1.3619e+01	-8.0437e+02	-6.1686e+03	-2.3329e+02
	2122	-1.2938e+01	7.5089e+00	-1.3619e+01	8.0437e+02	6.2600e+03	6.8299e+02
506	2119	1.2217e+01	5.0188e+00	3.1074e+02	1.2526e+03	-6.2330e+03	-6.2052e+02
	1957	-1.2217e+01	-5.0188e+00	-3.1074e+02	-1.2526e+03	-2.0449e+04	1.0515e+03
507	2118	1.0120e+01	5.5105e+00	1.9976e+01	8.3388e+02	-7.3776e+03	-7.1641e+01
	2119	-1.0120e+01	-5.5105e+00	-1.9976e+01	-8.3388e+02	6.3026e+03	6.2565e+02
508	1962	8.2932e+00	6.1884e+00	-5.9222e+01	3.2743e+02	-5.8525e+03	1.1001e+02
	2118	-8.2932e+00	-6.1884e+00	5.9222e+01	-3.2743e+02	7.4174e+03	7.0949e+01
509	2117	-1.9914e+02	-3.5790e+01	1.8075e+02	4.2486e+03	-2.6931e+04	-5.3324e+03
	1978	1.9914e+02	3.5790e+01	-1.8075e+02	-4.2486e+03	0.0000e+00	0.0000e+00
510	2115	-2.0063e+02	2.4423e+00	-1.3057e+02	-7.2410e+02	-1.4554e+04	-5.0915e+03
	2117	2.0063e+02	-2.4423e+00	1.3057e+02	7.2410e+02	2.7254e+04	5.3313e+03
511	2114	-1.9730e+02	2.4098e+01	-2.1031e+02	-2.1743e+03	6.7642e+03	-2.6684e+03
	2115	1.9730e+02	-2.4098e+01	2.1031e+02	2.1743e+03	1.4408e+04	5.0917e+03
512	2113	-1.9466e+02	3.0567e+01	7.5349e+00	-1.9959e+03	6.8677e+03	3.3268e+02
	2114	1.9466e+02	-3.0567e+01	-7.5349e+00	1.9959e+03	-6.8189e+03	2.6697e+03
513	1946	-1.7959e+02	7.7674e+01	-7.3237e+01	-2.7200e+02	1.1820e+04	5.3904e+03
	2113	1.7959e+02	-7.7674e+01	7.3237e+01	2.7200e+02	-7.1466e+03	-3.3109e+02
514	2112	-1.3853e+02	-3.9181e+01	3.0569e+02	-2.0031e+02	3.8372e+02	3.8790e+03
	1946	1.3853e+02	3.9181e+01	-3.0569e+02	2.0031e+02	-1.1820e+04	-5.3904e+03
515	2111	-1.3822e+02	-3.3868e+01	3.3058e+01	-1.9885e+02	-3.2970e+03	4.5089e+02
	2112	1.3822e+02	3.3868e+01	-3.3058e+01	1.9885e+02	-3.8447e+02	-3.8785e+03
516	2109	-1.3909e+02	-1.9432e+01	-7.5045e+01	-5.1753e+02	4.6858e+03	1.5188e+03
	2111	1.3909e+02	1.9432e+01	7.5045e+01	5.1753e+02	3.2622e+03	-4.5115e+02
517	2108	-8.9689e+01	7.5507e+00	5.5342e+01	-2.7231e+02	-9.6126e+02	7.5757e+02
	2109	8.9689e+01	-7.5507e+00	-5.5342e+01	2.7231e+02	-4.7065e+03	-1.5185e+03
518	2106	-9.1927e+01	1.5627e+00	-2.7459e+01	-3.0177e+02	2.8047e+03	9.0233e+02
	2108	9.1927e+01	-1.5627e+00	2.7459e+01	3.0177e+02	9.5242e+02	-7.5767e+02
519	2105	1.2479e+01	5.1832e+00	7.2561e+01	-1.7838e+02	-6.0584e+03	4.1329e+02
	2106	-1.2479e+01	-5.1832e+00	-7.2561e+01	1.7838e+02	-2.8153e+03	-9.0270e+02
520	2103	9.9076e+00	6.0347e+00	1.1223e+01	-8.1558e+02	-5.7688e+03	2.8927e+02
	2105	-9.9076e+00	-6.0347e+00	-1.1223e+01	8.1558e+02	6.0059e+03	-4.1364e+02
521	2102	9.7192e+00	-4.5334e+00	2.9785e+02	1.2106e+03	-5.5277e+03	5.6290e+02
	1956	-9.7192e+00	4.5334e+00	-2.9785e+02	-1.2106e+03	-2.0048e+04	-9.5215e+02
522	2101	8.1341e+00	-4.9338e+00	2.3590e+01	8.3899e+02	-7.5516e+03	6.3806e+01
	2102	-8.1341e+00	4.9338e+00	-2.3590e+01	-8.3899e+02	5.5962e+03	-5.6415e+02
523	1963	-6.7947e+00	-5.4473e+00	-6.0919e+01	3.1790e+02	-5.9818e+03	8.4015e+01
	2101	6.7947e+00	5.4473e+00	6.0919e+01	-3.1790e+02	7.5914e+03	-6.5591e+01
524	2100	5.3738e+01	9.7392e+00	1.7815e+02	4.1973e+03	-2.6542e+04	1.4510e+03
	1977	-5.3738e+01	-9.7392e+00	-1.7815e+02	-4.1973e+03	0.0000e+00	0.0000e+00
525	2099	1.1692e+01	2.0986e+00	1.7733e+02	4.1832e+03	-2.6420e+04	3.1267e+02
	1976	-1.1692e+01	-2.0986e+00	-1.7733e+02	-4.1832e+03	0.0000e+00	0.0000e+00
526	2096	5.4128e+01	-6.0508e-01	-1.2638e+02	-7.0227e+02	-1.4543e+04	1.3938e+03
	2100	-5.4128e+01	6.0508e-01	1.2638e+02	7.0227e+02	2.6863e+04	-1.4528e+03
527	2095	1.1819e+01	-1.3859e-01	-1.2479e+02	-6.9341e+02	-1.4567e+04	3.0224e+02
	2099	-1.1819e+01	1.3859e-01	1.2479e+02	6.9341e+02	2.6740e+04	-3.1287e+02
528	2094	5.3207e+01	-6.4670e+00	-2.0193e+02	-2.1543e+03	5.9349e+03	7.4387e+02
	2096	-5.3207e+01	6.4670e+00	2.0193e+02	2.1543e+03	1.4399e+04	-1.3941e+03
529	2093	1.1676e+01	-1.3557e+00	-2.0020e+02	-2.1490e+03	5.7380e+03	1.6776e+02
	2095	-1.1676e+01	1.3557e+00	2.0020e+02	2.1490e+03	1.4425e+04	-3.0227e+02
530	2092	5.2455e+01	-8.2399e+00	1.1717e+01	-1.9978e+03	6.9157e+03	-6.6880e+01
	2094	-5.2455e+01	8.2399e+00	-1.1717e+01	1.9978e+03	-5.9894e+03	-7.4293e+02
531	2091	1.1567e+01	-1.7070e+00	1.3443e+01	-1.9976e+03	6.9231e+03	-3.3857e+01

	2093	-1.1567e+01	1.7070e+00	-1.3443e+01	1.9976e+03	-5.7924e+03	-1.6766e+02
532	1945	4.8337e+01	-2.0953e+01	-7.7808e+01	-2.6160e+02	1.2169e+04	-1.4327e+03
	2092	-4.8337e+01	2.0953e+01	7.7808e+01	2.6160e+02	-7.1937e+03	6.8000e+01
533	1944	1.0738e+01	-4.4956e+00	-7.9066e+01	-2.5941e+02	1.2262e+04	-2.9769e+02
	2091	-1.0738e+01	4.4956e+00	7.9066e+01	2.5941e+02	-7.2009e+03	3.3848e+01
534	2090	3.7245e+01	1.0620e+01	3.0007e+02	-1.8793e+02	7.1309e+02	-1.0230e+03
	1945	-3.7245e+01	-1.0620e+01	-3.0007e+02	1.8793e+02	-1.2170e+04	1.4327e+03
535	2089	8.3529e+00	2.2974e+00	2.9857e+02	-1.8520e+02	8.4944e+02	-2.0989e+02
	1944	-8.3529e+00	-2.2974e+00	-2.9857e+02	1.8520e+02	-1.2263e+04	2.9769e+02
536	2088	3.7104e+01	9.1714e+00	3.9506e+01	-1.6878e+02	-3.3940e+03	-9.4022e+01
	2090	-3.7104e+01	-9.1714e+00	-3.9506e+01	1.6878e+02	-7.1786e+02	1.0231e+03
537	2087	8.3681e+00	1.9881e+00	4.0536e+01	-1.6153e+02	-3.3447e+03	-3.4008e+01
	2089	-8.3681e+00	-1.9881e+00	-4.0536e+01	1.6153e+02	-8.5426e+02	2.0991e+02
538	2084	3.7282e+01	5.2858e+00	-7.3619e+01	-4.9643e+02	4.5087e+03	4.4126e+02
	2088	-3.7282e+01	-5.2858e+00	7.3619e+01	4.9643e+02	3.3618e+03	9.3491e+01
539	2083	8.4581e+00	1.1232e+00	-7.0796e+01	-4.8344e+02	4.3078e+03	1.1253e+02
	2087	-8.4581e+00	-1.1232e+00	7.0796e+01	4.8344e+02	3.3135e+03	3.3971e+01
540	2082	7.1312e+01	-4.1869e+00	4.9224e+01	-2.9046e+02	-4.6487e+02	6.2837e+01
	2084	-7.1312e+01	4.1869e+00	-4.9224e+01	2.9046e+02	-4.5267e+03	-4.4160e+02
541	2081	7.3237e+01	3.7880e+00	4.5228e+01	-2.9510e+02	2.5655e+02	3.1663e+02
	2083	-7.3237e+01	-3.7880e+00	-4.5228e+01	2.9510e+02	-4.3248e+03	-1.1248e+02
542	2078	7.2024e+01	-2.9929e+00	-2.6786e+01	-2.9189e+02	3.0027e+03	-3.0891e+02
	2082	-7.2024e+01	2.9929e+00	2.6786e+01	2.9189e+02	-4.6398e+02	-6.2925e+01
543	2077	7.3270e+01	-3.4724e+00	-2.8521e+01	-2.9302e+02	3.1200e+03	6.4827e+01
	2081	-7.3270e+01	3.4724e+00	2.8521e+01	2.9302e+02	-2.5892e+02	-3.1663e+02
544	2076	-3.9854e+00	-1.3796e+00	6.7572e+01	-2.0981e+02	-5.8898e+03	-1.9444e+02
	2078	3.9854e+00	1.3796e+00	-6.7572e+01	2.0981e+02	-3.0096e+03	3.0846e+02
545	2075	-3.8165e-01	-3.0736e-01	6.6671e+01	-2.1965e+02	-5.8208e+03	-4.0802e+01
	2077	3.8165e-01	3.0736e-01	-6.6671e+01	2.1965e+02	-3.1260e+03	-6.4843e+01
546	2072	-3.2361e+00	-1.6321e+00	1.0046e+01	-8.2602e+02	-5.4469e+03	-1.1899e+02
	2076	3.2361e+00	1.6321e+00	-1.0046e+01	8.2602e+02	5.8354e+03	1.9405e+02
547	2071	-2.8558e-01	-3.3113e-01	9.0229e+00	-8.2621e+02	-5.4103e+03	-3.3055e+01
	2075	2.8558e-01	3.3113e-01	-9.0229e+00	8.2621e+02	5.7660e+03	4.0796e+01
548	2070	2.8130e+00	1.1174e+00	2.8695e+02	1.1746e+03	-4.9235e+03	-1.3702e+02
	1955	-2.8130e+00	-1.1174e+00	-2.8695e+02	-1.1746e+03	-1.9718e+04	2.3296e+02
549	2069	-3.7568e-01	2.6850e-01	2.8439e+02	1.1664e+03	-4.7674e+03	-3.3270e+01
	1954	3.7568e-01	-2.6850e-01	-2.8439e+02	-1.1664e+03	-1.9654e+04	5.6325e+01
550	2068	2.2852e+00	1.1954e+00	2.8827e+01	8.4344e+02	-7.6990e+03	-2.0882e+01
	2070	-2.2852e+00	-1.1954e+00	-2.8827e+01	-8.4344e+02	4.9909e+03	1.3758e+02
551	2067	-3.3341e-01	2.7790e-01	3.0630e+01	8.4563e+02	-7.7512e+03	-4.9896e+00
	2069	3.3341e-01	-2.7790e-01	-3.0630e+01	-8.4563e+02	4.8346e+03	3.3278e+01
552	1964	1.8215e+00	1.3216e+00	-6.2352e+01	3.1025e+02	-6.0916e+03	-2.7866e+01
	2068	-1.8215e+00	-1.3216e+00	6.2352e+01	-3.1025e+02	7.7389e+03	2.2006e+01
553	1965	-2.9906e-01	2.9002e-01	-6.2847e+01	3.0865e+02	-6.1306e+03	-2.6199e+00
	2067	2.9906e-01	-2.9002e-01	6.2847e+01	-3.0865e+02	7.7911e+03	4.9891e+00
554	2066	-3.6635e+01	-6.5399e+00	1.7777e+02	4.1958e+03	-2.6487e+04	-9.7438e+02
	1975	3.6635e+01	6.5399e+00	-1.7777e+02	-4.1958e+03	0.0000e+00	0.0000e+00
555	2064	-3.6802e+01	5.7320e-01	-1.2494e+02	-6.9310e+02	-1.4623e+04	-9.1971e+02
	2066	3.6802e+01	-5.7320e-01	1.2494e+02	6.9310e+02	2.6808e+04	9.7624e+02
556	2063	-3.6060e+01	4.6269e+00	-2.0329e+02	-2.1541e+03	5.9940e+03	-4.5448e+02
	2064	3.6060e+01	-4.6269e+00	2.0329e+02	2.1541e+03	1.4480e+04	9.1981e+02
557	2062	-3.5444e+01	5.8871e+00	1.1186e+01	-1.9960e+03	6.9020e+03	1.2509e+02
	2063	3.5444e+01	-5.8871e+00	-1.1186e+01	1.9960e+03	-6.0485e+03	4.5326e+02
558	1943	-3.2475e+01	1.4508e+01	-7.8061e+01	-2.6302e+02	1.2178e+04	1.0715e+03
	2062	3.2475e+01	-1.4508e+01	7.8061e+01	2.6302e+02	-7.1800e+03	-1.2663e+02

559	2061	-2.4781e+01	-7.3540e+00	2.9973e+02	-1.8927e+02	7.4746e+02	7.8784e+02
	1943	2.4781e+01	7.3540e+00	-2.9973e+02	1.8927e+02	-1.2178e+04	-1.0715e+03
560	2060	-2.4583e+01	-6.3573e+00	3.8444e+01	-1.6950e+02	-3.2540e+03	1.4459e+02
	2061	2.4583e+01	6.3573e+00	-3.8444e+01	1.6950e+02	-7.5218e+02	-7.8807e+02
561	2058	-2.4581e+01	-3.7520e+00	-6.8844e+01	-4.8239e+02	4.1999e+03	2.3753e+02
	2060	2.4581e+01	3.7520e+00	6.8844e+01	4.8239e+02	3.2225e+03	-1.4395e+02
562	2057	9.7255e+01	4.6513e+00	4.4076e+01	-2.9264e+02	2.8099e+02	7.0419e+02
	2058	-9.7255e+01	-4.6513e+00	-4.4076e+01	2.9264e+02	-4.2173e+03	-2.3781e+02
563	2055	9.6641e+01	-4.9632e+00	-2.9551e+01	-3.0002e+02	3.1461e+03	1.9786e+02
	2057	-9.6641e+01	4.9632e+00	2.9551e+01	3.0002e+02	-2.7310e+02	-7.0409e+02
564	2054	-3.8752e+00	9.3526e-01	6.7999e+01	-2.1633e+02	-5.7905e+03	1.2132e+02
	2055	3.8752e+00	-9.3526e-01	-6.7999e+01	2.1633e+02	-3.1530e+03	-1.9749e+02
565	2052	-3.1805e+00	1.2208e+00	7.6133e+00	-8.1750e+02	-5.5926e+03	8.9045e+01
	2054	3.1805e+00	-1.2208e+00	-7.6133e+00	8.1750e+02	5.7366e+03	-1.2094e+02
566	2051	-2.7876e+00	-9.5198e-01	2.8759e+02	1.1778e+03	-4.9172e+03	1.1782e+02
	1953	2.7876e+00	9.5198e-01	-2.8759e+02	-1.1778e+03	-1.9777e+04	-1.9956e+02
567	2050	-2.2745e+00	-1.0703e+00	2.9837e+01	8.4701e+02	-7.7489e+03	1.1794e+01
	2051	2.2745e+00	1.0703e+00	-2.9837e+01	-8.4701e+02	4.9849e+03	-1.1799e+02
568	1966	-1.8140e+00	-1.2390e+00	-6.2800e+01	3.1133e+02	-6.1294e+03	-2.6893e+01
	2050	1.8140e+00	1.2390e+00	6.2800e+01	-3.1133e+02	7.7889e+03	-1.2793e+01
569	2049	1.8182e+02	3.2358e+01	1.7988e+02	4.2455e+03	-2.6801e+04	4.8210e+03
	1974	-1.8182e+02	-3.2358e+01	-1.7988e+02	-4.2455e+03	0.0000e+00	0.0000e+00
570	2047	1.8307e+02	-2.5827e+00	-1.2712e+02	-7.0202e+02	-1.4744e+04	4.5657e+03
	2049	-1.8307e+02	2.5827e+00	1.2712e+02	7.0202e+02	2.7126e+04	-4.8194e+03
571	2046	1.7995e+02	-2.2379e+01	-2.1358e+02	-2.1738e+03	6.9069e+03	2.3156e+03
	2047	-1.7995e+02	2.2379e+01	2.1358e+02	2.1738e+03	1.4600e+04	-4.5660e+03
572	2045	1.7748e+02	-2.8306e+01	7.5004e+00	-1.9916e+03	6.8333e+03	-4.6235e+02
	2046	-1.7748e+02	2.8306e+01	-7.5004e+00	1.9916e+03	-6.9616e+03	-2.3173e+03
573	1942	1.6359e+02	-7.1258e+01	-7.3989e+01	-2.7568e+02	1.1849e+04	-5.1022e+03
	2045	-1.6359e+02	7.1258e+01	7.3989e+01	2.7568e+02	-7.1123e+03	4.6027e+02
574	2044	1.2596e+02	3.5813e+01	3.0474e+02	-2.0375e+02	4.5370e+02	-3.7206e+03
	1942	-1.2596e+02	-3.5813e+01	-3.0474e+02	2.0375e+02	-1.1849e+04	5.1022e+03
575	2043	1.2564e+02	3.0968e+01	3.1958e+01	-2.0026e+02	-3.0975e+03	-5.8087e+02
	2044	-1.2564e+02	-3.0968e+01	-3.1958e+01	2.0026e+02	-4.5526e+02	3.7198e+03
576	2041	1.2636e+02	1.7830e+01	-6.7922e+01	-4.9798e+02	4.2167e+03	1.2200e+03
	2043	-1.2636e+02	-1.7830e+01	6.7922e+01	4.9798e+02	3.0638e+03	5.8091e+02
577	2040	2.1707e+02	-8.2958e+00	4.7989e+01	-2.7982e+02	-7.3022e+02	2.0551e+03
	2041	-2.1707e+02	8.2958e+00	-4.7989e+01	2.7982e+02	-4.2367e+03	-1.2199e+03
578	2038	2.1484e+02	-1.3172e+01	-2.9725e+01	-3.1544e+02	2.9796e+03	-7.0063e+02
	2040	-2.1484e+02	1.3172e+01	2.9725e+01	3.1544e+02	7.1555e+02	-2.0553e+03
579	2037	-1.2971e+01	-4.8320e+00	7.2193e+01	-1.8850e+02	-5.8256e+03	-2.6637e+02
	2038	1.2971e+01	4.8320e+00	-7.2193e+01	1.8850e+02	-2.9903e+03	7.0092e+02
580	2035	-1.0376e+01	-5.7308e+00	8.5447e+00	-7.9559e+02	-6.1206e+03	-4.0744e+02
	2037	1.0376e+01	5.7308e+00	-8.5447e+00	7.9559e+02	5.7741e+03	2.6667e+02
581	2034	-1.0237e+01	5.0362e+00	2.9952e+02	1.2186e+03	-5.5244e+03	-6.2455e+02
	1952	1.0237e+01	-5.0362e+00	-2.9952e+02	-1.2186e+03	-2.0195e+04	1.0570e+03
582	2033	-8.6154e+00	5.4398e+00	2.6363e+01	8.4745e+02	-7.6687e+03	-7.3962e+01
	2034	8.6154e+00	-5.4398e+00	-2.6363e+01	-8.4745e+02	5.5934e+03	6.2599e+02
583	1967	7.2508e+00	5.9570e+00	-6.1972e+01	3.2075e+02	-6.0707e+03	-8.7106e+01
	2033	-7.2508e+00	-5.9570e+00	6.1972e+01	-3.2075e+02	7.7088e+03	7.5991e+01
584	2032	2.1307e+02	3.7864e+01	1.8220e+02	4.3004e+03	-2.7146e+04	5.6413e+03
	1973	-2.1307e+02	-3.7864e+01	-1.8220e+02	-4.3004e+03	0.0000e+00	0.0000e+00
585	2030	2.1450e+02	-3.1003e+00	-1.2953e+02	-7.1198e+02	-1.4882e+04	5.3433e+03
	2032	-2.1450e+02	3.1003e+00	1.2953e+02	7.1198e+02	2.7475e+04	-5.6477e+03
586	2029	2.1078e+02	-2.6332e+01	-2.2492e+02	-2.1956e+03	7.9095e+03	2.6961e+03

	2030	-2.1078e+02	2.6332e+01	2.2492e+02	2.1956e+03	1.4737e+04	-5.3439e+03
587	2028	2.0780e+02	-3.3328e+01	1.4646e+01	-1.9870e+03	6.7554e+03	-5.8098e+02
	2029	-2.0780e+02	3.3328e+01	-1.4646e+01	1.9870e+03	-7.9645e+03	-2.6926e+03
588	1941	1.9137e+02	-8.3658e+01	-6.9453e+01	-2.9051e+02	1.1480e+04	-6.0333e+03
	2028	-1.9137e+02	8.3658e+01	6.9453e+01	2.9051e+02	-7.0356e+03	5.8358e+02
589	2027	1.4709e+02	4.2306e+01	3.1027e+02	-2.2064e+02	6.8393e+02	-4.4012e+03
	1941	-1.4709e+02	-4.2306e+01	-3.1027e+02	2.2064e+02	-1.1481e+04	6.0333e+03
590	2026	1.4659e+02	3.6603e+01	2.5230e+01	-2.3591e+02	-2.9428e+03	6.8472e+02
	2027	-1.4659e+02	-3.6603e+01	-2.5230e+01	2.3591e+02	-6.7881e+02	4.3950e+03
591	2024	1.4729e+02	2.1234e+01	-6.7359e+01	-5.1705e+02	4.2736e+03	1.4728e+03
	2026	-1.4729e+02	-2.1234e+01	6.7359e+01	5.1705e+02	2.9066e+03	-6.7127e+02
592	2023	3.4544e+02	1.4709e+01	5.4300e+01	-2.6158e+02	-1.3246e+03	2.9704e+03
	2024	-3.4544e+02	-1.4709e+01	-5.4300e+01	2.6158e+02	-4.2968e+03	-1.4871e+03
593	2021	3.4266e+02	-1.9431e+01	-3.3366e+01	-3.3512e+02	2.8219e+03	9.6965e+02
	2023	-3.4266e+02	1.9431e+01	3.3366e+01	3.3512e+02	1.3079e+03	-2.9799e+03
594	2020	-1.7156e+01	5.5515e+00	7.7489e+01	-1.5003e+02	-5.9270e+03	4.3437e+02
	2021	1.7156e+01	-5.5515e+00	-7.7489e+01	1.5003e+02	-2.8378e+03	-9.6900e+02
595	2018	-1.3886e+01	6.7781e+00	1.2897e+01	-7.7490e+02	-6.6940e+03	3.2073e+02
	2020	1.3886e+01	-6.7781e+00	-1.2897e+01	7.7490e+02	5.8780e+03	-4.2609e+02
596	2017	-1.3110e+01	-5.3985e+00	3.1344e+02	1.2650e+03	-6.2478e+03	6.7004e+02
	1951	1.3110e+01	5.3985e+00	-3.1344e+02	-1.2650e+03	-2.0672e+04	-1.1336e+03
597	2016	-1.0903e+01	-5.9633e+00	2.4528e+01	8.4618e+02	-7.5444e+03	7.0186e+01
	2017	1.0903e+01	5.9633e+00	-2.4528e+01	-8.4618e+02	6.3182e+03	-6.7379e+02
598	1968	-8.9755e+00	-6.7229e+00	-6.0723e+01	3.3209e+02	-5.9788e+03	-1.1660e+02
	2016	8.9755e+00	6.7229e+00	6.0723e+01	-3.3209e+02	7.5844e+03	-6.8377e+01
599	2015	6.7405e+02	1.1863e+02	1.8721e+02	4.4229e+03	-2.7892e+04	1.7675e+04
	1972	-6.7405e+02	-1.1863e+02	-1.8721e+02	-4.4229e+03	0.0000e+00	0.0000e+00
600	2013	6.7890e+02	-1.2855e+01	-1.3425e+02	-7.3010e+02	-1.5249e+04	1.6637e+04
	2015	-6.7890e+02	1.2855e+01	1.3425e+02	7.3010e+02	2.8231e+04	-1.7623e+04
601	2012	6.6766e+02	-8.4096e+01	-2.5159e+02	-2.2449e+03	1.0228e+04	8.4844e+03
	2013	-6.6766e+02	8.4096e+01	2.5159e+02	2.2449e+03	1.5100e+04	-1.6629e+04
602	2011	-7.9859e+02	-1.0934e+02	3.9079e+01	-1.9758e+03	6.5655e+03	7.9135e+03
	2012	7.9859e+02	1.0934e+02	-3.9079e+01	1.9758e+03	-1.0284e+04	-8.5108e+03
603	1940	-7.4517e+02	2.9816e+02	-5.9061e+01	-3.2684e+02	1.0627e+04	2.6044e+04
	2011	7.4517e+02	-2.9816e+02	5.9061e+01	3.2684e+02	-6.8486e+03	-7.9263e+03
604	2010	-5.9574e+02	-1.3812e+02	3.2284e+02	-2.6189e+02	-1.9226e+03	2.1002e+04
	1940	5.9574e+02	1.3812e+02	-3.2284e+02	2.6189e+02	-1.0628e+04	-2.6044e+04
605	2009	-2.4749e+02	-1.7081e+02	1.5723e+01	-3.2190e+02	-2.6480e+03	-6.8116e+03
	2010	2.4749e+02	1.7081e+02	-1.5723e+01	3.2190e+02	1.9135e+03	-2.1045e+04
606	2007	-2.5725e+02	-1.4534e+02	-6.7255e+01	-5.6246e+02	4.5510e+03	-1.3656e+04
	2009	2.5725e+02	1.4534e+02	6.7255e+01	5.6246e+02	2.6075e+03	6.8347e+03
607	2006	-7.1440e+02	-1.0550e+02	7.6398e+01	-2.1615e+02	-3.1463e+03	-2.1499e+04
	2007	7.1440e+02	1.0550e+02	-7.6398e+01	2.1615e+02	-4.5806e+03	1.3597e+04
608	2004	-7.1446e+02	5.4609e+01	-6.2235e+01	-4.1130e+02	3.4734e+03	-2.4054e+04
	2006	7.1446e+02	-5.4609e+01	6.2235e+01	4.1130e+02	3.1268e+03	2.1473e+04
609	2003	-9.5455e+02	8.8045e+01	1.0114e+02	-5.8796e+01	-6.6089e+03	-1.5915e+04
	2004	9.5455e+02	-8.8045e+01	-1.0114e+02	5.8796e+01	-3.4972e+03	2.4083e+04
610	2001	-9.3265e+02	1.8602e+02	2.9408e+01	-7.3770e+02	-8.0204e+03	4.8229e+03
	2003	9.3265e+02	-1.8602e+02	-2.9408e+01	7.3770e+02	6.5679e+03	1.5988e+04
611	2000	5.0516e+02	-7.5014e+01	3.4765e+02	1.3757e+03	-8.0445e+03	1.5516e+04
	1950	-5.0516e+02	7.5014e+01	-3.4765e+02	-1.3757e+03	-2.1831e+04	-2.1517e+04
612	1999	3.8150e+02	-1.1354e+02	-3.3487e+01	8.3985e+02	-7.1987e+03	4.5206e+03
	2000	-3.8150e+02	1.1354e+02	3.3487e+01	-8.3985e+02	8.1180e+03	-1.5498e+04
613	1969	3.7585e+02	-1.2800e+02	-5.7275e+01	3.6037e+02	-5.7228e+03	1.9486e+03
	1999	-3.7585e+02	1.2800e+02	5.7275e+01	-3.6037e+02	7.2386e+03	-4.5269e+03

614	1982	-1.0650e+03	-1.8746e+02	1.9516e+02	4.5092e+03	-2.9077e+04	-2.7930e+04
	1971	1.0650e+03	1.8746e+02	-1.9516e+02	-4.5092e+03	0.0000e+00	0.0000e+00
615	1984	1.2243e+03	3.0947e+01	-1.5735e+02	-8.7498e+02	-1.4313e+04	-2.6337e+04
	1982	-1.2243e+03	-3.0947e+01	1.5735e+02	8.7498e+02	2.9412e+04	2.7887e+04
616	1985	1.2114e+03	1.3252e+02	-2.4375e+02	-2.2731e+03	1.0367e+04	-1.3705e+04
	1984	-1.2114e+03	-1.3252e+02	2.4375e+02	2.2731e+03	1.4159e+04	2.6330e+04
617	1986	8.5579e+02	2.1113e+02	4.1689e+01	-2.0018e+03	6.7469e+03	-1.1838e+04
	1985	-8.5579e+02	-2.1113e+02	-4.1689e+01	2.0018e+03	-1.0423e+04	1.3725e+04
618	1938	7.7299e+02	-4.1472e+02	-5.3021e+01	-3.1987e+02	1.0185e+04	-3.7166e+04
	1986	-7.7299e+02	4.1472e+02	5.3021e+01	3.1987e+02	-7.0304e+03	1.1840e+04
619	1998	5.4351e+02	2.5070e+02	3.3232e+02	-2.5852e+02	-2.6664e+03	-2.7595e+04
	1938	-5.4351e+02	-2.5070e+02	-3.3232e+02	2.5852e+02	-1.0186e+04	3.7166e+04
620	1997	6.8613e+02	2.3908e+02	1.4596e+01	-3.4025e+02	-2.0438e+03	7.6210e+03
	1998	-6.8613e+02	-2.3908e+02	-1.4596e+01	3.4025e+02	2.6572e+03	2.7623e+04
621	1995	7.0146e+02	1.6912e+02	-5.0418e+01	-4.9200e+02	3.4893e+03	1.5774e+04
	1997	-7.0146e+02	-1.6912e+02	5.0418e+01	4.9200e+02	2.0127e+03	-7.6268e+03
622	1994	9.6051e+02	1.0993e+02	7.3671e+01	-1.5244e+02	-3.9285e+03	2.5139e+04
	1995	-9.6051e+02	-1.0993e+02	-7.3671e+01	1.5244e+02	-3.5205e+03	-1.5727e+04
623	1992	9.5911e+02	-2.7448e+01	-9.4612e+01	-5.0160e+02	5.8997e+03	2.5965e+04
	1994	-9.5911e+02	2.7448e+01	9.4612e+01	5.0160e+02	3.8993e+03	-2.5120e+04
624	1991	-4.4971e+02	-1.3434e+02	1.5151e+02	1.6157e+02	-9.1080e+03	1.3538e+04
	1992	4.4971e+02	1.3434e+02	-1.5151e+02	-1.6157e+02	-5.9188e+03	-2.5987e+04
625	1989	-4.3447e+02	-1.5473e+02	-5.3219e+01	-8.3803e+02	-6.5413e+03	-3.5327e+03
	1991	4.3447e+02	1.5473e+02	5.3219e+01	8.3803e+02	9.0708e+03	-1.3589e+04
626	1988	-3.9086e+02	1.0873e+02	3.5063e+02	1.3786e+03	-8.7878e+03	-1.5596e+04
	1939	3.9086e+02	-1.0873e+02	-3.5063e+02	-1.3786e+03	-2.1319e+04	2.4512e+04
627	1987	9.6812e+01	1.2453e+02	-3.1356e+01	7.8919e+02	-6.4683e+03	-2.9219e+03
	1988	-9.6812e+01	-1.2453e+02	3.1356e+01	-7.8919e+02	8.8602e+03	1.5584e+04
628	1970	9.8095e+01	1.2188e+02	-5.0492e+01	3.4576e+02	-5.1733e+03	3.9955e+02
	1987	-9.8095e+01	-1.2188e+02	5.0492e+01	-3.4576e+02	6.5071e+03	2.9254e+03
629	1910	0.0000e+00	-2.0706e-01	0.0000e+00	-1.5383e+03	0.0000e+00	-2.4415e+01
	28	0.0000e+00	2.0706e-01	0.0000e+00	1.5383e+03	0.0000e+00	-1.4366e+01
630	1905	0.0000e+00	1.1703e+02	0.0000e+00	-4.4962e+03	0.0000e+00	8.2700e+03
	33	0.0000e+00	-1.1703e+02	0.0000e+00	4.4962e+03	0.0000e+00	1.3653e+04
631	1915	0.0000e+00	-1.1430e+02	0.0000e+00	-4.4335e+03	0.0000e+00	-8.0387e+03
	23	0.0000e+00	1.1430e+02	0.0000e+00	4.4335e+03	0.0000e+00	-1.3374e+04
632	1894	7.1571e+02	8.1526e+02	-1.8582e+02	3.4560e+03	2.5641e+04	1.0028e+05
	1981	-7.1571e+02	-8.1526e+02	1.8582e+02	-3.4560e+03	-2.7857e+03	-2.3151e-10
633	1895	-4.4329e+02	-5.0719e+02	-1.8956e+02	3.4475e+03	2.6093e+04	-6.2384e+04
	1980	4.4329e+02	5.0719e+02	1.8956e+02	-3.4475e+03	-2.7788e+03	-3.3473e-11
634	1896	1.6632e+02	1.9224e+02	-1.8374e+02	3.3517e+03	2.5301e+04	2.3645e+04
	1979	-1.6632e+02	-1.9224e+02	1.8374e+02	-3.3517e+03	-2.7016e+03	3.2503e-11
635	1897	-1.3259e+02	-1.5335e+02	-1.8102e+02	3.3078e+03	2.4931e+04	-1.8862e+04
	1978	1.3259e+02	1.5335e+02	1.8102e+02	-3.3078e+03	-2.6662e+03	-1.9145e-11
636	1898	3.5728e+01	4.1506e+01	-1.7840e+02	3.2679e+03	2.4576e+04	5.1053e+03
	1977	-3.5728e+01	-4.1506e+01	1.7840e+02	-3.2679e+03	-2.6340e+03	1.3495e-11
637	1899	7.7875e+00	9.0004e+00	-1.7758e+02	3.2569e+03	2.4467e+04	1.1070e+03
	1976	-7.7875e+00	-9.0004e+00	1.7758e+02	-3.2569e+03	-2.6252e+03	-9.2270e-12
638	1900	-2.4416e+01	-2.8268e+01	-1.7803e+02	3.2668e+03	2.4530e+04	-3.4769e+03
	1975	2.4416e+01	2.8268e+01	1.7803e+02	-3.2668e+03	-2.6331e+03	-2.5422e-11
639	1901	1.2125e+02	1.3979e+02	-1.8014e+02	3.3055e+03	2.4821e+04	1.7194e+04
	1974	-1.2125e+02	-1.3979e+02	1.8014e+02	-3.3055e+03	-2.6643e+03	-8.5087e-12
640	1902	1.4213e+02	1.6368e+02	-1.8245e+02	3.3482e+03	2.5140e+04	2.0133e+04
	1973	-1.4213e+02	-1.6368e+02	1.8245e+02	-3.3482e+03	-2.6987e+03	-5.0365e-11
641	1903	4.5050e+02	5.1553e+02	-1.8746e+02	3.4435e+03	2.5832e+04	6.3410e+04

	1972	-4.5050e+02	-5.1553e+02	1.8746e+02	-3.4435e+03	-2.7756e+03	-3.0130e-11
642	1904	-7.1163e+02	-8.1698e+02	-1.9536e+02	3.5108e+03	2.6856e+04	-1.0049e+05
	1971	7.1163e+02	8.1698e+02	1.9536e+02	-3.5108e+03	-2.8298e+03	1.7377e-10
2422	55	1.5674e-11	-4.6228e+02	2.5543e-14	-2.1652e+02	-9.0948e-13	-8.7770e+04
	56	-1.5674e-11	4.6228e+02	-2.5543e-14	2.1652e+02	-9.0949e-13	-9.7141e+04
2423	54	1.4675e-11	-3.2236e+02	7.1058e-15	-1.7126e+02	8.7716e-16	-6.9937e+04
	55	-1.4675e-11	3.2236e+02	-7.1058e-15	1.7126e+02	7.5060e-16	-7.1903e+04
2424	53	-1.5067e-11	-7.3513e+02	3.8302e-14	-1.4319e+02	3.6380e-12	-1.0293e+05
	54	1.5067e-11	7.3513e+02	-3.8302e-14	1.4319e+02	3.6379e-12	-1.0291e+05
2425	52	1.4447e-11	-3.2150e+02	-1.7764e-15	-1.5054e+02	1.3985e-12	-7.1649e+04
	53	-1.4447e-11	3.2150e+02	1.7764e-15	1.5054e+02	6.0259e-16	-6.9810e+04
2426	51	-1.6700e-11	-5.0035e+02	1.7663e-15	-1.4689e+02	3.1969e-13	-8.6411e+04
	52	1.6700e-11	5.0035e+02	-1.7663e-15	1.4689e+02	8.8108e-16	-8.8711e+04
2427	50	-1.7099e-11	-5.0035e+02	-8.8813e-16	-1.4696e+02	-1.0484e-12	-8.8712e+04
	51	1.7099e-11	5.0035e+02	8.8813e-16	1.4696e+02	-6.9847e-13	-8.6411e+04
2428	49	1.5328e-11	-3.2150e+02	-3.5789e-15	-1.5088e+02	9.3884e-13	-6.9810e+04
	50	-1.5328e-11	3.2150e+02	3.5789e-15	1.5088e+02	1.2883e-12	-7.1649e+04
2429	48	1.1951e-12	-7.3512e+02	-2.5041e-14	-1.4296e+02	5.1626e-16	-1.0291e+05
	49	-1.1951e-12	7.3512e+02	2.5041e-14	1.4296e+02	-4.7249e-16	-1.0293e+05
2430	47	1.2822e-11	-3.2236e+02	-9.4293e-15	-1.6657e+02	1.8176e-12	-7.1902e+04
	48	-1.2822e-11	3.2236e+02	9.4293e-15	1.6657e+02	1.8174e-12	-6.9936e+04
2431	35	-6.3012e-12	-4.6229e+02	2.8307e-14	-2.2164e+02	-3.6382e-12	-9.7144e+04
	47	6.3012e-12	4.6229e+02	-2.8307e-14	2.2164e+02	-3.6409e-12	-8.7771e+04
2432	45	5.5304e-12	-4.7191e+02	3.7409e-14	-5.2556e+02	1.5040e-15	-8.9697e+04
	46	-5.5304e-12	4.7191e+02	-3.7409e-14	5.2556e+02	1.0927e-16	-9.9068e+04
2433	44	-1.3154e-11	-3.3063e+02	7.1058e-15	-3.8839e+02	5.0659e-12	-7.1725e+04
	45	1.3154e-11	3.3063e+02	-7.1058e-15	3.8839e+02	3.9748e-12	-7.3752e+04
2434	43	4.3402e-12	-7.5451e+02	-3.0407e-14	-4.1524e+02	8.3617e-12	-1.0564e+05
	44	-4.3402e-12	7.5451e+02	3.0407e-14	4.1524e+02	6.9042e-12	-1.0562e+05
2435	42	-1.5602e-11	-3.2968e+02	-3.5527e-15	3.9481e+02	-2.6882e-12	-7.3476e+04
	43	1.5602e-11	3.2968e+02	3.5527e-15	-3.9481e+02	1.9872e-12	-7.1582e+04
2436	65	2.7883e-12	-4.6461e+02	3.7409e-14	-3.0166e+02	1.5040e-15	-8.8315e+04
	66	-2.7883e-12	4.6461e+02	-3.7409e-14	3.0166e+02	1.0927e-16	-9.7531e+04
2437	64	1.1232e-11	-3.2716e+02	2.5221e-18	-3.6951e+02	8.4968e-16	-7.0961e+04
	65	-1.1232e-11	3.2716e+02	-2.5221e-18	3.6951e+02	7.0603e-16	-7.2988e+04
2438	63	1.3830e-11	-7.4514e+02	-5.1965e-14	3.4007e+02	4.8548e-12	-1.0433e+05
	64	-1.3830e-11	7.4514e+02	5.1965e-14	-3.4007e+02	3.7441e-12	-1.0431e+05
2439	62	1.1683e-11	-3.2623e+02	3.5805e-15	-3.4749e+02	2.5325e-12	-7.2705e+04
	63	-1.1683e-11	3.2623e+02	-3.5805e-15	3.4749e+02	-8.2844e-13	-7.0836e+04
2440	61	-6.7169e-12	-5.0725e+02	1.7663e-15	-3.4232e+02	-1.3995e-12	-8.7603e+04
	62	6.7169e-12	5.0725e+02	-1.7663e-15	3.4232e+02	-1.3664e-12	-8.9936e+04
2441	41	1.7391e-11	-5.1316e+02	-1.7864e-15	-4.0738e+02	-2.2683e-13	-8.8621e+04
	42	-1.7391e-11	5.1316e+02	1.7864e-15	4.0738e+02	4.9616e-13	-9.0985e+04
2442	40	-1.8086e-11	-5.1316e+02	5.2899e-18	-4.0752e+02	4.0763e-13	-9.0985e+04
	41	1.8086e-11	5.1316e+02	-5.2899e-18	4.0752e+02	-9.6122e-16	-8.8620e+04
2443	39	-1.5606e-11	-3.2966e+02	-5.4662e-15	3.9530e+02	9.0941e-13	-7.1579e+04
	40	1.5606e-11	3.2966e+02	5.4662e-15	-3.9530e+02	9.0940e-13	-7.3472e+04
2444	38	3.4507e-12	-7.5445e+02	-2.4764e-17	-4.1611e+02	6.9042e-12	-1.0561e+05
	39	-3.4507e-12	7.5445e+02	2.4764e-17	4.1611e+02	7.7878e-12	-1.0563e+05
2445	37	-1.3607e-11	-3.3078e+02	-2.5304e-18	-3.8608e+02	1.8189e-12	-7.3784e+04
	38	1.3607e-11	3.3078e+02	2.5304e-18	3.8608e+02	3.2691e-12	-7.1757e+04
2446	34	5.9884e-12	-4.7187e+02	4.4708e-18	-5.2388e+02	-1.1492e-16	-9.9062e+04
	37	-5.9884e-12	4.7187e+02	-4.4708e-18	5.2388e+02	-1.5042e-15	-8.9686e+04
2447	60	-7.4500e-12	-5.0725e+02	5.2904e-18	-3.4228e+02	1.5704e-12	-8.9936e+04
	61	7.4500e-12	5.0725e+02	-5.2904e-18	3.4228e+02	-8.5499e-13	-8.7603e+04

2448	59	1.5231e-11	-3.2623e+02	-1.0353e-14	-3.4745e+02	4.5441e-13	-7.0836e+04
	60	-1.5231e-11	3.2623e+02	1.0353e-14	3.4745e+02	4.5432e-13	-7.2704e+04
2449	58	-1.2492e-11	-7.4513e+02	-5.8107e-14	3.3988e+02	3.6380e-12	-1.0431e+05
	59	1.2492e-11	7.4513e+02	5.8107e-14	-3.3988e+02	3.6379e-12	-1.0432e+05
2450	57	-1.5856e-11	-3.2717e+02	1.2771e-14	-3.6900e+02	-5.3250e-12	-7.2990e+04
	58	1.5856e-11	3.2717e+02	-1.2771e-14	3.6900e+02	1.8189e-12	-7.0964e+04
2451	36	6.6215e-12	-4.6467e+02	4.4708e-18	-3.0736e+02	-3.5569e-12	-9.7542e+04
	57	-6.6215e-12	4.6467e+02	-4.4708e-18	3.0736e+02	-1.5042e-15	-8.8324e+04
2452	56	-1.2184e-15	8.1802e+01	3.5743e-14	-1.3492e+03	-1.6242e-11	1.4802e+04
	46	1.2184e-15	-8.1802e+01	-3.5743e-14	1.3492e+03	1.5315e-11	2.0874e+04
2453	66	1.4809e-15	-1.5102e+02	1.3509e-13	1.8835e+03	4.1715e-11	-2.5802e+04
	56	-1.4809e-15	1.5102e+02	-1.3509e-13	-1.8835e+03	1.5163e-11	-2.0125e+04
2454	55	1.1053e-15	7.3264e+01	-6.0161e-14	-1.1629e+03	1.6710e-11	1.3677e+04
	45	-1.1053e-15	-7.3264e+01	6.0161e-14	1.1629e+03	8.8512e-12	1.8267e+04
2455	65	1.2111e-15	1.0880e+02	-1.8153e-13	1.6036e+03	-2.3625e-11	1.9188e+04
	55	-1.2111e-15	-1.0880e+02	1.8153e-13	-1.6036e+03	-1.2078e-11	1.3887e+04
2456	54	-2.5706e-16	5.1845e+01	3.6743e-14	-1.1098e+03	-1.6542e-11	9.5993e+03
	44	2.5706e-16	-5.1845e+01	-3.6743e-14	1.1098e+03	1.4620e-11	1.3005e+04
2457	64	2.2139e-16	7.8629e+01	1.3509e-13	1.4336e+03	4.1715e-11	1.3826e+04
	54	-2.2139e-16	-7.8629e+01	-1.3509e-13	-1.4336e+03	1.5163e-11	1.0077e+04
2458	53	2.3059e-12	3.7834e+01	4.6956e-14	-1.1049e+03	1.2756e-11	7.0137e+03
	43	-2.3059e-12	-3.7834e+01	-4.6956e-14	1.1049e+03	-1.0234e-11	9.4821e+03
2459	63	-1.4164e-15	5.8524e+01	1.7736e-13	1.4466e+03	-3.6848e-11	1.0280e+04
	53	1.4164e-15	-5.8524e+01	-1.7736e-13	-1.4466e+03	8.7414e-12	7.5120e+03
2460	52	1.0786e-15	1.6840e+01	3.5348e-14	-1.1996e+03	-1.6745e-11	3.1038e+03
	42	-1.0786e-15	-1.6840e+01	-3.5348e-14	1.1996e+03	1.4468e-11	4.2386e+03
2461	62	1.1296e-15	-2.5977e+01	-2.1163e-13	1.5449e+03	-2.8112e-11	-4.5598e+03
	52	-1.1296e-15	2.5977e+01	2.1163e-13	-1.5449e+03	4.2596e-12	-3.3374e+03
2462	51	2.0748e-15	-8.3937e-02	-4.9441e-14	-1.1081e+03	1.4864e-11	-1.8369e+01
	41	-2.0748e-15	8.3937e-02	4.9441e-14	1.1081e+03	6.8525e-12	-1.8009e+01
2463	61	-1.5857e-15	7.4398e-02	-1.8593e-13	1.4522e+03	-2.3694e-11	1.8678e+01
	51	1.5857e-15	-7.4398e-02	1.8593e-13	-1.4522e+03	-1.1063e-11	1.1249e+01
2464	50	-1.0800e-15	-1.6721e+01	-5.7240e-14	-1.1999e+03	1.5800e-11	-3.0798e+03
	40	1.0800e-15	1.6721e+01	5.7240e-14	1.1999e+03	8.1060e-12	-4.2105e+03
2465	60	-1.1297e-15	2.6032e+01	2.1430e-13	1.5444e+03	-3.1040e-11	4.5626e+03
	50	1.1297e-15	-2.6032e+01	-2.1430e-13	-1.5444e+03	3.8405e-12	3.3515e+03
2466	49	1.1234e-15	-3.7669e+01	4.3028e-14	-1.1052e+03	-1.7769e-11	-6.9795e+03
	39	-1.1234e-15	3.7669e+01	-4.3028e-14	1.1052e+03	1.1244e-11	-9.4443e+03
2467	59	1.4160e-15	-5.8581e+01	1.7736e-13	1.4459e+03	-3.6848e-11	-1.0282e+04
	49	-1.4160e-15	5.8581e+01	-1.7736e-13	-1.4459e+03	8.7414e-12	-7.5270e+03
2468	48	-2.6536e-12	-5.1658e+01	-4.3073e-14	-1.1099e+03	-1.3550e-11	-9.5580e+03
	38	2.6536e-12	5.1658e+01	4.3073e-14	1.1099e+03	5.5329e-12	-1.2965e+04
2469	58	1.0757e-11	-7.8725e+01	-1.7523e-14	1.4338e+03	2.5064e-11	-1.3834e+04
	48	-1.0757e-11	7.8725e+01	1.7523e-14	-1.4338e+03	-2.8594e-11	-1.0099e+04
2470	47	4.7780e-12	-7.3490e+01	4.0842e-14	-1.1630e+03	-1.7005e-11	-1.3719e+04
	37	-4.7780e-12	7.3490e+01	-4.0842e-14	1.1630e+03	1.4778e-11	-1.8323e+04
2471	57	1.8190e-12	-1.0891e+02	-1.9182e-13	1.5972e+03	-2.2243e-11	-1.9215e+04
	47	-1.8190e-12	1.0891e+02	1.9182e-13	-1.5972e+03	-1.2719e-11	-1.3895e+04
2472	35	1.5047e-15	-8.2227e+01	-5.7240e-14	-1.3534e+03	1.5800e-11	-1.4901e+04
	34	-1.5047e-15	8.2227e+01	5.7240e-14	1.3534e+03	8.1573e-12	-2.0959e+04
2473	36	-2.2539e-15	1.5012e+02	1.2513e-13	1.8780e+03	3.6552e-11	2.5687e+04
	35	2.2539e-15	-1.5012e+02	-1.2513e-13	-1.8780e+03	1.7062e-11	1.9964e+04
2474	33	4.7293e+02	1.3975e+02	-7.0694e+02	1.4652e+03	2.0395e+05	3.3041e+04
	66	-4.7293e+02	-1.3975e+02	7.0694e+02	-1.4652e+03	9.5104e+04	2.6074e+04
2475	22	4.6941e+02	-1.7256e+02	-6.9963e+02	1.4652e+03	2.0030e+05	-3.8188e+04

	56	-4.6941e+02	1.7256e+02	6.9963e+02	-1.4652e+03	9.5646e+04	-3.4804e+04
2476	21	-1.5615e+02	-1.3463e+02	-9.3009e+02	1.4652e+03	2.3558e+05	-2.9439e+04
	55	1.5615e+02	1.3463e+02	9.3009e+02	-1.4652e+03	1.5785e+05	-2.7511e+04
2477	32	-4.1668e+02	-1.0306e+02	-9.5407e+02	1.4652e+03	2.4445e+05	-2.4321e+04
	65	4.1668e+02	1.0306e+02	9.5407e+02	-1.4652e+03	1.5913e+05	-1.9275e+04
2478	20	4.0605e+02	-9.5805e+01	-9.7643e+02	1.4652e+03	2.4178e+05	-2.0880e+04
	54	-4.0605e+02	9.5805e+01	9.7643e+02	-1.4652e+03	1.7125e+05	-1.9646e+04
2479	19	-4.2235e+02	-7.1011e+01	-9.7610e+02	1.4652e+03	2.4174e+05	-1.5508e+04
	53	4.2235e+02	7.1011e+01	9.7610e+02	-1.4652e+03	1.7116e+05	-1.4529e+04
2480	8	-4.0005e+02	5.3044e+01	-1.0214e+03	1.4652e+03	2.5545e+05	1.2975e+04
	43	4.0005e+02	-5.3044e+01	1.0214e+03	-1.4652e+03	1.7661e+05	-9.4648e+03
2481	9	4.5887e+02	-7.3661e+01	-1.0220e+03	1.4652e+03	2.5560e+05	-1.8130e+04
	44	-4.5887e+02	7.3661e+01	1.0220e+03	-1.4652e+03	1.7673e+05	-1.3030e+04
2482	10	-3.4844e+02	-1.0148e+02	-9.7434e+02	1.4652e+03	2.4920e+05	-2.4796e+04
	45	3.4844e+02	1.0148e+02	9.7434e+02	-1.4652e+03	1.6295e+05	-1.8131e+04
2483	11	8.2279e+02	-1.2203e+02	-7.2899e+02	1.4652e+03	2.0967e+05	-3.0232e+04
	46	-8.2279e+02	1.2203e+02	7.2899e+02	-1.4652e+03	9.8713e+04	-2.1392e+04
2484	31	4.5167e+02	-7.3299e+01	-1.0021e+03	1.4652e+03	2.5092e+05	-1.7209e+04
	64	-4.5167e+02	7.3299e+01	1.0021e+03	-1.4652e+03	1.7296e+05	-1.3797e+04
2485	30	-4.0059e+02	-5.4944e+01	-1.0014e+03	1.4652e+03	2.5076e+05	-1.2955e+04
	63	4.0059e+02	5.4944e+01	1.0014e+03	-1.4652e+03	1.7284e+05	-1.0287e+04
2486	18	1.7751e+02	-3.1356e+01	-9.3278e+02	1.4652e+03	2.3594e+05	-6.8306e+03
	52	-1.7751e+02	3.1356e+01	9.3278e+02	-1.4652e+03	1.5863e+05	-6.4331e+03
2487	6	-7.1503e+00	1.5146e-01	-1.0219e+03	1.4652e+03	2.5565e+05	4.4864e+01
	41	7.1503e+00	-1.5146e-01	1.0219e+03	-1.4652e+03	1.7664e+05	1.8426e+01
2488	29	1.8948e+02	2.4229e+01	-9.5941e+02	1.4652e+03	2.4544e+05	5.6945e+03
	62	-1.8948e+02	-2.4229e+01	9.5941e+02	-1.4652e+03	1.6040e+05	-4.5545e+03
2489	17	-1.9836e-01	-1.4209e-01	-9.7680e+02	1.4652e+03	2.4196e+05	-3.0923e+01
	51	1.9836e-01	1.4209e-01	9.7680e+02	-1.4652e+03	1.7122e+05	2.8795e+01
2490	7	1.8142e+02	-2.4151e+01	-9.7843e+02	1.4652e+03	2.4994e+05	-5.9646e+03
	42	-1.8142e+02	2.4151e+01	9.7843e+02	-1.4652e+03	1.6394e+05	-4.2522e+03
2491	5	-1.8766e+02	2.3965e+01	-9.7842e+02	1.4652e+03	2.4994e+05	5.9143e+03
	40	1.8766e+02	-2.3965e+01	9.7842e+02	-1.4652e+03	1.6394e+05	4.2238e+03
2492	28	-5.2613e-01	-1.0320e-01	-1.0022e+03	1.4652e+03	2.5101e+05	-2.4901e+01
	61	5.2613e-01	1.0320e-01	1.0022e+03	-1.4652e+03	1.7290e+05	-1.8627e+01
2493	16	-1.7774e+02	3.1314e+01	-9.3278e+02	1.4652e+03	2.3594e+05	6.8248e+03
	50	1.7774e+02	-3.1314e+01	9.3278e+02	-1.4652e+03	1.5863e+05	6.4209e+03
2494	27	-1.9010e+02	-2.4238e+01	-9.5941e+02	1.4652e+03	2.4544e+05	-5.6955e+03
	60	1.9010e+02	2.4238e+01	9.5941e+02	-1.4652e+03	1.6040e+05	-4.5573e+03
2495	4	3.8789e+02	-5.2798e+01	-1.0213e+03	1.4652e+03	2.5543e+05	-1.2909e+04
	39	-3.8789e+02	5.2798e+01	1.0213e+03	-1.4652e+03	1.7659e+05	9.4263e+03
2496	15	4.2206e+02	7.0947e+01	-9.7610e+02	1.4652e+03	2.4173e+05	1.5498e+04
	49	-4.2206e+02	-7.0947e+01	9.7610e+02	-1.4652e+03	1.7116e+05	1.4512e+04
2497	26	3.9954e+02	5.4949e+01	-1.0014e+03	1.4652e+03	2.5075e+05	1.2955e+04
	59	-3.9954e+02	-5.4949e+01	1.0014e+03	-1.4652e+03	1.7284e+05	1.0290e+04
2498	3	-4.7045e+02	7.3459e+01	-1.0222e+03	1.4652e+03	2.5563e+05	1.8081e+04
	38	4.7045e+02	-7.3459e+01	1.0222e+03	-1.4652e+03	1.7675e+05	1.2994e+04
2499	14	-4.0641e+02	9.5744e+01	-9.7643e+02	1.4652e+03	2.4178e+05	2.0870e+04
	48	4.0641e+02	-9.5744e+01	9.7643e+02	-1.4652e+03	1.7125e+05	1.9630e+04
2500	25	-4.5361e+02	7.3341e+01	-1.0021e+03	1.4652e+03	2.5092e+05	1.7219e+04
	58	4.5361e+02	-7.3341e+01	1.0021e+03	-1.4652e+03	1.7296e+05	1.3805e+04
2501	2	3.9504e+02	1.0183e+02	-9.7441e+02	1.4652e+03	2.4922e+05	2.4890e+04
	37	-3.9504e+02	-1.0183e+02	9.7441e+02	-1.4652e+03	1.6297e+05	1.8186e+04
2502	13	1.5639e+02	1.3477e+02	-9.3010e+02	1.4652e+03	2.3558e+05	2.9460e+04
	47	-1.5639e+02	-1.3477e+02	9.3010e+02	-1.4652e+03	1.5785e+05	2.7550e+04

2503	24	4.0038e+02	1.0316e+02	-9.5411e+02	1.4652e+03	2.4446e+05	2.4342e+04
	57	-4.0038e+02	-1.0316e+02	9.5411e+02	-1.4652e+03	1.5914e+05	1.9294e+04
2504	1	-7.9148e+02	1.2253e+02	-7.2885e+02	1.4652e+03	2.0965e+05	3.0360e+04
	34	7.9148e+02	-1.2253e+02	7.2885e+02	-1.4652e+03	9.8682e+04	2.1476e+04
2505	12	-4.6889e+02	1.7239e+02	-6.9963e+02	1.4652e+03	2.0030e+05	3.8148e+04
	35	4.6889e+02	-1.7239e+02	6.9963e+02	-1.4652e+03	9.5643e+04	3.4774e+04
2506	23	-4.4871e+02	-1.3925e+02	-7.0698e+02	1.4652e+03	2.0397e+05	-3.2935e+04
	36	4.4871e+02	1.3925e+02	7.0698e+02	-1.4652e+03	9.5105e+04	-2.5967e+04
654	1906	0.0000e+00	-6.0572e+01	0.0000e+00	4.6610e+03	0.0000e+00	-9.6442e+03
	1905	0.0000e+00	-1.8183e+02	0.0000e+00	-8.2700e+03	0.0000e+00	-4.4962e+03
655	1907	0.0000e+00	-1.1396e+01	0.0000e+00	2.5347e+03	0.0000e+00	-8.2707e+02
	1906	0.0000e+00	-1.0304e+02	0.0000e+00	-4.6610e+03	0.0000e+00	9.6442e+03
656	1908	0.0000e+00	5.3769e+00	0.0000e+00	1.7758e+03	0.0000e+00	2.8241e+02
	1907	0.0000e+00	-2.3875e+00	0.0000e+00	-2.5347e+03	0.0000e+00	8.2707e+02
657	1909	0.0000e+00	-1.2080e+00	0.0000e+00	1.1549e+03	0.0000e+00	-7.2473e+01
	1908	0.0000e+00	3.0172e+00	0.0000e+00	-1.7758e+03	0.0000e+00	-2.8241e+02
658	1910	0.0000e+00	-4.2898e+00	0.0000e+00	1.0158e+03	0.0000e+00	-7.7332e+02
	1909	0.0000e+00	-9.3583e-01	0.0000e+00	-1.1549e+03	0.0000e+00	7.2473e+01
659	1911	0.0000e+00	9.3552e-01	0.0000e+00	1.1324e+03	0.0000e+00	6.7281e+01
	1910	0.0000e+00	4.1121e+00	0.0000e+00	-1.0038e+03	0.0000e+00	-7.6507e+02
660	1912	0.0000e+00	-3.5250e+00	0.0000e+00	1.7311e+03	0.0000e+00	-3.0284e+02
	1911	0.0000e+00	1.1612e+00	0.0000e+00	-1.1324e+03	0.0000e+00	-6.7281e+01
661	1913	0.0000e+00	3.0756e+00	0.0000e+00	2.4669e+03	0.0000e+00	8.1070e+02
	1912	0.0000e+00	-5.5930e+00	0.0000e+00	-1.7311e+03	0.0000e+00	3.0284e+02
662	1914	0.0000e+00	1.0039e+02	0.0000e+00	4.5319e+03	0.0000e+00	9.3617e+03
	1913	0.0000e+00	1.1440e+01	0.0000e+00	-2.4669e+03	0.0000e+00	-8.1070e+02
663	1915	0.0000e+00	1.7084e+02	0.0000e+00	8.0387e+03	0.0000e+00	-4.4335e+03
	1914	0.0000e+00	6.3032e+01	0.0000e+00	-4.5319e+03	0.0000e+00	-9.3617e+03
664	1895	0.0000e+00	9.4494e+01	0.0000e+00	7.3702e+04	0.0000e+00	3.2789e+04
	1894	0.0000e+00	-7.4072e+02	0.0000e+00	-9.1255e+04	0.0000e+00	-2.6842e+04
665	1896	0.0000e+00	-1.5921e+02	0.0000e+00	-2.2597e+04	0.0000e+00	-1.8637e+04
	1895	0.0000e+00	3.6238e+02	0.0000e+00	2.2547e+04	0.0000e+00	-3.6737e+04
666	1897	0.0000e+00	-1.3312e+02	0.0000e+00	-5.6814e+03	0.0000e+00	-1.4437e+04
	1896	0.0000e+00	5.2548e+01	0.0000e+00	3.7886e+03	0.0000e+00	-6.9582e+03
667	1898	0.0000e+00	-9.0545e+01	0.0000e+00	-5.4580e+03	0.0000e+00	-1.3530e+04
	1897	0.0000e+00	7.4654e+01	0.0000e+00	1.0736e+04	0.0000e+00	-1.2142e+04
668	1899	0.0000e+00	-8.2630e+01	0.0000e+00	-7.1194e+03	0.0000e+00	-1.2532e+04
	1898	0.0000e+00	5.6238e+01	0.0000e+00	8.6651e+03	0.0000e+00	-1.1114e+04
669	1900	0.0000e+00	-6.6701e+01	0.0000e+00	-8.3682e+03	0.0000e+00	-1.1812e+04
	1899	0.0000e+00	7.3716e+01	0.0000e+00	7.4296e+03	0.0000e+00	-1.2066e+04
670	1901	0.0000e+00	-8.3364e+01	0.0000e+00	-1.0696e+04	0.0000e+00	-1.2699e+04
	1900	0.0000e+00	7.8842e+01	0.0000e+00	5.9555e+03	0.0000e+00	-1.2790e+04
671	1902	0.0000e+00	-6.6847e+01	0.0000e+00	-2.8584e+03	0.0000e+00	-9.0791e+03
	1901	0.0000e+00	1.2291e+02	0.0000e+00	3.5266e+03	0.0000e+00	-1.3785e+04
672	1903	0.0000e+00	-3.6207e+02	0.0000e+00	-1.5171e+04	0.0000e+00	-3.6009e+04
	1902	0.0000e+00	1.4211e+02	0.0000e+00	1.7068e+04	0.0000e+00	-1.6311e+04
673	1904	0.0000e+00	7.3677e+02	0.0000e+00	9.1603e+04	0.0000e+00	-2.7895e+04
	1903	0.0000e+00	-1.1914e+02	0.0000e+00	-7.4884e+04	0.0000e+00	3.4352e+04

SFORZI "Dinamica SLVh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	4.6741e+01	1.7333e-18	-7.3109e-19	3.1384e-01	0.0000e+00	0.0000e+00
	1923	-4.6741e+01	-1.7333e-18	7.3109e-19	-3.1384e-01	0.0000e+00	0.0000e+00
2	1916	1.4241e+02	0.0000e+00	0.0000e+00	-1.1767e-01	0.0000e+00	0.0000e+00
	1921	-1.4241e+02	0.0000e+00	0.0000e+00	1.1767e-01	0.0000e+00	0.0000e+00

3	2085	9.8881e+01	2.8334e-19	-1.3141e-19	-1.1685e-01	0.0000e+00	0.0000e+00
	1918	-9.8881e+01	-2.8334e-19	1.3141e-19	1.1685e-01	0.0000e+00	0.0000e+00
4	2008	1.5850e+02	1.7699e-18	-3.3235e-19	4.7227e-02	0.0000e+00	0.0000e+00
	2079	-1.5850e+02	-1.7699e-18	3.3235e-19	-4.7227e-02	0.0000e+00	0.0000e+00
5	1919	1.0971e+02	3.6758e-19	-2.7289e-19	-4.3368e-02	0.0000e+00	0.0000e+00
	2056	-1.0971e+02	-3.6758e-19	2.7289e-19	4.3368e-02	0.0000e+00	0.0000e+00
6	2098	6.8937e+01	-7.9470e-19	-7.6451e-19	-1.7300e-02	0.0000e+00	0.0000e+00
	1937	-6.8937e+01	7.9470e-19	7.6451e-19	1.7300e-02	0.0000e+00	0.0000e+00
7	2042	6.5031e+00	1.2509e-18	1.3983e-19	8.1558e-02	0.0000e+00	0.0000e+00
	2107	-6.5031e+00	-1.2509e-18	-1.3983e-19	-8.1558e-02	0.0000e+00	0.0000e+00
8	1925	1.1485e+02	-8.5311e-19	-1.3730e-19	9.8465e-02	0.0000e+00	0.0000e+00
	2008	-1.1485e+02	8.5311e-19	1.3730e-19	-9.8465e-02	0.0000e+00	0.0000e+00
9	2109	7.8321e+01	5.2137e-18	-1.2340e-18	1.5547e-01	0.0000e+00	0.0000e+00
	2123	-7.8321e+01	-5.2137e-18	1.2340e-18	-1.5547e-01	0.0000e+00	0.0000e+00
10	2084	1.3550e+02	-9.3739e-19	1.1486e-19	1.3374e-01	0.0000e+00	0.0000e+00
	2106	-1.3550e+02	9.3739e-19	-1.1486e-19	-1.3374e-01	0.0000e+00	0.0000e+00
11	2083	-7.4497e+01	-2.3591e-18	3.0317e-19	1.3988e-01	0.0000e+00	0.0000e+00
	2078	7.4497e+01	2.3591e-18	-3.0317e-19	-1.3988e-01	0.0000e+00	0.0000e+00
12	2058	6.2215e+01	-1.9636e-18	1.5486e-19	1.4305e-01	0.0000e+00	0.0000e+00
	2077	-6.2215e+01	1.9636e-18	-1.5486e-19	-1.4305e-01	0.0000e+00	0.0000e+00
13	2041	-1.5190e+02	8.9615e-19	7.5780e-20	1.0189e-01	0.0000e+00	0.0000e+00
	2055	1.5190e+02	-8.9615e-19	-7.5780e-20	-1.0189e-01	0.0000e+00	0.0000e+00
14	2024	-9.4173e+01	7.0073e-18	-1.1950e-18	1.0563e-01	0.0000e+00	0.0000e+00
	2038	9.4173e+01	-7.0073e-18	1.1950e-18	-1.0563e-01	0.0000e+00	0.0000e+00
15	2007	-1.3780e+02	7.9472e-19	7.3081e-20	8.1548e-02	0.0000e+00	0.0000e+00
	2021	1.3780e+02	-7.9472e-19	-7.3081e-20	-8.1548e-02	0.0000e+00	0.0000e+00
16	1982	-4.5149e+01	-1.4913e-18	1.0962e-18	3.2017e-01	0.0000e+00	0.0000e+00
	2012	4.5149e+01	1.4913e-18	-1.0962e-18	-3.2017e-01	0.0000e+00	0.0000e+00
17	1985	-8.7419e+01	0.0000e+00	0.0000e+00	-3.9535e-02	0.0000e+00	0.0000e+00
	2010	8.7419e+01	0.0000e+00	0.0000e+00	3.9535e-02	0.0000e+00	0.0000e+00
18	1998	-1.6387e+02	1.9202e-19	1.4264e-20	-5.3623e-02	0.0000e+00	0.0000e+00
	2007	1.6387e+02	-1.9202e-19	-1.4264e-20	5.3623e-02	0.0000e+00	0.0000e+00
19	1995	-1.2826e+01	1.4122e-18	-3.7828e-19	9.0799e-02	0.0000e+00	0.0000e+00
	2004	1.2826e+01	-1.4122e-18	3.7828e-19	-9.0799e-02	0.0000e+00	0.0000e+00
20	1992	-1.1070e+02	-3.2069e-19	-3.5387e-19	7.0528e-02	0.0000e+00	0.0000e+00
	2001	1.1070e+02	3.2069e-19	3.5387e-19	-7.0528e-02	0.0000e+00	0.0000e+00
21	1989	-7.0547e+01	5.7335e-19	4.1760e-19	-4.9332e-02	0.0000e+00	0.0000e+00
	2000	7.0547e+01	-5.7335e-19	-4.1760e-19	4.9332e-02	0.0000e+00	0.0000e+00
22	1988	-3.8438e+01	5.3253e-19	3.2089e-19	1.3698e-02	0.0000e+00	0.0000e+00
	1928	3.8438e+01	-5.3253e-19	-3.2089e-19	-1.3698e-02	0.0000e+00	0.0000e+00
643	1905	-1.4322e+02	6.3204e-14	-4.6401e-15	1.1258e+01	0.0000e+00	0.0000e+00
	1960	1.4322e+02	-6.3204e-14	4.6401e-15	-1.1258e+01	0.0000e+00	0.0000e+00
644	1906	-1.7486e+02	6.5242e-14	-4.6568e-15	2.4368e+01	0.0000e+00	0.0000e+00
	1961	1.7486e+02	-6.5242e-14	4.6568e-15	-2.4368e+01	0.0000e+00	0.0000e+00
645	1907	-2.1760e+02	7.9521e-14	-4.6797e-15	2.5055e+01	0.0000e+00	0.0000e+00
	1962	2.1760e+02	-7.9521e-14	4.6797e-15	-2.5055e+01	0.0000e+00	0.0000e+00
646	1908	-2.3668e+02	8.6338e-14	-4.6830e-15	2.5598e+01	0.0000e+00	0.0000e+00
	1963	2.3668e+02	-8.6338e-14	4.6830e-15	-2.5598e+01	0.0000e+00	0.0000e+00
647	1909	-2.8559e+02	9.8158e-14	-4.6685e-15	2.6724e+01	0.0000e+00	0.0000e+00
	1964	2.8559e+02	-9.8158e-14	4.6685e-15	-2.6724e+01	0.0000e+00	0.0000e+00
648	1910	-2.6137e+02	9.7060e-14	-4.6388e-15	2.7853e+01	0.0000e+00	0.0000e+00
	1965	2.6137e+02	-9.7060e-14	4.6388e-15	-2.7853e+01	0.0000e+00	0.0000e+00
649	1911	-2.8821e+02	9.9012e-14	-4.5958e-15	-2.9406e+01	0.0000e+00	0.0000e+00
	1966	2.8821e+02	-9.9012e-14	4.5958e-15	2.9406e+01	0.0000e+00	0.0000e+00
650	1912	-2.3840e+02	8.6986e-14	-4.5250e-15	-3.1884e+01	0.0000e+00	0.0000e+00

	1967	2.3840e+02	-8.6986e-14	4.5250e-15	3.1884e+01	0.0000e+00	0.0000e+00
651	1913	-2.2311e+02	8.1422e-14	-4.4766e-15	-3.4022e+01	0.0000e+00	0.0000e+00
	1968	2.2311e+02	-8.1422e-14	4.4766e-15	3.4022e+01	0.0000e+00	0.0000e+00
652	1914	-2.1333e+02	7.0256e-14	-4.4039e-15	-3.8466e+01	0.0000e+00	0.0000e+00
	1969	2.1333e+02	-7.0256e-14	4.4039e-15	3.8466e+01	0.0000e+00	0.0000e+00
653	1915	-1.2584e+02	6.4361e-14	-4.3531e-15	-2.9600e+01	0.0000e+00	0.0000e+00
	1970	1.2584e+02	-6.4361e-14	4.3531e-15	2.9600e+01	0.0000e+00	0.0000e+00
237	2116	-2.7747e+02	9.6098e+01	-6.0313e+00	-2.1647e+01	2.7917e+02	1.1412e+04
	2079	2.7747e+02	-9.6098e+01	6.0313e+00	2.1647e+01	3.0904e+02	3.5544e+03
238	1959	-2.3240e+02	9.6856e+01	5.5582e+00	-4.4067e+00	2.0657e+02	1.2662e+04
	2116	2.3240e+02	-9.6856e+01	-5.5582e+00	4.4067e+00	-2.8004e+02	-1.1410e+04
239	2110	-3.2290e+02	4.6888e+01	-1.9345e+00	-5.5050e+00	2.5976e+01	6.9072e+03
	1919	3.2290e+02	-4.6888e+01	1.9345e+00	5.5050e+00	1.5394e+02	3.3469e+03
240	1958	-2.4416e+02	3.1809e+01	6.1234e-01	-4.5278e+00	-7.7847e+00	7.3474e+03
	2110	2.4416e+02	-3.1809e+01	-6.1234e-01	4.5278e+00	-2.4979e+01	-6.9248e+03
241	2121	-3.7205e+02	1.1184e+02	-1.0254e+00	-6.3029e+00	-2.2360e+01	1.3046e+04
	2120	3.7205e+02	-1.1184e+02	1.0254e+00	6.3029e+00	9.0152e+01	3.8079e+03
242	1957	-2.8530e+02	1.0231e+02	4.1667e-01	-8.0874e+00	-3.2975e+01	1.4374e+04
	2121	2.8530e+02	-1.0231e+02	-4.1667e-01	8.0874e+00	2.2927e+01	-1.3043e+04
243	2104	-4.0430e+02	1.2185e+02	6.2178e-01	8.4490e+00	-2.8130e+01	1.4106e+04
	2103	4.0430e+02	-1.2185e+02	-6.2178e-01	-8.4490e+00	6.3023e+01	3.8658e+03
244	1956	-3.0998e+02	1.1149e+02	5.3226e-01	-9.2080e+00	-3.4739e+01	1.5563e+04
	2104	3.0998e+02	-1.1149e+02	-5.3226e-01	9.2080e+00	2.8367e+01	-1.4106e+04
245	2074	-4.9732e+02	1.4549e+02	3.5581e-01	1.0356e+01	-3.2786e+01	1.6182e+04
	2072	4.9732e+02	-1.4549e+02	-3.5581e-01	-1.0356e+01	-3.2617e+01	3.5015e+03
246	1955	-3.8101e+02	1.3254e+02	7.7281e-01	1.0276e+01	-3.4262e+01	1.7931e+04
	2074	3.8101e+02	-1.3254e+02	-7.7281e-01	-1.0276e+01	3.2761e+01	-1.6179e+04
247	2073	-4.4390e+02	1.3562e+02	5.1057e-01	1.1191e+01	-3.4961e+01	1.5414e+04
	2071	4.4390e+02	-1.3562e+02	-5.1057e-01	-1.1191e+01	-1.9788e+01	3.2415e+03
248	1954	-3.4026e+02	1.2426e+02	-9.5342e-01	1.0707e+01	-3.3394e+01	1.7064e+04
	2073	3.4026e+02	-1.2426e+02	9.5342e-01	-1.0707e+01	3.4809e+01	-1.5416e+04
249	2053	-5.0204e+02	1.4686e+02	8.8293e-01	1.1674e+01	-4.3785e+01	1.6311e+04
	2052	5.0204e+02	-1.4686e+02	-8.8293e-01	-1.1674e+01	-3.5764e+01	3.4997e+03
250	1953	-3.8463e+02	1.3379e+02	-1.2114e+00	1.0912e+01	-3.7127e+01	1.8077e+04
	2053	3.8463e+02	-1.3379e+02	1.2114e+00	-1.0912e+01	4.3588e+01	-1.6308e+04
251	2036	-4.0804e+02	1.2282e+02	1.3690e+00	1.1530e+01	-6.3929e+01	1.4145e+04
	2035	4.0804e+02	-1.2282e+02	-1.3690e+00	-1.1530e+01	-6.2083e+01	3.8479e+03
252	1952	-3.1287e+02	1.1236e+02	-1.5958e+00	1.0825e+01	-5.0032e+01	1.5615e+04
	2036	3.1287e+02	-1.1236e+02	1.5958e+00	-1.0825e+01	6.3806e+01	-1.4147e+04
253	2019	-3.8215e+02	1.1479e+02	1.9294e+00	1.0463e+01	-8.8697e+01	1.3295e+04
	2018	3.8215e+02	-1.1479e+02	-1.9294e+00	-1.0463e+01	-9.0466e+01	3.7986e+03
254	1951	-2.9306e+02	1.0500e+02	-1.9847e+00	1.0479e+01	-6.7886e+01	1.4663e+04
	2019	2.9306e+02	-1.0500e+02	1.9847e+00	-1.0479e+01	8.8699e+01	-1.3295e+04
255	2002	-3.2729e+02	9.2891e+01	3.1252e+00	2.4035e+00	-1.4956e+02	1.1204e+04
	2001	3.2729e+02	-9.2891e+01	-3.1252e+00	-2.4035e+00	-1.4047e+02	3.4600e+03
256	1950	-2.3778e+02	7.8067e+01	-2.8764e+00	9.0977e+00	-1.1350e+02	1.2227e+04
	2002	2.3778e+02	-7.8067e+01	2.8764e+00	-9.0977e+00	1.4986e+02	-1.1208e+04
257	1990	-2.0583e+02	7.4461e+01	-3.8895e+00	6.7210e+00	-1.2373e+02	9.0440e+03
	1989	2.0583e+02	-7.4461e+01	3.8895e+00	-6.7210e+00	2.5954e+02	3.4701e+03
258	1939	-1.6212e+02	7.0732e+01	1.5644e+00	3.7192e+00	-9.7901e+01	9.9416e+03
	1990	1.6212e+02	-7.0732e+01	-1.5644e+00	-3.7192e+00	1.2349e+02	-9.0489e+03
259	36	1.3969e+02	-2.5635e-13	9.9039e-01	5.2757e-02	-9.9039e+00	0.0000e+00
	1939	-1.3969e+02	2.5635e-13	-9.9039e-01	-5.2757e-02	0.0000e+00	0.0000e+00
260	2110	-1.2139e+01	1.7150e-16	8.2156e-17	-6.8963e+00	0.0000e+00	0.0000e+00
	2116	1.2139e+01	-1.7150e-16	-8.2156e-17	6.8963e+00	0.0000e+00	0.0000e+00

261	2121	-1.3713e+01	1.6546e-17	3.2399e-16	-3.1024e+00	0.0000e+00	0.0000e+00
	2110	1.3713e+01	-1.6546e-17	-3.2399e-16	3.1024e+00	0.0000e+00	0.0000e+00
262	2104	-1.4275e+01	0.0000e+00	0.0000e+00	-1.7704e+00	0.0000e+00	0.0000e+00
	2121	1.4275e+01	0.0000e+00	0.0000e+00	1.7704e+00	0.0000e+00	0.0000e+00
263	2074	-1.4499e+01	1.1059e-17	-7.1384e-17	-2.3905e+00	0.0000e+00	0.0000e+00
	2104	1.4499e+01	-1.1059e-17	7.1384e-17	2.3905e+00	0.0000e+00	0.0000e+00
264	2073	-1.4171e+01	-7.4704e-18	1.5382e-16	1.4042e+00	0.0000e+00	0.0000e+00
	2074	1.4171e+01	7.4704e-18	-1.5382e-16	-1.4042e+00	0.0000e+00	0.0000e+00
265	2053	-1.3466e+01	1.5414e-17	-3.0725e-17	-1.5381e+00	0.0000e+00	0.0000e+00
	2073	1.3466e+01	-1.5414e-17	3.0725e-17	1.5381e+00	0.0000e+00	0.0000e+00
266	2036	-1.2045e+01	-7.9529e-17	-1.4523e-16	2.4695e+00	0.0000e+00	0.0000e+00
	2053	1.2045e+01	7.9529e-17	1.4523e-16	-2.4695e+00	0.0000e+00	0.0000e+00
267	2019	-9.4377e+00	3.3656e-18	-4.0156e-16	1.3933e+00	0.0000e+00	0.0000e+00
	2036	9.4377e+00	-3.3656e-18	4.0156e-16	-1.3933e+00	0.0000e+00	0.0000e+00
268	2002	-5.1658e+00	2.6922e-17	0.0000e+00	3.8943e+00	0.0000e+00	0.0000e+00
	2019	5.1658e+00	-2.6922e-17	0.0000e+00	-3.8943e+00	0.0000e+00	0.0000e+00
269	1990	5.2420e+00	3.3380e-17	-1.1008e-16	7.2602e+00	0.0000e+00	0.0000e+00
	2002	-5.2420e+00	-3.3380e-17	1.1008e-16	-7.2602e+00	0.0000e+00	0.0000e+00
270	77	0.0000e+00	2.1050e+02	0.0000e+00	3.5868e+03	0.0000e+00	3.3794e+04
	1894	0.0000e+00	-2.1050e+02	0.0000e+00	-3.5868e+03	0.0000e+00	4.7566e+04
271	11	0.0000e+00	1.6405e+02	0.0000e+00	4.6146e+02	0.0000e+00	1.4915e+04
	77	0.0000e+00	-1.6405e+02	0.0000e+00	-4.6146e+02	0.0000e+00	-8.0052e+03
272	67	0.0000e+00	2.1691e+02	0.0000e+00	-3.8699e+03	0.0000e+00	3.3956e+04
	1904	0.0000e+00	-2.1691e+02	0.0000e+00	3.8699e+03	0.0000e+00	4.9865e+04
273	1	0.0000e+00	1.6410e+02	0.0000e+00	-4.7255e+02	0.0000e+00	1.4923e+04
	67	0.0000e+00	-1.6410e+02	0.0000e+00	4.7255e+02	0.0000e+00	-8.0483e+03
274	72	0.0000e+00	2.8602e+02	0.0000e+00	-1.6995e+01	0.0000e+00	4.5050e+04
	1899	0.0000e+00	-2.8602e+02	0.0000e+00	1.6995e+01	0.0000e+00	6.3952e+04
275	6	0.0000e+00	4.7412e+02	0.0000e+00	-1.4321e+01	0.0000e+00	3.1226e+04
	72	0.0000e+00	-4.7412e+02	0.0000e+00	1.4321e+01	0.0000e+00	-1.0967e+04
276	76	0.0000e+00	2.4589e+02	0.0000e+00	-1.4423e+02	0.0000e+00	4.0224e+04
	1895	0.0000e+00	-2.4589e+02	0.0000e+00	1.4423e+02	0.0000e+00	5.3141e+04
277	10	0.0000e+00	5.0837e+02	0.0000e+00	-2.2066e+02	0.0000e+00	3.1417e+04
	76	0.0000e+00	-5.0837e+02	0.0000e+00	2.2066e+02	0.0000e+00	-9.6324e+03
278	75	0.0000e+00	2.6302e+02	0.0000e+00	-9.1927e+02	0.0000e+00	4.4192e+04
	1896	0.0000e+00	-2.6302e+02	0.0000e+00	9.1927e+02	0.0000e+00	5.6316e+04
279	9	0.0000e+00	4.8267e+02	0.0000e+00	-1.7425e+03	0.0000e+00	3.1344e+04
	75	0.0000e+00	-4.8267e+02	0.0000e+00	1.7425e+03	0.0000e+00	-1.0510e+04
280	74	0.0000e+00	2.7239e+02	0.0000e+00	-7.2182e+02	0.0000e+00	4.4833e+04
	1897	0.0000e+00	-2.7239e+02	0.0000e+00	7.2182e+02	0.0000e+00	5.9159e+04
281	8	0.0000e+00	4.8137e+02	0.0000e+00	1.5829e+03	0.0000e+00	3.1357e+04
	74	0.0000e+00	-4.8137e+02	0.0000e+00	-1.5829e+03	0.0000e+00	-1.0668e+04
282	73	0.0000e+00	2.7982e+02	0.0000e+00	-4.9050e+02	0.0000e+00	4.3590e+04
	1898	0.0000e+00	-2.7982e+02	0.0000e+00	4.9050e+02	0.0000e+00	6.2809e+04
283	7	0.0000e+00	4.8254e+02	0.0000e+00	-7.4711e+02	0.0000e+00	3.1215e+04
	73	0.0000e+00	-4.8254e+02	0.0000e+00	7.4711e+02	0.0000e+00	-1.0654e+04
284	71	0.0000e+00	2.8108e+02	0.0000e+00	4.8965e+02	0.0000e+00	4.3643e+04
	1900	0.0000e+00	-2.8108e+02	0.0000e+00	-4.8965e+02	0.0000e+00	6.3204e+04
285	5	0.0000e+00	4.8255e+02	0.0000e+00	7.4267e+02	0.0000e+00	3.1213e+04
	71	0.0000e+00	-4.8255e+02	0.0000e+00	-7.4267e+02	0.0000e+00	-1.0667e+04
286	70	0.0000e+00	2.7481e+02	0.0000e+00	7.3340e+02	0.0000e+00	4.4934e+04
	1901	0.0000e+00	-2.7481e+02	0.0000e+00	-7.3340e+02	0.0000e+00	5.9942e+04
287	4	0.0000e+00	4.8136e+02	0.0000e+00	-1.5863e+03	0.0000e+00	3.1355e+04
	70	0.0000e+00	-4.8136e+02	0.0000e+00	1.5863e+03	0.0000e+00	-1.0693e+04
288	69	0.0000e+00	2.6626e+02	0.0000e+00	9.2201e+02	0.0000e+00	4.4311e+04

	1902	0.0000e+00	-2.6626e+02	0.0000e+00	-9.2201e+02	0.0000e+00	5.7401e+04
289	3	0.0000e+00	4.8266e+02	0.0000e+00	1.7376e+03	0.0000e+00	3.1337e+04
	69	0.0000e+00	-4.8266e+02	0.0000e+00	-1.7376e+03	0.0000e+00	-1.0541e+04
290	68	0.0000e+00	2.5073e+02	0.0000e+00	1.4362e+02	0.0000e+00	4.0439e+04
	1903	0.0000e+00	-2.5073e+02	0.0000e+00	-1.4362e+02	0.0000e+00	5.4674e+04
291	2	0.0000e+00	5.0845e+02	0.0000e+00	2.1588e+02	0.0000e+00	3.1408e+04
	68	0.0000e+00	-5.0845e+02	0.0000e+00	-2.1588e+02	0.0000e+00	-9.6876e+03
292	57	1.6598e+02	-2.5615e-13	9.4857e-01	-6.2589e-02	-9.4857e+00	0.0000e+00
	1950	-1.6598e+02	2.5615e-13	-9.4857e-01	6.2589e-02	0.0000e+00	0.0000e+00
293	34	7.5990e+02	6.3833e-14	-7.5759e-01	-4.6862e-02	9.8486e+00	0.0000e+00
	1938	-7.5990e+02	-6.3833e-14	7.5759e-01	4.6862e-02	0.0000e+00	0.0000e+00
294	37	9.7935e+02	6.3614e-14	-1.5029e-01	-7.5510e-02	1.9538e+00	0.0000e+00
	1940	-9.7935e+02	-6.3614e-14	1.5029e-01	7.5510e-02	0.0000e+00	0.0000e+00
295	38	1.1202e+03	6.3974e-14	-5.9103e-02	-8.2654e-02	7.6834e-01	0.0000e+00
	1941	-1.1202e+03	-6.3974e-14	5.9103e-02	8.2654e-02	0.0000e+00	0.0000e+00
296	39	1.2054e+03	6.4142e-14	-1.1040e-01	-8.4911e-02	1.4351e+00	0.0000e+00
	1942	-1.2054e+03	-6.4142e-14	1.1040e-01	8.4911e-02	0.0000e+00	0.0000e+00
297	40	1.3930e+03	6.4496e-14	-1.2570e-01	-8.9129e-02	1.6340e+00	0.0000e+00
	1943	-1.3930e+03	-6.4496e-14	1.2570e-01	8.9129e-02	0.0000e+00	0.0000e+00
298	41	1.3607e+03	6.4439e-14	-1.9518e-01	-9.2130e-02	2.5374e+00	0.0000e+00
	1944	-1.3607e+03	-6.4439e-14	1.9518e-01	9.2130e-02	0.0000e+00	0.0000e+00
299	42	1.3794e+03	6.4469e-14	2.7169e-01	-9.6287e-02	-3.5319e+00	0.0000e+00
	1945	-1.3794e+03	-6.4469e-14	-2.7169e-01	9.6287e-02	0.0000e+00	0.0000e+00
300	43	1.1950e+03	6.4126e-14	3.4460e-01	1.0403e-01	-4.4798e+00	0.0000e+00
	1946	-1.1950e+03	-6.4126e-14	-3.4460e-01	-1.0403e-01	0.0000e+00	0.0000e+00
301	44	1.0898e+03	6.3931e-14	4.2859e-01	1.1032e-01	-5.5717e+00	0.0000e+00
	1947	-1.0898e+03	-6.3931e-14	-4.2859e-01	-1.1032e-01	0.0000e+00	0.0000e+00
302	45	9.1482e+02	6.3676e-14	5.5241e-01	1.2431e-01	-7.1814e+00	0.0000e+00
	1948	-9.1482e+02	-6.3676e-14	-5.5241e-01	-1.2431e-01	0.0000e+00	0.0000e+00
303	46	7.3695e+02	6.3653e-14	4.9568e-01	7.3404e-02	-6.4438e+00	0.0000e+00
	1949	-7.3695e+02	-6.3653e-14	-4.9568e-01	-7.3404e-02	0.0000e+00	0.0000e+00
304	66	1.8930e+02	-2.5595e-13	1.4637e+00	3.4781e-02	-1.4637e+01	0.0000e+00
	1959	-1.8930e+02	2.5595e-13	-1.4637e+00	-3.4781e-02	0.0000e+00	0.0000e+00
305	65	8.5846e+01	-2.5555e-13	1.3740e+00	5.3296e-02	-1.3740e+01	0.0000e+00
	1958	-8.5846e+01	2.5555e-13	-1.3740e+00	-5.3296e-02	0.0000e+00	0.0000e+00
306	64	2.0783e+02	-2.5766e-13	1.2859e+00	5.7957e-02	-1.2859e+01	0.0000e+00
	1957	-2.0783e+02	2.5766e-13	-1.2859e+00	-5.7957e-02	0.0000e+00	0.0000e+00
307	63	2.2617e+02	-2.5895e-13	1.2339e+00	6.0335e-02	-1.2339e+01	0.0000e+00
	1956	-2.2617e+02	2.5895e-13	-1.2339e+00	-6.0335e-02	0.0000e+00	0.0000e+00
308	62	2.6793e+02	-2.6151e-13	1.1446e+00	6.3273e-02	-1.1446e+01	0.0000e+00
	1955	-2.6793e+02	2.6151e-13	-1.1446e+00	-6.3273e-02	0.0000e+00	0.0000e+00
309	61	2.5102e+02	-2.6147e-13	1.0875e+00	-6.4760e-02	-1.0875e+01	0.0000e+00
	1954	-2.5102e+02	2.6147e-13	-1.0875e+00	6.4760e-02	0.0000e+00	0.0000e+00
310	60	2.7036e+02	-2.6169e-13	1.0401e+00	-6.5696e-02	-1.0401e+01	0.0000e+00
	1953	-2.7036e+02	2.6169e-13	-1.0401e+00	6.5696e-02	0.0000e+00	0.0000e+00
311	59	2.2763e+02	-2.5901e-13	9.8907e-01	-6.5678e-02	-9.8907e+00	0.0000e+00
	1952	-2.2763e+02	2.5901e-13	-9.8907e-01	6.5678e-02	0.0000e+00	0.0000e+00
312	58	2.1293e+02	-2.5793e-13	9.6914e-01	-6.4978e-02	-9.6914e+00	0.0000e+00
	1951	-2.1293e+02	2.5793e-13	-9.6914e-01	6.4978e-02	0.0000e+00	0.0000e+00
313	1936	-6.1703e+01	2.7475e-16	9.4175e-17	-1.5389e+00	0.0000e+00	0.0000e+00
	1937	6.1703e+01	-2.7475e-16	-9.4175e-17	1.5389e+00	0.0000e+00	0.0000e+00
314	1935	-6.3120e+01	-3.1754e-18	3.3658e-16	-8.5430e-01	0.0000e+00	0.0000e+00
	1936	6.3120e+01	3.1754e-18	-3.3658e-16	8.5430e-01	0.0000e+00	0.0000e+00
315	1934	-6.3127e+01	0.0000e+00	0.0000e+00	-3.5243e-01	0.0000e+00	0.0000e+00
	1935	6.3127e+01	0.0000e+00	0.0000e+00	3.5243e-01	0.0000e+00	0.0000e+00

316	1933	-6.2026e+01	7.5365e-18	-7.4829e-17	1.0667e+00	0.0000e+00	0.0000e+00
	1934	6.2026e+01	-7.5365e-18	7.4829e-17	-1.0667e+00	0.0000e+00	0.0000e+00
317	1932	-5.9573e+01	4.0498e-17	5.1966e-17	1.6964e+00	0.0000e+00	0.0000e+00
	1933	5.9573e+01	-4.0498e-17	-5.1966e-17	-1.6964e+00	0.0000e+00	0.0000e+00
318	1931	-5.5928e+01	-8.1283e-17	-5.4239e-17	-1.7131e+00	0.0000e+00	0.0000e+00
	1932	5.5928e+01	8.1283e-17	5.4239e-17	1.7131e+00	0.0000e+00	0.0000e+00
319	1930	-5.0096e+01	-1.3745e-17	-1.5222e-16	-1.0651e+00	0.0000e+00	0.0000e+00
	1931	5.0096e+01	1.3745e-17	1.5222e-16	1.0651e+00	0.0000e+00	0.0000e+00
320	1929	-4.2152e+01	-3.3187e-18	-4.1389e-16	2.7657e-01	0.0000e+00	0.0000e+00
	1930	4.2152e+01	3.3187e-18	4.1389e-16	-2.7657e-01	0.0000e+00	0.0000e+00
321	1928	-2.9772e+01	-5.0013e-18	0.0000e+00	8.1611e-01	0.0000e+00	0.0000e+00
	1929	2.9772e+01	5.0013e-18	0.0000e+00	-8.1611e-01	0.0000e+00	0.0000e+00
322	1927	-6.4251e+00	5.5681e-17	-1.3406e-16	1.8735e+00	0.0000e+00	0.0000e+00
	1928	6.4251e+00	-5.5681e-17	1.3406e-16	-1.8735e+00	0.0000e+00	0.0000e+00
323	1937	-7.0280e+01	2.7823e+01	1.4236e+00	7.7298e-03	-4.8315e-04	-1.5486e+00
	1960	7.0280e+01	-2.7823e+01	-1.4236e+00	-7.7298e-03	-1.0278e+02	2.0099e+03
324	1936	-6.4473e+01	4.7799e+01	2.2527e+00	4.8590e-14	6.0138e-12	9.6566e-01
	1961	6.4473e+01	-4.7799e+01	-2.2527e+00	-4.8590e-14	-1.6265e+02	3.4502e+03
325	1935	-6.8339e+01	5.0665e+01	2.4057e+00	-5.2761e-14	-3.0382e-12	7.6438e-01
	1962	6.8339e+01	-5.0665e+01	-2.4057e+00	5.2761e-14	-1.7369e+02	3.6583e+03
326	1934	-7.4283e+01	5.5072e+01	2.4754e+00	6.4453e-14	5.0515e-13	1.0063e+00
	1963	7.4283e+01	-5.5072e+01	-2.4754e+00	-6.4453e-14	-1.7872e+02	3.9766e+03
327	1933	-9.2255e+01	6.8396e+01	2.5942e+00	4.6039e-13	-2.1181e-12	1.4588e+00
	1964	9.2255e+01	-6.8396e+01	-2.5942e+00	-4.6039e-13	-1.8730e+02	4.9370e+03
328	1932	-8.1305e+01	6.0278e+01	2.7172e+00	-4.3380e-13	4.7732e-12	-3.4120e+00
	1965	8.1305e+01	-6.0278e+01	-2.7172e+00	4.3380e-13	-1.9619e+02	4.3534e+03
329	1931	-9.3132e+01	6.9046e+01	-2.8938e+00	1.4925e-13	-3.0467e-12	1.4995e+00
	1966	9.3132e+01	-6.9046e+01	2.8938e+00	-1.4925e-13	2.0893e+02	4.9839e+03
330	1930	-7.4965e+01	5.5578e+01	-3.1986e+00	3.9966e-14	-4.6744e-12	1.0243e+00
	1967	7.4965e+01	-5.5578e+01	3.1986e+00	-3.9966e-14	2.3094e+02	4.0132e+03
331	1929	-7.0198e+01	5.2043e+01	-3.4693e+00	6.4213e-14	3.8594e-12	7.6441e-01
	1968	7.0198e+01	-5.2043e+01	3.4693e+00	-6.4213e-14	2.5049e+02	3.7578e+03
332	1928	-4.2029e+01	5.2862e+01	-4.0363e+00	-6.1205e-03	3.8256e-04	1.4944e+00
	1969	4.2029e+01	-5.2862e+01	4.0363e+00	6.1205e-03	2.9142e+02	3.8152e+03
333	1927	-3.2099e+01	2.3798e+01	-3.2802e+00	-3.6879e-14	-8.6873e-13	-1.8735e+00
	1970	3.2099e+01	-2.3798e+01	3.2802e+00	3.6879e-14	2.3684e+02	1.7197e+03
334	2089	2.3452e+01	-1.2033e-17	1.2490e-17	1.1761e+00	0.0000e+00	0.0000e+00
	2090	-2.3452e+01	1.2033e-17	-1.2490e-17	-1.1761e+00	0.0000e+00	0.0000e+00
335	2083	1.8066e+02	-1.2708e-17	1.4268e-17	-1.0796e+00	0.0000e+00	0.0000e+00
	2084	-1.8066e+02	1.2708e-17	-1.4268e-17	1.0796e+00	0.0000e+00	0.0000e+00
336	2081	2.5884e+00	-2.1193e-17	1.4077e-17	-1.4082e+00	0.0000e+00	0.0000e+00
	2082	-2.5884e+00	2.1193e-17	-1.4077e-17	1.4082e+00	0.0000e+00	0.0000e+00
337	2055	-1.7352e+02	4.7388e-17	-2.0111e-18	5.7812e-01	0.0000e+00	0.0000e+00
	2077	1.7352e+02	-4.7388e-17	2.0111e-18	-5.7812e-01	0.0000e+00	0.0000e+00
338	2077	-1.0972e+02	-3.9273e-17	1.4177e-17	-6.0581e-01	0.0000e+00	0.0000e+00
	2078	1.0972e+02	3.9273e-17	-1.4177e-17	6.0581e-01	0.0000e+00	0.0000e+00
339	2075	-3.7175e+01	-3.9570e-17	1.4212e-17	4.5006e-01	0.0000e+00	0.0000e+00
	2076	3.7175e+01	3.9570e-17	-1.4212e-17	-4.5006e-01	0.0000e+00	0.0000e+00
340	2071	-1.5847e+01	-2.5808e-17	1.3739e-17	1.2567e+00	0.0000e+00	0.0000e+00
	2072	1.5847e+01	2.5808e-17	-1.3739e-17	-1.2567e+00	0.0000e+00	0.0000e+00
341	2087	3.8616e+01	1.8162e-17	1.3729e-17	-1.3625e-01	0.0000e+00	0.0000e+00
	2088	-3.8616e+01	-1.8162e-17	-1.3729e-17	1.3625e-01	0.0000e+00	0.0000e+00
342	2090	2.7347e+01	0.0000e+00	-2.7450e-16	-1.6624e+00	0.0000e+00	0.0000e+00
	2112	-2.7347e+01	0.0000e+00	2.7450e-16	1.6624e+00	0.0000e+00	0.0000e+00
343	2088	3.1036e+01	0.0000e+00	-2.8687e-16	1.8818e+00	0.0000e+00	0.0000e+00

	2111	-3.1036e+01	0.0000e+00	2.8687e-16	-1.8818e+00	0.0000e+00	0.0000e+00
344	2084	7.1051e+01	0.0000e+00	-3.0101e-16	2.6209e+00	0.0000e+00	0.0000e+00
	2109	-7.1051e+01	0.0000e+00	3.0101e-16	-2.6209e+00	0.0000e+00	0.0000e+00
345	2082	-6.4382e+00	0.0000e+00	-3.0705e-16	1.6477e+00	0.0000e+00	0.0000e+00
	2108	6.4382e+00	0.0000e+00	3.0705e-16	-1.6477e+00	0.0000e+00	0.0000e+00
346	2078	-1.6415e+02	0.0000e+00	-3.0800e-16	-5.3211e-01	0.0000e+00	0.0000e+00
	2106	1.6415e+02	0.0000e+00	3.0800e-16	5.3211e-01	0.0000e+00	0.0000e+00
347	2076	-3.5984e+01	0.0000e+00	-3.1474e-16	-2.3849e+00	0.0000e+00	0.0000e+00
	2105	3.5984e+01	0.0000e+00	3.1474e-16	2.3849e+00	0.0000e+00	0.0000e+00
348	2072	-8.5737e+00	0.0000e+00	-3.3276e-16	-3.2050e+00	0.0000e+00	0.0000e+00
	2103	8.5737e+00	0.0000e+00	3.3276e-16	3.2050e+00	0.0000e+00	0.0000e+00
349	2103	-1.1924e+01	0.0000e+00	0.0000e+00	-2.5023e+00	0.0000e+00	0.0000e+00
	2120	1.1924e+01	0.0000e+00	0.0000e+00	2.5023e+00	0.0000e+00	0.0000e+00
350	2105	-2.7667e+01	0.0000e+00	0.0000e+00	-2.1086e+00	0.0000e+00	0.0000e+00
	2122	2.7667e+01	0.0000e+00	0.0000e+00	2.1086e+00	0.0000e+00	0.0000e+00
351	2106	-2.8931e+01	0.0000e+00	0.0000e+00	-8.9589e-01	0.0000e+00	0.0000e+00
	2123	2.8931e+01	0.0000e+00	0.0000e+00	8.9589e-01	0.0000e+00	0.0000e+00
352	2108	-9.3181e+00	0.0000e+00	0.0000e+00	7.4855e-01	0.0000e+00	0.0000e+00
	2125	9.3181e+00	0.0000e+00	0.0000e+00	-7.4855e-01	0.0000e+00	0.0000e+00
353	2109	1.5850e+01	0.0000e+00	0.0000e+00	2.0018e+00	0.0000e+00	0.0000e+00
	1925	-1.5850e+01	0.0000e+00	0.0000e+00	-2.0018e+00	0.0000e+00	0.0000e+00
354	2111	1.9877e+01	0.0000e+00	0.0000e+00	1.8876e+00	0.0000e+00	0.0000e+00
	1983	-1.9877e+01	0.0000e+00	0.0000e+00	-1.8876e+00	0.0000e+00	0.0000e+00
355	2112	3.2186e+01	0.0000e+00	0.0000e+00	-8.0300e-01	0.0000e+00	0.0000e+00
	2005	-3.2186e+01	0.0000e+00	0.0000e+00	8.0300e-01	0.0000e+00	0.0000e+00
356	2085	-1.1643e+02	-1.4217e-16	1.1284e-16	-5.6292e+00	0.0000e+00	0.0000e+00
	1921	1.1643e+02	1.4217e-16	-1.1284e-16	5.6292e+00	0.0000e+00	0.0000e+00
357	1983	8.5872e-01	0.0000e+00	-2.7870e-16	1.5166e+00	0.0000e+00	0.0000e+00
	2059	-8.5872e-01	0.0000e+00	2.7870e-16	-1.5166e+00	0.0000e+00	0.0000e+00
358	2005	3.7794e+01	0.0000e+00	-2.3311e-16	4.6622e+00	0.0000e+00	0.0000e+00
	2085	-3.7794e+01	0.0000e+00	2.3311e-16	-4.6622e+00	0.0000e+00	0.0000e+00
359	1925	-4.1285e+01	0.0000e+00	-3.0727e-16	3.3413e+00	0.0000e+00	0.0000e+00
	2042	4.1285e+01	0.0000e+00	3.0727e-16	-3.3413e+00	0.0000e+00	0.0000e+00
360	2125	-1.0475e+01	0.0000e+00	-3.1758e-16	1.8183e+00	0.0000e+00	0.0000e+00
	2025	1.0475e+01	0.0000e+00	3.1758e-16	-1.8183e+00	0.0000e+00	0.0000e+00
361	2123	3.7926e+01	0.0000e+00	-3.2115e-16	-2.9697e-01	0.0000e+00	0.0000e+00
	2008	-3.7926e+01	0.0000e+00	3.2115e-16	2.9697e-01	0.0000e+00	0.0000e+00
362	2122	-1.8981e+01	0.0000e+00	-3.3329e-16	-3.0391e+00	0.0000e+00	0.0000e+00
	1996	1.8981e+01	0.0000e+00	3.3329e-16	3.0391e+00	0.0000e+00	0.0000e+00
363	2120	-2.2459e+01	0.0000e+00	-3.6460e-16	-4.1082e+00	0.0000e+00	0.0000e+00
	1919	2.2459e+01	0.0000e+00	3.6460e-16	4.1082e+00	0.0000e+00	0.0000e+00
364	2059	-1.1348e+01	-5.3503e-16	1.0767e-16	-1.0338e+01	0.0000e+00	0.0000e+00
	1920	1.1348e+01	5.3503e-16	-1.0767e-16	1.0338e+01	0.0000e+00	0.0000e+00
365	2042	-5.2232e+01	9.4255e-16	1.0096e-16	-7.3086e+00	0.0000e+00	0.0000e+00
	1918	5.2232e+01	-9.4255e-16	-1.0096e-16	7.3086e+00	0.0000e+00	0.0000e+00
366	2025	-9.5323e+00	1.1348e-15	9.8728e-17	-5.3712e-01	0.0000e+00	0.0000e+00
	1917	9.5323e+00	-1.1348e-15	-9.8728e-17	5.3712e-01	0.0000e+00	0.0000e+00
367	2008	-2.1536e+01	1.0725e-15	9.8127e-17	-4.0972e+00	0.0000e+00	0.0000e+00
	2107	2.1536e+01	-1.0725e-15	-9.8127e-17	4.0972e+00	0.0000e+00	0.0000e+00
368	1996	-1.2705e+01	7.9955e-16	9.0325e-17	-8.6826e+00	0.0000e+00	0.0000e+00
	2080	1.2705e+01	-7.9955e-16	-9.0325e-17	8.6826e+00	0.0000e+00	0.0000e+00
369	1919	-1.3011e+02	3.9106e-16	5.2716e-17	9.9859e+00	0.0000e+00	0.0000e+00
	2079	1.3011e+02	-3.9106e-16	-5.2716e-17	-9.9859e+00	0.0000e+00	0.0000e+00
370	2097	-9.6498e+00	2.4362e-16	1.0106e-16	-1.1462e+00	0.0000e+00	0.0000e+00
	2039	9.6498e+00	-2.4362e-16	-1.0106e-16	1.1462e+00	0.0000e+00	0.0000e+00

371	2098	-8.7466e+01	2.0624e-16	1.0666e-16	-1.7734e+00	0.0000e+00	0.0000e+00
	2056	8.7466e+01	-2.0624e-16	-1.0666e-16	1.7734e+00	0.0000e+00	0.0000e+00
372	2119	-2.4998e+01	0.0000e+00	-4.2089e-16	-1.2663e+00	0.0000e+00	0.0000e+00
	2098	2.4998e+01	0.0000e+00	4.2089e-16	1.2663e+00	0.0000e+00	0.0000e+00
373	2118	-1.4553e+01	0.0000e+00	-4.2018e-16	-8.3991e-01	0.0000e+00	0.0000e+00
	2097	1.4553e+01	0.0000e+00	4.2018e-16	8.3991e-01	0.0000e+00	0.0000e+00
374	2102	-2.3818e+01	0.0000e+00	0.0000e+00	-5.7554e-01	0.0000e+00	0.0000e+00
	2119	2.3818e+01	0.0000e+00	0.0000e+00	5.7554e-01	0.0000e+00	0.0000e+00
375	2101	-1.7285e+01	0.0000e+00	0.0000e+00	-1.7804e-01	0.0000e+00	0.0000e+00
	2118	1.7285e+01	0.0000e+00	0.0000e+00	1.7804e-01	0.0000e+00	0.0000e+00
376	2070	-2.2606e+01	0.0000e+00	-3.6789e-16	-1.0396e+00	0.0000e+00	0.0000e+00
	2102	2.2606e+01	0.0000e+00	3.6789e-16	1.0396e+00	0.0000e+00	0.0000e+00
377	2068	-1.8885e+01	0.0000e+00	-3.6667e-16	8.8158e-01	0.0000e+00	0.0000e+00
	2101	1.8885e+01	0.0000e+00	3.6667e-16	-8.8158e-01	0.0000e+00	0.0000e+00
378	2069	-2.1356e+01	7.7910e-18	8.5833e-18	1.4506e+00	0.0000e+00	0.0000e+00
	2070	2.1356e+01	-7.7910e-18	-8.5833e-18	-1.4506e+00	0.0000e+00	0.0000e+00
379	2067	-1.8881e+01	2.4293e-17	4.5003e-18	1.5977e+00	0.0000e+00	0.0000e+00
	2068	1.8881e+01	-2.4293e-17	-4.5003e-18	-1.5977e+00	0.0000e+00	0.0000e+00
380	2022	2.2050e+00	-8.6524e-16	2.4137e-16	1.1188e+01	0.0000e+00	0.0000e+00
	1926	-2.2050e+00	8.6524e-16	-2.4137e-16	-1.1188e+01	0.0000e+00	0.0000e+00
381	1993	3.2801e+00	-1.0116e-15	2.8061e-16	1.1586e+00	0.0000e+00	0.0000e+00
	1924	-3.2801e+00	1.0116e-15	-2.8061e-16	-1.1586e+00	0.0000e+00	0.0000e+00
382	1916	-5.5609e+01	-8.0348e-16	2.3668e-16	-9.5198e+00	0.0000e+00	0.0000e+00
	1923	5.5609e+01	8.0348e-16	-2.3668e-16	9.5198e+00	0.0000e+00	0.0000e+00
383	2086	1.3243e+00	-3.9666e-16	1.5319e-16	-1.2372e+01	0.0000e+00	0.0000e+00
	1922	-1.3243e+00	3.9666e-16	-1.5319e-16	1.2372e+01	0.0000e+00	0.0000e+00
384	2065	2.0326e+01	0.0000e+00	-2.2653e-16	4.2454e+00	0.0000e+00	0.0000e+00
	2022	-2.0326e+01	0.0000e+00	2.2653e-16	-4.2454e+00	0.0000e+00	0.0000e+00
385	2048	4.7830e+00	0.0000e+00	-2.5618e-16	7.6742e-01	0.0000e+00	0.0000e+00
	1993	-4.7830e+00	0.0000e+00	2.5618e-16	-7.6742e-01	0.0000e+00	0.0000e+00
386	2031	4.8348e+01	0.0000e+00	-2.4269e-16	-3.1062e-01	0.0000e+00	0.0000e+00
	1916	-4.8348e+01	0.0000e+00	2.4269e-16	3.1062e-01	0.0000e+00	0.0000e+00
387	2014	8.3733e+00	0.0000e+00	-2.2566e-16	-3.4501e+00	0.0000e+00	0.0000e+00
	2086	-8.3733e+00	0.0000e+00	2.2566e-16	3.4501e+00	0.0000e+00	0.0000e+00
388	2113	1.2311e+01	0.0000e+00	0.0000e+00	-4.6964e+00	0.0000e+00	0.0000e+00
	2014	-1.2311e+01	0.0000e+00	0.0000e+00	4.6964e+00	0.0000e+00	0.0000e+00
389	2114	2.7924e+01	0.0000e+00	0.0000e+00	-3.3912e+00	0.0000e+00	0.0000e+00
	2031	-2.7924e+01	0.0000e+00	0.0000e+00	3.3912e+00	0.0000e+00	0.0000e+00
390	2115	1.1618e+01	0.0000e+00	0.0000e+00	1.0987e+00	0.0000e+00	0.0000e+00
	2048	-1.1618e+01	0.0000e+00	0.0000e+00	-1.0987e+00	0.0000e+00	0.0000e+00
391	2117	6.6299e+00	0.0000e+00	0.0000e+00	6.8703e+00	0.0000e+00	0.0000e+00
	2065	-6.6299e+00	0.0000e+00	0.0000e+00	-6.8703e+00	0.0000e+00	0.0000e+00
392	2092	1.5347e+01	0.0000e+00	-3.1311e-16	-6.2134e+00	0.0000e+00	0.0000e+00
	2113	-1.5347e+01	0.0000e+00	3.1311e-16	6.2134e+00	0.0000e+00	0.0000e+00
393	2094	1.6072e+01	0.0000e+00	-3.9128e-16	-4.5223e+00	0.0000e+00	0.0000e+00
	2114	-1.6072e+01	0.0000e+00	3.9128e-16	4.5223e+00	0.0000e+00	0.0000e+00
394	2096	1.6182e+01	0.0000e+00	-4.2526e-16	1.1949e+00	0.0000e+00	0.0000e+00
	2115	-1.6182e+01	0.0000e+00	4.2526e-16	-1.1949e+00	0.0000e+00	0.0000e+00
395	2100	2.0491e+01	0.0000e+00	-3.6406e-16	8.3954e+00	0.0000e+00	0.0000e+00
	2117	-2.0491e+01	0.0000e+00	3.6406e-16	-8.3954e+00	0.0000e+00	0.0000e+00
396	2091	1.7624e+01	-1.2169e-17	1.1167e-17	1.9908e+00	0.0000e+00	0.0000e+00
	2092	-1.7624e+01	1.2169e-17	-1.1167e-17	-1.9908e+00	0.0000e+00	0.0000e+00
397	2093	3.0701e+01	-3.7318e-17	6.3063e-18	1.5476e+00	0.0000e+00	0.0000e+00
	2094	-3.0701e+01	3.7318e-17	-6.3063e-18	-1.5476e+00	0.0000e+00	0.0000e+00
398	2095	2.0422e+01	-4.9028e-17	1.3390e-17	-1.6556e-01	0.0000e+00	0.0000e+00

	2096	-2.0422e+01	4.9028e-17	-1.3390e-17	1.6556e-01	0.0000e+00	0.0000e+00
399	2099	2.6416e+01	-4.1018e-17	9.6429e-18	-1.6483e+00	0.0000e+00	0.0000e+00
	2100	-2.6416e+01	4.1018e-17	-9.6429e-18	1.6483e+00	0.0000e+00	0.0000e+00
400	2066	3.0197e+01	5.5903e-17	-2.5302e-17	2.5171e+00	0.0000e+00	0.0000e+00
	2099	-3.0197e+01	-5.5903e-17	2.5302e-17	-2.5171e+00	0.0000e+00	0.0000e+00
401	2049	3.3619e+01	0.0000e+00	3.6297e-16	-8.4535e+00	0.0000e+00	0.0000e+00
	2066	-3.3619e+01	0.0000e+00	-3.6297e-16	8.4535e+00	0.0000e+00	0.0000e+00
402	2064	2.2158e+01	6.8106e-17	-3.0784e-17	5.2761e-02	0.0000e+00	0.0000e+00
	2095	-2.2158e+01	-6.8106e-17	3.0784e-17	-5.2761e-02	0.0000e+00	0.0000e+00
403	2063	3.6576e+01	5.3315e-17	-2.5348e-17	-1.9413e+00	0.0000e+00	0.0000e+00
	2093	-3.6576e+01	-5.3315e-17	2.5348e-17	1.9413e+00	0.0000e+00	0.0000e+00
404	2062	1.8669e+01	2.1273e-17	-1.3267e-17	-2.5518e+00	0.0000e+00	0.0000e+00
	2091	-1.8669e+01	-2.1273e-17	1.3267e-17	2.5518e+00	0.0000e+00	0.0000e+00
405	2061	2.1584e+01	1.1505e-17	-4.7722e-18	-1.3130e+00	0.0000e+00	0.0000e+00
	2089	-2.1584e+01	-1.1505e-17	4.7722e-18	1.3130e+00	0.0000e+00	0.0000e+00
406	2060	3.9471e+01	-1.6152e-17	-4.5401e-18	2.4738e-01	0.0000e+00	0.0000e+00
	2087	-3.9471e+01	1.6152e-17	4.5401e-18	-2.4738e-01	0.0000e+00	0.0000e+00
407	2058	1.0864e+02	1.1846e-17	-4.0583e-18	1.2422e+00	0.0000e+00	0.0000e+00
	2083	-1.0864e+02	-1.1846e-17	4.0583e-18	-1.2422e+00	0.0000e+00	0.0000e+00
408	2057	3.3511e+00	2.7755e-17	-3.2422e-18	1.5001e+00	0.0000e+00	0.0000e+00
	2081	-3.3511e+00	-2.7755e-17	3.2422e-18	-1.5001e+00	0.0000e+00	0.0000e+00
409	2054	-3.4814e+01	4.5983e-17	-4.4439e-18	-6.4683e-01	0.0000e+00	0.0000e+00
	2075	3.4814e+01	-4.5983e-17	4.4439e-18	6.4683e-01	0.0000e+00	0.0000e+00
410	2052	-1.9648e+01	2.8977e-17	-9.5725e-18	-1.4858e+00	0.0000e+00	0.0000e+00
	2071	1.9648e+01	-2.8977e-17	9.5725e-18	1.4858e+00	0.0000e+00	0.0000e+00
411	2051	-1.9569e+01	-7.9878e-18	-1.8827e-17	-1.4693e+00	0.0000e+00	0.0000e+00
	2069	1.9569e+01	7.9878e-18	1.8827e-17	1.4693e+00	0.0000e+00	0.0000e+00
412	2050	-1.7912e+01	-2.4327e-17	-2.1276e-17	-1.6021e+00	0.0000e+00	0.0000e+00
	2067	1.7912e+01	2.4327e-17	2.1276e-17	1.6021e+00	0.0000e+00	0.0000e+00
413	2047	2.2032e+01	0.0000e+00	4.2445e-16	-1.1875e+00	0.0000e+00	0.0000e+00
	2064	-2.2032e+01	0.0000e+00	-4.2445e-16	1.1875e+00	0.0000e+00	0.0000e+00
414	2046	3.9489e+01	0.0000e+00	3.8997e-16	4.5625e+00	0.0000e+00	0.0000e+00
	2063	-3.9489e+01	0.0000e+00	-3.8997e-16	-4.5625e+00	0.0000e+00	0.0000e+00
415	2045	1.8921e+01	0.0000e+00	3.1122e-16	6.2313e+00	0.0000e+00	0.0000e+00
	2062	-1.8921e+01	0.0000e+00	-3.1122e-16	-6.2313e+00	0.0000e+00	0.0000e+00
416	2044	2.0114e+01	0.0000e+00	2.7270e-16	1.5666e+00	0.0000e+00	0.0000e+00
	2061	-2.0114e+01	0.0000e+00	-2.7270e-16	-1.5666e+00	0.0000e+00	0.0000e+00
417	2043	3.7035e+01	0.0000e+00	2.8613e-16	-2.0571e+00	0.0000e+00	0.0000e+00
	2060	-3.7035e+01	0.0000e+00	-2.8613e-16	2.0571e+00	0.0000e+00	0.0000e+00
418	2041	1.5551e+02	0.0000e+00	3.0114e-16	-2.8188e+00	0.0000e+00	0.0000e+00
	2058	-1.5551e+02	0.0000e+00	-3.0114e-16	2.8188e+00	0.0000e+00	0.0000e+00
419	2040	6.7450e+00	0.0000e+00	3.0943e-16	-1.6708e+00	0.0000e+00	0.0000e+00
	2057	-6.7450e+00	0.0000e+00	-3.0943e-16	1.6708e+00	0.0000e+00	0.0000e+00
420	2038	-4.9236e+01	0.0000e+00	3.1226e-16	6.7360e-01	0.0000e+00	0.0000e+00
	2055	4.9236e+01	0.0000e+00	-3.1226e-16	-6.7360e-01	0.0000e+00	0.0000e+00
421	2037	-2.5577e+01	0.0000e+00	3.1941e-16	2.5429e+00	0.0000e+00	0.0000e+00
	2054	2.5577e+01	0.0000e+00	-3.1941e-16	-2.5429e+00	0.0000e+00	0.0000e+00
422	2035	-2.4220e+01	0.0000e+00	3.3815e-16	3.3382e+00	0.0000e+00	0.0000e+00
	2052	2.4220e+01	0.0000e+00	-3.3815e-16	-3.3382e+00	0.0000e+00	0.0000e+00
423	2034	-1.6468e+01	0.0000e+00	3.7437e-16	1.0542e+00	0.0000e+00	0.0000e+00
	2051	1.6468e+01	0.0000e+00	-3.7437e-16	-1.0542e+00	0.0000e+00	0.0000e+00
424	2033	-1.5618e+01	0.0000e+00	3.7307e-16	-8.7790e-01	0.0000e+00	0.0000e+00
	2050	1.5618e+01	0.0000e+00	-3.7307e-16	8.7790e-01	0.0000e+00	0.0000e+00
425	2032	3.5567e+01	0.0000e+00	0.0000e+00	-5.5510e+00	0.0000e+00	0.0000e+00
	2049	-3.5567e+01	0.0000e+00	0.0000e+00	5.5510e+00	0.0000e+00	0.0000e+00

426	2030	2.0166e+01	0.0000e+00	0.0000e+00	-8.9628e-01	0.0000e+00	0.0000e+00
	2047	-2.0166e+01	0.0000e+00	0.0000e+00	8.9628e-01	0.0000e+00	0.0000e+00
427	2029	4.0120e+01	0.0000e+00	0.0000e+00	2.7331e+00	0.0000e+00	0.0000e+00
	2046	-4.0120e+01	0.0000e+00	0.0000e+00	-2.7331e+00	0.0000e+00	0.0000e+00
428	2028	1.7711e+01	0.0000e+00	0.0000e+00	3.8003e+00	0.0000e+00	0.0000e+00
	2045	-1.7711e+01	0.0000e+00	0.0000e+00	-3.8003e+00	0.0000e+00	0.0000e+00
429	2027	2.0308e+01	0.0000e+00	0.0000e+00	6.8212e-01	0.0000e+00	0.0000e+00
	2044	-2.0308e+01	0.0000e+00	0.0000e+00	-6.8212e-01	0.0000e+00	0.0000e+00
430	2026	2.7972e+01	0.0000e+00	0.0000e+00	-1.4746e+00	0.0000e+00	0.0000e+00
	2043	-2.7972e+01	0.0000e+00	0.0000e+00	1.4746e+00	0.0000e+00	0.0000e+00
431	2024	1.9655e+01	0.0000e+00	0.0000e+00	-1.5622e+00	0.0000e+00	0.0000e+00
	2041	-1.9655e+01	0.0000e+00	0.0000e+00	1.5622e+00	0.0000e+00	0.0000e+00
432	2023	5.0956e+00	0.0000e+00	0.0000e+00	-5.8221e-01	0.0000e+00	0.0000e+00
	2040	-5.0956e+00	0.0000e+00	0.0000e+00	5.8221e-01	0.0000e+00	0.0000e+00
433	2021	3.0316e+01	0.0000e+00	0.0000e+00	7.0149e-01	0.0000e+00	0.0000e+00
	2038	-3.0316e+01	0.0000e+00	0.0000e+00	-7.0149e-01	0.0000e+00	0.0000e+00
434	2020	-1.3096e+01	0.0000e+00	0.0000e+00	1.6613e+00	0.0000e+00	0.0000e+00
	2037	1.3096e+01	0.0000e+00	0.0000e+00	-1.6613e+00	0.0000e+00	0.0000e+00
435	2018	-2.8976e+01	0.0000e+00	0.0000e+00	1.9729e+00	0.0000e+00	0.0000e+00
	2035	2.8976e+01	0.0000e+00	0.0000e+00	-1.9729e+00	0.0000e+00	0.0000e+00
436	2017	-1.0800e+01	0.0000e+00	0.0000e+00	4.4899e-01	0.0000e+00	0.0000e+00
	2034	1.0800e+01	0.0000e+00	0.0000e+00	-4.4899e-01	0.0000e+00	0.0000e+00
437	2016	-1.2322e+01	0.0000e+00	0.0000e+00	1.4435e-01	0.0000e+00	0.0000e+00
	2033	1.2322e+01	0.0000e+00	0.0000e+00	-1.4435e-01	0.0000e+00	0.0000e+00
438	2015	3.8703e+01	0.0000e+00	3.4320e-16	-7.8581e+00	0.0000e+00	0.0000e+00
	2032	-3.8703e+01	0.0000e+00	-3.4320e-16	7.8581e+00	0.0000e+00	0.0000e+00
439	2013	1.5159e+01	0.0000e+00	4.0424e-16	-1.6803e+00	0.0000e+00	0.0000e+00
	2030	-1.5159e+01	0.0000e+00	-4.0424e-16	1.6803e+00	0.0000e+00	0.0000e+00
440	2012	3.9070e+01	0.0000e+00	3.8457e-16	3.1432e+00	0.0000e+00	0.0000e+00
	2029	-3.9070e+01	0.0000e+00	-3.8457e-16	-3.1432e+00	0.0000e+00	0.0000e+00
441	2011	1.5292e+01	0.0000e+00	3.2909e-16	4.4918e+00	0.0000e+00	0.0000e+00
	2028	-1.5292e+01	0.0000e+00	-3.2909e-16	-4.4918e+00	0.0000e+00	0.0000e+00
442	2010	1.9833e+01	0.0000e+00	2.9346e-16	5.2137e+00	0.0000e+00	0.0000e+00
	2027	-1.9833e+01	0.0000e+00	-2.9346e-16	-5.2137e+00	0.0000e+00	0.0000e+00
443	2009	1.8995e+01	0.0000e+00	2.9404e-16	-6.2257e+00	0.0000e+00	0.0000e+00
	2026	-1.8995e+01	0.0000e+00	-2.9404e-16	6.2257e+00	0.0000e+00	0.0000e+00
444	2007	-2.5296e+01	0.0000e+00	2.9773e-16	-4.0311e+00	0.0000e+00	0.0000e+00
	2024	2.5296e+01	0.0000e+00	-2.9773e-16	4.0311e+00	0.0000e+00	0.0000e+00
445	2006	4.8773e+00	0.0000e+00	3.0030e-16	-1.0662e+00	0.0000e+00	0.0000e+00
	2023	-4.8773e+00	0.0000e+00	-3.0030e-16	1.0662e+00	0.0000e+00	0.0000e+00
446	2004	1.0811e+02	0.0000e+00	3.0024e-16	2.5590e+00	0.0000e+00	0.0000e+00
	2021	-1.0811e+02	0.0000e+00	-3.0024e-16	-2.5590e+00	0.0000e+00	0.0000e+00
447	2003	-8.1920e+00	0.0000e+00	2.9991e-16	5.1026e+00	0.0000e+00	0.0000e+00
	2020	8.1920e+00	0.0000e+00	-2.9991e-16	-5.1026e+00	0.0000e+00	0.0000e+00
448	2001	-3.3932e+01	9.6967e-17	0.0000e+00	5.7194e+00	0.0000e+00	0.0000e+00
	2018	3.3932e+01	-9.6967e-17	0.0000e+00	-5.7194e+00	0.0000e+00	0.0000e+00
449	2000	-1.0945e+01	1.6887e-17	0.0000e+00	8.4540e-01	0.0000e+00	0.0000e+00
	2017	1.0945e+01	-1.6887e-17	0.0000e+00	-8.4540e-01	0.0000e+00	0.0000e+00
450	1999	-8.2449e+00	8.0627e-18	0.0000e+00	8.3160e-01	0.0000e+00	0.0000e+00
	2016	8.2449e+00	-8.0627e-18	0.0000e+00	-8.3160e-01	0.0000e+00	0.0000e+00
451	1982	4.1006e+01	4.8352e-16	-4.1407e-17	-3.2152e+00	0.0000e+00	0.0000e+00
	2015	-4.1006e+01	-4.8352e-16	4.1407e-17	3.2152e+00	0.0000e+00	0.0000e+00
452	1984	6.0684e+00	4.6284e-16	-8.0403e-17	-4.2397e-01	0.0000e+00	0.0000e+00
	2013	-6.0684e+00	-4.6284e-16	8.0403e-17	4.2397e-01	0.0000e+00	0.0000e+00
453	1985	7.6655e+01	2.6486e-16	-1.1145e-16	4.9247e+00	0.0000e+00	0.0000e+00

	2012	-7.6655e+01	-2.6486e-16	1.1145e-16	-4.9247e+00	0.0000e+00	0.0000e+00
454	1986	1.0828e+01	1.5070e-16	-9.9372e-17	5.6633e+00	0.0000e+00	0.0000e+00
	2011	-1.0828e+01	-1.5070e-16	9.9372e-17	-5.6633e+00	0.0000e+00	0.0000e+00
455	1998	1.3438e+02	6.0679e-17	-5.8344e-17	1.2240e+01	0.0000e+00	0.0000e+00
	2010	-1.3438e+02	-6.0679e-17	5.8344e-17	-1.2240e+01	0.0000e+00	0.0000e+00
456	1997	1.2644e+01	6.1398e-16	-5.6253e-17	1.1207e+01	0.0000e+00	0.0000e+00
	2009	-1.2644e+01	-6.1398e-16	5.6253e-17	-1.1207e+01	0.0000e+00	0.0000e+00
457	1995	3.0012e+01	9.8442e-16	-7.5014e-17	7.1593e+00	0.0000e+00	0.0000e+00
	2007	-3.0012e+01	-9.8442e-16	7.5014e-17	-7.1593e+00	0.0000e+00	0.0000e+00
458	1994	3.8088e+00	1.1692e-15	-7.8066e-17	4.1210e-01	0.0000e+00	0.0000e+00
	2006	-3.8088e+00	-1.1692e-15	7.8066e-17	-4.1210e-01	0.0000e+00	0.0000e+00
459	1992	1.0810e+02	1.1207e-15	-7.9387e-17	3.9693e+00	0.0000e+00	0.0000e+00
	2004	-1.0810e+02	-1.1207e-15	7.9387e-17	-3.9693e+00	0.0000e+00	0.0000e+00
460	1991	8.7169e+00	-8.4923e-16	-8.3830e-17	8.8316e+00	0.0000e+00	0.0000e+00
	2003	-8.7169e+00	8.4923e-16	8.3830e-17	-8.8316e+00	0.0000e+00	0.0000e+00
461	1989	4.3485e+01	-4.3088e-16	-8.4264e-17	1.0407e+01	0.0000e+00	0.0000e+00
	2001	-4.3485e+01	4.3088e-16	8.4264e-17	-1.0407e+01	0.0000e+00	0.0000e+00
462	1988	3.9371e+01	-2.0892e-16	-5.1403e-17	1.8071e+00	0.0000e+00	0.0000e+00
	2000	-3.9371e+01	2.0892e-16	5.1403e-17	-1.8071e+00	0.0000e+00	0.0000e+00
463	1987	-2.3507e+00	-2.4409e-16	-5.8311e-17	1.2161e+00	0.0000e+00	0.0000e+00
	1999	2.3507e+00	2.4409e-16	5.8311e-17	-1.2161e+00	0.0000e+00	0.0000e+00
464	1926	-1.1296e+03	-2.2153e+02	2.1473e+00	6.9228e+01	-3.1993e+02	-3.3007e+04
	1981	1.1296e+03	2.2153e+02	-2.1473e+00	-6.9228e+01	0.0000e+00	0.0000e+00
465	1924	-1.1200e+03	1.4082e+01	-1.4112e+00	-1.8451e+00	-4.9730e+02	-3.1640e+04
	1926	1.1200e+03	-1.4082e+01	1.4112e+00	1.8451e+00	3.2734e+02	3.3020e+04
466	1923	-1.0768e+03	1.5211e+02	-7.3879e+00	-4.3471e+01	1.9429e+02	-1.6349e+04
	1924	1.0768e+03	-1.5211e+02	7.3879e+00	4.3471e+01	4.9540e+02	3.1641e+04
467	1922	-1.0340e+03	2.0490e+02	1.5679e+00	-3.6733e+01	3.3196e+01	3.6978e+03
	1923	1.0340e+03	-2.0490e+02	-1.5679e+00	3.6733e+01	-1.9568e+02	1.6338e+04
468	1949	-9.1974e+02	4.6218e+02	2.5557e+00	-2.6962e+01	-1.2509e+02	3.3867e+04
	1922	9.1974e+02	-4.6218e+02	-2.5557e+00	2.6962e+01	-4.1525e+01	-3.7047e+03
469	1921	-6.7315e+02	-2.2568e+02	3.1684e+00	-2.7782e+01	-2.4775e+02	2.5144e+04
	1949	6.7315e+02	2.2568e+02	-3.1684e+00	2.7782e+01	1.2498e+02	-3.3867e+04
470	1920	-6.4045e+02	-1.9418e+02	-6.4739e+00	-3.6599e+01	4.0333e+02	5.3562e+03
	1921	6.4045e+02	1.9418e+02	6.4739e+00	3.6599e+01	2.4660e+02	-2.5155e+04
471	1918	-6.1996e+02	-1.2141e+02	7.3696e+00	-3.4392e+00	-3.3764e+02	-6.3705e+03
	1920	6.1996e+02	1.2141e+02	-7.3696e+00	3.4392e+00	-4.0501e+02	-5.3672e+03
472	1917	-5.5047e+02	-5.5671e+01	-8.5877e+00	-3.2412e+01	5.1775e+02	-1.2048e+04
	1918	5.5047e+02	5.5671e+01	8.5877e+00	3.2412e+01	3.3606e+02	6.3706e+03
473	2107	-5.1249e+02	-1.0199e+01	6.6508e+00	1.7322e+01	-1.8470e+02	-1.2233e+04
	1917	5.1249e+02	1.0199e+01	-6.6508e+00	-1.7322e+01	-5.1847e+02	1.2048e+04
474	2080	-4.5061e+02	4.7322e+01	-2.4718e+00	-2.4935e+01	3.7815e+01	-7.9788e+03
	2107	4.5061e+02	-4.7322e+01	2.4718e+00	2.4935e+01	1.8220e+02	1.2234e+04
475	2079	-4.0194e+02	8.5643e+01	4.8205e+00	1.9083e+01	-3.1038e+02	-3.5558e+03
	2080	4.0194e+02	-8.5643e+01	-4.8205e+00	-1.9083e+01	-2.1073e+01	7.9810e+03
476	2056	-3.0132e+02	-5.9591e+01	6.4653e+00	5.9704e+00	-3.4350e+02	7.5452e+03
	1959	3.0132e+02	5.9591e+01	-6.4653e+00	-5.9704e+00	-2.0641e+02	-1.2662e+04
477	2039	-2.0305e+02	-7.2121e+01	-5.3916e+00	-4.1083e+00	1.1232e+02	-4.5642e+02
	2056	2.0305e+02	7.2121e+01	5.3916e+00	4.1083e+00	3.4358e+02	-7.5443e+03
478	1960	-1.7188e+02	-8.1116e+01	2.6984e+00	5.9740e+00	1.0439e+02	-2.0099e+03
	2039	1.7188e+02	8.1116e+01	-2.6984e+00	-5.9740e+00	-1.1208e+02	4.5526e+02
479	2022	-1.4126e+03	-3.2054e+02	-1.4469e+00	7.1082e+01	2.1557e+02	-4.7758e+04
	1980	1.4126e+03	3.2054e+02	1.4469e+00	-7.1082e+01	0.0000e+00	0.0000e+00
480	1993	-1.3759e+03	1.8961e+00	3.1482e+00	2.4667e+01	-5.8609e+02	-4.7289e+04
	2022	1.3759e+03	-1.8961e+00	-3.1482e+00	-2.4667e+01	-2.2565e+02	4.7750e+04

481	1916	-1.2826e+03	2.0303e+02	-9.6593e+00	-3.1620e+01	3.5206e+02	-2.6798e+04
	1993	1.2826e+03	-2.0303e+02	9.6593e+00	3.1620e+01	5.8576e+02	4.7290e+04
482	2086	-1.1978e+03	2.9158e+02	4.1741e+00	1.6733e+01	-5.6093e+01	7.2298e+02
	1916	1.1978e+03	-2.9158e+02	-4.1741e+00	-1.6733e+01	-3.5308e+02	2.6807e+04
483	1948	-1.0146e+03	6.0138e+02	-1.0516e+00	-3.8475e+01	5.8085e+01	4.0781e+04
	2086	1.0146e+03	-6.0138e+02	1.0516e+00	3.8475e+01	4.4114e+01	-6.4467e+02
484	2085	-7.0908e+02	-2.5472e+02	-1.7700e+00	-3.8301e+01	1.2604e+02	3.0944e+04
	1948	7.0908e+02	2.5472e+02	1.7700e+00	3.8301e+01	-5.8040e+01	-4.0781e+04
485	2059	-6.7160e+02	-2.0959e+02	4.0356e+00	-3.5548e+01	-2.3659e+02	9.3799e+03
	2085	6.7160e+02	2.0959e+02	-4.0356e+00	3.5548e+01	-1.2524e+02	-3.0927e+04
486	2042	-6.1361e+02	-1.2623e+02	-5.1787e+00	-1.8896e+00	2.8004e+02	-1.0952e+03
	2059	6.1361e+02	1.2623e+02	5.1787e+00	1.8896e+00	2.3391e+02	-9.3689e+03
487	2025	-5.5116e+02	-5.2140e+01	3.2111e+00	2.6173e+01	3.9253e+02	-7.4543e+03
	2042	5.5116e+02	5.2140e+01	-3.2111e+00	-2.6173e+01	-2.8125e+02	1.0210e+03
488	2008	-4.7197e+02	-8.6720e+00	5.9386e+00	7.8406e+00	-6.5248e+01	-7.4373e+03
	2025	4.7197e+02	8.6720e+00	-5.9386e+00	-7.8406e+00	-3.9333e+02	7.4596e+03
489	1996	-4.1787e+02	2.9116e+01	-4.5914e+00	-9.6022e+00	3.0235e+02	-5.1373e+03
	2008	4.1787e+02	-2.9116e+01	4.5914e+00	9.6022e+00	6.6391e+01	7.4272e+03
490	1919	-3.3179e+02	5.4692e+01	4.6230e+00	-1.7032e+01	-1.5289e+02	-3.3408e+03
	1996	3.3179e+02	-5.4692e+01	-4.6230e+00	1.7032e+01	-3.0172e+02	5.1185e+03
491	2098	-2.7734e+02	-2.8062e+01	1.5492e+00	-8.6897e+00	-1.0612e+02	4.8879e+03
	1958	2.7734e+02	2.8062e+01	-1.5492e+00	8.6897e+00	1.0529e+01	-7.3474e+03
492	2097	-2.4853e+02	-5.8561e+01	-7.0565e-01	-3.0843e+00	1.8131e+02	-1.2029e+03
	2098	2.4853e+02	5.8561e+01	7.0565e-01	3.0843e+00	1.0580e+02	-4.8929e+03
493	1961	-1.8381e+02	-8.6497e+01	1.3553e+00	7.0568e+00	1.8300e+02	-3.4502e+03
	2097	1.8381e+02	8.6497e+01	-1.3553e+00	-7.0568e+00	-1.8120e+02	1.2032e+03
494	2065	-1.6732e+03	-3.5757e+02	-1.7861e+00	6.8005e+01	2.6611e+02	-5.3274e+04
	1979	1.6732e+03	3.5757e+02	1.7861e+00	-6.8005e+01	0.0000e+00	0.0000e+00
495	2048	-1.6406e+03	1.3527e+01	1.6904e+00	1.5268e+01	-4.8959e+02	-5.2090e+04
	2065	1.6406e+03	-1.3527e+01	-1.6904e+00	-1.5268e+01	-2.7424e+02	5.3276e+04
496	2031	-1.5477e+03	2.3580e+02	-7.4298e+00	-3.2687e+01	2.2336e+02	-2.8436e+04
	2048	1.5477e+03	-2.3580e+02	7.4298e+00	3.2687e+01	4.8873e+02	5.2090e+04
497	2014	-1.4613e+03	3.2893e+02	2.6411e+00	2.3929e+01	-3.4144e+01	4.6721e+03
	2031	1.4613e+03	-3.2893e+02	-2.6411e+00	-2.3929e+01	-2.2447e+02	2.8433e+04
498	1947	-1.2634e+03	7.0070e+02	-3.8392e-01	-3.3929e+01	3.3654e+01	4.9663e+04
	2014	1.2634e+03	-7.0070e+02	3.8392e-01	3.3929e+01	2.4233e+01	-4.6750e+03
499	2005	-8.9997e+02	-3.2031e+02	-1.0337e+00	-3.3705e+01	7.2036e+01	3.7312e+04
	1947	8.9997e+02	3.2031e+02	1.0337e+00	3.3705e+01	-3.3559e+01	-4.9663e+04
500	1983	-8.4384e+02	-2.6865e+02	4.4317e+00	3.1323e+01	-3.5768e+02	1.0125e+04
	2005	8.4384e+02	2.6865e+02	-4.4317e+00	-3.1323e+01	-7.0953e+01	-3.7316e+04
501	1925	-7.9084e+02	-1.6763e+02	-8.0295e+00	-1.2133e+01	4.4339e+02	-6.8791e+03
	1983	7.9084e+02	1.6763e+02	8.0295e+00	1.2133e+01	3.5609e+02	-1.0130e+04
502	2125	-7.6880e+02	-7.5492e+01	4.9878e+00	9.9775e+00	-2.5377e+02	-1.4411e+04
	1925	7.6880e+02	7.5492e+01	-4.9878e+00	-9.9775e+00	-4.4343e+02	6.8758e+03
503	2123	-6.9041e+02	-1.0411e+01	3.8150e+00	8.1060e+00	-2.5182e+02	-1.4462e+04
	2125	6.9041e+02	1.0411e+01	-3.8150e+00	-8.1060e+00	2.5370e+02	1.4410e+04
504	2122	-5.5649e+02	5.7691e+01	-2.2836e+00	-1.8545e+01	1.7458e+02	-9.1615e+03
	2123	5.5649e+02	-5.7691e+01	2.2836e+00	1.8545e+01	2.5127e+02	1.4464e+04
505	2120	-4.6560e+02	9.8168e+01	2.8247e+00	1.5608e+01	-8.9014e+01	-3.8089e+03
	2122	4.6560e+02	-9.8168e+01	-2.8247e+00	-1.5608e+01	-1.7289e+02	9.1651e+03
506	2119	-3.6049e+02	-6.7150e+01	9.0098e-01	-9.0223e+00	-6.2298e+01	8.6081e+03
	1957	3.6049e+02	6.7150e+01	-9.0098e-01	9.0223e+00	3.3187e+01	-1.4374e+04
507	2118	-2.8335e+02	-8.8588e+01	-1.6209e+00	-7.2508e+00	2.0629e+02	-8.5417e+02
	2119	2.8335e+02	8.8588e+01	1.6209e+00	7.2508e+00	6.2066e+01	-8.6074e+03
508	1962	-2.1594e+02	-1.1662e+02	6.2830e-01	7.1602e+00	1.9438e+02	-3.6583e+03

	2118	2.1594e+02	1.1662e+02	-6.2830e-01	-7.1602e+00	-2.0630e+02	8.5465e+02
509	2117	-1.8354e+03	-3.9144e+02	2.1787e+00	7.0848e+01	-3.2461e+02	-5.8322e+04
	1978	1.8354e+03	3.9144e+02	-2.1787e+00	-7.0848e+01	0.0000e+00	0.0000e+00
510	2115	-1.8002e+03	1.4794e+01	-1.0648e+00	1.0627e+01	-4.4145e+02	-5.7003e+04
	2117	1.8002e+03	-1.4794e+01	1.0648e+00	-1.0627e+01	3.3208e+02	5.8323e+04
511	2114	-1.6989e+03	2.5836e+02	-6.4523e+00	-3.3938e+01	1.7194e+02	-3.1076e+04
	2115	1.6989e+03	-2.5836e+02	6.4523e+00	3.3938e+01	4.4027e+02	5.7003e+04
512	2113	-1.6049e+03	3.6005e+02	2.0470e+00	-2.7772e+01	-2.0134e+01	5.0325e+03
	2114	1.6049e+03	-3.6005e+02	-2.0470e+00	2.7772e+01	-1.7304e+02	3.1075e+04
513	1946	-1.3888e+03	7.6807e+02	-3.2822e-01	-3.1845e+01	2.1633e+01	5.4454e+04
	2113	1.3888e+03	-7.6807e+02	3.2822e-01	3.1845e+01	1.2750e+01	-5.0338e+03
514	2112	-9.9039e+02	-3.5147e+02	-5.7684e-01	-3.1614e+01	4.3090e+01	4.0900e+04
	1946	9.9039e+02	3.5147e+02	5.7684e-01	3.1614e+01	-2.1486e+01	-5.4454e+04
515	2111	-9.2965e+02	-2.9493e+02	4.0242e+00	2.9691e+01	-3.4777e+02	1.1041e+04
	2112	9.2965e+02	2.9493e+02	-4.0242e+00	-2.9691e+01	-4.1700e+01	-4.0901e+04
516	2109	-8.7240e+02	-1.8387e+02	-7.7204e+00	-5.2814e+00	4.2031e+02	-7.5975e+03
	2111	8.7240e+02	1.8387e+02	7.7204e+00	5.2814e+00	3.4646e+02	-1.1041e+04
517	2108	-8.4348e+02	-8.1999e+01	5.1838e+00	1.3725e+01	-1.9862e+02	-1.5798e+04
	2109	8.4348e+02	8.1999e+01	-5.1838e+00	-1.3725e+01	-4.2011e+02	7.5980e+03
518	2106	-7.5831e+02	-1.0457e+01	3.0881e+00	7.5978e+00	-2.3415e+02	-1.5769e+04
	2108	7.5831e+02	1.0457e+01	-3.0881e+00	-7.5978e+00	1.9829e+02	1.5799e+04
519	2105	-6.0476e+02	6.2906e+01	-2.6983e+00	-1.7179e+01	1.2641e+02	-9.9257e+03
	2106	6.0476e+02	-6.2906e+01	2.6983e+00	1.7179e+01	2.3365e+02	1.5770e+04
520	2103	-5.0599e+02	1.0697e+02	2.0626e+00	1.4871e+01	-6.1823e+01	-3.8654e+03
	2105	5.0599e+02	-1.0697e+02	-2.0626e+00	-1.4871e+01	-1.2435e+02	9.9254e+03
521	2102	-3.9199e+02	-7.2710e+01	6.4910e-01	-9.1704e+00	-4.0835e+01	9.3201e+03
	1956	3.9199e+02	7.2710e+01	-6.4910e-01	9.1704e+00	3.4718e+01	-1.5563e+04
522	2101	-3.0815e+02	-9.6174e+01	-1.9375e+00	-8.2216e+00	2.1663e+02	-8.8861e+02
	2102	3.0815e+02	9.6174e+01	1.9375e+00	8.2216e+00	4.0632e+01	-9.3206e+03
523	1963	-2.3487e+02	-1.2676e+02	3.8951e-01	7.3046e+00	1.9980e+02	-3.9766e+03
	2101	2.3487e+02	1.2676e+02	-3.8951e-01	-7.3046e+00	-2.1667e+02	8.8917e+02
524	2100	-2.1119e+03	-4.5709e+02	2.2382e+00	6.8059e+01	-3.3347e+02	-6.8102e+04
	1977	2.1119e+03	4.5709e+02	-2.2382e+00	-6.8059e+01	0.0000e+00	0.0000e+00
525	2099	-2.0937e+03	-4.4349e+02	2.3496e+00	6.8744e+01	-3.5008e+02	-6.6076e+04
	1976	2.0937e+03	4.4349e+02	-2.3496e+00	-6.8744e+01	0.0000e+00	0.0000e+00
526	2096	-2.0663e+03	1.5453e+01	-6.1662e-01	-6.0245e+00	-4.0346e+02	-6.6677e+04
	2100	2.0663e+03	-1.5453e+01	6.1662e-01	6.0245e+00	3.4029e+02	6.8092e+04
527	2095	-2.0560e+03	1.6712e+01	-7.7879e-01	-5.5554e+00	-3.8126e+02	-6.4529e+04
	2099	2.0560e+03	-1.6712e+01	7.7879e-01	5.5554e+00	3.5680e+02	6.6081e+04
528	2094	-1.9418e+03	3.0130e+02	-5.5370e+00	-3.4336e+01	1.2723e+02	-3.6416e+04
	2096	1.9418e+03	-3.0130e+02	5.5370e+00	3.4336e+01	4.0204e+02	6.6676e+04
529	2093	-1.9441e+03	2.9284e+02	-5.1001e+00	-3.4996e+01	1.1594e+02	-3.5117e+04
	2095	1.9441e+03	-2.9284e+02	5.1001e+00	3.4996e+01	3.7961e+02	6.4529e+04
530	2092	-1.8260e+03	4.2291e+02	1.4757e+00	-3.0040e+01	2.0380e+01	5.6525e+03
	2094	1.8260e+03	-4.2291e+02	-1.4757e+00	3.0040e+01	-1.2831e+02	3.6422e+04
531	2091	-1.8403e+03	4.0674e+02	1.2369e+00	-3.1599e+01	3.7016e+01	5.3555e+03
	2093	1.8403e+03	-4.0674e+02	-1.2369e+00	3.1599e+01	-1.1691e+02	3.5114e+04
532	1945	-1.5693e+03	8.8941e+02	-2.4779e-01	2.9066e+01	9.1382e+00	6.3135e+04
	2092	1.5693e+03	-8.8941e+02	2.4779e-01	-2.9066e+01	-1.8914e+01	-5.6450e+03
533	1944	-1.5978e+03	8.7349e+02	3.7098e-01	2.7298e+01	9.9112e+00	6.1827e+04
	2091	1.5978e+03	-8.7349e+02	-3.7098e-01	-2.7298e+01	-3.3420e+01	-5.3595e+03
534	2090	-1.1095e+03	-4.0316e+02	-2.6183e-01	2.8843e+01	2.0038e+01	4.7585e+04
	1945	1.1095e+03	4.0316e+02	2.6183e-01	-2.8843e+01	-8.8215e+00	-6.3135e+04
535	2089	-1.1442e+03	-4.0125e+02	2.6516e-01	2.7128e+01	-8.1590e+00	4.6351e+04
	1944	1.1442e+03	4.0125e+02	-2.6516e-01	-2.7128e+01	-1.0109e+01	-6.1827e+04

536	2088	-1.0339e+03	-3.3741e+02	3.2007e+00	2.7510e+01	-2.8977e+02	1.3403e+04
	2090	1.0339e+03	3.3741e+02	-3.2007e+00	-2.7510e+01	-1.8066e+01	-4.7582e+04
537	2087	-1.0779e+03	-3.3717e+02	9.9883e-01	2.6724e+01	-8.9340e+01	1.2206e+04
	2089	1.0779e+03	3.3717e+02	-9.9883e-01	-2.6724e+01	9.3998e+00	-4.6354e+04
538	2084	-9.6208e+02	-2.1199e+02	-6.1634e+00	-1.5386e+01	3.1719e+02	-8.0504e+03
	2088	9.6208e+02	2.1199e+02	6.1634e+00	1.5386e+01	2.8888e+02	-1.3405e+04
539	2083	-1.0159e+03	-2.0929e+02	-1.4617e+00	-1.9839e+01	3.6538e+01	-8.9888e+03
	2087	1.0159e+03	2.0929e+02	1.4617e+00	1.9839e+01	8.7528e+01	-1.2205e+04
540	2082	-9.2546e+02	-9.8735e+01	5.6633e+00	1.0185e+01	-1.8310e+02	-1.7951e+04
	2084	9.2546e+02	9.8735e+01	-5.6633e+00	-1.0185e+01	-3.1665e+02	8.0465e+03
541	2081	-8.9574e+02	-8.6345e+01	1.1255e+00	1.6655e+01	-9.1133e+01	-1.7645e+04
	2083	8.9574e+02	8.6345e+01	-1.1255e+00	-1.6655e+01	-3.4898e+01	8.9910e+03
542	2078	-8.2157e+02	-1.2599e+01	-2.6247e+00	-7.1197e+00	8.4348e+01	-1.8831e+04
	2082	8.2157e+02	1.2599e+01	2.6247e+00	7.1197e+00	1.8325e+02	1.7948e+04
543	2077	-8.0182e+02	-8.6643e+00	-3.2591e+00	-1.3685e+01	2.2310e+02	-1.7533e+04
	2081	8.0182e+02	8.6643e+00	3.2591e+00	1.3685e+01	9.3648e+01	1.7648e+04
544	2076	-7.4229e+02	7.2720e+01	9.9793e-01	2.0295e+00	1.2650e+02	-1.1901e+04
	2078	7.4229e+02	-7.2720e+01	-9.9793e-01	-2.0295e+00	-8.4614e+01	1.8831e+04
545	2075	-6.6476e+02	7.0645e+01	3.0761e+00	1.0145e+01	-4.8276e+01	-1.0771e+04
	2077	6.6476e+02	-7.0645e+01	-3.0761e+00	-1.0145e+01	-2.2328e+02	1.7535e+04
546	2072	-6.2171e+02	1.2707e+02	-1.6067e+00	1.3806e+01	3.1313e+01	-3.5024e+03
	2076	6.2171e+02	-1.2707e+02	1.6067e+00	-1.3806e+01	-1.2572e+02	1.1904e+04
547	2071	-5.5590e+02	1.1926e+02	-7.9829e-01	1.3739e+01	1.8112e+01	-3.2415e+03
	2075	5.5590e+02	-1.1926e+02	7.9829e-01	-1.3739e+01	4.5154e+01	1.0770e+04
548	2070	-4.7898e+02	-8.3707e+01	-4.6250e-01	-9.2716e+00	-1.4622e+01	1.0744e+04
	1955	4.7898e+02	8.3707e+01	4.6250e-01	9.2716e+00	3.3984e+01	-1.7931e+04
549	2069	-4.3171e+02	-7.9687e+01	-4.8577e-01	-9.2407e+00	9.3701e+00	1.0221e+04
	1954	4.3171e+02	7.9687e+01	4.8577e-01	9.2407e+00	3.2974e+01	-1.7064e+04
550	2068	-3.7545e+02	-1.1335e+02	-2.2595e+00	-9.2117e+00	2.3158e+02	-1.0753e+03
	2070	3.7545e+02	1.1335e+02	2.2595e+00	9.2117e+00	1.4584e+01	-1.0743e+04
551	2067	-3.3967e+02	-1.0592e+02	2.4964e+00	-9.9753e+00	2.4507e+02	-8.2058e+02
	2069	3.3967e+02	1.0592e+02	-2.4964e+00	9.9753e+00	-1.0095e+01	-1.0221e+04
552	1964	-2.8454e+02	-1.5197e+02	8.2568e-01	7.6228e+00	2.0927e+02	-4.9370e+03
	2068	2.8454e+02	1.5197e+02	-8.2568e-01	-7.6228e+00	-2.3164e+02	1.0762e+03
553	1965	-2.5934e+02	-1.3977e+02	9.7290e-01	-7.9162e+00	2.1907e+02	-4.3534e+03
	2067	2.5934e+02	1.3977e+02	-9.7290e-01	7.9162e+00	-2.4515e+02	8.1823e+02
554	2066	-2.1329e+03	-4.6169e+02	2.3714e+00	6.9243e+01	-3.5332e+02	-6.8788e+04
	1975	2.1329e+03	4.6169e+02	-2.3714e+00	-6.9243e+01	0.0000e+00	0.0000e+00
555	2064	-2.0868e+03	1.5548e+01	-1.5875e+00	-1.0793e+01	3.6926e+02	-6.7352e+04
	2066	2.0868e+03	-1.5548e+01	1.5875e+00	1.0793e+01	3.6020e+02	6.8776e+04
556	2063	-1.9610e+03	3.0427e+02	-4.9058e+00	-3.5522e+01	1.1865e+02	-3.6791e+04
	2064	1.9610e+03	-3.0427e+02	4.9058e+00	3.5522e+01	-3.6739e+02	6.7350e+04
557	2062	-1.8440e+03	4.2711e+02	-1.0415e+00	-3.2366e+01	5.1217e+01	5.6858e+03
	2063	1.8440e+03	-4.2711e+02	1.0415e+00	3.2366e+01	-1.1955e+02	3.6798e+04
558	1943	-1.5848e+03	8.9822e+02	5.3644e-01	2.5826e+01	9.4832e+00	6.3744e+04
	2062	1.5848e+03	-8.9822e+02	-5.3644e-01	-2.5826e+01	-4.7356e+01	-5.6778e+03
559	2061	-1.1204e+03	-4.0711e+02	4.3927e-01	2.5678e+01	-9.2294e+00	4.8042e+04
	1943	1.1204e+03	4.0711e+02	-4.3927e-01	-2.5678e+01	-9.3069e+00	-6.3744e+04
560	2060	-1.0441e+03	-3.4070e+02	1.0561e+00	2.5876e+01	-1.0184e+02	1.3527e+04
	2061	1.0441e+03	3.4070e+02	-1.0561e+00	-2.5876e+01	9.7677e+00	-4.8039e+04
561	2058	-9.7149e+02	-2.1405e+02	1.1718e+00	1.5471e+01	-1.0720e+02	-8.1341e+03
	2060	9.7149e+02	2.1405e+02	-1.1718e+00	-1.5471e+01	1.0393e+02	-1.3529e+04
562	2057	-9.0894e+02	-9.8433e+01	1.2382e+00	-1.7839e+01	-1.6269e+02	-1.8004e+04
	2058	9.0894e+02	9.8433e+01	-1.2382e+00	1.7839e+01	1.0757e+02	8.1299e+03
563	2055	-8.0405e+02	-1.3462e+01	-7.1536e+00	-2.8000e+01	5.0884e+02	-1.9022e+04

	2057	8.0405e+02	1.3462e+01	7.1536e+00	2.8000e+01	1.5927e+02	1.8000e+04
564	2054	-7.4933e+02	7.3395e+01	7.7719e+00	2.6569e+01	-2.4296e+02	-1.2023e+04
	2055	7.4933e+02	-7.3395e+01	-7.7719e+00	-2.6569e+01	-5.0891e+02	1.9022e+04
565	2052	-6.2761e+02	1.2827e+02	-2.7614e+00	1.3755e+01	3.6496e+01	-3.5007e+03
	2054	6.2761e+02	-1.2827e+02	2.7614e+00	-1.3755e+01	2.4480e+02	1.2026e+04
566	2051	-4.8349e+02	-8.4384e+01	-6.4442e-01	-8.9771e+00	2.1607e+01	1.0831e+04
	1953	4.8349e+02	8.4384e+01	6.4442e-01	8.9771e+00	3.6632e+01	-1.8077e+04
567	2050	-3.7898e+02	-1.1432e+02	2.8067e+00	-1.0959e+01	-2.6327e+02	-1.0843e+03
	2051	3.7898e+02	1.1432e+02	-2.8067e+00	1.0959e+01	-2.2503e+01	-1.0830e+04
568	1966	-2.8719e+02	-1.5332e+02	-1.0888e+00	-8.2880e+00	-2.3309e+02	-4.9839e+03
	2050	2.8719e+02	1.5332e+02	1.0888e+00	8.2880e+00	2.6336e+02	1.0852e+03
569	2049	-1.8515e+03	-3.9536e+02	2.2746e+00	6.6960e+01	-3.3889e+02	-5.8905e+04
	1974	1.8515e+03	3.9536e+02	-2.2746e+00	-6.6960e+01	0.0000e+00	0.0000e+00
570	2047	-1.8158e+03	1.4710e+01	-1.6417e+00	-1.3248e+01	3.7564e+02	-5.7597e+04
	2049	1.8158e+03	-1.4710e+01	1.6417e+00	1.3248e+01	3.4570e+02	5.8908e+04
571	2046	-1.7133e+03	2.6064e+02	5.0004e+00	-3.5920e+01	-1.2882e+02	-3.1440e+04
	2047	1.7133e+03	-2.6064e+02	-5.0004e+00	3.5920e+01	-3.7368e+02	5.7597e+04
572	2045	-1.6181e+03	3.6344e+02	-5.9438e-01	-3.2333e+01	6.7089e+01	5.0054e+03
	2046	1.6181e+03	-3.6344e+02	5.9438e-01	3.2333e+01	1.2977e+02	3.1438e+04
573	1942	-1.3997e+03	7.7495e+02	8.4809e-01	2.3594e+01	-4.4814e+00	5.4872e+04
	2045	1.3997e+03	-7.7495e+02	-8.4809e-01	-2.3594e+01	-6.3342e+01	-5.0075e+03
574	2044	-9.9780e+02	-3.5438e+02	7.9670e-01	2.3576e+01	-1.8667e+01	4.1206e+04
	1942	9.9780e+02	3.5438e+02	-7.9670e-01	-2.3576e+01	4.4727e+00	-5.4872e+04
575	2043	-9.3623e+02	-2.9729e+02	-1.4401e+00	2.5420e+01	1.3658e+02	1.1106e+04
	2044	9.3623e+02	2.9729e+02	1.4401e+00	-2.5420e+01	2.0948e+01	-4.1207e+04
576	2041	-8.7818e+02	-1.8536e+02	4.5432e+00	2.4486e+01	-4.1359e+02	-7.6811e+03
	2043	8.7818e+02	1.8536e+02	-4.5432e+00	-2.4486e+01	-1.4106e+02	-1.1106e+04
577	2040	-7.3734e+02	-7.7180e+01	-1.3690e+00	-1.1312e+01	-2.2840e+02	-1.5394e+04
	2041	7.3734e+02	7.7180e+01	1.3690e+00	1.1312e+01	4.1447e+02	7.6822e+03
578	2038	-6.5126e+02	-1.1422e+01	-6.0819e+00	-2.9948e+01	5.7308e+02	-1.5951e+04
	2040	6.5126e+02	1.1422e+01	6.0819e+00	2.9948e+01	2.3063e+02	1.5395e+04
579	2037	-6.1036e+02	6.3326e+01	8.7595e+00	3.1505e+01	-2.7703e+02	-1.0060e+04
	2038	6.1036e+02	-6.3326e+01	-8.7595e+00	-3.1505e+01	-5.7299e+02	1.5951e+04
580	2035	-5.1066e+02	1.0781e+02	-3.3700e+00	1.4798e+01	6.2772e+01	-3.8474e+03
	2037	5.1066e+02	-1.0781e+02	3.3700e+00	-1.4798e+01	2.7921e+02	1.0059e+04
581	2034	-3.9539e+02	-7.2946e+01	-9.6921e-01	-8.3677e+00	3.0201e+01	9.3519e+03
	1952	3.9539e+02	7.2946e+01	9.6921e-01	8.3677e+00	4.9582e+01	-1.5615e+04
582	2033	-3.1075e+02	-9.6647e+01	3.3299e+00	1.2678e+01	-2.9372e+02	-8.9956e+02
	2034	3.1075e+02	9.6647e+01	-3.3299e+00	-1.2678e+01	-3.1667e+01	-9.3524e+03
583	1967	-2.3678e+02	-1.2754e+02	-1.2488e+00	-8.8154e+00	-2.5713e+02	-4.0132e+03
	2033	2.3678e+02	1.2754e+02	1.2488e+00	8.8154e+00	2.9386e+02	9.0008e+02
584	2032	-1.7201e+03	-3.6790e+02	2.1408e+00	6.8785e+01	-3.1896e+02	-5.4814e+04
	1973	1.7201e+03	3.6790e+02	-2.1408e+00	-6.8785e+01	0.0000e+00	0.0000e+00
585	2030	-1.6865e+03	1.3699e+01	-3.1701e+00	-2.0923e+01	3.6883e+02	-5.3606e+04
	2032	1.6865e+03	-1.3699e+01	3.1701e+00	2.0923e+01	3.2696e+02	5.4812e+04
586	2029	-1.5907e+03	2.4241e+02	4.9756e+00	-3.6659e+01	-1.3298e+02	-2.9285e+04
	2030	1.5907e+03	-2.4241e+02	-4.9756e+00	3.6659e+01	-3.6641e+02	5.3606e+04
587	2028	-1.5017e+03	3.3828e+02	-9.9631e-01	-3.2188e+01	8.7118e+01	4.7248e+03
	2029	1.5017e+03	-3.3828e+02	9.9631e-01	3.2188e+01	1.3413e+02	2.9286e+04
588	1941	-1.2981e+03	7.2039e+02	1.0156e+00	2.2420e+01	-1.2920e+01	5.1003e+04
	2028	1.2981e+03	-7.2039e+02	-1.0156e+00	-2.2420e+01	-8.4000e+01	-4.7234e+03
589	2027	-9.2448e+02	-3.2912e+02	9.9959e-01	2.2470e+01	-2.4140e+01	3.8311e+04
	1941	9.2448e+02	3.2912e+02	-9.9959e-01	-2.2470e+01	1.2863e+01	-5.1003e+04
590	2026	-8.6665e+02	-2.7599e+02	-2.1052e+00	2.5441e+01	1.8084e+02	1.0372e+04
	2027	8.6665e+02	2.7599e+02	2.1052e+00	-2.5441e+01	2.0986e+01	-3.8309e+04

591	2024	-8.1204e+02	-1.7220e+02	4.0509e+00	2.6792e+01	-4.1085e+02	-7.0960e+03
	2026	8.1204e+02	1.7220e+02	-4.0509e+00	-2.6792e+01	-1.8457e+02	-1.0370e+04
592	2023	-6.8541e+02	-7.2410e+01	-2.7133e+00	-1.5379e+01	-2.8521e+02	-1.4321e+04
	2024	6.8541e+02	7.2410e+01	2.7133e+00	1.5379e+01	4.1202e+02	7.0962e+03
593	2021	-6.0481e+02	-1.1554e+01	-5.2886e+00	-2.8136e+01	5.5378e+02	-1.4907e+04
	2023	6.0481e+02	1.1554e+01	5.2886e+00	2.8136e+01	2.8700e+02	1.4320e+04
594	2020	-5.7156e+02	5.9137e+01	8.3918e+00	3.1166e+01	-2.5673e+02	-9.4482e+03
	2021	5.7156e+02	-5.9137e+01	-8.3918e+00	-3.1166e+01	-5.5361e+02	1.4906e+04
595	2018	-4.7822e+02	1.0074e+02	-3.4688e+00	1.5916e+01	9.1257e+01	-3.7984e+03
	2020	4.7822e+02	-1.0074e+02	3.4688e+00	-1.5916e+01	2.5910e+02	9.4475e+03
596	2017	-3.7012e+02	-6.8496e+01	-1.3267e+00	-7.5499e+00	2.5168e+01	8.7812e+03
	1951	3.7012e+02	6.8496e+01	1.3267e+00	7.5499e+00	6.7514e+01	-1.4663e+04
597	2016	-2.9087e+02	-9.0573e+01	3.8003e+00	1.4220e+01	-3.2058e+02	-8.7067e+02
	2017	2.9087e+02	9.0573e+01	-3.8003e+00	-1.4220e+01	-2.7904e+01	-8.7814e+03
598	1968	-2.2161e+02	-1.1942e+02	-1.4046e+00	-9.2454e+00	-2.7842e+02	-3.7578e+03
	2016	2.2161e+02	1.1942e+02	1.4046e+00	9.2454e+00	3.2076e+02	8.7115e+02
599	2015	-1.4168e+03	-3.1146e+02	1.8309e+00	6.7105e+01	-2.7279e+02	-4.6405e+04
	1972	1.4168e+03	3.1146e+02	-1.8309e+00	-6.7105e+01	0.0000e+00	0.0000e+00
600	2013	-1.3802e+03	9.5367e+00	-3.8671e+00	-2.7398e+01	3.8840e+02	-4.5334e+04
	2015	1.3802e+03	-9.5367e+00	3.8671e+00	2.7398e+01	2.8225e+02	4.6407e+04
601	2012	-1.2888e+03	2.0797e+02	5.2952e+00	-3.7663e+01	-1.3523e+02	-2.4382e+04
	2013	1.2888e+03	-2.0797e+02	-5.2952e+00	3.7663e+01	-3.8560e+02	4.5338e+04
602	2011	-1.2301e+03	2.9826e+02	-2.0652e+00	-3.0899e+01	1.1493e+02	4.3662e+03
	2012	1.2301e+03	-2.9826e+02	2.0652e+00	3.0899e+01	1.3692e+02	2.4384e+04
603	1940	-1.0468e+03	6.1461e+02	1.1874e+00	1.8950e+01	-4.1675e+01	4.4786e+04
	2011	1.0468e+03	-6.1461e+02	-1.1874e+00	-1.8950e+01	-1.1231e+02	-4.3585e+03
604	2010	-7.2022e+02	-3.0195e+02	1.2028e+00	1.9250e+01	-7.4278e+01	3.3116e+04
	1940	7.2022e+02	3.0195e+02	-1.2028e+00	-1.9250e+01	4.1604e+01	-4.4786e+04
605	2009	-7.3014e+02	-2.4476e+02	-3.6592e+00	2.5335e+01	2.8605e+02	8.0983e+03
	2010	7.3014e+02	2.4476e+02	3.6592e+00	-2.5335e+01	7.2434e+01	-3.3118e+04
606	2007	-6.7449e+02	-1.5497e+02	3.9686e+00	2.2984e+01	-2.1671e+02	-6.7298e+03
	2009	6.7449e+02	1.5497e+02	-3.9686e+00	-2.2984e+01	-2.8808e+02	-8.1052e+03
607	2006	-6.2466e+02	-5.6543e+01	-5.6725e+00	-2.7249e+01	4.1508e+02	-1.2597e+04
	2007	6.2466e+02	5.6543e+01	5.6725e+00	2.7249e+01	2.1962e+02	6.7341e+03
608	2004	-5.4304e+02	-1.0352e+01	-4.6859e+00	-7.2374e+00	2.4652e+02	-1.2218e+04
	2006	5.4304e+02	1.0352e+01	4.6859e+00	7.2374e+00	-4.1604e+02	1.2599e+04
609	2003	-4.5407e+02	5.3039e+01	2.4666e+00	1.7185e+01	-1.5512e+02	-7.3575e+03
	2004	4.5407e+02	-5.3039e+01	-2.4666e+00	-1.7185e+01	-2.4602e+02	1.2219e+04
610	2001	-3.6047e+02	8.1527e+01	-1.4517e+00	1.8708e+01	1.4173e+02	-3.4569e+03
	2003	3.6047e+02	-8.1527e+01	1.4517e+00	-1.8708e+01	1.5302e+02	7.3557e+03
611	2000	-2.9722e+02	-5.6887e+01	-2.1918e+00	-4.8908e+00	5.0155e+01	7.3424e+03
	1950	2.9722e+02	5.6887e+01	2.1918e+00	4.8908e+00	1.1325e+02	-1.2227e+04
612	1999	-2.6055e+02	-7.9718e+01	4.7980e+00	1.7473e+01	-3.7697e+02	-9.8688e+02
	2000	2.6055e+02	7.9718e+01	-4.7980e+00	-1.7473e+01	-4.7263e+01	-7.3435e+03
613	1969	-1.8972e+02	-1.1148e+02	-1.7838e+00	-1.0128e+01	-3.2300e+02	-3.8152e+03
	1999	1.8972e+02	1.1148e+02	1.7838e+00	1.0128e+01	3.7724e+02	9.8744e+02
614	1982	-1.2595e+03	-2.5662e+02	1.4331e+00	-5.2624e+01	-2.1352e+02	-3.8234e+04
	1971	1.2595e+03	2.5662e+02	-1.4331e+00	5.2624e+01	0.0000e+00	0.0000e+00
615	1984	-1.2186e+03	1.1137e+01	-3.0509e-01	-3.3828e+01	4.6475e+02	-3.7208e+04
	1982	1.2186e+03	-1.1137e+01	3.0509e-01	3.3828e+01	-2.2247e+02	3.8240e+04
616	1985	-1.1695e+03	1.6258e+02	6.1520e+00	-2.9934e+01	-1.1563e+02	-2.0855e+04
	1984	1.1695e+03	-1.6258e+02	-6.1520e+00	2.9934e+01	-4.6255e+02	3.7207e+04
617	1986	-1.0496e+03	2.3082e+02	-4.4552e+00	-3.3204e+00	2.1408e+02	2.5537e+03
	1985	1.0496e+03	-2.3082e+02	4.4552e+00	3.3204e+00	1.1173e+02	2.0848e+04
618	1938	-9.2337e+02	4.9316e+02	5.4203e+00	1.1779e+01	-1.3882e+02	3.3950e+04

	1986	9.2337e+02	-4.9316e+02	-5.4203e+00	-1.1779e+01	-2.1438e+02	-2.5491e+03
619	1998	-6.6899e+02	-2.1731e+02	6.0914e+00	1.3631e+01	-3.7411e+02	2.5569e+04
	1938	6.6899e+02	2.1731e+02	-6.0914e+00	-1.3631e+01	1.3891e+02	-3.3950e+04
620	1997	-5.4327e+02	-1.7769e+02	-5.4380e+00	2.6644e+01	5.2024e+01	7.3773e+03
	1998	5.4327e+02	1.7769e+02	5.4380e+00	-2.6644e+01	3.7481e+02	-2.5568e+04
621	1995	-5.1779e+02	-1.1439e+02	4.8381e+00	3.4067e+01	-3.8634e+02	-3.2318e+03
	1997	5.1779e+02	1.1439e+02	-4.8381e+00	-3.4067e+01	-2.8913e+01	-7.3756e+03
622	1994	-4.7468e+02	-5.3150e+01	-1.6887e+00	-3.3045e+01	4.1280e+02	-8.9075e+03
	1995	4.7468e+02	5.3150e+01	1.6887e+00	3.3045e+01	3.8925e+02	3.2442e+03
623	1992	-4.3368e+02	-1.1596e+01	6.5253e+00	6.5986e+00	-2.5709e+02	-9.6733e+03
	1994	4.3368e+02	1.1596e+01	-6.5253e+00	-6.5986e+00	-4.1407e+02	8.9087e+03
624	1991	-3.3409e+02	3.8718e+01	-6.5340e+00	1.8004e+01	3.8527e+02	-6.3490e+03
	1992	3.3409e+02	-3.8718e+01	6.5340e+00	-1.8004e+01	2.5654e+02	9.6689e+03
625	1989	-2.8477e+02	6.4055e+01	6.4130e+00	1.9710e+01	-2.5871e+02	-3.4701e+03
	1991	2.8477e+02	-6.4055e+01	-6.4130e+00	-1.9710e+01	-3.8519e+02	6.3416e+03
626	1988	-2.1298e+02	-4.6460e+01	-9.4758e-01	1.3818e+01	4.0500e+01	5.9457e+03
	1939	2.1298e+02	4.6460e+01	9.4758e-01	-1.3818e+01	9.7047e+01	-9.9416e+03
627	1987	-1.5456e+02	-5.6613e+01	2.8465e+00	1.3383e+01	-2.9931e+02	-3.9857e+02
	1988	1.5456e+02	5.6613e+01	-2.8465e+00	-1.3383e+01	-4.0353e+01	-5.9468e+03
628	1970	-1.2258e+02	-6.9049e+01	-1.1458e+00	6.7978e+00	-2.6162e+02	-1.7197e+03
	1987	1.2258e+02	6.9049e+01	1.1458e+00	-6.7978e+00	2.9954e+02	3.9718e+02
629	1910	0.0000e+00	8.0288e+02	0.0000e+00	6.2388e+00	0.0000e+00	4.8152e+04
	28	0.0000e+00	-8.0288e+02	0.0000e+00	-6.2388e+00	0.0000e+00	1.0200e+05
630	1905	0.0000e+00	5.9628e+02	0.0000e+00	1.1448e+03	0.0000e+00	3.2570e+04
	33	0.0000e+00	-5.9628e+02	0.0000e+00	-1.1448e+03	0.0000e+00	7.8943e+04
631	1915	0.0000e+00	5.9554e+02	0.0000e+00	-1.0282e+03	0.0000e+00	3.2510e+04
	23	0.0000e+00	-5.9554e+02	0.0000e+00	1.0282e+03	0.0000e+00	7.8862e+04
632	1894	-7.4047e+02	-9.1064e+02	3.6924e+00	5.3899e+01	-4.2835e+02	-1.1201e+05
	1981	7.4047e+02	9.1064e+02	-3.6924e+00	-5.3899e+01	-4.3445e+01	1.5823e-10
633	1895	-8.9854e+02	-1.1653e+03	1.4449e+00	5.5343e+01	-2.2469e+02	-1.4333e+05
	1980	8.9854e+02	1.1653e+03	-1.4449e+00	-5.5343e+01	-4.4608e+01	2.2062e-10
634	1896	-1.0784e+03	-1.3605e+03	-2.1187e+00	5.2947e+01	3.0414e+02	-1.6734e+05
	1979	1.0784e+03	1.3605e+03	2.1187e+00	-5.2947e+01	-4.2677e+01	-9.7244e-10
635	1897	-1.1834e+03	-1.4906e+03	1.9089e+00	5.5161e+01	-2.8108e+02	-1.8334e+05
	1978	1.1834e+03	1.4906e+03	-1.9089e+00	-5.5161e+01	-4.4461e+01	-1.8439e-09
636	1898	-1.3575e+03	-1.7179e+03	-2.3617e+00	5.2988e+01	3.3403e+02	-2.1130e+05
	1977	1.3575e+03	1.7179e+03	2.3617e+00	-5.2988e+01	-4.2711e+01	9.4685e-10
637	1899	-1.3518e+03	-1.6967e+03	-2.3596e+00	5.3522e+01	3.3358e+02	-2.0869e+05
	1976	1.3518e+03	1.6967e+03	2.3596e+00	-5.3522e+01	-4.3141e+01	9.3900e-10
638	1900	-1.3709e+03	-1.7349e+03	-2.3137e+00	5.3911e+01	3.2804e+02	-2.1339e+05
	1975	1.3709e+03	1.7349e+03	2.3137e+00	-5.3911e+01	-4.3454e+01	9.6014e-10
639	1901	-1.1935e+03	-1.5043e+03	-2.2707e+00	5.2133e+01	3.2558e+02	-1.8503e+05
	1974	1.1935e+03	1.5043e+03	2.2707e+00	-5.2133e+01	-4.2021e+01	5.0375e-10
640	1902	-1.1084e+03	-1.3988e+03	-2.1759e+00	5.3554e+01	3.1081e+02	-1.7205e+05
	1973	1.1084e+03	1.3988e+03	2.1759e+00	-5.3554e+01	-4.3166e+01	-2.1354e-10
641	1903	-9.0752e+02	-1.1617e+03	-1.8339e+00	5.2246e+01	2.7342e+02	-1.4289e+05
	1972	9.0752e+02	1.1617e+03	1.8339e+00	-5.2246e+01	-4.2112e+01	2.6998e-10
642	1904	-8.1954e+02	-1.0215e+03	-4.7063e+00	-4.0972e+01	5.2664e+02	-1.2565e+05
	1971	8.1954e+02	1.0215e+03	4.7063e+00	4.0972e+01	3.3024e+01	-3.6014e-10
2422	55	1.3827e-14	1.7836e+00	-1.7877e-13	-7.2831e+02	4.0882e-11	3.4551e+02
	56	-1.3827e-14	-1.7836e+00	1.7877e-13	7.2831e+02	5.2495e-11	3.6871e+02
2423	54	7.2671e-15	7.5770e-01	4.4252e-14	1.7258e+02	-2.3612e-11	1.8830e+02
	55	-7.2671e-15	-7.5770e-01	-4.4252e-14	-1.7258e+02	1.8694e-11	1.4459e+02
2424	53	9.2043e-15	5.0909e-01	2.7908e-13	2.1898e+01	9.3959e-11	3.3276e+01
	54	-9.2043e-15	-5.0909e-01	-2.7908e-13	-2.1898e+01	-5.5759e-11	1.1363e+02

2425	52	-1.2036e-14	-3.5833e-01	-3.3468e-14	-1.1095e+02	6.2111e-12	-7.8917e+01
	53	1.2036e-14	3.5833e-01	3.3468e-14	1.1095e+02	-9.6893e-12	-7.6361e+01
2426	51	4.7312e-15	5.4983e-01	4.1852e-13	-4.1186e+01	-6.0798e-12	9.0668e+01
	52	-4.7312e-15	-5.4983e-01	-4.1852e-13	4.1186e+01	-9.4392e-12	1.0171e+02
2427	50	7.1628e-15	2.4617e-01	-4.1867e-13	3.9774e+01	9.4654e-12	4.8868e+01
	51	-7.1628e-15	-2.4617e-01	4.1867e-13	-3.9774e+01	6.1086e-12	3.6241e+01
2428	49	-1.1705e-14	7.2692e-01	3.3536e-14	1.0977e+02	9.6734e-12	1.7212e+02
	50	1.1705e-14	-7.2692e-01	-3.3536e-14	-1.0977e+02	-6.2325e-12	1.4761e+02
2429	48	1.6125e-14	4.8882e-01	-2.8028e-13	-2.2594e+01	5.5883e-11	-4.8141e+01
	49	-1.6125e-14	-4.8882e-01	2.8028e-13	2.2594e+01	-9.3835e-11	1.1556e+02
2430	47	-6.5938e-15	-3.5240e-01	-4.4053e-14	-1.7386e+02	-1.8731e-11	-7.4958e+01
	48	6.5938e-15	3.5240e-01	4.4053e-14	1.7386e+02	2.3575e-11	-7.3672e+01
2431	35	-1.0359e-14	-4.5882e-01	1.7875e-13	7.2746e+02	-5.2457e-11	-9.6016e+01
	47	1.0359e-14	4.5882e-01	-1.7875e-13	-7.2746e+02	-4.0844e-11	-9.0675e+01
2432	45	5.8739e-15	-1.4281e+01	-1.7850e-13	-6.2936e+02	4.0822e-11	-2.5997e+03
	46	-5.8739e-15	1.4281e+01	1.7850e-13	6.2936e+02	5.2434e-11	-3.1129e+03
2433	44	-1.7032e-14	4.3422e+00	4.4148e-14	-1.0826e+02	-2.3591e-11	9.0098e+02
	45	1.7032e-14	-4.3422e+00	-4.4148e-14	1.0826e+02	1.8711e-11	1.0101e+03
2434	43	2.5225e-14	-1.1723e+00	2.7944e-13	-1.3360e+01	9.3920e-11	-3.6485e+01
	44	-2.5225e-14	1.1723e+00	-2.7944e-13	1.3360e+01	-5.5774e-11	-2.7583e+02
2435	42	1.1066e-14	-7.7705e-01	-3.3535e-14	4.4029e+01	6.2112e-12	-1.1713e+02
	43	-1.1066e-14	7.7705e-01	3.3535e-14	-4.4029e+01	-9.6885e-12	-2.3260e+02
2436	65	1.1935e-14	1.4655e+01	-1.7850e-13	-6.6795e+02	4.0822e-11	2.6746e+03
	66	-1.1935e-14	-1.4655e+01	1.7850e-13	6.6795e+02	5.2434e-11	3.1875e+03
2437	64	-1.8839e-14	-4.5471e+00	4.4043e-14	4.4617e+01	-2.3566e-11	-9.6819e+02
	65	1.8839e-14	4.5471e+00	-4.4043e-14	-4.4617e+01	1.8740e-11	-1.0325e+03
2438	63	-6.7417e-15	-1.0445e-01	2.7897e-13	1.1768e+01	9.3984e-11	2.0467e+02
	64	6.7417e-15	1.0445e-01	-2.7897e-13	-1.1768e+01	-5.5773e-11	-1.1236e+02
2439	62	9.8338e-15	2.9840e+00	-3.3312e-14	-4.4792e+01	6.1812e-12	5.6610e+02
	63	-9.8338e-15	-2.9840e+00	3.3312e-14	4.4792e+01	-9.7201e-12	7.4673e+02
2440	61	1.1065e-14	9.4311e-01	4.1852e-13	8.8922e+01	-6.0807e-12	2.2634e+02
	62	-1.1065e-14	-9.4311e-01	-4.1852e-13	-8.8922e+01	-9.4437e-12	9.5512e+01
2441	41	-9.6149e-15	3.0195e+00	4.1892e-13	4.6898e+00	-6.1462e-12	4.9826e+02
	42	9.6149e-15	-3.0195e+00	-4.1892e-13	-4.6898e+00	-9.5079e-12	5.5854e+02
2442	40	-8.6969e-15	-1.8730e+00	-4.1879e-13	-5.6771e+00	9.4862e-12	-3.5479e+02
	41	8.6969e-15	1.8730e+00	4.1879e-13	5.6771e+00	6.1258e-12	-3.0079e+02
2443	39	7.1622e-15	1.5897e+00	3.3488e-14	-4.6902e+01	9.6812e-12	4.0694e+02
	40	-7.1622e-15	-1.5897e+00	-3.3488e-14	4.6902e+01	-6.2200e-12	2.9645e+02
2444	38	2.3180e-14	8.3173e-01	-2.7985e-13	1.0329e+01	5.5805e-11	1.2604e+02
	39	-2.3180e-14	-8.3173e-01	2.7985e-13	-1.0329e+01	-9.3887e-11	1.8019e+02
2445	37	-1.7889e-14	-3.6035e+00	-4.4059e-14	1.0496e+02	-1.8729e-11	-8.4339e+02
	38	1.7889e-14	3.6035e+00	4.4059e-14	-1.0496e+02	2.3587e-11	-7.4294e+02
2446	34	-1.2868e-14	1.5404e+01	1.7857e-13	6.2700e+02	-5.2435e-11	3.3487e+03
	37	1.2868e-14	-1.5404e+01	-1.7857e-13	-6.2700e+02	-4.0822e-11	2.8128e+03
2447	60	-2.0572e-14	-4.6889e-01	-4.1906e-13	-9.1148e+01	9.5339e-12	4.4660e+01
	61	2.0572e-14	4.6889e-01	4.1906e-13	9.1148e+01	6.1777e-12	-9.4272e+01
2448	59	-2.0339e-14	-2.0865e+00	3.3546e-14	4.2444e+01	9.6698e-12	-5.5230e+02
	60	2.0339e-14	2.0865e+00	-3.3546e-14	-4.2444e+01	-6.2314e-12	-3.6523e+02
2449	58	1.6585e-14	9.0463e-01	-2.8089e-13	-9.6226e+00	5.5932e-11	2.6991e+02
	59	-1.6585e-14	-9.0463e-01	2.8089e-13	9.6226e+00	-9.3786e-11	-1.0491e+02
2450	57	-5.0297e-15	5.4122e+00	-4.3845e-14	-4.2831e+01	-1.8786e-11	1.2251e+03
	58	5.0297e-15	-5.4122e+00	4.3845e-14	4.2831e+01	2.3542e-11	1.1562e+03
2451	36	-5.5883e-15	-1.3354e+01	1.7857e-13	6.6509e+02	-5.2417e-11	-2.9144e+03
	57	5.5883e-15	1.3354e+01	-1.7857e-13	-6.6509e+02	-4.0822e-11	-2.4272e+03
2452	56	1.5763e-12	1.5646e+03	1.3242e-16	-4.5637e+02	2.0926e-15	2.8755e+05

	46	-1.5763e-12	-1.5646e+03	-1.3242e-16	4.5637e+02	-5.1795e-15	3.9461e+05
2453	66	-3.7567e-11	2.5747e+03	-2.1628e-16	-7.6727e+02	4.8838e-14	4.4799e+05
	56	3.7567e-11	-2.5747e+03	2.1628e-16	7.6727e+02	-4.6223e-14	3.3471e+05
2454	55	-5.3001e-11	1.5575e+03	8.2418e-17	2.7508e+02	1.7561e-14	2.8575e+05
	45	5.3001e-11	-1.5575e+03	-8.2418e-17	-2.7508e+02	3.6403e-15	3.9332e+05
2455	65	-1.9336e-11	2.5608e+03	1.7222e-16	2.2736e+02	-6.2716e-14	4.4610e+05
	55	1.9336e-11	-2.5608e+03	-1.7222e-16	-2.2736e+02	-1.5342e-14	3.3239e+05
2456	54	-8.2604e-12	1.5538e+03	1.0581e-16	3.6282e+01	6.0015e-15	2.8571e+05
	44	8.2604e-12	-1.5538e+03	-1.0581e-16	-3.6282e+01	-8.4978e-15	3.9175e+05
2457	64	3.5638e-11	2.5351e+03	-2.1628e-16	1.7217e+02	4.8838e-14	4.4167e+05
	54	-3.5638e-11	-2.5351e+03	2.1628e-16	-1.7217e+02	-4.6223e-14	3.2901e+05
2458	53	-1.1592e-11	1.5534e+03	-9.7993e-17	-1.1518e+02	-1.4384e-14	2.8568e+05
	43	1.1592e-11	-1.5534e+03	9.7993e-17	1.1518e+02	-3.8237e-14	3.9162e+05
2459	63	-5.6376e-11	2.5342e+03	-2.6606e-16	-2.4727e+02	4.1731e-14	4.4148e+05
	53	5.6376e-11	-2.5342e+03	2.6606e-16	2.4727e+02	-3.0192e-14	3.2892e+05
2460	52	3.3133e-11	1.5534e+03	1.1411e-16	5.8056e+01	-1.2680e-14	2.8526e+05
	42	-3.3133e-11	-1.5534e+03	-1.1411e-16	-5.8056e+01	-1.5583e-15	3.9204e+05
2461	62	-1.3984e-12	2.5511e+03	3.4752e-16	2.0243e+02	-7.1937e-14	4.4431e+05
	52	1.3984e-12	-2.5511e+03	-3.4752e-16	-2.0243e+02	-2.5041e-14	3.3122e+05
2462	51	2.9678e-15	1.5493e+03	5.6464e-17	-8.4509e+00	3.7264e-15	2.8428e+05
	41	-2.9678e-15	-1.5493e+03	-5.6464e-17	8.4509e+00	-8.3557e-15	3.9123e+05
2463	61	-7.0964e-14	2.5606e+03	2.9303e-16	-9.6982e+00	-5.7161e-14	4.4615e+05
	51	7.0964e-14	-2.5606e+03	-2.9303e-16	9.6982e+00	-2.3376e-14	3.3227e+05
2464	50	-3.3202e-11	1.5533e+03	-1.0153e-16	-6.4706e+01	6.0346e-15	2.8524e+05
	40	3.3202e-11	-1.5533e+03	1.0153e-16	6.4706e+01	3.6928e-15	3.9201e+05
2465	60	1.3983e-12	2.5509e+03	-3.1403e-16	-2.1057e+02	-6.5973e-14	4.4428e+05
	50	-1.3983e-12	-2.5509e+03	3.1403e-16	2.1057e+02	-3.6571e-14	3.3120e+05
2466	49	1.1538e-11	1.5532e+03	9.3809e-17	1.0857e+02	7.2758e-15	2.8564e+05
	39	-1.1538e-11	-1.5532e+03	-9.3809e-17	-1.0857e+02	9.8055e-15	3.9156e+05
2467	59	5.6375e-11	2.5338e+03	-2.6606e-16	2.3962e+02	4.1731e-14	4.4141e+05
	49	-5.6375e-11	-2.5338e+03	2.6606e-16	-2.3962e+02	-3.0192e-14	3.2886e+05
2468	48	8.2212e-12	1.5535e+03	6.6452e-17	-4.2324e+01	3.0622e-15	2.8565e+05
	38	-8.2212e-12	-1.5535e+03	-6.6452e-17	4.2324e+01	7.3972e-15	3.9167e+05
2469	58	-3.5523e-11	2.5345e+03	6.8152e-17	-1.7974e+02	1.8447e-14	4.4157e+05
	48	3.5523e-11	-2.5345e+03	-6.8152e-17	1.7974e+02	5.1121e-14	3.2893e+05
2470	47	5.3025e-11	1.5571e+03	9.5415e-17	-2.8179e+02	6.8079e-15	2.8567e+05
	37	-5.3025e-11	-1.5571e+03	-9.5415e-17	2.8179e+02	1.0183e-14	3.9321e+05
2471	57	1.9312e-11	2.5600e+03	2.8682e-16	-2.3619e+02	-6.0156e-14	4.4596e+05
	47	-1.9312e-11	-2.5600e+03	-2.8682e-16	2.3619e+02	-1.5689e-14	3.3229e+05
2472	35	-1.5795e-12	1.5639e+03	-1.0116e-16	4.4863e+02	5.6731e-15	2.8743e+05
	34	1.5795e-12	-1.5639e+03	1.0116e-16	-4.4863e+02	3.8782e-15	3.9445e+05
2473	36	3.7580e-11	2.5737e+03	-7.2405e-17	7.5747e+02	4.9950e-14	4.4782e+05
	35	-3.7580e-11	-2.5737e+03	7.2405e-17	-7.5747e+02	-4.3631e-14	3.3458e+05
2474	33	2.5301e+03	-2.4224e+03	3.6409e+01	1.6282e+01	-1.1444e+04	-5.7604e+05
	66	-2.5301e+03	2.4224e+03	-3.6409e+01	-1.6282e+01	-3.9570e+03	-4.4865e+05
2475	22	-1.0122e+03	-3.0853e+03	8.6172e-01	1.6282e+01	-3.8166e+02	-6.8210e+05
	56	1.0122e+03	3.0853e+03	-8.6172e-01	-1.6282e+01	-7.9667e+01	-6.2296e+05
2476	21	-1.0027e+03	-3.0178e+03	2.2361e+00	1.6282e+01	-5.1309e+02	-6.5931e+05
	55	1.0027e+03	3.0178e+03	-2.2361e+00	-1.6282e+01	-4.3257e+02	-6.1723e+05
2477	32	2.5445e+03	-2.3748e+03	6.5453e+00	1.6282e+01	-1.3582e+03	-5.5916e+05
	65	-2.5445e+03	2.3748e+03	-6.5453e+00	-1.6282e+01	-1.4087e+03	-4.4539e+05
2478	20	-9.8201e+02	-3.0077e+03	3.5325e+00	1.6282e+01	-1.0291e+03	-6.5742e+05
	54	9.8201e+02	3.0077e+03	-3.5325e+00	-1.6282e+01	-4.6175e+02	-6.1483e+05
2479	19	-9.8054e+02	-3.0072e+03	-4.1829e-01	1.6282e+01	3.4969e+02	-6.5735e+05
	53	9.8054e+02	3.0072e+03	4.1829e-01	-1.6282e+01	1.8560e+02	-6.1468e+05

2480	8	-1.9508e+03	-2.1943e+03	-4.1477e+00	1.6282e+01	1.5341e+03	-5.3665e+05
	43	1.9508e+03	2.1943e+03	4.1477e+00	-1.6282e+01	2.0171e+02	-3.9156e+05
2481	9	-1.8917e+03	-2.1952e+03	9.4812e+00	1.6282e+01	-2.7901e+03	-5.3692e+05
	44	1.8917e+03	2.1952e+03	-9.4812e+00	-1.6282e+01	-1.2198e+03	-3.9165e+05
2482	10	-1.8416e+03	-2.2076e+03	-5.8184e+00	1.6282e+01	1.1196e+03	-5.4102e+05
	45	1.8416e+03	2.2076e+03	5.8184e+00	-1.6282e+01	1.3382e+03	-3.9280e+05
2483	11	-1.6972e+03	-2.2478e+03	-3.3442e+01	1.6282e+01	1.0583e+04	-5.5560e+05
	46	1.6972e+03	2.2478e+03	3.3442e+01	-1.6282e+01	3.5647e+03	-3.9524e+05
2484	31	2.4993e+03	-2.3502e+03	-1.0031e+01	1.6282e+01	3.1057e+03	-5.5241e+05
	64	-2.4993e+03	2.3502e+03	1.0031e+01	-1.6282e+01	1.1352e+03	-4.4170e+05
2485	30	2.5029e+03	-2.3490e+03	1.0748e+01	1.6282e+01	-3.3247e+03	-5.5209e+05
	63	-2.5029e+03	2.3490e+03	-1.0748e+01	-1.6282e+01	-1.2200e+03	-4.4153e+05
2486	18	-9.9922e+02	-3.0147e+03	1.7623e+00	1.6282e+01	-4.9516e+02	-6.5888e+05
	52	9.9922e+02	3.0147e+03	-1.7623e+00	-1.6282e+01	-2.4864e+02	-6.1636e+05
2487	6	-2.0475e+03	-2.1939e+03	4.0869e-01	1.6282e+01	-1.0482e+02	-5.3680e+05
	41	2.0475e+03	2.1939e+03	-4.0869e-01	-1.6282e+01	-6.7918e+01	-3.9124e+05
2488	29	2.5306e+03	-2.3662e+03	3.9809e-01	1.6282e+01	2.6850e+02	-5.5672e+05
	62	-2.5306e+03	2.3662e+03	-3.9809e-01	-1.6282e+01	-4.7636e+02	-4.4418e+05
2489	17	-1.0118e+03	-3.0141e+03	6.2366e-01	1.6282e+01	-1.5427e+02	-6.5853e+05
	51	1.0118e+03	3.0141e+03	-6.2366e-01	-1.6282e+01	-1.0953e+02	-6.1642e+05
2490	7	-2.0749e+03	-2.1999e+03	4.6563e+00	1.6282e+01	-1.4529e+03	-5.3846e+05
	42	2.0749e+03	2.1999e+03	-4.6563e+00	-1.6282e+01	-5.1217e+02	-3.9208e+05
2491	5	-2.0832e+03	-2.1997e+03	-2.7208e+00	1.6282e+01	9.4994e+02	-5.3843e+05
	40	2.0832e+03	2.1997e+03	2.7208e+00	-1.6282e+01	-2.1208e+02	-3.9205e+05
2492	28	2.5405e+03	-2.3844e+03	8.6432e-01	1.6282e+01	-2.1330e+02	-5.6228e+05
	61	-2.5405e+03	2.3844e+03	-8.6432e-01	-1.6282e+01	-1.5232e+02	-4.4633e+05
2493	16	-9.9868e+02	-3.0145e+03	-9.9319e-01	1.6282e+01	2.6328e+02	-6.5884e+05
	50	9.9868e+02	3.0145e+03	9.9319e-01	-1.6282e+01	1.4497e+02	-6.1631e+05
2494	27	2.5312e+03	-2.3660e+03	1.1530e+00	1.6282e+01	-6.6230e+02	-5.5668e+05
	60	-2.5312e+03	2.3660e+03	-1.1530e+00	-1.6282e+01	1.6718e+02	-4.4415e+05
2495	4	-1.9570e+03	-2.1940e+03	6.6044e+00	1.6282e+01	-2.1319e+03	-5.3656e+05
	39	1.9570e+03	2.1940e+03	-6.6044e+00	-1.6282e+01	-6.7480e+02	-3.9150e+05
2496	15	-9.8146e+02	-3.0067e+03	3.5662e+00	1.6282e+01	-1.0380e+03	-6.5724e+05
	49	9.8146e+02	3.0067e+03	-3.5662e+00	-1.6282e+01	-4.6838e+02	-6.1458e+05
2497	26	2.5015e+03	-2.3486e+03	-7.9251e+00	1.6282e+01	2.6226e+03	-5.5200e+05
	59	-2.5015e+03	2.3486e+03	7.9251e+00	-1.6282e+01	7.2361e+02	-4.4146e+05
2498	3	-1.9069e+03	-2.1948e+03	-7.2716e+00	1.6282e+01	2.2377e+03	-5.3681e+05
	38	1.9069e+03	2.1948e+03	7.2716e+00	-1.6282e+01	8.4049e+02	-3.9157e+05
2499	14	-9.8072e+02	-3.0070e+03	-3.1460e-01	1.6282e+01	3.3648e+02	-6.5728e+05
	48	9.8072e+02	3.0070e+03	3.1460e-01	-1.6282e+01	1.8735e+02	-6.1470e+05
2500	25	2.5003e+03	-2.3496e+03	1.2824e+01	1.6282e+01	-3.8015e+03	-5.5229e+05
	58	-2.5003e+03	2.3496e+03	-1.2824e+01	-1.6282e+01	-1.6218e+03	-4.4161e+05
2501	2	-1.8715e+03	-2.2070e+03	8.2003e+00	1.6282e+01	-1.7315e+03	-5.4086e+05
	37	1.8715e+03	2.2070e+03	-8.2003e+00	-1.6282e+01	-1.7363e+03	-3.9269e+05
2502	13	-1.0028e+03	-3.0169e+03	-1.0636e+00	1.6282e+01	2.6593e+02	-6.5910e+05
	47	1.0028e+03	3.0169e+03	1.0636e+00	-1.6282e+01	1.7275e+02	-6.1704e+05
2503	24	2.5491e+03	-2.3741e+03	-3.8170e+00	1.6282e+01	6.5307e+02	-5.5899e+05
	57	-2.5491e+03	2.3741e+03	3.8170e+00	-1.6282e+01	9.5316e+02	-4.4525e+05
2504	1	-1.7090e+03	-2.2469e+03	3.5194e+01	1.6282e+01	-1.1087e+04	-5.5538e+05
	34	1.7090e+03	2.2469e+03	-3.5194e+01	-1.6282e+01	-3.8021e+03	-3.9508e+05
2505	12	-1.0107e+03	-3.0840e+03	2.0492e+00	1.6282e+01	-6.9747e+02	-6.8183e+05
	35	1.0107e+03	3.0840e+03	-2.0492e+00	-1.6282e+01	-1.7360e+02	-6.2271e+05
2506	23	2.5250e+03	-2.4215e+03	-3.4344e+01	1.6282e+01	1.0854e+04	-5.7582e+05
	36	-2.5250e+03	2.4215e+03	3.4344e+01	-1.6282e+01	3.6735e+03	-4.4848e+05
654	1906	0.0000e+00	-1.4100e+02	0.0000e+00	1.6201e+04	0.0000e+00	1.0315e+04

	1905	0.0000e+00	-6.2944e+02	0.0000e+00	-3.2570e+04	0.0000e+00	1.1448e+03
655	1907	0.0000e+00	1.1282e+02	0.0000e+00	4.5539e+03	0.0000e+00	7.0905e+03
	1906	0.0000e+00	1.1433e+02	0.0000e+00	-1.6201e+04	0.0000e+00	-1.0315e+04
656	1908	0.0000e+00	1.0842e+02	0.0000e+00	-1.5968e+03	0.0000e+00	7.2301e+03
	1907	0.0000e+00	1.0491e+02	0.0000e+00	-4.5539e+03	0.0000e+00	-7.0905e+03
657	1909	0.0000e+00	1.4394e+02	0.0000e+00	-1.2210e+04	0.0000e+00	1.1467e+04
	1908	0.0000e+00	1.2834e+02	0.0000e+00	1.5968e+03	0.0000e+00	-7.2301e+03
658	1910	0.0000e+00	-4.2655e+02	0.0000e+00	-2.4072e+04	0.0000e+00	-3.7480e+04
	1909	0.0000e+00	1.4440e+02	0.0000e+00	1.2210e+04	0.0000e+00	-1.1467e+04
659	1911	0.0000e+00	1.4560e+02	0.0000e+00	1.2218e+04	0.0000e+00	1.1563e+04
	1910	0.0000e+00	-4.2659e+02	0.0000e+00	-2.4079e+04	0.0000e+00	3.7481e+04
660	1912	0.0000e+00	1.2902e+02	0.0000e+00	1.6056e+03	0.0000e+00	7.2420e+03
	1911	0.0000e+00	1.4533e+02	0.0000e+00	-1.2218e+04	0.0000e+00	-1.1563e+04
661	1913	0.0000e+00	1.0628e+02	0.0000e+00	-4.5340e+03	0.0000e+00	7.0843e+03
	1912	0.0000e+00	1.0945e+02	0.0000e+00	-1.6056e+03	0.0000e+00	-7.2420e+03
662	1914	0.0000e+00	1.3099e+02	0.0000e+00	-1.6167e+04	0.0000e+00	1.1442e+04
	1913	0.0000e+00	1.1698e+02	0.0000e+00	4.5340e+03	0.0000e+00	-7.0843e+03
663	1915	0.0000e+00	-6.2844e+02	0.0000e+00	-3.2510e+04	0.0000e+00	-1.0282e+03
	1914	0.0000e+00	-1.5256e+02	0.0000e+00	1.6167e+04	0.0000e+00	-1.1442e+04
664	1895	0.0000e+00	6.2749e+02	0.0000e+00	5.1695e+04	0.0000e+00	2.8269e+04
	1894	0.0000e+00	9.1361e+02	0.0000e+00	6.8612e+04	0.0000e+00	-3.1073e+03
665	1896	0.0000e+00	6.7323e+02	0.0000e+00	9.3385e+04	0.0000e+00	4.1371e+04
	1895	0.0000e+00	4.7217e+02	0.0000e+00	4.3088e+04	0.0000e+00	-2.8106e+04
666	1897	0.0000e+00	6.4369e+02	0.0000e+00	7.2251e+04	0.0000e+00	4.3317e+04
	1896	0.0000e+00	6.1348e+02	0.0000e+00	2.3272e+04	0.0000e+00	-4.0681e+04
667	1898	0.0000e+00	8.0060e+02	0.0000e+00	9.7792e+04	0.0000e+00	5.1068e+04
	1897	0.0000e+00	7.5851e+02	0.0000e+00	5.7112e+04	0.0000e+00	-4.3571e+04
668	1899	0.0000e+00	7.9391e+02	0.0000e+00	7.5785e+04	0.0000e+00	4.6541e+04
	1898	0.0000e+00	7.9019e+02	0.0000e+00	5.4588e+04	0.0000e+00	-5.0627e+04
669	1900	0.0000e+00	7.9727e+02	0.0000e+00	5.7579e+04	0.0000e+00	5.1311e+04
	1899	0.0000e+00	7.9409e+02	0.0000e+00	7.3208e+04	0.0000e+00	-4.6456e+04
670	1901	0.0000e+00	7.6641e+02	0.0000e+00	5.9955e+04	0.0000e+00	4.3855e+04
	1900	0.0000e+00	8.0841e+02	0.0000e+00	9.6426e+04	0.0000e+00	-5.1595e+04
671	1902	0.0000e+00	6.3123e+02	0.0000e+00	2.6723e+04	0.0000e+00	4.2250e+04
	1901	0.0000e+00	6.4900e+02	0.0000e+00	7.0103e+04	0.0000e+00	-4.3442e+04
672	1903	0.0000e+00	4.6811e+02	0.0000e+00	4.6571e+04	0.0000e+00	2.7198e+04
	1902	0.0000e+00	6.8967e+02	0.0000e+00	9.3077e+04	0.0000e+00	-4.2818e+04
673	1904	0.0000e+00	9.9953e+02	0.0000e+00	7.9673e+04	0.0000e+00	3.3608e+03
	1903	0.0000e+00	6.4687e+02	0.0000e+00	4.5831e+04	0.0000e+00	-2.7271e+04

SFORZI "Dinamica SLVh Y" (Fase 1)							
Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-3.1538e+03	1.0467e-17	-1.8339e-17	-1.9494e+00	0.0000e+00	0.0000e+00
	1923	3.1538e+03	-1.0467e-17	1.8339e-17	1.9494e+00	0.0000e+00	0.0000e+00
2	1916	1.7486e+03	0.0000e+00	0.0000e+00	-1.6547e+00	0.0000e+00	0.0000e+00
	1921	-1.7486e+03	0.0000e+00	0.0000e+00	1.6547e+00	0.0000e+00	0.0000e+00
3	2085	-1.6829e+03	3.0573e-17	-3.4291e-18	-1.1345e+00	0.0000e+00	0.0000e+00
	1918	1.6829e+03	-3.0573e-17	3.4291e-18	1.1345e+00	0.0000e+00	0.0000e+00
4	2008	4.0435e+03	-2.6691e-17	2.8580e-17	-1.4363e-01	0.0000e+00	0.0000e+00
	2079	-4.0435e+03	2.6691e-17	-2.8580e-17	1.4363e-01	0.0000e+00	0.0000e+00
5	1919	2.0898e+03	-2.3051e-18	1.0790e-17	2.5394e-01	0.0000e+00	0.0000e+00
	2056	-2.0898e+03	2.3051e-18	-1.0790e-17	-2.5394e-01	0.0000e+00	0.0000e+00
6	2098	-1.9588e+03	2.0097e-17	-2.3187e-17	6.3000e-01	0.0000e+00	0.0000e+00
	1937	1.9588e+03	-2.0097e-17	2.3187e-17	-6.3000e-01	0.0000e+00	0.0000e+00
7	2042	1.7512e+03	2.8947e-17	1.2462e-17	-4.4935e-01	0.0000e+00	0.0000e+00

	2107	-1.7512e+03	-2.8947e-17	-1.2462e-17	4.4935e-01	0.0000e+00	0.0000e+00
8	1925	1.9807e+03	-2.4892e-17	-5.4242e-18	-4.5456e-01	0.0000e+00	0.0000e+00
	2008	-1.9807e+03	2.4892e-17	5.4242e-18	4.5456e-01	0.0000e+00	0.0000e+00
9	2109	-8.4851e+02	1.2287e-16	-2.8298e-17	-6.7145e-01	0.0000e+00	0.0000e+00
	2123	8.4851e+02	-1.2287e-16	2.8298e-17	6.7145e-01	0.0000e+00	0.0000e+00
10	2084	5.5615e+02	-2.9300e-17	-5.5440e-18	-3.4729e-01	0.0000e+00	0.0000e+00
	2106	-5.5615e+02	2.9300e-17	5.5440e-18	3.4729e-01	0.0000e+00	0.0000e+00
11	2083	-3.3539e+02	-4.1930e-19	3.3016e-19	-5.0153e-01	0.0000e+00	0.0000e+00
	2078	3.3539e+02	4.1930e-19	-3.3016e-19	5.0153e-01	0.0000e+00	0.0000e+00
12	2058	-3.1932e+02	-3.9595e-19	3.0607e-19	-5.0324e-01	0.0000e+00	0.0000e+00
	2077	3.1932e+02	3.9595e-19	-3.0607e-19	5.0324e-01	0.0000e+00	0.0000e+00
13	2041	-4.7861e+02	-3.0337e-17	-5.5187e-18	-3.5324e-01	0.0000e+00	0.0000e+00
	2055	4.7861e+02	3.0337e-17	5.5187e-18	3.5324e-01	0.0000e+00	0.0000e+00
14	2024	-7.4296e+02	1.2593e-16	-2.9087e-17	-6.8534e-01	0.0000e+00	0.0000e+00
	2038	7.4296e+02	-1.2593e-16	2.9087e-17	6.8534e-01	0.0000e+00	0.0000e+00
15	2007	-1.6811e+03	-2.6782e-17	-5.7402e-18	-3.7696e-01	0.0000e+00	0.0000e+00
	2021	1.6811e+03	2.6782e-17	5.7402e-18	3.7696e-01	0.0000e+00	0.0000e+00
16	1982	-3.1484e+03	1.0688e-17	-1.8422e-17	-2.1862e+00	0.0000e+00	0.0000e+00
	2012	3.1484e+03	-1.0688e-17	1.8422e-17	2.1862e+00	0.0000e+00	0.0000e+00
17	1985	1.7425e+03	0.0000e+00	0.0000e+00	-1.6553e+00	0.0000e+00	0.0000e+00
	2010	-1.7425e+03	0.0000e+00	0.0000e+00	1.6553e+00	0.0000e+00	0.0000e+00
18	1998	-1.7875e+03	3.1349e-17	-3.6586e-18	-1.0850e+00	0.0000e+00	0.0000e+00
	2007	1.7875e+03	-3.1349e-17	3.6586e-18	1.0850e+00	0.0000e+00	0.0000e+00
19	1995	1.6356e+03	3.0015e-17	1.2581e-17	-4.7131e-01	0.0000e+00	0.0000e+00
	2004	-1.6356e+03	-3.0015e-17	-1.2581e-17	4.7131e-01	0.0000e+00	0.0000e+00
20	1992	3.7291e+03	8.6041e-18	-9.3025e-18	-1.4872e-01	0.0000e+00	0.0000e+00
	2001	-3.7291e+03	-8.6041e-18	9.3025e-18	1.4872e-01	0.0000e+00	0.0000e+00
21	1989	1.9823e+03	-2.3316e-18	1.0520e-17	2.7817e-01	0.0000e+00	0.0000e+00
	2000	-1.9823e+03	2.3316e-18	-1.0520e-17	-2.7817e-01	0.0000e+00	0.0000e+00
22	1988	-2.0185e+03	-5.2450e-19	1.0313e-17	5.9248e-01	0.0000e+00	0.0000e+00
	1928	2.0185e+03	5.2450e-19	-1.0313e-17	-5.9248e-01	0.0000e+00	0.0000e+00
643	1905	-3.9062e+02	1.2439e-13	1.1094e-12	1.0458e+03	0.0000e+00	0.0000e+00
	1960	3.9062e+02	-1.2439e-13	-1.1094e-12	-1.0458e+03	0.0000e+00	0.0000e+00
644	1906	3.4445e+02	-7.5083e-14	1.1111e-12	8.1818e+02	0.0000e+00	0.0000e+00
	1961	-3.4445e+02	7.5083e-14	-1.1111e-12	-8.1818e+02	0.0000e+00	0.0000e+00
645	1907	2.1409e+01	1.9094e-14	1.1129e-12	-7.0993e+02	0.0000e+00	0.0000e+00
	1962	-2.1409e+01	-1.9094e-14	-1.1129e-12	7.0993e+02	0.0000e+00	0.0000e+00
646	1908	-1.8256e+01	-1.4596e-14	1.1136e-12	-6.7154e+02	0.0000e+00	0.0000e+00
	1963	1.8256e+01	1.4596e-14	-1.1136e-12	6.7154e+02	0.0000e+00	0.0000e+00
647	1909	4.5707e+00	4.6484e-15	1.1143e-12	-6.4369e+02	0.0000e+00	0.0000e+00
	1964	-4.5707e+00	-4.6484e-15	-1.1143e-12	6.4369e+02	0.0000e+00	0.0000e+00
648	1910	-8.9815e-01	-9.7150e-16	1.1144e-12	-6.3999e+02	0.0000e+00	0.0000e+00
	1965	8.9815e-01	9.7150e-16	-1.1144e-12	6.3999e+02	0.0000e+00	0.0000e+00
649	1911	-4.4820e+00	-4.4322e-15	1.1143e-12	-6.5352e+02	0.0000e+00	0.0000e+00
	1966	4.4820e+00	4.4322e-15	-1.1143e-12	6.5352e+02	0.0000e+00	0.0000e+00
650	1912	1.9747e+01	1.4372e-14	1.1137e-12	-6.9550e+02	0.0000e+00	0.0000e+00
	1967	-1.9747e+01	-1.4372e-14	-1.1137e-12	6.9550e+02	0.0000e+00	0.0000e+00
651	1913	-2.3281e+01	-1.9466e-14	1.1130e-12	-7.4567e+02	0.0000e+00	0.0000e+00
	1968	2.3281e+01	1.9466e-14	-1.1130e-12	7.4567e+02	0.0000e+00	0.0000e+00
652	1914	-3.4363e+02	7.7189e-14	1.1114e-12	8.7763e+02	0.0000e+00	0.0000e+00
	1969	3.4363e+02	-7.7189e-14	-1.1114e-12	-8.7763e+02	0.0000e+00	0.0000e+00
653	1915	3.4172e+02	-1.1804e-13	1.1112e-12	7.7163e+02	0.0000e+00	0.0000e+00
	1970	-3.4172e+02	1.1804e-13	-1.1112e-12	-7.7163e+02	0.0000e+00	0.0000e+00
237	2116	9.0472e+02	4.2678e+02	-6.5000e+02	-3.3790e+03	4.3417e+04	5.0545e+04
	2079	-9.0472e+02	-4.2678e+02	6.5000e+02	3.3790e+03	2.1667e+04	-1.0454e+04

238	1959	8.6704e+02	4.5734e+02	-5.3044e+02	-7.5600e+02	5.0485e+04	5.6452e+04
	2116	-8.6704e+02	-4.5734e+02	5.3044e+02	7.5600e+02	-4.3542e+04	-5.0438e+04
239	2110	-8.3235e+02	-4.5511e+02	-5.4478e+02	-3.0727e+03	3.9215e+04	-4.8039e+04
	1919	8.3235e+02	4.5511e+02	5.4478e+02	3.0727e+03	1.5481e+04	7.6376e+03
240	1958	-8.4174e+02	-4.2972e+02	-5.8275e+02	-7.0393e+02	4.7145e+04	-5.3505e+04
	2110	8.4174e+02	4.2972e+02	5.8275e+02	7.0393e+02	-3.9329e+04	4.7887e+04
241	2121	-2.1493e+01	-1.7116e+01	-4.9271e+02	-2.9366e+03	3.6131e+04	-2.0509e+03
	2120	2.1493e+01	1.7116e+01	4.9271e+02	2.9366e+03	1.3328e+04	5.5957e+02
242	1957	-1.5332e+01	-1.6315e+01	-6.4792e+02	-7.5370e+02	4.4945e+04	-2.3074e+03
	2121	1.5332e+01	1.6315e+01	6.4792e+02	7.5370e+02	-3.6242e+04	2.0934e+03
243	2104	1.6220e+01	1.3694e+01	-4.7166e+02	-2.8850e+03	3.4895e+04	1.9158e+03
	2103	-1.6220e+01	-1.3694e+01	4.7166e+02	2.8850e+03	1.2452e+04	-6.3557e+02
244	1956	1.1328e+01	1.3017e+01	-6.7381e+02	-7.7666e+02	4.4059e+04	2.0893e+03
	2104	-1.1328e+01	-1.3017e+01	6.7381e+02	7.7666e+02	-3.5006e+04	-1.9174e+03
245	2074	-5.4980e+00	-3.7393e+00	-4.5450e+02	-2.8461e+03	3.3882e+04	-4.6948e+02
	2072	5.4980e+00	3.7393e+00	4.5450e+02	2.8461e+03	1.1746e+04	2.6165e+02
246	1955	-4.0471e+00	-3.5579e+00	-6.9490e+02	-7.9887e+02	4.3331e+04	-5.1136e+02
	2074	4.0471e+00	3.5579e+00	6.9490e+02	7.9887e+02	-3.3992e+04	4.7075e+02
247	2073	-4.4105e-01	-7.3315e-01	-4.5166e+02	-2.8406e+03	3.3673e+04	-1.1588e+02
	2071	4.4105e-01	7.3315e-01	4.5166e+02	2.8406e+03	1.1666e+04	7.2571e+01
248	1954	-2.7220e-01	-7.0546e-01	-7.0003e+02	-8.0590e+02	4.3190e+04	-1.2361e+02
	2073	2.7220e-01	7.0546e-01	7.0003e+02	8.0590e+02	-3.3783e+04	1.1595e+02
249	2053	-5.5072e+00	2.8842e+00	-4.5944e+02	-2.8590e+03	3.4042e+04	4.0481e+02
	2052	5.5072e+00	-2.8842e+00	4.5944e+02	2.8590e+03	1.2066e+04	-1.9646e+02
250	1953	-4.1047e+00	2.7197e+00	-6.9310e+02	-8.0196e+02	4.3463e+04	4.3864e+02
	2053	4.1047e+00	-2.7197e+00	6.9310e+02	8.0196e+02	-3.4152e+04	-4.0572e+02
251	2036	-1.7172e+01	-1.3080e+01	-4.8360e+02	-2.9163e+03	3.5290e+04	-2.1530e+03
	2035	1.7172e+01	1.3080e+01	4.8360e+02	2.9163e+03	1.3223e+04	8.9498e+02
252	1952	-1.2158e+01	-1.2401e+01	-6.6932e+02	-7.8394e+02	4.4383e+04	-2.3194e+03
	2036	1.2158e+01	1.2401e+01	6.6932e+02	7.8394e+02	-3.5402e+04	2.1549e+03
253	2019	-2.3364e+01	1.5651e+01	-5.1061e+02	-2.9835e+03	3.6733e+04	2.2574e+03
	2018	2.3364e+01	-1.5651e+01	5.1061e+02	2.9835e+03	1.4479e+04	-7.5630e+02
254	1951	-1.6924e+01	1.4848e+01	-6.4099e+02	-7.6399e+02	4.5434e+04	2.4878e+03
	2019	1.6924e+01	-1.4848e+01	6.4099e+02	7.6399e+02	-3.6846e+04	-2.2906e+03
255	2002	9.2855e+02	3.6817e+02	-5.7464e+02	-3.1525e+03	4.0263e+04	4.2251e+04
	2001	-9.2855e+02	-3.6817e+02	5.7464e+02	3.1525e+03	1.7386e+04	-1.0453e+04
256	1950	8.9294e+02	3.9684e+02	-5.7061e+02	-7.1996e+02	4.7988e+04	4.7201e+04
	2002	-8.9294e+02	-3.9684e+02	5.7061e+02	7.1996e+02	-4.0380e+04	-4.2111e+04
257	1990	-8.5226e+02	-4.4072e+02	-5.2765e+02	-2.9951e+03	3.9205e+04	-4.8395e+04
	1989	8.5226e+02	4.4072e+02	5.2765e+02	2.9951e+03	1.4154e+04	7.6502e+03
258	1939	-8.5954e+02	-4.1810e+02	-5.6134e+02	-6.2807e+02	4.6869e+04	-5.3773e+04
	1990	8.5954e+02	4.1810e+02	5.6134e+02	6.2807e+02	-3.9314e+04	4.8296e+04
259	36	-7.1272e+02	-1.2290e-13	-1.3414e+03	4.7212e+00	1.3414e+04	0.0000e+00
	1939	7.1272e+02	1.2290e-13	1.3414e+03	-4.7212e+00	0.0000e+00	0.0000e+00
260	2110	-2.2979e+02	8.8984e-16	-3.6236e-15	1.0777e+02	0.0000e+00	0.0000e+00
	2116	2.2979e+02	-8.8984e-16	3.6236e-15	-1.0777e+02	0.0000e+00	0.0000e+00
261	2121	-3.2362e+02	7.8880e-17	1.3488e-15	-4.4592e+01	0.0000e+00	0.0000e+00
	2110	3.2362e+02	-7.8880e-17	-1.3488e-15	4.4592e+01	0.0000e+00	0.0000e+00
262	2104	-2.9168e+02	0.0000e+00	0.0000e+00	2.8756e+00	0.0000e+00	0.0000e+00
	2121	2.9168e+02	0.0000e+00	0.0000e+00	-2.8756e+00	0.0000e+00	0.0000e+00
263	2074	-2.1413e+02	-2.6981e-17	-6.3001e-17	-1.5373e+00	0.0000e+00	0.0000e+00
	2104	2.1413e+02	2.6981e-17	6.3001e-17	1.5373e+00	0.0000e+00	0.0000e+00
264	2073	-1.1050e+02	-2.1565e-17	-9.9128e-15	9.8663e-01	0.0000e+00	0.0000e+00
	2074	1.1050e+02	2.1565e-17	9.9128e-15	-9.8663e-01	0.0000e+00	0.0000e+00
265	2053	4.7810e+01	-4.3272e-17	1.0051e-16	1.0002e+00	0.0000e+00	0.0000e+00

	2073	-4.7810e+01	4.3272e-17	-1.0051e-16	-1.0002e+00	0.0000e+00	0.0000e+00
266	2036	1.2866e+02	6.8049e-15	1.3036e-16	-1.5723e+00	0.0000e+00	0.0000e+00
	2053	-1.2866e+02	-6.8049e-15	-1.3036e-16	1.5723e+00	0.0000e+00	0.0000e+00
267	2019	1.8777e+02	7.6187e-17	-3.4573e-16	3.1925e+00	0.0000e+00	0.0000e+00
	2036	-1.8777e+02	-7.6187e-17	3.4573e-16	-3.1925e+00	0.0000e+00	0.0000e+00
268	2002	1.9310e+02	-1.4800e-16	0.0000e+00	-4.1018e+01	0.0000e+00	0.0000e+00
	2019	-1.9310e+02	1.4800e-16	0.0000e+00	4.1018e+01	0.0000e+00	0.0000e+00
269	1990	6.7069e+01	-1.6501e-16	-5.9215e-15	9.9118e+01	0.0000e+00	0.0000e+00
	2002	-6.7069e+01	1.6501e-16	5.9215e-15	-9.9118e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-7.3944e+01	0.0000e+00	4.9318e+03	0.0000e+00	-1.1456e+04
	1894	0.0000e+00	7.3944e+01	0.0000e+00	-4.9318e+03	0.0000e+00	-2.0846e+04
271	11	0.0000e+00	-4.5050e+01	0.0000e+00	3.1441e+03	0.0000e+00	-4.9964e+03
	77	0.0000e+00	4.5050e+01	0.0000e+00	-3.1441e+03	0.0000e+00	3.1997e+03
272	67	0.0000e+00	7.6260e+01	0.0000e+00	4.8278e+03	0.0000e+00	1.1638e+04
	1904	0.0000e+00	-7.6260e+01	0.0000e+00	-4.8278e+03	0.0000e+00	2.0830e+04
273	1	0.0000e+00	4.4118e+01	0.0000e+00	3.1237e+03	0.0000e+00	5.0142e+03
	67	0.0000e+00	-4.4118e+01	0.0000e+00	-3.1237e+03	0.0000e+00	-3.2476e+03
274	72	0.0000e+00	-2.9885e+00	0.0000e+00	1.2684e+03	0.0000e+00	-2.4462e+02
	1899	0.0000e+00	2.9885e+00	0.0000e+00	-1.2684e+03	0.0000e+00	-7.9835e+02
275	6	0.0000e+00	7.3064e-01	0.0000e+00	3.3819e+03	0.0000e+00	-2.6005e+01
	72	0.0000e+00	-7.3064e-01	0.0000e+00	-3.3819e+03	0.0000e+00	5.9160e+01
276	76	0.0000e+00	2.3663e+01	0.0000e+00	1.0038e+03	0.0000e+00	2.1646e+03
	1895	0.0000e+00	-2.3663e+01	0.0000e+00	-1.0038e+03	0.0000e+00	6.2666e+03
277	10	0.0000e+00	5.5168e+01	0.0000e+00	3.1864e+03	0.0000e+00	2.4140e+03
	76	0.0000e+00	-5.5168e+01	0.0000e+00	-3.1864e+03	0.0000e+00	-4.9543e+02
278	75	0.0000e+00	-1.9416e+01	0.0000e+00	1.3997e+03	0.0000e+00	-2.4709e+03
	1896	0.0000e+00	1.9416e+01	0.0000e+00	-1.3997e+03	0.0000e+00	-4.7299e+03
279	9	0.0000e+00	-3.0315e+01	0.0000e+00	3.3335e+03	0.0000e+00	-1.9243e+03
	75	0.0000e+00	3.0315e+01	0.0000e+00	-3.3335e+03	0.0000e+00	5.9336e+02
280	74	0.0000e+00	3.8453e+01	0.0000e+00	1.4071e+03	0.0000e+00	5.2628e+03
	1897	0.0000e+00	-3.8453e+01	0.0000e+00	-1.4071e+03	0.0000e+00	8.2588e+03
281	8	0.0000e+00	2.3024e+01	0.0000e+00	3.3508e+03	0.0000e+00	2.2631e+03
	74	0.0000e+00	-2.3024e+01	0.0000e+00	-3.3508e+03	0.0000e+00	-1.2543e+03
282	73	0.0000e+00	-1.4203e+01	0.0000e+00	9.6058e+02	0.0000e+00	-1.8177e+03
	1898	0.0000e+00	1.4203e+01	0.0000e+00	-9.6058e+02	0.0000e+00	-3.2627e+03
283	7	0.0000e+00	-8.1375e+00	0.0000e+00	3.5479e+03	0.0000e+00	-7.7836e+02
	73	0.0000e+00	8.1375e+00	0.0000e+00	-3.5479e+03	0.0000e+00	4.4103e+02
284	71	0.0000e+00	1.0301e+01	0.0000e+00	9.6121e+02	0.0000e+00	1.4775e+03
	1900	0.0000e+00	-1.0301e+01	0.0000e+00	-9.6121e+02	0.0000e+00	2.3265e+03
285	5	0.0000e+00	9.0764e+00	0.0000e+00	3.5473e+03	0.0000e+00	7.4680e+02
	71	0.0000e+00	-9.0764e+00	0.0000e+00	-3.5473e+03	0.0000e+00	-3.5803e+02
286	70	0.0000e+00	-3.8271e+01	0.0000e+00	1.4139e+03	0.0000e+00	-5.2880e+03
	1901	0.0000e+00	3.8271e+01	0.0000e+00	-1.4139e+03	0.0000e+00	-8.1179e+03
287	4	0.0000e+00	-2.3166e+01	0.0000e+00	3.3483e+03	0.0000e+00	-2.2650e+03
	70	0.0000e+00	2.3166e+01	0.0000e+00	-3.3483e+03	0.0000e+00	1.2594e+03
288	69	0.0000e+00	1.9285e+01	0.0000e+00	1.3942e+03	0.0000e+00	2.5550e+03
	1902	0.0000e+00	-1.9285e+01	0.0000e+00	-1.3942e+03	0.0000e+00	4.6559e+03
289	3	0.0000e+00	3.0812e+01	0.0000e+00	3.3480e+03	0.0000e+00	1.9677e+03
	69	0.0000e+00	-3.0812e+01	0.0000e+00	-3.3480e+03	0.0000e+00	-6.0988e+02
290	68	0.0000e+00	-1.6016e+01	0.0000e+00	9.9192e+02	0.0000e+00	-1.7124e+03
	1903	0.0000e+00	1.6016e+01	0.0000e+00	-9.9192e+02	0.0000e+00	-4.0862e+03
291	2	0.0000e+00	-5.4057e+01	0.0000e+00	3.1918e+03	0.0000e+00	-2.4316e+03
	68	0.0000e+00	5.4057e+01	0.0000e+00	-3.1918e+03	0.0000e+00	3.8394e+02
292	57	6.8008e+02	3.9550e-14	-1.3405e+03	5.1842e+00	1.3405e+04	0.0000e+00
	1950	-6.8008e+02	-3.9550e-14	1.3405e+03	-5.1842e+00	0.0000e+00	0.0000e+00

293	34	-1.5369e+03	-2.0182e-14	-8.5446e+02	2.6336e+00	1.1108e+04	0.0000e+00
	1938	1.5369e+03	2.0182e-14	8.5446e+02	-2.6336e+00	0.0000e+00	0.0000e+00
294	37	9.9705e+02	3.8872e-15	-8.5292e+02	2.5431e+00	1.1088e+04	0.0000e+00
	1940	-9.9705e+02	-3.8872e-15	8.5292e+02	-2.5431e+00	0.0000e+00	0.0000e+00
295	38	-2.9510e+02	2.0500e-15	-8.4787e+02	2.5656e+00	1.1022e+04	0.0000e+00
	1941	2.9510e+02	-2.0500e-15	8.4787e+02	-2.5656e+00	0.0000e+00	0.0000e+00
296	39	-2.5084e+02	-1.3465e-15	-8.4562e+02	2.5792e+00	1.0993e+04	0.0000e+00
	1942	2.5084e+02	1.3465e-15	8.4562e+02	-2.5792e+00	0.0000e+00	0.0000e+00
297	40	5.1248e+01	9.2173e-16	-8.4350e+02	2.5932e+00	1.0966e+04	0.0000e+00
	1943	-5.1248e+01	-9.2173e-16	8.4350e+02	-2.5932e+00	0.0000e+00	0.0000e+00
298	41	-1.5917e+01	1.7580e-16	-8.4312e+02	2.5942e+00	1.0961e+04	0.0000e+00
	1944	1.5917e+01	-1.7580e-16	8.4312e+02	-2.5942e+00	0.0000e+00	0.0000e+00
299	42	-7.3971e+01	7.4658e-16	-8.4358e+02	2.5846e+00	1.0966e+04	0.0000e+00
	1945	7.3971e+01	-7.4658e-16	8.4358e+02	-2.5846e+00	0.0000e+00	0.0000e+00
300	43	2.7375e+02	1.2090e-15	-8.4579e+02	2.5598e+00	1.0995e+04	0.0000e+00
	1946	-2.7375e+02	-1.2090e-15	8.4579e+02	-2.5598e+00	0.0000e+00	0.0000e+00
301	44	-3.4364e+02	1.7309e-15	-8.4810e+02	2.5390e+00	1.1025e+04	0.0000e+00
	1947	3.4364e+02	-1.7309e-15	8.4810e+02	-2.5390e+00	0.0000e+00	0.0000e+00
302	45	-9.1203e+02	-4.3894e-15	-8.5333e+02	2.4966e+00	1.1093e+04	0.0000e+00
	1948	9.1203e+02	4.3894e-15	8.5333e+02	-2.4966e+00	0.0000e+00	0.0000e+00
303	46	1.6061e+03	2.0334e-14	-8.5498e+02	2.4322e+00	1.1115e+04	0.0000e+00
	1949	-1.6061e+03	-2.0334e-14	8.5498e+02	-2.4322e+00	0.0000e+00	0.0000e+00
304	66	7.9780e+02	1.2743e-13	-1.3428e+03	5.4945e+00	1.3428e+04	0.0000e+00
	1959	-7.9780e+02	-1.2743e-13	1.3428e+03	-5.4945e+00	0.0000e+00	0.0000e+00
305	65	-7.1770e+02	-3.7782e-14	-1.3437e+03	5.0695e+00	1.3437e+04	0.0000e+00
	1958	7.1770e+02	3.7782e-14	1.3437e+03	-5.0695e+00	0.0000e+00	0.0000e+00
306	64	-3.1233e+01	-5.7316e-15	-1.3399e+03	5.1562e+00	1.3399e+04	0.0000e+00
	1957	3.1233e+01	5.7316e-15	1.3399e+03	-5.1562e+00	0.0000e+00	0.0000e+00
307	63	2.6210e+01	-4.1482e-15	-1.3377e+03	5.1993e+00	1.3377e+04	0.0000e+00
	1956	-2.6210e+01	4.1482e-15	1.3377e+03	-5.1993e+00	0.0000e+00	0.0000e+00
308	62	-6.6694e+00	-2.6763e-15	-1.3350e+03	5.2457e+00	1.3350e+04	0.0000e+00
	1955	6.6694e+00	2.6763e-15	1.3350e+03	-5.2457e+00	0.0000e+00	0.0000e+00
309	61	-1.3933e+00	-7.8072e-16	-1.3344e+03	5.2634e+00	1.3344e+04	0.0000e+00
	1954	1.3933e+00	7.8072e-16	1.3344e+03	-5.2634e+00	0.0000e+00	0.0000e+00
310	60	5.5171e+00	-2.9866e-15	-1.3344e+03	5.2624e+00	1.3344e+04	0.0000e+00
	1953	-5.5171e+00	2.9866e-15	1.3344e+03	-5.2624e+00	0.0000e+00	0.0000e+00
311	59	-2.6844e+01	3.9973e-15	-1.3363e+03	5.2411e+00	1.3363e+04	0.0000e+00
	1952	2.6844e+01	-3.9973e-15	1.3363e+03	-5.2411e+00	0.0000e+00	0.0000e+00
312	58	3.0824e+01	-6.1089e-15	-1.3379e+03	5.2214e+00	1.3379e+04	0.0000e+00
	1951	-3.0824e+01	6.1089e-15	1.3379e+03	-5.2214e+00	0.0000e+00	0.0000e+00
313	1936	1.4797e+03	2.4797e-16	-3.7096e-15	-1.1898e+01	0.0000e+00	0.0000e+00
	1937	-1.4797e+03	-2.4797e-16	3.7096e-15	1.1898e+01	0.0000e+00	0.0000e+00
314	1935	1.1391e+03	-8.4783e-18	1.3939e-15	-3.6640e+00	0.0000e+00	0.0000e+00
	1936	-1.1391e+03	8.4783e-18	-1.3939e-15	3.6640e+00	0.0000e+00	0.0000e+00
315	1934	8.1256e+02	0.0000e+00	0.0000e+00	4.2103e+00	0.0000e+00	0.0000e+00
	1935	-8.1256e+02	0.0000e+00	0.0000e+00	-4.2103e+00	0.0000e+00	0.0000e+00
316	1933	4.8250e+02	8.0450e-18	-6.2919e-17	-1.9177e+00	0.0000e+00	0.0000e+00
	1934	-4.8250e+02	-8.0450e-18	6.2919e-17	1.9177e+00	0.0000e+00	0.0000e+00
317	1932	1.3601e+02	6.6003e-18	-2.4364e-15	9.3655e-01	0.0000e+00	0.0000e+00
	1933	-1.3601e+02	-6.6003e-18	2.4364e-15	-9.3655e-01	0.0000e+00	0.0000e+00
318	1931	-1.9438e+02	1.3190e-17	1.1230e-16	9.3475e-01	0.0000e+00	0.0000e+00
	1932	1.9438e+02	-1.3190e-17	-1.1230e-16	-9.3475e-01	0.0000e+00	0.0000e+00
319	1930	-5.4207e+02	-2.1225e-15	1.2941e-16	-1.9182e+00	0.0000e+00	0.0000e+00
	1931	5.4207e+02	2.1225e-15	-1.2941e-16	1.9182e+00	0.0000e+00	0.0000e+00
320	1929	-8.7477e+02	-2.3568e-17	-5.0014e-16	4.1995e+00	0.0000e+00	0.0000e+00

	1930	8.7477e+02	2.3568e-17	5.0014e-16	-4.1995e+00	0.0000e+00	0.0000e+00
321	1928	-1.2051e+03	-6.1526e-17	0.0000e+00	7.8764e+00	0.0000e+00	0.0000e+00
	1929	1.2051e+03	6.1526e-17	0.0000e+00	-7.8764e+00	0.0000e+00	0.0000e+00
322	1927	2.4665e+02	-5.0268e-17	-6.0490e-15	-1.1829e+01	0.0000e+00	0.0000e+00
	1928	-2.4665e+02	5.0268e-17	6.0490e-15	1.1829e+01	0.0000e+00	0.0000e+00
323	1937	8.7693e+02	-5.7472e+01	-1.7943e+02	-2.8149e-01	1.7594e-02	-1.1367e+01
	1960	-8.7693e+02	5.7472e+01	1.7943e+02	2.8149e-01	1.2955e+04	-4.1413e+03
324	1936	1.9975e+01	-1.4809e+01	-1.7073e+02	9.5613e-12	-4.5665e-10	1.5504e+01
	1961	-1.9975e+01	1.4809e+01	1.7073e+02	-9.5613e-12	1.2327e+04	-1.0759e+03
325	1935	-4.5918e+00	3.4042e+00	-1.7964e+02	-4.1058e-12	-1.7820e-10	5.5998e+00
	1962	4.5918e+00	-3.4042e+00	1.7964e+02	4.1058e-12	1.2970e+04	-2.4182e+02
326	1934	3.4105e+00	-2.5285e+00	-1.8311e+02	8.5731e-12	-3.9111e-10	-6.1012e+00
	1963	-3.4105e+00	2.5285e+00	1.8311e+02	-8.5731e-12	1.3221e+04	-1.8464e+02
327	1933	-1.1688e+00	8.6651e-01	-1.8605e+02	-7.7681e-11	1.2450e-10	2.8132e+00
	1964	1.1688e+00	-8.6651e-01	1.8605e+02	7.7681e-11	1.3433e+04	6.1322e+01
328	1932	-1.0943e-01	8.1128e-02	-1.8711e+02	1.6140e-11	4.5349e-10	-2.5564e-03
	1965	1.0943e-01	-8.1128e-02	1.8711e+02	-1.6140e-11	1.3509e+04	5.8586e+00
329	1931	-1.1404e+00	8.4547e-01	-1.8711e+02	4.6874e-11	-4.6737e-10	-2.8125e+00
	1966	1.1404e+00	-8.4547e-01	1.8711e+02	-4.6874e-11	1.3510e+04	5.9558e+01
330	1930	-3.5372e+00	2.6224e+00	-1.8560e+02	8.4041e-12	-3.5252e-10	6.0921e+00
	1967	3.5372e+00	-2.6224e+00	1.8560e+02	-8.4041e-12	1.3401e+04	1.9160e+02
331	1929	4.8469e+00	-3.5934e+00	-1.8319e+02	4.6168e-12	6.9882e-11	-7.5010e+00
	1968	-4.8469e+00	3.5934e+00	1.8319e+02	-4.6168e-12	1.3227e+04	2.5643e+02
332	1928	9.0338e+02	-5.9412e+01	-1.7633e+02	-2.6473e-01	1.6547e-02	-1.9126e+01
	1969	-9.0338e+02	5.9412e+01	1.7633e+02	2.6473e-01	1.2731e+04	-4.2750e+03
333	1927	1.6305e+01	-1.2088e+01	-1.6099e+02	4.6150e-12	5.9834e-11	1.1829e+01
	1970	-1.6305e+01	1.2088e+01	1.6099e+02	-4.6150e-12	1.1624e+04	-8.7655e+02
334	2089	-2.1714e+02	-2.0236e-17	4.1625e-17	-3.2699e-01	0.0000e+00	0.0000e+00
	2090	2.1714e+02	2.0236e-17	-4.1625e-17	3.2699e-01	0.0000e+00	0.0000e+00
335	2083	2.9520e+02	-4.8626e-17	4.6886e-17	-8.2913e-01	0.0000e+00	0.0000e+00
	2084	-2.9520e+02	4.8626e-17	-4.6886e-17	8.2913e-01	0.0000e+00	0.0000e+00
336	2081	5.2115e+01	-5.4426e-17	4.7134e-17	-2.0107e-01	0.0000e+00	0.0000e+00
	2082	-5.2115e+01	5.4426e-17	-4.7134e-17	2.0107e-01	0.0000e+00	0.0000e+00
337	2055	-3.2487e+02	-5.3607e-17	4.5772e-17	-5.2581e-01	0.0000e+00	0.0000e+00
	2077	3.2487e+02	5.3607e-17	-4.5772e-17	5.2581e-01	0.0000e+00	0.0000e+00
338	2077	1.2168e+02	-5.2451e-17	4.7169e-17	-4.7800e-01	0.0000e+00	0.0000e+00
	2078	-1.2168e+02	5.2451e-17	-4.7169e-17	4.7800e-01	0.0000e+00	0.0000e+00
339	2075	-9.2036e+01	-4.4341e-17	4.7815e-17	8.8126e-01	0.0000e+00	0.0000e+00
	2076	9.2036e+01	4.4341e-17	-4.7815e-17	-8.8126e-01	0.0000e+00	0.0000e+00
340	2071	-1.3276e+02	-3.2904e-17	4.9420e-17	1.0535e+00	0.0000e+00	0.0000e+00
	2072	1.3276e+02	3.2904e-17	-4.9420e-17	-1.0535e+00	0.0000e+00	0.0000e+00
341	2087	7.7641e+01	-3.2913e-17	4.4664e-17	-1.0700e+00	0.0000e+00	0.0000e+00
	2088	-7.7641e+01	3.2913e-17	-4.4664e-17	1.0700e+00	0.0000e+00	0.0000e+00
342	2090	-5.9732e+02	0.0000e+00	-2.5206e-16	1.0001e+00	0.0000e+00	0.0000e+00
	2112	5.9732e+02	0.0000e+00	2.5206e-16	-1.0001e+00	0.0000e+00	0.0000e+00
343	2088	1.3255e+02	0.0000e+00	-2.7342e-16	2.1294e+00	0.0000e+00	0.0000e+00
	2111	-1.3255e+02	0.0000e+00	2.7342e-16	-2.1294e+00	0.0000e+00	0.0000e+00
344	2084	4.9873e+02	0.0000e+00	-2.8928e-16	1.5147e+00	0.0000e+00	0.0000e+00
	2109	-4.9873e+02	0.0000e+00	2.8928e-16	-1.5147e+00	0.0000e+00	0.0000e+00
345	2082	1.5150e+02	0.0000e+00	-2.8921e-16	3.0284e-01	0.0000e+00	0.0000e+00
	2108	-1.5150e+02	0.0000e+00	2.8921e-16	-3.0284e-01	0.0000e+00	0.0000e+00
346	2078	6.1127e+02	0.0000e+00	-2.8860e-16	1.2321e+00	0.0000e+00	0.0000e+00
	2106	-6.1127e+02	0.0000e+00	2.8860e-16	-1.2321e+00	0.0000e+00	0.0000e+00
347	2076	-3.7832e+01	0.0000e+00	-2.9326e-16	-1.8792e+00	0.0000e+00	0.0000e+00
	2105	3.7832e+01	0.0000e+00	2.9326e-16	1.8792e+00	0.0000e+00	0.0000e+00

348	2072	-4.0121e+02	0.0000e+00	-3.0345e-16	-1.9262e+00	0.0000e+00	0.0000e+00
	2103	4.0121e+02	0.0000e+00	3.0345e-16	1.9262e+00	0.0000e+00	0.0000e+00
349	2103	-7.0617e+02	0.0000e+00	0.0000e+00	2.0165e+00	0.0000e+00	0.0000e+00
	2120	7.0617e+02	0.0000e+00	0.0000e+00	-2.0165e+00	0.0000e+00	0.0000e+00
350	2105	-5.8402e+01	0.0000e+00	0.0000e+00	1.1870e+00	0.0000e+00	0.0000e+00
	2122	5.8402e+01	0.0000e+00	0.0000e+00	-1.1870e+00	0.0000e+00	0.0000e+00
351	2106	1.3379e+03	0.0000e+00	0.0000e+00	-4.9632e-01	0.0000e+00	0.0000e+00
	2123	-1.3379e+03	0.0000e+00	0.0000e+00	4.9632e-01	0.0000e+00	0.0000e+00
352	2108	2.1135e+02	0.0000e+00	0.0000e+00	-6.8140e-01	0.0000e+00	0.0000e+00
	2125	-2.1135e+02	0.0000e+00	0.0000e+00	6.8140e-01	0.0000e+00	0.0000e+00
353	2109	8.1828e+02	0.0000e+00	0.0000e+00	-8.9762e-01	0.0000e+00	0.0000e+00
	1925	-8.1828e+02	0.0000e+00	0.0000e+00	8.9762e-01	0.0000e+00	0.0000e+00
354	2111	1.8525e+02	0.0000e+00	0.0000e+00	-1.5155e+00	0.0000e+00	0.0000e+00
	1983	-1.8525e+02	0.0000e+00	0.0000e+00	1.5155e+00	0.0000e+00	0.0000e+00
355	2112	-1.0201e+03	0.0000e+00	0.0000e+00	-1.4659e+00	0.0000e+00	0.0000e+00
	2005	1.0201e+03	0.0000e+00	0.0000e+00	1.4659e+00	0.0000e+00	0.0000e+00
356	2085	1.0360e+03	2.0374e-15	1.7845e-15	-1.0035e+02	0.0000e+00	0.0000e+00
	1921	-1.0360e+03	-2.0374e-15	-1.7845e-15	1.0035e+02	0.0000e+00	0.0000e+00
357	1983	2.1647e+02	0.0000e+00	5.9429e-16	5.8587e+01	0.0000e+00	0.0000e+00
	2059	-2.1647e+02	0.0000e+00	-5.9429e-16	-5.8587e+01	0.0000e+00	0.0000e+00
358	2005	-1.4741e+03	0.0000e+00	5.8573e-16	4.8256e+01	0.0000e+00	0.0000e+00
	2085	1.4741e+03	0.0000e+00	-5.8573e-16	-4.8256e+01	0.0000e+00	0.0000e+00
359	1925	1.9696e+03	0.0000e+00	7.4782e-16	4.9626e+01	0.0000e+00	0.0000e+00
	2042	-1.9696e+03	0.0000e+00	-7.4782e-16	-4.9626e+01	0.0000e+00	0.0000e+00
360	2125	2.2420e+02	0.0000e+00	8.5004e-16	2.3369e+01	0.0000e+00	0.0000e+00
	2025	-2.2420e+02	0.0000e+00	-8.5004e-16	-2.3369e+01	0.0000e+00	0.0000e+00
361	2123	2.2643e+03	0.0000e+00	8.8172e-16	-2.2569e+01	0.0000e+00	0.0000e+00
	2008	-2.2643e+03	0.0000e+00	-8.8172e-16	2.2569e+01	0.0000e+00	0.0000e+00
362	2122	-7.8653e+01	0.0000e+00	9.8077e-16	-5.3336e+01	0.0000e+00	0.0000e+00
	1996	7.8653e+01	0.0000e+00	-9.8077e-16	5.3336e+01	0.0000e+00	0.0000e+00
363	2120	-1.0360e+03	0.0000e+00	-1.2767e-15	-6.3226e+01	0.0000e+00	0.0000e+00
	1919	1.0360e+03	0.0000e+00	1.2767e-15	6.3226e+01	0.0000e+00	0.0000e+00
364	2059	1.2743e+02	7.3286e-15	2.0968e-15	-1.4018e+02	0.0000e+00	0.0000e+00
	1920	-1.2743e+02	-7.3286e-15	-2.0968e-15	1.4018e+02	0.0000e+00	0.0000e+00
365	2042	1.1020e+03	1.2755e-14	2.3789e-15	-1.1750e+02	0.0000e+00	0.0000e+00
	1918	-1.1020e+03	-1.2755e-14	-2.3789e-15	1.1750e+02	0.0000e+00	0.0000e+00
366	2025	1.7447e+02	1.6210e-14	2.4946e-15	-4.9580e+01	0.0000e+00	0.0000e+00
	1917	-1.7447e+02	-1.6210e-14	-2.4946e-15	4.9580e+01	0.0000e+00	0.0000e+00
367	2008	-1.4289e+03	1.6301e-14	2.5240e-15	5.4630e+01	0.0000e+00	0.0000e+00
	2107	1.4289e+03	-1.6301e-14	-2.5240e-15	-5.4630e+01	0.0000e+00	0.0000e+00
368	1996	-5.2201e+01	1.2443e-14	2.6726e-15	1.3027e+02	0.0000e+00	0.0000e+00
	2080	5.2201e+01	-1.2443e-14	-2.6726e-15	-1.3027e+02	0.0000e+00	0.0000e+00
369	1919	-3.0145e+03	6.4116e-15	-3.0889e-15	1.5396e+02	0.0000e+00	0.0000e+00
	2079	3.0145e+03	-6.4116e-15	3.0889e-15	-1.5396e+02	0.0000e+00	0.0000e+00
370	2097	9.2692e+01	4.8337e-16	-3.7841e-15	9.1996e+00	0.0000e+00	0.0000e+00
	2039	-9.2692e+01	-4.8337e-16	3.7841e-15	-9.1996e+00	0.0000e+00	0.0000e+00
371	2098	-1.2382e+03	9.5460e-16	-3.8569e-15	3.0429e+01	0.0000e+00	0.0000e+00
	2056	1.2382e+03	-9.5460e-16	3.8569e-15	-3.0429e+01	0.0000e+00	0.0000e+00
372	2119	-1.6754e+03	0.0000e+00	-1.8505e-15	-1.2265e+01	0.0000e+00	0.0000e+00
	2098	1.6754e+03	0.0000e+00	1.8505e-15	1.2265e+01	0.0000e+00	0.0000e+00
373	2118	-1.2396e+02	0.0000e+00	-1.7949e-15	-3.2806e+00	0.0000e+00	0.0000e+00
	2097	1.2396e+02	0.0000e+00	1.7949e-15	3.2806e+00	0.0000e+00	0.0000e+00
374	2102	-1.1473e+03	0.0000e+00	0.0000e+00	3.7326e+00	0.0000e+00	0.0000e+00
	2119	1.1473e+03	0.0000e+00	0.0000e+00	-3.7326e+00	0.0000e+00	0.0000e+00
375	2101	-1.1374e+02	0.0000e+00	0.0000e+00	4.1670e+00	0.0000e+00	0.0000e+00

	2118	1.1374e+02	0.0000e+00	0.0000e+00	-4.1670e+00	0.0000e+00	0.0000e+00
376	2070	-6.6700e+02	0.0000e+00	-3.1830e-16	-1.6420e+00	0.0000e+00	0.0000e+00
	2102	6.6700e+02	0.0000e+00	3.1830e-16	1.6420e+00	0.0000e+00	0.0000e+00
377	2068	-8.1326e+01	0.0000e+00	-3.1538e-16	-1.9162e+00	0.0000e+00	0.0000e+00
	2101	8.1326e+01	0.0000e+00	3.1538e-16	1.9162e+00	0.0000e+00	0.0000e+00
378	2069	-2.3789e+02	-1.2088e-17	5.3455e-17	8.9894e-01	0.0000e+00	0.0000e+00
	2070	2.3789e+02	1.2088e-17	-5.3455e-17	-8.9894e-01	0.0000e+00	0.0000e+00
379	2067	-3.5516e+01	-2.5892e-18	5.5000e-17	9.1509e-01	0.0000e+00	0.0000e+00
	2068	3.5516e+01	2.5892e-18	-5.5000e-17	-9.1509e-01	0.0000e+00	0.0000e+00
380	2022	5.5899e+02	-4.1668e-15	2.1265e-15	8.9626e+01	0.0000e+00	0.0000e+00
	1926	-5.5899e+02	4.1668e-15	-2.1265e-15	-8.9626e+01	0.0000e+00	0.0000e+00
381	1993	1.9659e+02	-5.3151e-15	2.4753e-15	1.4587e+01	0.0000e+00	0.0000e+00
	1924	-1.9659e+02	5.3151e-15	-2.4753e-15	-1.4587e+01	0.0000e+00	0.0000e+00
382	1916	2.0129e+03	-4.2505e-15	2.3020e-15	-4.2555e+01	0.0000e+00	0.0000e+00
	1923	-2.0129e+03	4.2505e-15	-2.3020e-15	4.2555e+01	0.0000e+00	0.0000e+00
383	2086	1.2947e+02	-2.0966e-15	1.9124e-15	-6.1437e+01	0.0000e+00	0.0000e+00
	1922	-1.2947e+02	2.0966e-15	-1.9124e-15	6.1437e+01	0.0000e+00	0.0000e+00
384	2065	-1.7530e+03	0.0000e+00	9.9497e-16	-2.2981e+01	0.0000e+00	0.0000e+00
	2022	1.7530e+03	0.0000e+00	-9.9497e-16	2.2981e+01	0.0000e+00	0.0000e+00
385	2048	1.8048e+02	0.0000e+00	1.1117e-15	-1.7960e+00	0.0000e+00	0.0000e+00
	1993	-1.8048e+02	0.0000e+00	-1.1117e-15	1.7960e+00	0.0000e+00	0.0000e+00
386	2031	2.3021e+03	0.0000e+00	1.0051e-15	1.4736e+01	0.0000e+00	0.0000e+00
	1916	-2.3021e+03	0.0000e+00	-1.0051e-15	-1.4736e+01	0.0000e+00	0.0000e+00
387	2014	1.1523e+02	0.0000e+00	7.6986e-16	2.7037e+01	0.0000e+00	0.0000e+00
	2086	-1.1523e+02	0.0000e+00	-7.6986e-16	-2.7037e+01	0.0000e+00	0.0000e+00
388	2113	1.0102e+02	0.0000e+00	0.0000e+00	-3.5421e+00	0.0000e+00	0.0000e+00
	2014	-1.0102e+02	0.0000e+00	0.0000e+00	3.5421e+00	0.0000e+00	0.0000e+00
389	2114	1.5990e+03	0.0000e+00	0.0000e+00	-2.8218e+00	0.0000e+00	0.0000e+00
	2031	-1.5990e+03	0.0000e+00	0.0000e+00	2.8218e+00	0.0000e+00	0.0000e+00
390	2115	1.5722e+02	0.0000e+00	0.0000e+00	-1.8908e+00	0.0000e+00	0.0000e+00
	2048	-1.5722e+02	0.0000e+00	0.0000e+00	1.8908e+00	0.0000e+00	0.0000e+00
391	2117	-1.2380e+03	0.0000e+00	0.0000e+00	4.8781e+00	0.0000e+00	0.0000e+00
	2065	1.2380e+03	0.0000e+00	0.0000e+00	-4.8781e+00	0.0000e+00	0.0000e+00
392	2092	7.6387e+01	0.0000e+00	-2.8183e-16	5.3934e+00	0.0000e+00	0.0000e+00
	2113	-7.6387e+01	0.0000e+00	2.8183e-16	-5.3934e+00	0.0000e+00	0.0000e+00
393	2094	9.3920e+02	0.0000e+00	3.4469e-16	4.0236e+00	0.0000e+00	0.0000e+00
	2114	-9.3920e+02	0.0000e+00	-3.4469e-16	-4.0236e+00	0.0000e+00	0.0000e+00
394	2096	1.1869e+02	0.0000e+00	3.7404e-16	1.1289e+00	0.0000e+00	0.0000e+00
	2115	-1.1869e+02	0.0000e+00	-3.7404e-16	-1.1289e+00	0.0000e+00	0.0000e+00
395	2100	-7.3777e+02	0.0000e+00	3.2228e-16	-7.2531e+00	0.0000e+00	0.0000e+00
	2117	7.3777e+02	0.0000e+00	-3.2228e-16	7.2531e+00	0.0000e+00	0.0000e+00
396	2091	3.6120e+01	-3.4544e-17	4.4765e-17	-1.8874e+00	0.0000e+00	0.0000e+00
	2092	-3.6120e+01	3.4544e-17	-4.4765e-17	1.8874e+00	0.0000e+00	0.0000e+00
397	2093	3.0096e+02	-5.7151e-17	-5.1734e-17	-1.3631e+00	0.0000e+00	0.0000e+00
	2094	-3.0096e+02	5.7151e-17	5.1734e-17	1.3631e+00	0.0000e+00	0.0000e+00
398	2095	5.1799e+01	6.7657e-17	-5.4520e-17	-6.5332e-01	0.0000e+00	0.0000e+00
	2096	-5.1799e+01	-6.7657e-17	5.4520e-17	6.5332e-01	0.0000e+00	0.0000e+00
399	2099	-2.6608e+02	5.2921e-17	-4.7196e-17	3.0540e+00	0.0000e+00	0.0000e+00
	2100	2.6608e+02	-5.2921e-17	4.7196e-17	-3.0540e+00	0.0000e+00	0.0000e+00
400	2066	2.1808e+02	4.8204e-17	-4.3998e-17	2.7971e+00	0.0000e+00	0.0000e+00
	2099	-2.1808e+02	-4.8204e-17	4.3998e-17	-2.7971e+00	0.0000e+00	0.0000e+00
401	2049	6.8583e+02	0.0000e+00	3.1382e-16	-6.9694e+00	0.0000e+00	0.0000e+00
	2066	-6.8583e+02	0.0000e+00	-3.1382e-16	6.9694e+00	0.0000e+00	0.0000e+00
402	2064	2.7305e+01	6.1825e-17	-5.0741e-17	-6.3052e-01	0.0000e+00	0.0000e+00
	2095	-2.7305e+01	-6.1825e-17	5.0741e-17	6.3052e-01	0.0000e+00	0.0000e+00

403	2063	-3.0842e+02	-5.2716e-17	4.8325e-17	-1.1994e+00	0.0000e+00	0.0000e+00
	2093	3.0842e+02	5.2716e-17	-4.8325e-17	1.1994e+00	0.0000e+00	0.0000e+00
404	2062	3.3745e+01	-3.2907e-17	4.2157e-17	-1.6499e+00	0.0000e+00	0.0000e+00
	2091	-3.3745e+01	3.2907e-17	-4.2157e-17	1.6499e+00	0.0000e+00	0.0000e+00
405	2061	1.8480e+02	-2.0557e-17	3.9467e-17	-3.1139e-01	0.0000e+00	0.0000e+00
	2089	-1.8480e+02	2.0557e-17	-3.9467e-17	3.1139e-01	0.0000e+00	0.0000e+00
406	2060	5.3681e+01	-3.3563e-17	4.2433e-17	-1.0984e+00	0.0000e+00	0.0000e+00
	2087	-5.3681e+01	3.3563e-17	-4.2433e-17	1.0984e+00	0.0000e+00	0.0000e+00
407	2058	-8.5254e+01	-4.9479e-17	4.4616e-17	-8.9752e-01	0.0000e+00	0.0000e+00
	2083	8.5254e+01	4.9479e-17	-4.4616e-17	8.9752e-01	0.0000e+00	0.0000e+00
408	2057	-1.0389e+02	-5.7107e-17	4.5338e-17	-2.0132e-01	0.0000e+00	0.0000e+00
	2081	1.0389e+02	5.7107e-17	-4.5338e-17	2.0132e-01	0.0000e+00	0.0000e+00
409	2054	-1.5515e+02	-4.5073e-17	4.6435e-17	9.0230e-01	0.0000e+00	0.0000e+00
	2075	1.5515e+02	4.5073e-17	-4.6435e-17	-9.0230e-01	0.0000e+00	0.0000e+00
410	2052	1.6540e+02	-3.3329e-17	4.8048e-17	1.0648e+00	0.0000e+00	0.0000e+00
	2071	-1.6540e+02	3.3329e-17	-4.8048e-17	-1.0648e+00	0.0000e+00	0.0000e+00
411	2051	1.9588e+02	-1.1998e-17	5.2192e-17	9.0605e-01	0.0000e+00	0.0000e+00
	2069	-1.9588e+02	1.1998e-17	-5.2192e-17	-9.0605e-01	0.0000e+00	0.0000e+00
412	2050	3.2359e+01	-2.5435e-18	5.3891e-17	9.1331e-01	0.0000e+00	0.0000e+00
	2067	-3.2359e+01	2.5435e-18	-5.3891e-17	-9.1331e-01	0.0000e+00	0.0000e+00
413	2047	7.4029e+01	0.0000e+00	3.6306e-16	1.0327e+00	0.0000e+00	0.0000e+00
	2064	-7.4029e+01	0.0000e+00	-3.6306e-16	-1.0327e+00	0.0000e+00	0.0000e+00
414	2046	-9.5074e+02	0.0000e+00	3.3377e-16	3.9355e+00	0.0000e+00	0.0000e+00
	2063	9.5074e+02	0.0000e+00	-3.3377e-16	-3.9355e+00	0.0000e+00	0.0000e+00
415	2045	-7.0724e+01	0.0000e+00	2.7264e-16	5.1773e+00	0.0000e+00	0.0000e+00
	2062	7.0724e+01	0.0000e+00	-2.7264e-16	-5.1773e+00	0.0000e+00	0.0000e+00
416	2044	5.6659e+02	0.0000e+00	-2.4455e-16	8.3642e-01	0.0000e+00	0.0000e+00
	2061	-5.6659e+02	0.0000e+00	2.4455e-16	-8.3642e-01	0.0000e+00	0.0000e+00
417	2043	6.6321e+01	0.0000e+00	-2.6713e-16	2.4493e+00	0.0000e+00	0.0000e+00
	2060	-6.6321e+01	0.0000e+00	2.6713e-16	-2.4493e+00	0.0000e+00	0.0000e+00
418	2041	-3.1520e+02	0.0000e+00	-2.8425e-16	1.9745e+00	0.0000e+00	0.0000e+00
	2058	3.1520e+02	0.0000e+00	2.8425e-16	-1.9745e+00	0.0000e+00	0.0000e+00
419	2040	-2.3047e+02	0.0000e+00	-2.9138e-16	3.0505e-01	0.0000e+00	0.0000e+00
	2057	2.3047e+02	0.0000e+00	2.9138e-16	-3.0505e-01	0.0000e+00	0.0000e+00
420	2038	-8.8100e+02	0.0000e+00	-2.9692e-16	1.6461e+00	0.0000e+00	0.0000e+00
	2055	8.8100e+02	0.0000e+00	2.9692e-16	-1.6461e+00	0.0000e+00	0.0000e+00
421	2037	-2.3995e+02	0.0000e+00	-3.0239e-16	-2.1739e+00	0.0000e+00	0.0000e+00
	2054	2.3995e+02	0.0000e+00	3.0239e-16	2.1739e+00	0.0000e+00	0.0000e+00
422	2035	4.4492e+02	0.0000e+00	-3.1363e-16	-2.0952e+00	0.0000e+00	0.0000e+00
	2052	-4.4492e+02	0.0000e+00	3.1363e-16	2.0952e+00	0.0000e+00	0.0000e+00
423	2034	6.2683e+02	0.0000e+00	-3.2908e-16	-1.6263e+00	0.0000e+00	0.0000e+00
	2051	-6.2683e+02	0.0000e+00	3.2908e-16	1.6263e+00	0.0000e+00	0.0000e+00
424	2033	7.2363e+01	0.0000e+00	-3.2529e-16	-1.9171e+00	0.0000e+00	0.0000e+00
	2050	-7.2363e+01	0.0000e+00	3.2529e-16	1.9171e+00	0.0000e+00	0.0000e+00
425	2032	1.1764e+03	0.0000e+00	0.0000e+00	-3.4556e+00	0.0000e+00	0.0000e+00
	2049	-1.1764e+03	0.0000e+00	0.0000e+00	3.4556e+00	0.0000e+00	0.0000e+00
426	2030	-1.0299e+02	0.0000e+00	0.0000e+00	-1.8630e+00	0.0000e+00	0.0000e+00
	2047	1.0299e+02	0.0000e+00	0.0000e+00	1.8630e+00	0.0000e+00	0.0000e+00
427	2029	-1.6207e+03	0.0000e+00	0.0000e+00	-1.8936e+00	0.0000e+00	0.0000e+00
	2046	1.6207e+03	0.0000e+00	0.0000e+00	1.8936e+00	0.0000e+00	0.0000e+00
428	2028	-9.0130e+01	0.0000e+00	0.0000e+00	-2.0776e+00	0.0000e+00	0.0000e+00
	2045	9.0130e+01	0.0000e+00	0.0000e+00	2.0776e+00	0.0000e+00	0.0000e+00
429	2027	9.9038e+02	0.0000e+00	0.0000e+00	-1.7497e+00	0.0000e+00	0.0000e+00
	2044	-9.9038e+02	0.0000e+00	0.0000e+00	1.7497e+00	0.0000e+00	0.0000e+00
430	2026	9.8187e+01	0.0000e+00	0.0000e+00	-2.3407e+00	0.0000e+00	0.0000e+00

	2043	-9.8187e+01	0.0000e+00	0.0000e+00	2.3407e+00	0.0000e+00	0.0000e+00
431	2024	-6.7056e+02	0.0000e+00	0.0000e+00	-2.0889e+00	0.0000e+00	0.0000e+00
	2041	6.7056e+02	0.0000e+00	0.0000e+00	2.0889e+00	0.0000e+00	0.0000e+00
432	2023	-3.0868e+02	0.0000e+00	0.0000e+00	-6.8798e-01	0.0000e+00	0.0000e+00
	2040	3.0868e+02	0.0000e+00	0.0000e+00	6.8798e-01	0.0000e+00	0.0000e+00
433	2021	-1.5908e+03	0.0000e+00	0.0000e+00	-1.2334e+00	0.0000e+00	0.0000e+00
	2038	1.5908e+03	0.0000e+00	0.0000e+00	1.2334e+00	0.0000e+00	0.0000e+00
434	2020	-3.0507e+02	0.0000e+00	0.0000e+00	1.8912e+00	0.0000e+00	0.0000e+00
	2037	3.0507e+02	0.0000e+00	0.0000e+00	-1.8912e+00	0.0000e+00	0.0000e+00
435	2018	7.7461e+02	0.0000e+00	0.0000e+00	2.5436e+00	0.0000e+00	0.0000e+00
	2035	-7.7461e+02	0.0000e+00	0.0000e+00	-2.5436e+00	0.0000e+00	0.0000e+00
436	2017	1.1114e+03	0.0000e+00	0.0000e+00	3.8183e+00	0.0000e+00	0.0000e+00
	2034	-1.1114e+03	0.0000e+00	0.0000e+00	-3.8183e+00	0.0000e+00	0.0000e+00
437	2016	1.0477e+02	0.0000e+00	0.0000e+00	4.1522e+00	0.0000e+00	0.0000e+00
	2033	-1.0477e+02	0.0000e+00	0.0000e+00	-4.1522e+00	0.0000e+00	0.0000e+00
438	2015	1.6772e+03	0.0000e+00	9.1160e-16	-2.2967e+01	0.0000e+00	0.0000e+00
	2032	-1.6772e+03	0.0000e+00	-9.1160e-16	2.2967e+01	0.0000e+00	0.0000e+00
439	2013	1.1240e+02	0.0000e+00	1.0711e-15	-2.4788e+00	0.0000e+00	0.0000e+00
	2030	-1.1240e+02	0.0000e+00	-1.0711e-15	2.4788e+00	0.0000e+00	0.0000e+00
440	2012	-2.3390e+03	0.0000e+00	9.6384e-16	1.4227e+01	0.0000e+00	0.0000e+00
	2029	2.3390e+03	0.0000e+00	-9.6384e-16	-1.4227e+01	0.0000e+00	0.0000e+00
441	2011	-9.6807e+01	0.0000e+00	7.4794e-16	2.3126e+01	0.0000e+00	0.0000e+00
	2028	9.6807e+01	0.0000e+00	-7.4794e-16	-2.3126e+01	0.0000e+00	0.0000e+00
442	2010	1.4424e+03	0.0000e+00	6.1711e-16	4.0880e+01	0.0000e+00	0.0000e+00
	2027	-1.4424e+03	0.0000e+00	-6.1711e-16	-4.0880e+01	0.0000e+00	0.0000e+00
443	2009	1.1380e+02	0.0000e+00	7.2451e-16	5.3169e+01	0.0000e+00	0.0000e+00
	2026	-1.1380e+02	0.0000e+00	-7.2451e-16	-5.3169e+01	0.0000e+00	0.0000e+00
444	2007	-1.1217e+03	0.0000e+00	8.9346e-16	4.4787e+01	0.0000e+00	0.0000e+00
	2024	1.1217e+03	0.0000e+00	-8.9346e-16	-4.4787e+01	0.0000e+00	0.0000e+00
445	2006	-3.3924e+02	0.0000e+00	9.6756e-16	2.2036e+01	0.0000e+00	0.0000e+00
	2023	3.3924e+02	0.0000e+00	-9.6756e-16	-2.2036e+01	0.0000e+00	0.0000e+00
446	2004	-3.1602e+03	0.0000e+00	9.7659e-16	-2.0484e+01	0.0000e+00	0.0000e+00
	2021	3.1602e+03	0.0000e+00	-9.7659e-16	2.0484e+01	0.0000e+00	0.0000e+00
447	2003	-3.5054e+02	0.0000e+00	-1.0875e-15	-4.8910e+01	0.0000e+00	0.0000e+00
	2020	3.5054e+02	0.0000e+00	1.0875e-15	4.8910e+01	0.0000e+00	0.0000e+00
448	2001	1.1421e+03	-1.0654e-15	0.0000e+00	-5.8697e+01	0.0000e+00	0.0000e+00
	2018	-1.1421e+03	1.0654e-15	0.0000e+00	5.8697e+01	0.0000e+00	0.0000e+00
449	2000	1.6468e+03	1.6609e-16	0.0000e+00	-1.1343e+01	0.0000e+00	0.0000e+00
	2017	-1.6468e+03	-1.6609e-16	0.0000e+00	1.1343e+01	0.0000e+00	0.0000e+00
450	1999	1.1225e+02	7.6329e-17	0.0000e+00	5.6495e+00	0.0000e+00	0.0000e+00
	2016	-1.1225e+02	-7.6329e-17	0.0000e+00	-5.6495e+00	0.0000e+00	0.0000e+00
451	1982	2.1751e+03	-4.3866e-15	2.2145e-15	9.4305e+01	0.0000e+00	0.0000e+00
	2015	-2.1751e+03	4.3866e-15	-2.2145e-15	-9.4305e+01	0.0000e+00	0.0000e+00
452	1984	1.0136e+02	-5.6245e-15	2.5879e-15	1.6100e+01	0.0000e+00	0.0000e+00
	2013	-1.0136e+02	5.6245e-15	-2.5879e-15	-1.6100e+01	0.0000e+00	0.0000e+00
453	1985	9.9494e+02	-4.5455e-15	2.4131e-15	-4.4452e+01	0.0000e+00	0.0000e+00
	2012	-9.9494e+02	4.5455e-15	-2.4131e-15	4.4452e+01	0.0000e+00	0.0000e+00
454	1986	-9.8553e+01	-2.2734e-15	2.0010e-15	-6.4094e+01	0.0000e+00	0.0000e+00
	2011	9.8553e+01	2.2734e-15	-2.0010e-15	6.4094e+01	0.0000e+00	0.0000e+00
455	1998	1.1296e+03	1.9437e-15	1.8473e-15	-9.3313e+01	0.0000e+00	0.0000e+00
	2010	-1.1296e+03	-1.9437e-15	-1.8473e-15	9.3313e+01	0.0000e+00	0.0000e+00
456	1997	-5.7270e+01	6.8946e-15	2.1289e-15	-1.3036e+02	0.0000e+00	0.0000e+00
	2009	5.7270e+01	-6.8946e-15	-2.1289e-15	1.3036e+02	0.0000e+00	0.0000e+00
457	1995	-1.6247e+03	1.1940e-14	2.3906e-15	-1.0908e+02	0.0000e+00	0.0000e+00
	2007	1.6247e+03	-1.1940e-14	-2.3906e-15	1.0908e+02	0.0000e+00	0.0000e+00

458	1994	-2.5120e+02	1.5115e-14	2.5084e-15	-4.5880e+01	0.0000e+00	0.0000e+00
	2006	2.5120e+02	-1.5115e-14	-2.5084e-15	4.5880e+01	0.0000e+00	0.0000e+00
459	1992	-2.6868e+03	1.5047e-14	2.5447e-15	5.3328e+01	0.0000e+00	0.0000e+00
	2004	2.6868e+03	-1.5047e-14	-2.5447e-15	-5.3328e+01	0.0000e+00	0.0000e+00
460	1991	-3.1689e+02	1.1443e-14	2.6809e-15	1.2097e+02	0.0000e+00	0.0000e+00
	2003	3.1689e+02	-1.1443e-14	-2.6809e-15	-1.2097e+02	0.0000e+00	0.0000e+00
461	1989	-1.9663e+03	5.8869e-15	-3.0622e-15	1.4178e+02	0.0000e+00	0.0000e+00
	2001	1.9663e+03	-5.8869e-15	3.0622e-15	-1.4178e+02	0.0000e+00	0.0000e+00
462	1988	1.1912e+03	8.9693e-16	-3.7677e-15	2.7953e+01	0.0000e+00	0.0000e+00
	2000	-1.1912e+03	-8.9693e-16	3.7677e-15	-2.7953e+01	0.0000e+00	0.0000e+00
463	1987	3.9315e+01	4.5247e-16	-3.6993e-15	9.1249e+00	0.0000e+00	0.0000e+00
	1999	-3.9315e+01	-4.5247e-16	3.6993e-15	-9.1249e+00	0.0000e+00	0.0000e+00
464	1926	2.3410e+03	4.0267e+02	4.0734e+02	9.7384e+03	-6.0690e+04	5.9994e+04
	1981	-2.3410e+03	-4.0267e+02	-4.0734e+02	-9.7384e+03	0.0000e+00	0.0000e+00
465	1924	2.3619e+03	-4.4038e+01	-2.7205e+02	-1.4620e+03	-3.5029e+04	5.5974e+04
	1926	-2.3619e+03	4.4038e+01	2.7205e+02	1.4620e+03	6.1449e+04	-5.9905e+04
466	1923	2.3299e+03	-2.9043e+02	-6.0028e+02	-4.9649e+03	2.5743e+04	2.7233e+04
	1924	-2.3299e+03	2.9043e+02	6.0028e+02	4.9649e+03	3.4707e+04	-5.5960e+04
467	1922	-2.6958e+03	-3.8252e+02	1.2342e+02	-4.2878e+03	1.3939e+04	1.9660e+04
	1923	2.6958e+03	3.8252e+02	-1.2342e+02	4.2878e+03	-2.5864e+04	-2.7275e+04
468	1949	-2.5112e+03	1.0267e+03	-1.1718e+02	-7.7929e+02	2.2167e+04	8.3449e+04
	1922	2.5112e+03	-1.0267e+03	1.1718e+02	7.7929e+02	-1.4563e+04	-1.9675e+04
469	1921	-1.9827e+03	-4.8832e+02	7.2301e+02	-6.4312e+02	-6.4928e+03	6.4817e+04
	1949	1.9827e+03	4.8832e+02	-7.2301e+02	6.4312e+02	-2.2169e+04	-8.3449e+04
470	1920	-1.2280e+03	-5.4030e+02	7.5334e+01	-8.3506e+02	-6.4107e+03	-1.4689e+04
	1921	1.2280e+03	5.4030e+02	-7.5334e+01	8.3506e+02	6.4709e+03	-6.4891e+04
471	1918	-1.2585e+03	-4.1738e+02	-1.4959e+02	-1.3125e+03	9.8293e+03	-3.6002e+04
	1920	1.2585e+03	4.1738e+02	1.4959e+02	1.3125e+03	6.3302e+03	1.4744e+04
472	1917	-1.6483e+03	-2.2084e+02	1.6428e+02	-3.4586e+02	-6.6708e+03	-5.5803e+04
	1918	1.6483e+03	2.2084e+02	-1.6428e+02	3.4586e+02	-9.9106e+03	3.5890e+04
473	2107	-1.6470e+03	9.0615e+01	-1.2817e+02	-8.9132e+02	6.7260e+03	-6.0750e+04
	1917	1.6470e+03	-9.0615e+01	1.2817e+02	8.9132e+02	6.6200e+03	5.5757e+04
474	2080	-2.2918e+03	2.2931e+02	1.8846e+02	-1.9403e+02	-1.2040e+04	-3.8645e+04
	2107	2.2918e+03	-2.2931e+02	-1.8846e+02	1.9403e+02	-6.7821e+03	6.0800e+04
475	2079	-2.2375e+03	4.6977e+02	1.0505e+02	-1.4339e+03	-2.1882e+04	1.0583e+04
	2080	2.2375e+03	-4.6977e+02	-1.0505e+02	1.4339e+03	1.1955e+04	3.8772e+04
476	2056	1.1272e+03	-2.1013e+02	8.1214e+02	3.1762e+03	-1.9495e+04	3.9303e+04
	1959	-1.1272e+03	2.1013e+02	-8.1214e+02	-3.1762e+03	-5.0386e+04	-5.6452e+04
477	2039	8.1582e+02	-2.9298e+02	-1.0518e+02	1.8922e+03	-1.6101e+04	1.0608e+04
	2056	-8.1582e+02	2.9298e+02	1.0518e+02	-1.8922e+03	1.9662e+04	-3.9273e+04
478	1960	8.0388e+02	-3.1718e+02	-1.2835e+02	8.5877e+02	-1.2789e+04	4.1413e+03
	2039	-8.0388e+02	3.1718e+02	1.2835e+02	-8.5877e+02	1.6189e+04	-1.0617e+04
479	2022	-1.4550e+03	-2.5628e+02	4.1532e+02	9.7143e+03	-6.1878e+04	-3.8183e+04
	1980	1.4550e+03	2.5628e+02	-4.1532e+02	-9.7143e+03	0.0000e+00	0.0000e+00
480	1993	1.6024e+03	6.7843e+01	-3.1295e+02	-1.7233e+03	-3.2469e+04	-3.3236e+04
	2022	-1.6024e+03	-6.7843e+01	3.1295e+02	1.7233e+03	6.2613e+04	3.8077e+04
481	1916	1.5849e+03	1.7592e+02	-5.3445e+02	-4.9315e+03	2.1651e+04	-1.9074e+04
	1993	-1.5849e+03	-1.7592e+02	5.3445e+02	4.9315e+03	3.2139e+04	3.3222e+04
482	2086	8.1099e+02	3.1388e+02	7.7009e+01	-4.3611e+03	1.4620e+04	-2.7925e+04
	1916	-8.1099e+02	-3.1388e+02	-7.7009e+01	4.3611e+03	-2.1773e+04	1.9129e+04
483	1948	7.0286e+02	-5.0307e+02	-1.2211e+02	-6.9281e+02	2.2987e+04	-5.7865e+04
	2086	-7.0286e+02	5.0307e+02	1.2211e+02	6.9281e+02	-1.5241e+04	2.7952e+04
484	2085	4.0890e+02	3.7855e+02	7.1656e+02	-5.5275e+02	-4.8157e+03	-4.3589e+04
	1948	-4.0890e+02	-3.7855e+02	-7.1656e+02	5.5275e+02	-2.2989e+04	5.7865e+04
485	2059	9.2638e+02	3.8804e+02	4.2502e+01	-7.0598e+02	-5.3449e+03	1.4820e+04

	2085	-9.2638e+02	-3.8804e+02	-4.2502e+01	7.0598e+02	4.7956e+03	4.3703e+04
486	2042	9.5348e+02	3.0049e+02	-1.2406e+02	-1.1301e+03	8.1485e+03	3.0273e+04
	2059	-9.5348e+02	-3.0049e+02	1.2406e+02	1.1301e+03	5.2715e+03	-1.4831e+04
487	2025	1.5222e+03	2.5051e+02	1.3527e+02	-3.6629e+02	-5.6625e+03	5.1195e+04
	2042	-1.5222e+03	-2.5051e+02	-1.3527e+02	3.6629e+02	-8.2184e+03	-3.0124e+04
488	2008	1.5251e+03	-1.1748e+02	-1.2818e+02	-8.6679e+02	7.8198e+03	5.9836e+04
	2025	-1.5251e+03	1.1748e+02	1.2818e+02	8.6679e+02	5.6077e+03	-5.1129e+04
489	1996	-9.8979e+02	-2.9795e+02	2.2842e+02	-7.2937e+01	-1.5475e+04	3.2403e+04
	2008	9.8979e+02	2.9795e+02	-2.2842e+02	7.2937e+01	-7.8674e+03	-5.9907e+04
490	1919	-9.5522e+02	-3.4780e+02	4.8248e+01	-1.7170e+03	-1.5689e+04	-7.7363e+03
	1996	9.5522e+02	3.4780e+02	-4.8248e+01	1.7170e+03	1.5380e+04	-3.2574e+04
491	2098	-8.2416e+02	2.3423e+02	7.5129e+02	2.9692e+03	-1.7468e+04	-3.4225e+04
	1958	8.2416e+02	-2.3423e+02	-7.5129e+02	-2.9692e+03	-4.7052e+04	5.3505e+04
492	2097	2.1666e+02	2.7407e+02	-5.9923e+01	1.7991e+03	-1.5213e+04	-6.3216e+03
	2098	-2.1666e+02	-2.7407e+02	5.9923e+01	-1.7991e+03	1.7627e+04	3.4182e+04
493	1961	2.1665e+02	2.6971e+02	-1.2041e+02	7.7118e+02	-1.2116e+04	1.0759e+03
	2097	-2.1665e+02	-2.6971e+02	1.2041e+02	-7.7118e+02	1.5299e+04	6.3327e+03
494	2065	5.4813e+02	9.8565e+01	4.0255e+02	9.4444e+03	-5.9977e+04	1.4685e+04
	1979	-5.4813e+02	-9.8565e+01	-4.0255e+02	-9.4444e+03	0.0000e+00	0.0000e+00
495	2048	5.5243e+02	-6.5037e+00	-2.9536e+02	-1.6337e+03	-3.2039e+04	1.4049e+04
	2065	-5.5243e+02	6.5037e+00	2.9536e+02	1.6337e+03	6.0694e+04	-1.4687e+04
496	2031	5.4348e+02	-6.6008e+01	-4.8286e+02	-4.8187e+03	1.6887e+04	7.4103e+03
	2048	-5.4348e+02	6.6008e+01	4.8286e+02	4.8187e+03	3.1716e+04	-1.4048e+04
497	2014	5.3632e+02	-8.3759e+01	2.8199e+01	-4.3735e+03	1.4938e+04	-8.1816e+02
	2031	-5.3632e+02	8.3759e+01	-2.8199e+01	4.3735e+03	-1.7008e+04	-7.4087e+03
498	1947	4.9494e+02	-2.1355e+02	-1.4968e+02	-6.2444e+02	2.5081e+04	-1.4719e+04
	2014	-4.9494e+02	2.1355e+02	1.4968e+02	6.2444e+02	-1.5552e+04	8.0894e+02
499	2005	3.8186e+02	1.0828e+02	6.8398e+02	-4.7203e+02	1.5687e+03	-1.0542e+04
	1947	-3.8186e+02	-1.0828e+02	-6.8398e+02	4.7203e+02	-2.5083e+04	1.4719e+04
500	1983	3.8103e+02	9.3635e+01	5.5625e+01	-5.1298e+02	-6.7963e+03	-1.0209e+03
	2005	-3.8103e+02	-9.3635e+01	-5.5625e+01	5.1298e+02	-1.5558e+03	1.0508e+04
501	1925	3.8343e+02	5.3839e+01	-1.6142e+02	-1.1660e+03	1.0308e+04	4.4677e+03
	1983	-3.8343e+02	-5.3839e+01	1.6142e+02	1.1660e+03	6.7151e+03	9.7602e+02
502	2125	4.5139e+02	-3.0834e+01	1.3326e+02	-5.4426e+02	-3.3702e+03	1.4014e+03
	1925	-4.5139e+02	3.0834e+01	-1.3326e+02	5.4426e+02	-1.0359e+04	-4.5133e+03
503	2123	4.5767e+02	-1.4210e+01	-7.4220e+01	-7.0641e+02	6.0029e+03	-2.8972e+03
	2125	-4.5767e+02	1.4210e+01	7.4220e+01	7.0641e+02	3.3400e+03	-1.4247e+03
504	2122	3.5493e+01	-1.4073e+01	1.7630e+02	-2.9843e+02	-1.3843e+04	-1.5349e+03
	2123	-3.5493e+01	1.4073e+01	-1.7630e+02	2.9843e+02	-6.0370e+03	2.8846e+03
505	2120	2.8450e+01	-1.6478e+01	2.9875e+01	-1.7647e+03	-1.3533e+04	-5.1182e+02
	2122	-2.8450e+01	1.6478e+01	-2.9875e+01	1.7647e+03	1.3733e+04	1.4988e+03
506	2119	2.6842e+01	1.1014e+01	6.8171e+02	2.7479e+03	-1.3674e+04	-1.3617e+03
	1957	-2.6842e+01	-1.1014e+01	-6.8171e+02	-2.7479e+03	-4.4862e+04	2.3074e+03
507	2118	2.2232e+01	1.2094e+01	4.3822e+01	1.8294e+03	-1.6185e+04	-1.5719e+02
	2119	-2.2232e+01	-1.2094e+01	-4.3822e+01	-1.8294e+03	1.3827e+04	1.3730e+03
508	1962	1.8216e+01	1.3585e+01	-1.2992e+02	7.1832e+02	-1.2839e+04	2.4182e+02
	2118	-1.8216e+01	-1.3585e+01	1.2992e+02	-7.1832e+02	1.6273e+04	1.5567e+02
509	2117	-4.3691e+02	-7.8525e+01	3.9655e+02	9.3208e+03	-5.9082e+04	-1.1700e+04
	1978	4.3691e+02	7.8525e+01	-3.9655e+02	-9.3208e+03	0.0000e+00	0.0000e+00
510	2115	-4.4017e+02	5.3580e+00	-2.8645e+02	-1.5886e+03	-3.1928e+04	-1.1171e+04
	2117	4.4017e+02	-5.3580e+00	2.8645e+02	1.5886e+03	5.9791e+04	1.1697e+04
511	2114	-4.3288e+02	5.2873e+01	-4.6139e+02	-4.7702e+03	1.4840e+04	-5.8547e+03
	2115	4.3288e+02	-5.2873e+01	4.6139e+02	4.7702e+03	3.1610e+04	1.1172e+04
512	2113	-4.2707e+02	6.7066e+01	1.6528e+01	-4.3787e+03	1.5067e+04	7.2994e+02
	2114	4.2707e+02	-6.7066e+01	-1.6528e+01	4.3787e+03	-1.4960e+04	5.8575e+03

513	1946	-3.9400e+02	1.7042e+02	-1.6067e+02	-5.9672e+02	2.5931e+04	1.1827e+04
	2113	3.9400e+02	-1.7042e+02	1.6067e+02	5.9672e+02	-1.5679e+04	-7.2647e+02
514	2112	-3.0392e+02	-8.5961e+01	6.7063e+02	-4.3943e+02	8.4182e+02	8.5106e+03
	1946	3.0392e+02	8.5961e+01	-6.7063e+02	4.3943e+02	-2.5932e+04	-1.1827e+04
515	2111	-3.0325e+02	-7.4306e+01	7.2523e+01	-4.3623e+02	-7.2331e+03	9.8964e+02
	2112	3.0325e+02	7.4306e+01	-7.2523e+01	4.3623e+02	-8.4348e+02	-8.5096e+03
516	2109	-3.0515e+02	-4.2634e+01	-1.6464e+02	-1.1354e+03	1.0280e+04	3.3320e+03
	2111	3.0515e+02	4.2634e+01	1.6464e+02	1.1354e+03	7.1568e+03	-9.9021e+02
517	2108	-1.9678e+02	1.6567e+01	1.2141e+02	-5.9741e+02	-2.1086e+03	1.6625e+03
	2109	1.9678e+02	-1.6567e+01	-1.2141e+02	5.9741e+02	-1.0325e+04	-3.3314e+03
518	2106	-2.0168e+02	3.4281e+00	-6.0239e+01	-6.6203e+02	6.1531e+03	1.9800e+03
	2108	2.0168e+02	-3.4281e+00	6.0239e+01	6.6203e+02	2.0892e+03	-1.6628e+03
519	2105	2.7427e+01	1.1372e+01	1.5919e+02	-3.9134e+02	-1.3291e+04	9.0707e+02
	2106	-2.7427e+01	-1.1372e+01	-1.5919e+02	3.9134e+02	-6.1762e+03	-1.9808e+03
520	2103	2.1780e+01	1.3242e+01	2.4620e+01	-1.7893e+03	-1.2656e+04	6.3462e+02
	2105	-2.1780e+01	-1.3242e+01	-2.4620e+01	1.7893e+03	1.3176e+04	-9.0785e+02
521	2102	2.1350e+01	-9.9473e+00	6.5344e+02	2.6560e+03	-1.2127e+04	1.2351e+03
	1956	-2.1350e+01	9.9473e+00	-6.5344e+02	-2.6560e+03	-4.3982e+04	-2.0893e+03
522	2101	1.7865e+01	-1.0827e+01	5.1751e+01	1.8406e+03	-1.6567e+04	1.3999e+02
	2102	-1.7865e+01	1.0827e+01	-5.1751e+01	-1.8406e+03	1.2277e+04	-1.2379e+03
523	1963	-1.4920e+01	-1.1955e+01	-1.3365e+02	6.9743e+02	-1.3123e+04	1.8464e+02
	2101	1.4920e+01	1.1955e+01	1.3365e+02	-6.9743e+02	1.6654e+04	-1.4391e+02
524	2100	1.1791e+02	2.1371e+01	3.9083e+02	9.2083e+03	-5.8229e+04	3.1841e+03
	1977	-1.1791e+02	-2.1371e+01	-3.9083e+02	-9.2083e+03	0.0000e+00	0.0000e+00
525	2099	2.5653e+01	4.6047e+00	3.8903e+02	9.1772e+03	-5.7961e+04	6.8606e+02
	1976	-2.5653e+01	-4.6047e+00	-3.8903e+02	-9.1772e+03	0.0000e+00	0.0000e+00
526	2096	1.1877e+02	-1.3275e+00	-2.7726e+02	-1.5407e+03	-3.1904e+04	3.0585e+03
	2100	-1.1877e+02	1.3275e+00	2.7726e+02	1.5407e+03	5.8933e+04	-3.1880e+03
527	2095	2.5931e+01	-3.0403e-01	-2.7376e+02	-1.5212e+03	-3.1958e+04	6.6319e+02
	2099	-2.5931e+01	3.0403e-01	2.7376e+02	1.5212e+03	5.8664e+04	-6.8651e+02
528	2094	1.1674e+02	-1.4191e+01	-4.4301e+02	-4.7263e+03	1.3020e+04	1.6323e+03
	2096	-1.1674e+02	1.4191e+01	4.4301e+02	4.7263e+03	3.1590e+04	-3.0590e+03
529	2093	2.5617e+01	-2.9748e+00	-4.3921e+02	-4.7145e+03	1.2588e+04	3.6810e+02
	2095	-2.5617e+01	2.9748e+00	4.3921e+02	4.7145e+03	3.1645e+04	-6.6326e+02
530	2092	1.1509e+02	-1.8082e+01	2.5706e+01	-4.3828e+03	1.5172e+04	-1.4682e+02
	2094	-1.1509e+02	1.8082e+01	-2.5706e+01	4.3828e+03	-1.3140e+04	-1.6303e+03
531	2091	2.5378e+01	-3.7458e+00	2.9491e+01	-4.3825e+03	1.5188e+04	-7.4279e+01
	2093	-2.5378e+01	3.7458e+00	-2.9491e+01	4.3825e+03	-1.2708e+04	-3.6788e+02
532	1945	1.0605e+02	-4.5976e+01	-1.7070e+02	-5.7389e+02	2.6698e+04	-3.1437e+03
	2092	-1.0605e+02	4.5976e+01	1.7070e+02	5.7389e+02	-1.5782e+04	1.4927e+02
533	1944	2.3558e+01	-9.8639e+00	-1.7346e+02	-5.6909e+02	2.6902e+04	-6.5317e+02
	2091	-2.3558e+01	9.8639e+00	1.7346e+02	5.6909e+02	-1.5798e+04	7.4260e+01
534	2090	8.1717e+01	2.3302e+01	6.5830e+02	-4.1226e+02	1.5644e+03	-2.2447e+03
	1945	-8.1717e+01	-2.3302e+01	-6.5830e+02	4.1226e+02	-2.6699e+04	3.1437e+03
535	2089	1.8326e+01	5.0406e+00	6.5502e+02	-4.0628e+02	1.8635e+03	-4.6054e+02
	1944	-1.8326e+01	-5.0406e+00	-6.5502e+02	4.0628e+02	-2.6903e+04	6.5317e+02
536	2088	8.1407e+01	2.0123e+01	8.6670e+01	-3.7025e+02	-7.4460e+03	-2.0669e+02
	2090	-8.1407e+01	-2.0123e+01	-8.6670e+01	3.7025e+02	-1.5749e+03	2.2451e+03
537	2087	1.8359e+01	4.3620e+00	8.8929e+01	-3.5434e+02	-7.3377e+03	-7.4663e+01
	2089	-1.8359e+01	-4.3620e+00	-8.8929e+01	3.5434e+02	-1.8741e+03	4.6059e+02
538	2084	8.1796e+01	1.1598e+01	-1.6151e+02	-1.0891e+03	9.8915e+03	9.6809e+02
	2088	-8.1796e+01	-1.1598e+01	1.6151e+02	1.0891e+03	7.3752e+03	2.0552e+02
539	2083	1.8556e+01	2.4643e+00	-1.5532e+02	-1.0606e+03	9.4506e+03	2.4687e+02
	2087	-1.8556e+01	-2.4643e+00	1.5532e+02	1.0606e+03	7.2693e+03	7.4582e+01
540	2082	1.5645e+02	-9.1860e+00	1.0799e+02	-6.3722e+02	-1.0194e+03	1.3894e+02

	2084	-1.5645e+02	9.1860e+00	-1.0799e+02	6.3722e+02	-9.9308e+03	-9.6884e+02
541	2081	1.6067e+02	8.3103e+00	9.9223e+01	-6.4741e+02	5.6215e+02	6.9463e+02
	2083	-1.6067e+02	-8.3103e+00	-9.9223e+01	6.4741e+02	-9.4879e+03	-2.4677e+02
542	2078	1.5801e+02	-6.5659e+00	-5.8764e+01	-6.4036e+02	6.5875e+03	-6.7794e+02
	2082	-1.5801e+02	6.5659e+00	5.8764e+01	6.4036e+02	-1.0175e+03	-1.3913e+02
543	2077	1.6074e+02	-7.6179e+00	-6.2569e+01	-6.4285e+02	6.8448e+03	1.4228e+02
	2081	-1.6074e+02	7.6179e+00	6.2569e+01	6.4285e+02	-5.6736e+02	-6.9463e+02
544	2076	-8.7732e+00	-3.0274e+00	1.4824e+02	-4.6029e+02	-1.2921e+04	-4.2673e+02
	2078	8.7732e+00	3.0274e+00	-1.4824e+02	4.6029e+02	-6.6026e+03	6.7697e+02
545	2075	-8.5498e-01	-6.7444e-01	1.4627e+02	-4.8189e+02	-1.2770e+04	-8.9556e+01
	2077	8.5498e-01	6.7444e-01	-1.4627e+02	4.8189e+02	-6.8580e+03	-1.4231e+02
546	2072	-7.1253e+00	-3.5827e+00	2.2038e+01	-1.8122e+03	-1.1950e+04	-2.6105e+02
	2076	7.1253e+00	3.5827e+00	-2.2038e+01	1.8122e+03	1.2802e+04	4.2587e+02
547	2071	-6.4315e-01	-7.2692e-01	1.9794e+01	-1.8126e+03	-1.1869e+04	-7.2516e+01
	2075	6.4315e-01	7.2692e-01	-1.9794e+01	1.8126e+03	1.2650e+04	8.9543e+01
548	2070	6.1889e+00	2.4526e+00	6.2953e+02	2.5770e+03	-1.0801e+04	-3.0078e+02
	1955	-6.1889e+00	-2.4526e+00	-6.2953e+02	-2.5770e+03	-4.3257e+04	5.1136e+02
549	2069	-8.3150e-01	5.8923e-01	6.2391e+02	2.5589e+03	-1.0459e+04	-7.3016e+01
	1954	8.3150e-01	-5.8923e-01	-6.2391e+02	-2.5589e+03	-4.3117e+04	1.2361e+02
550	2068	5.0268e+00	2.6248e+00	6.3242e+01	1.8504e+03	-1.6890e+04	-4.5822e+01
	2070	-5.0268e+00	-2.6248e+00	-6.3242e+01	-1.8504e+03	1.0949e+04	3.0199e+02
551	2067	-7.3646e-01	6.1007e-01	6.7197e+01	1.8552e+03	-1.7005e+04	-1.0949e+01
	2069	7.3646e-01	-6.1007e-01	-6.7197e+01	-1.8552e+03	1.0606e+04	7.3033e+01
552	1964	4.0057e+00	2.9032e+00	-1.3679e+02	6.8064e+02	-1.3364e+04	-6.1322e+01
	2068	-4.0057e+00	-2.9032e+00	1.3679e+02	-6.8064e+02	1.6978e+04	4.8286e+01
553	1965	-6.5928e-01	6.3705e-01	-1.3788e+02	6.7712e+02	-1.3450e+04	-5.8586e+00
	2067	6.5928e-01	-6.3705e-01	1.3788e+02	-6.7712e+02	1.7092e+04	1.0948e+01
554	2066	-8.0437e+01	-1.4365e+01	3.9001e+02	9.2051e+03	-5.8108e+04	-2.1403e+03
	1975	8.0437e+01	1.4365e+01	-3.9001e+02	-9.2051e+03	0.0000e+00	0.0000e+00
555	2064	-8.0800e+01	1.2577e+00	-2.7410e+02	-1.5206e+03	-3.2080e+04	-2.0204e+03
	2066	8.0800e+01	-1.2577e+00	2.7410e+02	1.5206e+03	5.8813e+04	2.1444e+03
556	2063	-7.9166e+01	1.0162e+01	-4.4599e+02	-4.7258e+03	1.3150e+04	-9.9870e+02
	2064	7.9166e+01	-1.0162e+01	4.4599e+02	4.7258e+03	3.1766e+04	2.0206e+03
557	2062	-7.7808e+01	1.2933e+01	2.4541e+01	-4.3790e+03	1.5142e+04	2.7454e+02
	2063	7.7808e+01	-1.2933e+01	-2.4541e+01	4.3790e+03	-1.3269e+04	9.9603e+02
558	1943	-7.1285e+01	3.1859e+01	-1.7126e+02	-5.7701e+02	2.6717e+04	2.3527e+03
	2062	7.1285e+01	-3.1859e+01	1.7126e+02	5.7701e+02	-1.5752e+04	-2.7793e+02
559	2061	-5.4392e+01	-1.6145e+01	6.5757e+02	-4.1520e+02	1.6398e+03	1.7300e+03
	1943	5.4392e+01	1.6145e+01	-6.5757e+02	4.1520e+02	-2.6718e+04	-2.3527e+03
560	2060	-5.3953e+01	-1.3957e+01	8.4340e+01	-3.7184e+02	-7.1388e+03	3.1794e+02
	2061	5.3953e+01	1.3957e+01	-8.4340e+01	3.7184e+02	-1.6502e+03	-1.7305e+03
561	2058	-5.3946e+01	-8.2377e+00	-1.5103e+02	-1.0583e+03	9.2139e+03	5.2124e+02
	2060	5.3946e+01	8.2377e+00	1.5103e+02	1.0583e+03	7.0697e+03	-3.1656e+02
562	2057	2.1336e+02	1.0205e+01	9.6695e+01	-6.4201e+02	6.1580e+02	1.5451e+03
	2058	-2.1336e+02	-1.0205e+01	-9.6695e+01	6.4201e+02	-9.2522e+03	-5.2185e+02
563	2055	2.1202e+02	-1.0889e+01	-6.4829e+01	-6.5819e+02	6.9021e+03	4.3514e+02
	2057	-2.1202e+02	1.0889e+01	6.4829e+01	6.5819e+02	-5.9848e+02	-1.5449e+03
564	2054	-8.5890e+00	2.0549e+00	1.4918e+02	-4.7461e+02	-1.2704e+04	2.6685e+02
	2055	8.5890e+00	-2.0549e+00	-1.4918e+02	4.7461e+02	-6.9171e+03	-4.3432e+02
565	2052	-7.0525e+00	2.6860e+00	1.6702e+01	-1.7935e+03	-1.2269e+04	1.9535e+02
	2054	7.0525e+00	-2.6860e+00	-1.6702e+01	1.7935e+03	1.2585e+04	-2.6604e+02
566	2051	-6.1659e+00	-2.0923e+00	6.3093e+02	2.5840e+03	-1.0788e+04	2.5900e+02
	1953	6.1659e+00	2.0923e+00	-6.3093e+02	-2.5840e+03	-4.3389e+04	-4.3864e+02
567	2050	-5.0275e+00	-2.3547e+00	6.5458e+01	1.8582e+03	-1.7000e+04	2.5931e+01
	2051	5.0275e+00	2.3547e+00	-6.5458e+01	-1.8582e+03	1.0936e+04	-2.5937e+02

568	1966	-4.0067e+00	-2.7288e+00	-1.3777e+02	6.8301e+02	-1.3447e+04	-5.9558e+01
	2050	4.0067e+00	2.7288e+00	1.3777e+02	-6.8301e+02	1.7088e+04	-2.8118e+01
569	2049	3.9893e+02	7.1000e+01	3.9463e+02	9.3141e+03	-5.8796e+04	1.0578e+04
	1974	-3.9893e+02	-7.1000e+01	-3.9463e+02	-9.3141e+03	0.0000e+00	0.0000e+00
570	2047	4.0166e+02	-5.6663e+00	-2.7889e+02	-1.5401e+03	-3.2347e+04	1.0018e+04
	2049	-4.0166e+02	5.6663e+00	2.7889e+02	1.5401e+03	5.9510e+04	-1.0575e+04
571	2046	3.9481e+02	-4.9103e+01	-4.6856e+02	-4.7690e+03	1.5153e+04	5.0811e+03
	2047	-3.9481e+02	4.9103e+01	4.6856e+02	4.7690e+03	3.2030e+04	-1.0019e+04
572	2045	3.8939e+02	-6.2110e+01	1.6453e+01	-4.3694e+03	1.4991e+04	-1.0144e+03
	2046	-3.8939e+02	6.2110e+01	-1.6453e+01	4.3694e+03	-1.5273e+04	-5.0848e+03
573	1942	3.5891e+02	-1.5635e+02	-1.6232e+02	-6.0480e+02	2.5994e+04	-1.1195e+04
	2045	-3.5891e+02	1.5635e+02	1.6232e+02	6.0480e+02	-1.5603e+04	1.0099e+03
574	2044	2.7635e+02	7.8578e+01	6.6856e+02	-4.4697e+02	9.9535e+02	-8.1634e+03
	1942	-2.7635e+02	-7.8578e+01	-6.6856e+02	4.4697e+02	-2.5995e+04	1.1195e+04
575	2043	2.7565e+02	6.7946e+01	7.0111e+01	-4.3931e+02	-6.7954e+03	-1.2749e+03
	2044	-2.7565e+02	-6.7946e+01	-7.0111e+01	4.3931e+02	-9.9876e+02	8.1618e+03
576	2041	2.7723e+02	3.9121e+01	-1.4901e+02	-1.0925e+03	9.2507e+03	2.6765e+03
	2043	-2.7723e+02	-3.9121e+01	1.4901e+02	1.0925e+03	6.7214e+03	1.2750e+03
577	2040	4.7623e+02	-1.8201e+01	1.0528e+02	-6.1387e+02	-1.6017e+03	4.5088e+03
	2041	-4.7623e+02	1.8201e+01	-1.0528e+02	6.1387e+02	-9.2947e+03	-2.6764e+03
578	2038	4.7133e+02	-2.8898e+01	-6.5210e+01	-6.9203e+02	6.5367e+03	-1.5380e+03
	2040	-4.7133e+02	2.8898e+01	6.5210e+01	6.9203e+02	1.5695e+03	-4.5093e+03
579	2037	-2.8535e+01	-1.0603e+01	1.5838e+02	-4.1355e+02	-1.2780e+04	-5.8532e+02
	2038	2.8535e+01	1.0603e+01	-1.5838e+02	4.1355e+02	-6.5603e+03	1.5386e+03
580	2035	-2.2831e+01	-1.2578e+01	1.8745e+01	-1.7454e+03	-1.3428e+04	-8.9387e+02
	2037	2.2831e+01	1.2578e+01	-1.8745e+01	1.7454e+03	1.2667e+04	5.8598e+02
581	2034	-2.2500e+01	1.1051e+01	6.5710e+02	2.6735e+03	-1.2120e+04	-1.3705e+03
	1952	2.2500e+01	-1.1051e+01	-6.5710e+02	-2.6735e+03	-4.4305e+04	2.3194e+03
582	2033	-1.8931e+01	1.1938e+01	5.7834e+01	1.8592e+03	-1.6824e+04	-1.6228e+02
	2034	1.8931e+01	-1.1938e+01	-5.7834e+01	-1.8592e+03	1.2271e+04	1.3736e+03
583	1967	1.5928e+01	1.3076e+01	-1.3596e+02	7.0367e+02	-1.3318e+04	-1.9160e+02
	2033	-1.5928e+01	-1.3076e+01	1.3596e+02	-7.0367e+02	1.6912e+04	1.6673e+02
584	2032	4.6751e+02	8.3085e+01	3.9972e+02	9.4344e+03	-5.9555e+04	1.2379e+04
	1973	-4.6751e+02	-8.3085e+01	-3.9972e+02	-9.4344e+03	0.0000e+00	0.0000e+00
585	2030	4.7065e+02	-6.8019e+00	-2.8418e+02	-1.5620e+03	-3.2650e+04	1.1725e+04
	2032	-4.7065e+02	6.8019e+00	2.8418e+02	1.5620e+03	6.0277e+04	-1.2393e+04
586	2029	4.6248e+02	-5.7778e+01	-4.9344e+02	-4.8168e+03	1.7352e+04	5.9164e+03
	2030	-4.6248e+02	5.7778e+01	4.9344e+02	4.8168e+03	3.2330e+04	-1.1726e+04
587	2028	4.5594e+02	-7.3134e+01	3.2129e+01	-4.3593e+03	1.4820e+04	-1.2747e+03
	2029	-4.5594e+02	7.3134e+01	-3.2129e+01	4.3593e+03	-1.7473e+04	-5.9088e+03
588	1941	4.1988e+02	-1.8356e+02	-1.5237e+02	-6.3732e+02	2.5185e+04	-1.3238e+04
	2028	-4.1988e+02	1.8356e+02	1.5237e+02	6.3732e+02	-1.5435e+04	1.2804e+03
589	2027	3.2273e+02	9.2825e+01	6.8068e+02	-4.8404e+02	1.5004e+03	-9.6572e+03
	1941	-3.2273e+02	-9.2825e+01	-6.8068e+02	4.8404e+02	-2.5187e+04	1.3238e+04
590	2026	3.2162e+02	8.0312e+01	5.5350e+01	-5.1752e+02	-6.4559e+03	1.5030e+03
	2027	-3.2162e+02	-8.0312e+01	-5.5350e+01	5.1752e+02	-1.4892e+03	9.6437e+03
591	2024	3.2316e+02	4.6591e+01	-1.4778e+02	-1.1343e+03	9.3756e+03	3.2313e+03
	2026	-3.2316e+02	-4.6591e+01	1.4778e+02	1.1343e+03	6.3765e+03	-1.4735e+03
592	2023	7.5785e+02	3.2272e+01	1.1912e+02	-5.7387e+02	-2.9056e+03	6.5168e+03
	2024	-7.5785e+02	-3.2272e+01	-1.1912e+02	5.7387e+02	-9.4265e+03	-3.2627e+03
593	2021	7.5175e+02	-4.2629e+01	-7.3197e+01	-7.3521e+02	6.1907e+03	2.1285e+03
	2023	-7.5175e+02	4.2629e+01	7.3197e+01	7.3521e+02	2.8691e+03	-6.5377e+03
594	2020	-3.7737e+01	1.2182e+01	1.7000e+02	-3.2914e+02	-1.3003e+04	9.5399e+02
	2021	3.7737e+01	-1.2182e+01	-1.7000e+02	3.2914e+02	-6.2256e+03	-2.1270e+03
595	2018	-3.0550e+01	1.4878e+01	2.8294e+01	-1.7000e+03	-1.4686e+04	7.0364e+02

	2020	3.0550e+01	-1.4878e+01	-2.8294e+01	1.7000e+03	1.2895e+04	-9.3582e+02
596	2017	-2.8817e+01	-1.1847e+01	6.8765e+02	2.7752e+03	-1.3707e+04	1.4705e+03
	1951	2.8817e+01	1.1847e+01	-6.8765e+02	-2.7752e+03	-4.5351e+04	-2.4878e+03
597	2016	-2.3960e+01	-1.3089e+01	5.3809e+01	1.8564e+03	-1.6551e+04	1.5401e+02
	2017	2.3960e+01	1.3089e+01	-5.3809e+01	-1.8564e+03	1.3861e+04	-1.4787e+03
598	1968	-1.9719e+01	-1.4759e+01	-1.3322e+02	7.2855e+02	-1.3117e+04	-2.5643e+02
	2016	1.9719e+01	1.4759e+01	1.3322e+02	-7.2855e+02	1.6639e+04	-1.5004e+02
599	2015	1.4788e+03	2.6026e+02	4.1071e+02	9.7032e+03	-6.1192e+04	3.8776e+04
	1972	-1.4788e+03	-2.6026e+02	-4.1071e+02	-9.7032e+03	0.0000e+00	0.0000e+00
600	2013	1.4894e+03	-2.8190e+01	-2.9451e+02	-1.6017e+03	-3.3453e+04	3.6496e+04
	2015	-1.4894e+03	2.8190e+01	2.9451e+02	1.6017e+03	6.1935e+04	-3.8661e+04
601	2012	1.4648e+03	-1.8450e+02	-5.5196e+02	-4.9250e+03	2.2439e+04	1.8608e+04
	2013	-1.4648e+03	1.8450e+02	5.5196e+02	4.9250e+03	3.3127e+04	-3.6480e+04
602	2011	-1.7520e+03	-2.3989e+02	8.5732e+01	-4.3347e+03	1.4404e+04	1.7357e+04
	2012	1.7520e+03	2.3989e+02	-8.5732e+01	4.3347e+03	-2.2561e+04	-1.8666e+04
603	1940	-1.6348e+03	6.5413e+02	-1.2957e+02	-7.1703e+02	2.3314e+04	5.7136e+04
	2011	1.6348e+03	-6.5413e+02	1.2957e+02	7.1703e+02	-1.5025e+04	-1.7385e+04
604	2010	-1.3070e+03	-3.0300e+02	7.0827e+02	-5.7452e+02	-4.2180e+03	4.6076e+04
	1940	1.3070e+03	3.0300e+02	-7.0827e+02	5.7452e+02	-2.3316e+04	-5.7136e+04
605	2009	-5.4296e+02	-3.7474e+02	3.4489e+01	-7.0618e+02	-5.8092e+03	-1.4942e+04
	2010	5.4296e+02	3.7474e+02	-3.4489e+01	7.0618e+02	4.1979e+03	-4.6171e+04
606	2007	-5.6437e+02	-3.1885e+02	-1.4755e+02	-1.2340e+03	9.9843e+03	-2.9955e+04
	2009	5.6437e+02	3.1885e+02	1.4755e+02	1.2340e+03	5.7204e+03	1.4993e+04
607	2006	-1.5672e+03	-2.3146e+02	1.6760e+02	-4.7418e+02	-6.9024e+03	-4.7162e+04
	2007	1.5672e+03	2.3146e+02	-1.6760e+02	4.7418e+02	-1.0049e+04	2.9826e+04
608	2004	-1.5674e+03	1.1980e+02	-1.3653e+02	-9.0233e+02	7.6201e+03	-5.2770e+04
	2006	1.5674e+03	-1.1980e+02	1.3653e+02	9.0233e+02	6.8596e+03	4.7106e+04
609	2003	-2.0941e+03	1.9315e+02	2.2189e+02	-1.2899e+02	-1.4499e+04	-3.4913e+04
	2004	2.0941e+03	-1.9315e+02	-2.2189e+02	1.2899e+02	-7.6723e+03	5.2833e+04
610	2001	-2.0461e+03	4.0809e+02	6.4516e+01	-1.6184e+03	-1.7596e+04	1.0580e+04
	2003	2.0461e+03	-4.0809e+02	-6.4516e+01	1.6184e+03	1.4409e+04	3.5074e+04
611	2000	1.1082e+03	-1.6455e+02	7.6270e+02	3.0180e+03	-1.7649e+04	3.4039e+04
	1950	-1.1082e+03	1.6455e+02	-7.6270e+02	-3.0180e+03	-4.7894e+04	-4.7201e+04
612	1999	8.3694e+02	-2.4907e+02	-7.3463e+01	1.8425e+03	-1.5793e+04	9.9175e+03
	2000	-8.3694e+02	2.4907e+02	7.3463e+01	-1.8425e+03	1.7810e+04	-3.3999e+04
613	1969	8.2454e+02	-2.8080e+02	-1.2565e+02	7.9059e+02	-1.2555e+04	4.2750e+03
	1999	-8.2454e+02	2.8080e+02	1.2565e+02	-7.9059e+02	1.5880e+04	-9.9313e+03
614	1982	-2.3365e+03	-4.1126e+02	4.2815e+02	9.8926e+03	-6.3791e+04	-6.1274e+04
	1971	2.3365e+03	4.1126e+02	-4.2815e+02	-9.8926e+03	0.0000e+00	0.0000e+00
615	1984	2.6859e+03	6.7890e+01	-3.4520e+02	-1.9196e+03	-3.1401e+04	-5.7780e+04
	1982	-2.6859e+03	-6.7890e+01	3.4520e+02	1.9196e+03	6.4525e+04	6.1179e+04
616	1985	2.6577e+03	2.9074e+02	-5.3475e+02	-4.9869e+03	2.2744e+04	-3.0065e+04
	1984	-2.6577e+03	-2.9074e+02	5.3475e+02	4.9869e+03	3.1062e+04	5.7764e+04
617	1986	1.8775e+03	4.6318e+02	9.1456e+01	-4.3916e+03	1.4802e+04	-2.5968e+04
	1985	-1.8775e+03	-4.6318e+02	-9.1456e+01	4.3916e+03	-2.2866e+04	3.0109e+04
618	1938	1.6958e+03	-9.0983e+02	-1.1632e+02	-7.0172e+02	2.2344e+04	-8.1537e+04
	1986	-1.6958e+03	9.0983e+02	1.1632e+02	7.0172e+02	-1.5424e+04	2.5973e+04
619	1998	1.1924e+03	5.4999e+02	7.2905e+02	-5.6712e+02	-5.8497e+03	-6.0540e+04
	1938	-1.1924e+03	-5.4999e+02	-7.2905e+02	5.6712e+02	-2.2346e+04	8.1537e+04
620	1997	1.5052e+03	5.2448e+02	3.2021e+01	-7.4643e+02	-4.4837e+03	1.6719e+04
	1998	-1.5052e+03	-5.2448e+02	-3.2021e+01	7.4643e+02	5.8294e+03	6.0602e+04
621	1995	1.5388e+03	3.7102e+02	-1.1061e+02	-1.0794e+03	7.6550e+03	3.4603e+04
	1997	-1.5388e+03	-3.7102e+02	1.1061e+02	1.0794e+03	4.4154e+03	-1.6731e+04
622	1994	2.1072e+03	2.4117e+02	1.6162e+02	-3.3440e+02	-8.6183e+03	5.5149e+04
	1995	-2.1072e+03	-2.4117e+02	-1.6162e+02	3.3440e+02	-7.7235e+03	-3.4500e+04

623	1992	2.1041e+03	-6.0215e+01	-2.0756e+02	-1.1004e+03	1.2943e+04	5.6962e+04
	1994	-2.1041e+03	6.0215e+01	2.0756e+02	1.1004e+03	8.5543e+03	-5.5108e+04
624	1991	-9.8654e+02	-2.9471e+02	3.3238e+02	3.5444e+02	-1.9982e+04	2.9700e+04
	1992	9.8654e+02	2.9471e+02	-3.3238e+02	-3.5444e+02	-1.2985e+04	-5.7010e+04
625	1989	-9.5312e+02	-3.3945e+02	-1.1675e+02	-1.8385e+03	-1.4351e+04	-7.7501e+03
	1991	9.5312e+02	3.3945e+02	1.1675e+02	1.8385e+03	1.9900e+04	-2.9811e+04
626	1988	-8.5747e+02	2.3851e+02	7.6922e+02	3.0245e+03	-1.9279e+04	-3.4215e+04
	1939	8.5747e+02	-2.3851e+02	-7.6922e+02	-3.0245e+03	-4.6772e+04	5.3773e+04
627	1987	2.1238e+02	2.7319e+02	-6.8789e+01	1.7314e+03	-1.4190e+04	-6.4100e+03
	1988	-2.1238e+02	-2.7319e+02	6.8789e+01	-1.7314e+03	1.9438e+04	3.4187e+04
628	1970	2.1520e+02	2.6738e+02	-1.1077e+02	7.5854e+02	-1.1349e+04	8.7655e+02
	1987	-2.1520e+02	-2.6738e+02	1.1077e+02	-7.5854e+02	1.4275e+04	6.4178e+03
629	1910	0.0000e+00	-4.5428e-01	0.0000e+00	-3.3748e+03	0.0000e+00	-5.3560e+01
	28	0.0000e+00	4.5428e-01	0.0000e+00	3.3748e+03	0.0000e+00	-3.1532e+01
630	1905	0.0000e+00	2.5674e+02	0.0000e+00	-9.8640e+03	0.0000e+00	1.8143e+04
	33	0.0000e+00	-2.5674e+02	0.0000e+00	9.8640e+03	0.0000e+00	2.9952e+04
631	1915	0.0000e+00	-2.5076e+02	0.0000e+00	-9.7264e+03	0.0000e+00	-1.7635e+04
	23	0.0000e+00	2.5076e+02	0.0000e+00	9.7264e+03	0.0000e+00	-2.9340e+04
632	1894	1.5702e+03	1.7886e+03	-4.0767e+02	7.5820e+03	5.6253e+04	2.1999e+05
	1981	-1.5702e+03	-1.7886e+03	4.0767e+02	-7.5820e+03	-6.1114e+03	-2.7121e-10
633	1895	-9.7251e+02	-1.1127e+03	-4.1587e+02	7.5633e+03	5.7245e+04	-1.3686e+05
	1980	9.7251e+02	1.1127e+03	4.1587e+02	-7.5633e+03	-6.0963e+03	-1.2359e-10
634	1896	3.6491e+02	4.2177e+02	-4.0310e+02	7.3532e+03	5.5507e+04	5.1878e+04
	1979	-3.6491e+02	-4.2177e+02	4.0310e+02	-7.3532e+03	-5.9269e+03	-3.9033e-11
635	1897	-2.9089e+02	-3.3645e+02	-3.9713e+02	7.2569e+03	5.4695e+04	-4.1383e+04
	1978	2.9089e+02	3.3645e+02	3.9713e+02	-7.2569e+03	-5.8493e+03	-3.8764e-11
636	1898	7.8394e+01	9.1074e+01	-3.9138e+02	7.1693e+03	5.3917e+04	1.1202e+04
	1977	-7.8394e+01	-9.1074e+01	3.9138e+02	-7.1693e+03	-5.7787e+03	2.1876e-11
637	1899	1.7086e+01	1.9748e+01	-3.8958e+02	7.1451e+03	5.3676e+04	2.4290e+03
	1976	-1.7086e+01	-1.9748e+01	3.8958e+02	-7.1451e+03	-5.7592e+03	-1.8582e-11
638	1900	-5.3606e+01	-6.2072e+01	-3.9057e+02	7.1668e+03	5.3815e+04	-7.6349e+03
	1975	5.3606e+01	6.2072e+01	3.9057e+02	-7.1668e+03	-5.7767e+03	-5.3131e-11
639	1901	2.6603e+02	3.0671e+02	-3.9521e+02	7.2517e+03	5.4454e+04	3.7725e+04
	1974	-2.6603e+02	-3.0671e+02	3.9521e+02	-7.2517e+03	-5.8451e+03	-1.4239e-11
640	1902	3.1185e+02	3.5915e+02	-4.0028e+02	7.3454e+03	5.5153e+04	4.4175e+04
	1973	-3.1185e+02	-3.5915e+02	4.0028e+02	-7.3454e+03	-5.9206e+03	6.5980e-11
641	1903	9.8834e+02	1.1310e+03	-4.1125e+02	7.5546e+03	5.6671e+04	1.3911e+05
	1972	-9.8834e+02	-1.1310e+03	4.1125e+02	-7.5546e+03	-6.0893e+03	-6.4479e-11
642	1904	-1.5612e+03	-1.7923e+03	-4.2860e+02	7.7021e+03	5.8919e+04	-2.2046e+05
	1971	1.5612e+03	1.7923e+03	4.2860e+02	-7.7021e+03	-6.2081e+03	1.1669e-10
2422	55	-3.5113e-11	-1.0142e+03	9.0896e-14	-4.7501e+02	-9.2261e-12	-1.9255e+05
	56	3.5113e-11	1.0142e+03	-9.0896e-14	4.7501e+02	-9.2241e-12	-2.1311e+05
2423	54	-2.7643e-11	-7.0722e+02	-7.1093e-15	-3.7573e+02	4.0779e-12	-1.5343e+05
	55	2.7643e-11	7.0722e+02	7.1093e-15	3.7573e+02	4.0781e-12	-1.5774e+05
2424	53	2.0916e-11	-1.6128e+03	5.5579e-14	-3.1414e+02	6.1787e-15	-2.2581e+05
	54	-2.0916e-11	1.6128e+03	-5.5579e-14	3.1414e+02	1.8189e-12	-2.2576e+05
2425	52	7.7633e-12	-7.0532e+02	7.1073e-15	-3.3026e+02	-3.2663e-12	-1.5719e+05
	53	-7.7633e-12	7.0532e+02	-7.1073e-15	3.3026e+02	-3.2508e-15	-1.5315e+05
2426	51	1.5325e-11	-1.0977e+03	3.1177e-15	-3.2226e+02	9.9161e-16	-1.8957e+05
	52	-1.5325e-11	1.0977e+03	-3.1177e-15	3.2226e+02	-1.3501e-15	-1.9462e+05
2427	50	1.5866e-11	-1.0977e+03	7.1059e-15	-3.2242e+02	-1.8906e-12	-1.9462e+05
	51	-1.5866e-11	1.0977e+03	-7.1059e-15	3.2242e+02	-2.1361e-12	-1.8957e+05
2428	49	1.1095e-11	-7.0532e+02	-3.5606e-15	-3.3102e+02	2.5382e-12	-1.5315e+05
	50	-1.1095e-11	7.0532e+02	3.5606e-15	3.3102e+02	-2.8030e-12	-1.5719e+05
2429	48	3.1882e-11	-1.6128e+03	1.7766e-17	-3.1363e+02	-7.4877e-12	-2.2576e+05

	49	-3.1882e-11	1.6128e+03	-1.7766e-17	3.1363e+02	-7.2768e-12	-2.2581e+05
2430	47	-1.6915e-12	-7.0721e+02	6.8419e-18	-3.6544e+02	4.0864e-12	-1.5774e+05
	48	1.6915e-12	7.0721e+02	-6.8419e-18	3.6544e+02	4.0880e-12	-1.5343e+05
2431	35	-2.0488e-11	-1.0142e+03	8.4034e-14	-4.8624e+02	-2.8493e-15	-2.1312e+05
	47	2.0488e-11	1.0142e+03	-8.4034e-14	4.8624e+02	3.2353e-15	-1.9256e+05
2432	45	-2.9026e-11	-1.0353e+03	8.4047e-14	-1.1530e+03	-3.2362e-15	-1.9678e+05
	46	2.9026e-11	1.0353e+03	-8.4047e-14	1.1530e+03	2.7120e-15	-2.1734e+05
2433	44	-2.8419e-11	-7.2535e+02	-1.4224e-14	-8.5208e+02	1.0134e-11	-1.5735e+05
	45	2.8419e-11	7.2535e+02	1.4224e-14	8.5208e+02	-8.6005e-12	-1.6180e+05
2434	43	-2.6728e-11	-1.6553e+03	8.4015e-14	-9.1097e+02	-1.3073e-11	-2.3176e+05
	44	2.6728e-11	1.6553e+03	-8.4015e-14	9.1097e+02	-1.1204e-11	-2.3172e+05
2435	42	-2.5405e-11	-7.2326e+02	9.4073e-15	8.6616e+02	-3.2663e-12	-1.6119e+05
	43	2.5405e-11	7.2326e+02	-9.4073e-15	-8.6616e+02	-4.3066e-12	-1.5704e+05
2436	65	-1.0092e-11	-1.0193e+03	8.4047e-14	-6.6179e+02	-3.2362e-15	-1.9375e+05
	66	1.0092e-11	1.0193e+03	-8.4047e-14	6.6179e+02	2.7120e-15	-2.1397e+05
2437	64	-2.1684e-11	-7.1773e+02	-6.8462e-18	-8.1066e+02	1.7313e-16	-1.5568e+05
	65	2.1684e-11	7.1773e+02	6.8462e-18	8.1066e+02	1.0572e-15	-1.6012e+05
2438	63	-2.9874e-11	-1.6347e+03	-8.4065e-14	7.4607e+02	-6.8747e-12	-2.2887e+05
	64	2.9874e-11	1.6347e+03	8.4065e-14	-7.4607e+02	1.0608e-11	-2.2885e+05
2439	62	-1.0858e-11	-7.1570e+02	-3.5449e-15	-7.6233e+02	4.9028e-12	-1.5950e+05
	63	1.0858e-11	7.1570e+02	3.5449e-15	7.6233e+02	2.0386e-12	-1.5540e+05
2440	61	-2.4682e-11	-1.1128e+03	3.1177e-15	-7.5100e+02	-2.3930e-12	-1.9219e+05
	62	2.4682e-11	1.1128e+03	-3.1177e-15	7.5100e+02	-2.4629e-12	-1.9731e+05
2441	41	-1.2479e-11	-1.1258e+03	7.5557e-15	-8.9374e+02	-4.5419e-13	-1.9442e+05
	42	1.2479e-11	1.1258e+03	-7.5557e-15	8.9374e+02	-1.2687e-12	-1.9961e+05
2442	40	-1.0145e-11	-1.1258e+03	3.6794e-18	-8.9404e+02	1.2686e-12	-1.9961e+05
	41	1.0145e-11	1.1258e+03	-3.6794e-18	8.9404e+02	-9.8239e-16	-1.9442e+05
2443	39	-2.5405e-11	-7.2323e+02	-1.0915e-14	8.6723e+02	-1.7190e-12	-1.5703e+05
	40	2.5405e-11	7.2323e+02	1.0915e-14	-8.6723e+02	-1.7180e-12	-1.6119e+05
2444	38	-2.5411e-11	-1.6551e+03	1.8700e-17	-9.1287e+02	9.8060e-12	-2.3170e+05
	39	2.5411e-11	1.6551e+03	-1.8700e-17	9.1287e+02	-9.5707e-12	-2.3174e+05
2445	37	-2.7922e-11	-7.2567e+02	7.1055e-15	-8.4701e+02	4.0778e-12	-1.6187e+05
	38	2.7922e-11	7.2567e+02	-7.1055e-15	8.4701e+02	9.4239e-12	-1.5742e+05
2446	34	-2.9573e-11	-1.0352e+03	-4.6631e-18	-1.1493e+03	-2.7120e-15	-2.1733e+05
	37	2.9573e-11	1.0352e+03	4.6631e-18	1.1493e+03	3.2368e-15	-1.9676e+05
2447	60	-2.8476e-11	-1.1128e+03	6.6796e-15	-7.5092e+02	-2.9770e-12	-1.9731e+05
	61	2.8476e-11	1.1128e+03	-6.6796e-15	7.5092e+02	-1.3982e-12	-1.9219e+05
2448	59	-1.0276e-11	-7.1570e+02	-1.5508e-14	-7.6226e+02	9.1134e-13	-1.5540e+05
	60	1.0276e-11	7.1570e+02	1.5508e-14	7.6226e+02	9.0781e-13	-1.5950e+05
2449	58	2.4673e-11	-1.6347e+03	-8.4015e-14	7.4565e+02	1.8191e-12	-2.2884e+05
	59	-2.4673e-11	1.6347e+03	8.4015e-14	-7.4565e+02	-6.2529e-15	-2.2887e+05
2450	57	-1.1878e-11	-7.1776e+02	-2.7789e-14	-8.0952e+02	8.3632e-12	-1.6013e+05
	58	1.1878e-11	7.1776e+02	2.7789e-14	8.0952e+02	8.0194e-16	-1.5568e+05
2451	36	-1.1963e-11	-1.0194e+03	-4.6631e-18	-6.7429e+02	-9.8098e-12	-2.1399e+05
	57	1.1963e-11	1.0194e+03	4.6631e-18	6.7429e+02	3.2368e-15	-1.9377e+05
2452	56	-2.3307e-15	1.7946e+02	-1.1630e-13	-2.9599e+03	1.1166e-11	3.2474e+04
	46	2.3307e-15	-1.7946e+02	1.1630e-13	2.9599e+03	2.7231e-11	4.5793e+04
2453	66	1.4434e-15	-3.3131e+02	-2.3910e-13	4.1321e+03	-6.3627e-12	-5.6606e+04
	56	-1.4434e-15	3.3131e+02	2.3910e-13	-4.1321e+03	5.5000e-11	-4.4151e+04
2454	55	3.0680e-15	1.6073e+02	4.9163e-14	-2.5512e+03	-2.5068e-11	3.0005e+04
	45	-3.0680e-15	-1.6073e+02	-4.9163e-14	2.5512e+03	-3.3246e-11	4.0075e+04
2455	65	-6.1689e-15	2.3869e+02	-4.4587e-13	3.5180e+03	-4.8897e-11	4.2096e+04
	55	6.1689e-15	-2.3869e+02	4.4587e-13	-3.5180e+03	-2.5228e-11	3.0466e+04
2456	54	4.8463e-16	1.1374e+02	1.0687e-13	-2.4348e+03	1.2682e-11	2.1060e+04
	44	-4.8463e-16	-1.1374e+02	-1.0687e-13	2.4348e+03	2.8060e-11	2.8531e+04

2457	64	-3.1466e-15	1.7250e+02	-2.3910e-13	3.1450e+03	-6.3627e-12	3.0333e+04
	54	3.1466e-15	-1.7250e+02	2.3910e-13	-3.1450e+03	5.5000e-11	2.2108e+04
2458	53	1.4132e-15	8.3003e+01	-1.9242e-13	-2.4241e+03	1.5370e-11	1.5387e+04
	43	-1.4132e-15	-8.3003e+01	1.9242e-13	2.4241e+03	2.3449e-11	2.0802e+04
2459	63	8.0142e-17	1.2839e+02	-2.1781e-13	3.1737e+03	-1.2352e-11	2.2552e+04
	53	-8.0142e-17	-1.2839e+02	2.1781e-13	-3.1737e+03	-4.1077e-11	1.6480e+04
2460	52	2.4561e-12	3.6945e+01	-1.1633e-13	-2.6317e+03	1.2769e-11	6.8092e+03
	42	-2.4561e-12	-3.6945e+01	1.1633e-13	2.6317e+03	2.8085e-11	9.2989e+03
2461	62	3.0923e-15	-5.6989e+01	-3.3748e-13	3.3893e+03	-3.3619e-11	-1.0004e+04
	52	-3.0923e-15	5.6989e+01	3.3748e-13	-3.3893e+03	-2.3073e-11	-7.3217e+03
2462	51	-3.3602e-15	-1.8424e-01	4.7720e-14	-2.4310e+03	-2.9055e-11	-4.0316e+01
	41	3.3602e-15	1.8424e-01	-4.7720e-14	2.4310e+03	-3.4854e-11	-3.9533e+01
2463	61	-1.3952e-15	1.6322e-01	-4.1036e-13	3.1860e+03	-4.7427e-11	4.0977e+01
	51	1.3952e-15	-1.6322e-01	4.1036e-13	-3.1860e+03	-2.2234e-11	2.4682e+01
2464	50	1.1723e-15	-3.6683e+01	4.8366e-14	-2.6323e+03	-2.6206e-11	-6.7566e+03
	40	-1.1723e-15	3.6683e+01	-4.8366e-14	2.6323e+03	-3.3826e-11	-9.2371e+03
2465	60	-3.0921e-15	5.7111e+01	-2.3357e-13	3.3882e+03	-2.5658e-11	1.0010e+04
	50	3.0921e-15	-5.7111e+01	2.3357e-13	-3.3882e+03	-2.9618e-11	7.3527e+03
2466	49	-1.4204e-15	-8.2640e+01	7.7448e-14	-2.4247e+03	1.7678e-11	-1.5312e+04
	39	1.4204e-15	8.2640e+01	-7.7448e-14	2.4247e+03	-3.2041e-11	-2.0719e+04
2467	59	-6.8705e-17	-1.2852e+02	-2.1781e-13	3.1722e+03	-1.2352e-11	-2.2556e+04
	49	6.8705e-17	1.2852e+02	2.1781e-13	-3.1722e+03	-4.1077e-11	-1.6513e+04
2468	48	7.9514e-12	-1.1333e+02	5.1866e-14	-2.4350e+03	-3.2004e-11	-2.0969e+04
	38	-7.9514e-12	1.1333e+02	-5.1866e-14	2.4350e+03	-3.6112e-11	-2.8443e+04
2469	58	-1.6727e-11	-1.7271e+02	-4.6143e-13	3.1455e+03	4.0396e-11	-3.0350e+04
	48	1.6727e-11	1.7271e+02	4.6143e-13	-3.1455e+03	-6.4990e-11	-2.2155e+04
2470	47	-1.0761e-11	-1.6123e+02	8.2429e-14	-2.5514e+03	1.4857e-11	-3.0098e+04
	37	1.0761e-11	1.6123e+02	-8.2429e-14	2.5514e+03	2.8125e-11	-4.0197e+04
2471	57	-1.4976e-11	-2.3894e+02	-3.9642e-13	3.5041e+03	-5.4739e-11	-4.2155e+04
	47	1.4976e-11	2.3894e+02	3.9642e-13	-3.5041e+03	-2.4558e-11	-3.0485e+04
2472	35	2.3307e-15	-1.8039e+02	4.8366e-14	-2.9693e+03	-2.6206e-11	-3.2691e+04
	34	-2.3307e-15	1.8039e+02	-4.8366e-14	2.9693e+03	-3.3826e-11	-4.5980e+04
2473	36	-1.4359e-15	3.2933e+02	-2.4721e-13	4.1200e+03	1.0589e-11	5.6353e+04
	35	1.4359e-15	-3.2933e+02	2.4721e-13	-4.1200e+03	-5.4784e-11	4.3798e+04
2474	33	1.0375e+03	3.0659e+02	-1.5509e+03	3.2144e+03	4.4743e+05	7.2487e+04
	66	-1.0375e+03	-3.0659e+02	1.5509e+03	-3.2144e+03	2.0864e+05	5.7202e+04
2475	22	1.0298e+03	-3.7856e+02	-1.5349e+03	3.2144e+03	4.3942e+05	-8.3779e+04
	56	-1.0298e+03	3.7856e+02	1.5349e+03	-3.2144e+03	2.0983e+05	-7.6355e+04
2476	21	-3.4257e+02	-2.9536e+02	-2.0405e+03	3.2144e+03	5.1682e+05	-6.4584e+04
	55	3.4257e+02	2.9536e+02	2.0405e+03	-3.2144e+03	3.4630e+05	-6.0354e+04
2477	32	-9.1411e+02	-2.2610e+02	-2.0931e+03	3.2144e+03	5.3628e+05	-5.3356e+04
	65	9.1411e+02	2.2610e+02	2.0931e+03	-3.2144e+03	3.4910e+05	-4.2286e+04
2478	20	8.9082e+02	-2.1018e+02	-2.1421e+03	3.2144e+03	5.3044e+05	-4.5807e+04
	54	-8.9082e+02	2.1018e+02	2.1421e+03	-3.2144e+03	3.7569e+05	-4.3101e+04
2479	19	-9.2657e+02	-1.5579e+02	-2.1414e+03	3.2144e+03	5.3033e+05	-3.4023e+04
	53	9.2657e+02	1.5579e+02	2.1414e+03	-3.2144e+03	3.7549e+05	-3.1875e+04
2480	8	-8.7766e+02	1.1637e+02	-2.2408e+03	3.2144e+03	5.6042e+05	2.8464e+04
	43	8.7766e+02	-1.1637e+02	2.2408e+03	-3.2144e+03	3.8745e+05	-2.0764e+04
2481	9	1.0067e+03	-1.6160e+02	-2.2422e+03	3.2144e+03	5.6074e+05	-3.9774e+04
	44	-1.0067e+03	1.6160e+02	2.2422e+03	-3.2144e+03	3.8772e+05	-2.8587e+04
2482	10	-7.6447e+02	-2.2263e+02	-2.1376e+03	3.2144e+03	5.4671e+05	-5.4398e+04
	45	7.6447e+02	2.2263e+02	2.1376e+03	-3.2144e+03	3.5750e+05	-3.9777e+04
2483	11	1.8051e+03	-2.6771e+02	-1.5993e+03	3.2144e+03	4.6000e+05	-6.6325e+04
	46	-1.8051e+03	2.6771e+02	1.5993e+03	-3.2144e+03	2.1656e+05	-4.6931e+04
2484	31	9.9089e+02	-1.6081e+02	-2.1984e+03	3.2144e+03	5.5047e+05	-3.7754e+04

	64	-9.9089e+02	1.6081e+02	2.1984e+03	-3.2144e+03	3.7945e+05	-3.0268e+04
2485	30	-8.7884e+02	-1.2054e+02	-2.1969e+03	3.2144e+03	5.5012e+05	-2.8421e+04
	63	8.7884e+02	1.2054e+02	2.1969e+03	-3.2144e+03	3.7919e+05	-2.2569e+04
2486	18	3.8942e+02	-6.8791e+01	-2.0464e+03	3.2144e+03	5.1761e+05	-1.4985e+04
	52	-3.8942e+02	6.8791e+01	2.0464e+03	-3.2144e+03	3.4801e+05	-1.4113e+04
2487	6	-1.5688e+01	3.3241e-01	-2.2420e+03	3.2144e+03	5.6085e+05	9.8459e+01
	41	1.5688e+01	-3.3241e-01	2.2420e+03	-3.2144e+03	3.8752e+05	4.0449e+01
2488	29	4.1569e+02	5.3155e+01	-2.1048e+03	3.2144e+03	5.3845e+05	1.2493e+04
	62	-4.1569e+02	-5.3155e+01	2.1048e+03	-3.2144e+03	3.5189e+05	-9.9920e+03
2489	17	-4.3523e-01	-3.1172e-01	-2.1430e+03	3.2144e+03	5.3083e+05	-6.7839e+01
	51	4.3523e-01	3.1172e-01	2.1430e+03	-3.2144e+03	3.7564e+05	6.3168e+01
2490	7	3.9800e+02	-5.2984e+01	-2.1465e+03	3.2144e+03	5.4833e+05	-1.3085e+04
	42	-3.9800e+02	5.2984e+01	2.1465e+03	-3.2144e+03	3.5966e+05	-9.3287e+03
2491	5	-4.1170e+02	5.2575e+01	-2.1465e+03	3.2144e+03	5.4832e+05	1.2975e+04
	40	4.1170e+02	-5.2575e+01	2.1465e+03	-3.2144e+03	3.5966e+05	9.2664e+03
2492	28	-1.1555e+00	-2.2641e-01	-2.1986e+03	3.2144e+03	5.5068e+05	-5.4629e+01
	61	1.1555e+00	2.2641e-01	2.1986e+03	-3.2144e+03	3.7932e+05	-4.0865e+01
2493	16	-3.8993e+02	6.8697e+01	-2.0464e+03	3.2144e+03	5.1761e+05	1.4973e+04
	50	3.8993e+02	-6.8697e+01	2.0464e+03	-3.2144e+03	3.4801e+05	1.4087e+04
2494	27	-4.1706e+02	-5.3174e+01	-2.1048e+03	3.2144e+03	5.3845e+05	-1.2495e+04
	60	4.1706e+02	5.3174e+01	2.1048e+03	-3.2144e+03	3.5189e+05	-9.9981e+03
2495	4	8.5098e+02	-1.1583e+02	-2.2406e+03	3.2144e+03	5.6038e+05	-2.8320e+04
	39	-8.5098e+02	1.1583e+02	2.2406e+03	-3.2144e+03	3.8742e+05	2.0680e+04
2496	15	9.2593e+02	1.5565e+02	-2.1414e+03	3.2144e+03	5.3033e+05	3.4001e+04
	49	-9.2593e+02	-1.5565e+02	2.1414e+03	-3.2144e+03	3.7549e+05	3.1838e+04
2497	26	8.7652e+02	1.2055e+02	-2.1969e+03	3.2144e+03	5.5012e+05	2.8420e+04
	59	-8.7652e+02	-1.2055e+02	2.1969e+03	-3.2144e+03	3.7919e+05	2.2574e+04
2498	3	-1.0321e+03	1.6116e+02	-2.2424e+03	3.2144e+03	5.6081e+05	3.9667e+04
	38	1.0321e+03	-1.6116e+02	2.2424e+03	-3.2144e+03	3.8776e+05	2.8506e+04
2499	14	-8.9161e+02	2.1005e+02	-2.1421e+03	3.2144e+03	5.3044e+05	4.5785e+04
	48	8.9161e+02	-2.1005e+02	2.1421e+03	-3.2144e+03	3.7569e+05	4.3066e+04
2500	25	-9.9515e+02	1.6090e+02	-2.1984e+03	3.2144e+03	5.5048e+05	3.7776e+04
	58	9.9515e+02	-1.6090e+02	2.1984e+03	-3.2144e+03	3.7945e+05	3.0286e+04
2501	2	8.6669e+02	2.2341e+02	-2.1377e+03	3.2144e+03	5.4675e+05	5.4604e+04
	37	-8.6669e+02	-2.2341e+02	2.1377e+03	-3.2144e+03	3.5753e+05	3.9897e+04
2502	13	3.4309e+02	2.9568e+02	-2.0405e+03	3.2144e+03	5.1682e+05	6.4631e+04
	47	-3.4309e+02	-2.9568e+02	2.0405e+03	-3.2144e+03	3.4631e+05	6.0440e+04
2503	24	8.7834e+02	2.2631e+02	-2.0932e+03	3.2144e+03	5.3630e+05	5.3404e+04
	57	-8.7834e+02	-2.2631e+02	2.0932e+03	-3.2144e+03	3.4912e+05	4.2327e+04
2504	1	-1.7364e+03	2.6881e+02	-1.5990e+03	3.2144e+03	4.5994e+05	6.6605e+04
	34	1.7364e+03	-2.6881e+02	1.5990e+03	-3.2144e+03	2.1649e+05	4.7115e+04
2505	12	-1.0287e+03	3.7820e+02	-1.5349e+03	3.2144e+03	4.3943e+05	8.3691e+04
	35	1.0287e+03	-3.7820e+02	1.5349e+03	-3.2144e+03	2.0983e+05	7.6289e+04
2506	23	-9.8439e+02	-3.0549e+02	-1.5510e+03	3.2144e+03	4.4747e+05	-7.2254e+04
	36	9.8439e+02	3.0549e+02	1.5510e+03	-3.2144e+03	2.0865e+05	-5.6968e+04
654	1906	0.0000e+00	-1.3288e+02	0.0000e+00	1.0225e+04	0.0000e+00	-2.1157e+04
	1905	0.0000e+00	-3.9889e+02	0.0000e+00	-1.8143e+04	0.0000e+00	-9.8640e+03
655	1907	0.0000e+00	-2.5008e+01	0.0000e+00	5.5607e+03	0.0000e+00	-1.8142e+03
	1906	0.0000e+00	-2.2605e+02	0.0000e+00	-1.0225e+04	0.0000e+00	2.1157e+04
656	1908	0.0000e+00	1.1801e+01	0.0000e+00	3.8957e+03	0.0000e+00	6.1986e+02
	1907	0.0000e+00	-5.2429e+00	0.0000e+00	-5.5607e+03	0.0000e+00	1.8142e+03
657	1909	0.0000e+00	-2.6554e+00	0.0000e+00	2.5337e+03	0.0000e+00	-1.5931e+02
	1908	0.0000e+00	6.6260e+00	0.0000e+00	-3.8957e+03	0.0000e+00	-6.1986e+02
658	1910	0.0000e+00	-9.4111e+00	0.0000e+00	2.2286e+03	0.0000e+00	-1.6966e+03
	1909	0.0000e+00	-2.0560e+00	0.0000e+00	-2.5337e+03	0.0000e+00	1.5931e+02

659	1911	0.0000e+00	2.0623e+00	0.0000e+00	2.4843e+03	0.0000e+00	1.4850e+02
	1910	0.0000e+00	9.0215e+00	0.0000e+00	-2.2022e+03	0.0000e+00	-1.6784e+03
660	1912	0.0000e+00	-7.7426e+00	0.0000e+00	3.7977e+03	0.0000e+00	-6.6483e+02
	1911	0.0000e+00	2.5606e+00	0.0000e+00	-2.4843e+03	0.0000e+00	-1.4850e+02
661	1913	0.0000e+00	6.7538e+00	0.0000e+00	5.4121e+03	0.0000e+00	1.7783e+03
	1912	0.0000e+00	-1.2277e+01	0.0000e+00	-3.7977e+03	0.0000e+00	6.6483e+02
662	1914	0.0000e+00	2.2023e+02	0.0000e+00	9.9421e+03	0.0000e+00	2.0537e+04
	1913	0.0000e+00	2.5107e+01	0.0000e+00	-5.4121e+03	0.0000e+00	-1.7783e+03
663	1915	0.0000e+00	3.7479e+02	0.0000e+00	1.7635e+04	0.0000e+00	-9.7264e+03
	1914	0.0000e+00	1.3828e+02	0.0000e+00	-9.9421e+03	0.0000e+00	-2.0537e+04
664	1895	0.0000e+00	2.0733e+02	0.0000e+00	1.6169e+05	0.0000e+00	7.1933e+04
	1894	0.0000e+00	-1.6250e+03	0.0000e+00	-2.0020e+05	0.0000e+00	-5.8887e+04
665	1896	0.0000e+00	-3.4929e+02	0.0000e+00	-4.9575e+04	0.0000e+00	-4.0888e+04
	1895	0.0000e+00	7.9501e+02	0.0000e+00	4.9466e+04	0.0000e+00	-8.0596e+04
666	1897	0.0000e+00	-2.9206e+02	0.0000e+00	-1.2466e+04	0.0000e+00	-3.1672e+04
	1896	0.0000e+00	1.1531e+02	0.0000e+00	8.3248e+03	0.0000e+00	-1.5266e+04
667	1898	0.0000e+00	-1.9864e+02	0.0000e+00	-1.1979e+04	0.0000e+00	-2.9682e+04
	1897	0.0000e+00	1.6379e+02	0.0000e+00	2.3559e+04	0.0000e+00	-2.6639e+04
668	1899	0.0000e+00	-1.8128e+02	0.0000e+00	-1.5626e+04	0.0000e+00	-2.7494e+04
	1898	0.0000e+00	1.2338e+02	0.0000e+00	1.9016e+04	0.0000e+00	-2.4383e+04
669	1900	0.0000e+00	-1.4634e+02	0.0000e+00	-1.8367e+04	0.0000e+00	-2.5913e+04
	1899	0.0000e+00	1.6172e+02	0.0000e+00	1.6305e+04	0.0000e+00	-2.6472e+04
670	1901	0.0000e+00	-1.8291e+02	0.0000e+00	-2.3476e+04	0.0000e+00	-2.7861e+04
	1900	0.0000e+00	1.7297e+02	0.0000e+00	1.3069e+04	0.0000e+00	-2.8059e+04
671	1902	0.0000e+00	-1.4668e+02	0.0000e+00	-6.2961e+03	0.0000e+00	-1.9919e+04
	1901	0.0000e+00	2.6966e+02	0.0000e+00	7.7391e+03	0.0000e+00	-3.0241e+04
672	1903	0.0000e+00	-7.9433e+02	0.0000e+00	-3.3290e+04	0.0000e+00	-7.8998e+04
	1902	0.0000e+00	3.1178e+02	0.0000e+00	3.7443e+04	0.0000e+00	-3.5783e+04
673	1904	0.0000e+00	1.6164e+03	0.0000e+00	2.0096e+05	0.0000e+00	-6.1198e+04
	1903	0.0000e+00	-2.6140e+02	0.0000e+00	-1.6428e+05	0.0000e+00	7.5362e+04

SFORZI "Dinamica SLOh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	1.8358e+01	6.7674e-19	-2.8342e-19	1.2332e-01	0.0000e+00	0.0000e+00
	1923	-1.8358e+01	-6.7674e-19	2.8342e-19	-1.2332e-01	0.0000e+00	0.0000e+00
2	1916	5.5884e+01	0.0000e+00	0.0000e+00	-4.6198e-02	0.0000e+00	0.0000e+00
	1921	-5.5884e+01	0.0000e+00	0.0000e+00	4.6198e-02	0.0000e+00	0.0000e+00
3	2085	3.8732e+01	1.1822e-19	-5.0727e-20	-4.5851e-02	0.0000e+00	0.0000e+00
	1918	-3.8732e+01	-1.1822e-19	5.0727e-20	4.5851e-02	0.0000e+00	0.0000e+00
4	2008	6.2223e+01	7.0128e-19	-1.3247e-19	1.8473e-02	0.0000e+00	0.0000e+00
	2079	-6.2223e+01	-7.0128e-19	1.3247e-19	-1.8473e-02	0.0000e+00	0.0000e+00
5	1919	4.3035e+01	1.4471e-19	-1.0727e-19	-1.6723e-02	0.0000e+00	0.0000e+00
	2056	-4.3035e+01	-1.4471e-19	1.0727e-19	1.6723e-02	0.0000e+00	0.0000e+00
6	2098	2.7037e+01	-3.1184e-19	-3.0069e-19	-6.7932e-03	0.0000e+00	0.0000e+00
	1937	-2.7037e+01	3.1184e-19	3.0069e-19	6.7932e-03	0.0000e+00	0.0000e+00
7	2042	2.0927e+00	4.9997e-19	5.4941e-20	3.2044e-02	0.0000e+00	0.0000e+00
	2107	-2.0927e+00	-4.9997e-19	-5.4941e-20	-3.2044e-02	0.0000e+00	0.0000e+00
8	1925	4.5131e+01	-3.3730e-19	-5.3987e-20	3.8706e-02	0.0000e+00	0.0000e+00
	2008	-4.5131e+01	3.3730e-19	5.3987e-20	-3.8706e-02	0.0000e+00	0.0000e+00
9	2109	3.0783e+01	2.0354e-18	-4.8482e-19	6.1099e-02	0.0000e+00	0.0000e+00
	2123	-3.0783e+01	-2.0354e-18	4.8482e-19	-6.1099e-02	0.0000e+00	0.0000e+00
10	2084	5.3260e+01	-3.7027e-19	4.5239e-20	5.2561e-02	0.0000e+00	0.0000e+00
	2106	-5.3260e+01	3.7027e-19	-4.5239e-20	-5.2561e-02	0.0000e+00	0.0000e+00
11	2083	-2.9275e+01	-9.1480e-19	1.1926e-19	5.4975e-02	0.0000e+00	0.0000e+00
	2078	2.9275e+01	9.1480e-19	-1.1926e-19	-5.4975e-02	0.0000e+00	0.0000e+00

12	2058	2.4453e+01	-7.6329e-19	6.0550e-20	5.6217e-02	0.0000e+00	0.0000e+00
	2077	-2.4453e+01	7.6329e-19	-6.0550e-20	-5.6217e-02	0.0000e+00	0.0000e+00
13	2041	-5.9695e+01	3.5311e-19	3.0057e-20	4.0036e-02	0.0000e+00	0.0000e+00
	2055	5.9695e+01	-3.5311e-19	-3.0057e-20	-4.0036e-02	0.0000e+00	0.0000e+00
14	2024	-3.7004e+01	2.7446e-18	-4.6912e-19	4.1506e-02	0.0000e+00	0.0000e+00
	2038	3.7004e+01	-2.7446e-18	4.6912e-19	-4.1506e-02	0.0000e+00	0.0000e+00
15	2007	-5.4142e+01	3.1352e-19	2.9073e-20	3.2031e-02	0.0000e+00	0.0000e+00
	2021	5.4142e+01	-3.1352e-19	-2.9073e-20	-3.2031e-02	0.0000e+00	0.0000e+00
16	1982	-1.7691e+01	-5.8562e-19	4.3059e-19	1.2577e-01	0.0000e+00	0.0000e+00
	2012	1.7691e+01	5.8562e-19	-4.3059e-19	-1.2577e-01	0.0000e+00	0.0000e+00
17	1985	-3.4223e+01	0.0000e+00	0.0000e+00	-1.5251e-02	0.0000e+00	0.0000e+00
	2010	3.4223e+01	0.0000e+00	0.0000e+00	1.5251e-02	0.0000e+00	0.0000e+00
18	1998	-6.4303e+01	7.6800e-20	7.9081e-21	-2.1041e-02	0.0000e+00	0.0000e+00
	2007	6.4303e+01	-7.6800e-20	-7.9081e-21	2.1041e-02	0.0000e+00	0.0000e+00
19	1995	-5.5500e+00	5.5951e-19	-1.4811e-19	3.5661e-02	0.0000e+00	0.0000e+00
	2004	5.5500e+00	-5.5951e-19	1.4811e-19	-3.5661e-02	0.0000e+00	0.0000e+00
20	1992	-4.3554e+01	-1.2589e-19	-1.3889e-19	2.7481e-02	0.0000e+00	0.0000e+00
	2001	4.3554e+01	1.2589e-19	1.3889e-19	-2.7481e-02	0.0000e+00	0.0000e+00
21	1989	-2.7591e+01	2.2310e-19	1.6313e-19	-1.8738e-02	0.0000e+00	0.0000e+00
	2000	2.7591e+01	-2.2310e-19	-1.6313e-19	1.8738e-02	0.0000e+00	0.0000e+00
22	1988	-1.5051e+01	1.9790e-19	1.2045e-19	5.1093e-03	0.0000e+00	0.0000e+00
	1928	1.5051e+01	-1.9790e-19	-1.2045e-19	-5.1093e-03	0.0000e+00	0.0000e+00
643	1905	-5.6168e+01	2.4827e-14	-1.8283e-15	4.3126e+00	0.0000e+00	0.0000e+00
	1960	5.6168e+01	-2.4827e-14	1.8283e-15	-4.3126e+00	0.0000e+00	0.0000e+00
644	1906	-6.8670e+01	2.5640e-14	-1.8349e-15	9.5922e+00	0.0000e+00	0.0000e+00
	1961	6.8670e+01	-2.5640e-14	1.8349e-15	-9.5922e+00	0.0000e+00	0.0000e+00
645	1907	-8.5450e+01	3.1252e-14	-1.8440e-15	9.8564e+00	0.0000e+00	0.0000e+00
	1962	8.5450e+01	-3.1252e-14	1.8440e-15	-9.8564e+00	0.0000e+00	0.0000e+00
646	1908	-9.2952e+01	3.3931e-14	-1.8454e-15	1.0067e+01	0.0000e+00	0.0000e+00
	1963	9.2952e+01	-3.3931e-14	1.8454e-15	-1.0067e+01	0.0000e+00	0.0000e+00
647	1909	-1.1220e+02	3.8576e-14	-1.8398e-15	1.0506e+01	0.0000e+00	0.0000e+00
	1964	1.1220e+02	-3.8576e-14	1.8398e-15	-1.0506e+01	0.0000e+00	0.0000e+00
648	1910	-1.0268e+02	3.8142e-14	-1.8283e-15	1.0947e+01	0.0000e+00	0.0000e+00
	1965	1.0268e+02	-3.8142e-14	1.8283e-15	-1.0947e+01	0.0000e+00	0.0000e+00
649	1911	-1.1322e+02	3.8911e-14	-1.8115e-15	-1.1555e+01	0.0000e+00	0.0000e+00
	1966	1.1322e+02	-3.8911e-14	1.8115e-15	1.1555e+01	0.0000e+00	0.0000e+00
650	1912	-9.3626e+01	3.4184e-14	-1.7839e-15	-1.2525e+01	0.0000e+00	0.0000e+00
	1967	9.3626e+01	-3.4184e-14	1.7839e-15	1.2525e+01	0.0000e+00	0.0000e+00
651	1913	-8.7613e+01	3.1997e-14	-1.7650e-15	-1.3362e+01	0.0000e+00	0.0000e+00
	1968	8.7613e+01	-3.1997e-14	1.7650e-15	1.3362e+01	0.0000e+00	0.0000e+00
652	1914	-8.3745e+01	2.7602e-14	-1.7365e-15	-1.5102e+01	0.0000e+00	0.0000e+00
	1969	8.3745e+01	-2.7602e-14	1.7365e-15	1.5102e+01	0.0000e+00	0.0000e+00
653	1915	-4.9348e+01	2.5282e-14	-1.7167e-15	-1.1629e+01	0.0000e+00	0.0000e+00
	1970	4.9348e+01	-2.5282e-14	1.7167e-15	1.1629e+01	0.0000e+00	0.0000e+00
237	2116	-1.0900e+02	3.7721e+01	-2.3659e+00	-8.4823e+00	1.0945e+02	4.4451e+03
	2079	1.0900e+02	-3.7721e+01	2.3659e+00	8.4823e+00	1.2127e+02	1.3253e+03
238	1959	-9.1289e+01	3.8019e+01	2.1786e+00	-1.7416e+00	8.0901e+01	4.9375e+03
	2116	9.1289e+01	-3.8019e+01	-2.1786e+00	1.7416e+00	-1.0979e+02	-4.4442e+03
239	2110	-1.2695e+02	1.8420e+01	-7.6576e-01	-2.1286e+00	1.1482e+01	2.6572e+03
	1919	1.2695e+02	-1.8420e+01	7.6576e-01	2.1286e+00	6.0610e+01	1.2464e+03
240	1958	-9.5995e+01	1.2492e+01	2.2321e-01	-1.7844e+00	-4.5113e+00	2.8307e+03
	2110	9.5995e+01	-1.2492e+01	-2.2321e-01	1.7844e+00	-1.1141e+01	-2.6642e+03
241	2121	-1.4623e+02	4.3933e+01	-4.0897e-01	-2.4955e+00	-7.7863e+00	5.0895e+03
	2120	1.4623e+02	-4.3933e+01	4.0897e-01	2.4955e+00	3.5533e+01	1.4199e+03
242	1957	-1.1214e+02	4.0187e+01	1.4326e-01	-3.1795e+00	-1.2079e+01	5.6129e+03

	2121	1.1214e+02	-4.0187e+01	-1.4326e-01	3.1795e+00	8.0317e+00	-5.0884e+03
243	2104	-1.5890e+02	4.7870e+01	2.5181e-01	3.3307e+00	-1.0461e+01	5.5085e+03
	2103	1.5890e+02	-4.7870e+01	-2.5181e-01	-3.3307e+00	2.4877e+01	1.4427e+03
244	1956	-1.2183e+02	4.3796e+01	1.9438e-01	-3.6191e+00	-1.2927e+01	6.0828e+03
	2104	1.2183e+02	-4.3796e+01	-1.9438e-01	3.6191e+00	1.0557e+01	-5.5087e+03
245	2074	-1.9546e+02	5.7165e+01	1.2926e-01	4.0749e+00	-1.2507e+01	6.3344e+03
	2072	1.9546e+02	-5.7165e+01	-1.2926e-01	-4.0749e+00	-1.2998e+01	1.3074e+03
246	1955	-1.4975e+02	5.2076e+01	2.9348e-01	4.0378e+00	-1.2836e+01	7.0229e+03
	2074	1.4975e+02	-5.2076e+01	-2.9348e-01	-4.0378e+00	1.2495e+01	-6.3332e+03
247	2073	-1.7446e+02	5.3285e+01	1.9432e-01	4.4009e+00	-1.3440e+01	6.0366e+03
	2071	1.7446e+02	-5.3285e+01	-1.9432e-01	-4.4009e+00	-8.0491e+00	1.2165e+03
248	1954	-1.3373e+02	4.8822e+01	-3.6614e-01	4.2066e+00	-1.2526e+01	6.6857e+03
	2073	1.3373e+02	-4.8822e+01	3.6614e-01	-4.2066e+00	1.3377e+01	-6.0373e+03
249	2053	-1.9732e+02	5.7704e+01	3.4338e-01	4.5885e+00	-1.6990e+01	6.3851e+03
	2052	1.9732e+02	-5.7704e+01	-3.4338e-01	-4.5885e+00	-1.3876e+01	1.3067e+03
250	1953	-1.5117e+02	5.2567e+01	-4.6900e-01	4.2868e+00	-1.4079e+01	7.0802e+03
	2053	1.5117e+02	-5.2567e+01	4.6900e-01	-4.2868e+00	1.6911e+01	-6.3838e+03
251	2036	-1.6037e+02	4.8249e+01	5.3522e-01	4.5288e+00	-2.4975e+01	5.5241e+03
	2035	1.6037e+02	-4.8249e+01	-5.3522e-01	-4.5288e+00	-2.4246e+01	1.4355e+03
252	1952	-1.2296e+02	4.4139e+01	-6.2161e-01	4.2517e+00	-1.9286e+01	6.1032e+03
	2036	1.2296e+02	-4.4139e+01	6.2161e-01	-4.2517e+00	2.4927e+01	-5.5246e+03
253	2019	-1.5019e+02	4.5089e+01	7.5559e-01	4.1063e+00	-3.4738e+01	5.1879e+03
	2018	1.5019e+02	-4.5089e+01	-7.5559e-01	-4.1063e+00	-3.5391e+01	1.4162e+03
254	1951	-1.1518e+02	4.1243e+01	-7.7527e-01	4.1153e+00	-2.6391e+01	5.7269e+03
	2019	1.1518e+02	-4.1243e+01	7.7527e-01	-4.1153e+00	3.4740e+01	-5.1879e+03
255	2002	-1.2857e+02	3.6455e+01	1.2248e+00	9.8833e-01	-5.8671e+01	4.3643e+03
	2001	1.2857e+02	-3.6455e+01	-1.2248e+00	-9.8833e-01	-5.4959e+01	1.2923e+03
256	1950	-9.3395e+01	3.0627e+01	-1.1271e+00	3.5708e+00	-4.4395e+01	4.7668e+03
	2002	9.3395e+01	-3.0627e+01	1.1271e+00	-3.5708e+00	5.8788e+01	-4.3656e+03
257	1990	-8.0907e+01	2.9253e+01	-1.5301e+00	2.6263e+00	-4.8854e+01	3.5066e+03
	1989	8.0907e+01	-2.9253e+01	1.5301e+00	-2.6263e+00	1.0198e+02	1.2899e+03
258	1939	-6.3726e+01	2.7789e+01	6.2160e-01	1.4552e+00	-3.8801e+01	3.8612e+03
	1990	6.3726e+01	-2.7789e+01	-6.2160e-01	-1.4552e+00	4.8762e+01	-3.5085e+03
259	36	5.4728e+01	-9.5428e-14	3.6327e-01	2.0747e-02	-3.6327e+00	0.0000e+00
	1939	-5.4728e+01	9.5428e-14	-3.6327e-01	-2.0747e-02	0.0000e+00	0.0000e+00
260	2110	-4.7628e+00	6.3293e-17	3.2284e-17	-2.7136e+00	0.0000e+00	0.0000e+00
	2116	4.7628e+00	-6.3293e-17	-3.2284e-17	2.7136e+00	0.0000e+00	0.0000e+00
261	2121	-5.3770e+00	6.2055e-18	1.2727e-16	-1.2143e+00	0.0000e+00	0.0000e+00
	2110	5.3770e+00	-6.2055e-18	-1.2727e-16	1.2143e+00	0.0000e+00	0.0000e+00
262	2104	-5.5947e+00	0.0000e+00	0.0000e+00	-6.9566e-01	0.0000e+00	0.0000e+00
	2121	5.5947e+00	0.0000e+00	0.0000e+00	6.9566e-01	0.0000e+00	0.0000e+00
263	2074	-5.6800e+00	4.1354e-18	-2.8055e-17	-9.3769e-01	0.0000e+00	0.0000e+00
	2104	5.6800e+00	-4.1354e-18	2.8055e-17	9.3769e-01	0.0000e+00	0.0000e+00
264	2073	-5.5499e+00	-2.8034e-18	6.0378e-17	5.3636e-01	0.0000e+00	0.0000e+00
	2074	5.5499e+00	2.8034e-18	-6.0378e-17	-5.3636e-01	0.0000e+00	0.0000e+00
265	2053	-5.2723e+00	5.7999e-18	-1.2055e-17	-5.9021e-01	0.0000e+00	0.0000e+00
	2073	5.2723e+00	-5.7999e-18	1.2055e-17	5.9021e-01	0.0000e+00	0.0000e+00
266	2036	-4.7141e+00	-3.1319e-17	-5.7086e-17	9.6890e-01	0.0000e+00	0.0000e+00
	2053	4.7141e+00	3.1319e-17	5.7086e-17	-9.6890e-01	0.0000e+00	0.0000e+00
267	2019	-3.6894e+00	1.3088e-18	-1.5786e-16	5.4767e-01	0.0000e+00	0.0000e+00
	2036	3.6894e+00	-1.3088e-18	1.5786e-16	-5.4767e-01	0.0000e+00	0.0000e+00
268	2002	-2.0081e+00	9.8673e-18	0.0000e+00	1.5287e+00	0.0000e+00	0.0000e+00
	2019	2.0081e+00	-9.8673e-18	0.0000e+00	-1.5287e+00	0.0000e+00	0.0000e+00
269	1990	2.0630e+00	1.2292e-17	-4.2660e-17	2.8575e+00	0.0000e+00	0.0000e+00
	2002	-2.0630e+00	-1.2292e-17	4.2660e-17	-2.8575e+00	0.0000e+00	0.0000e+00

270	77	0.0000e+00	8.0961e+01	0.0000e+00	1.3918e+03	0.0000e+00	1.2643e+04
	1894	0.0000e+00	-8.0961e+01	0.0000e+00	-1.3918e+03	0.0000e+00	1.8601e+04
271	11	0.0000e+00	6.0987e+01	0.0000e+00	1.7195e+02	0.0000e+00	5.5458e+03
	77	0.0000e+00	-6.0987e+01	0.0000e+00	-1.7195e+02	0.0000e+00	-2.9971e+03
272	67	0.0000e+00	8.3530e+01	0.0000e+00	-1.5038e+03	0.0000e+00	1.2710e+04
	1904	0.0000e+00	-8.3530e+01	0.0000e+00	1.5038e+03	0.0000e+00	1.9507e+04
273	1	0.0000e+00	6.1009e+01	0.0000e+00	-1.7645e+02	0.0000e+00	5.5495e+03
	67	0.0000e+00	-6.1009e+01	0.0000e+00	1.7645e+02	0.0000e+00	-3.0150e+03
274	72	0.0000e+00	1.1024e+02	0.0000e+00	-6.6709e+00	0.0000e+00	1.6907e+04
	1899	0.0000e+00	-1.1024e+02	0.0000e+00	6.6709e+00	0.0000e+00	2.5018e+04
275	6	0.0000e+00	1.7625e+02	0.0000e+00	-5.6229e+00	0.0000e+00	1.1601e+04
	72	0.0000e+00	-1.7625e+02	0.0000e+00	5.6229e+00	0.0000e+00	-4.1154e+03
276	76	0.0000e+00	9.4765e+01	0.0000e+00	-5.3574e+01	0.0000e+00	1.5114e+04
	1895	0.0000e+00	-9.4765e+01	0.0000e+00	5.3574e+01	0.0000e+00	2.0793e+04
277	10	0.0000e+00	1.8894e+02	0.0000e+00	-8.2198e+01	0.0000e+00	1.1672e+04
	76	0.0000e+00	-1.8894e+02	0.0000e+00	8.2198e+01	0.0000e+00	-3.6211e+03
278	75	0.0000e+00	1.0102e+02	0.0000e+00	-3.5266e+02	0.0000e+00	1.6554e+04
	1896	0.0000e+00	-1.0102e+02	0.0000e+00	3.5266e+02	0.0000e+00	2.2004e+04
279	9	0.0000e+00	1.7939e+02	0.0000e+00	-6.4814e+02	0.0000e+00	1.1644e+04
	75	0.0000e+00	-1.7939e+02	0.0000e+00	6.4814e+02	0.0000e+00	-3.9388e+03
280	74	0.0000e+00	1.0474e+02	0.0000e+00	-2.7522e+02	0.0000e+00	1.6804e+04
	1897	0.0000e+00	-1.0474e+02	0.0000e+00	2.7522e+02	0.0000e+00	2.3124e+04
281	8	0.0000e+00	1.7892e+02	0.0000e+00	5.8805e+02	0.0000e+00	1.1649e+04
	74	0.0000e+00	-1.7892e+02	0.0000e+00	-5.8805e+02	0.0000e+00	-4.0005e+03
282	73	0.0000e+00	1.0797e+02	0.0000e+00	-1.8921e+02	0.0000e+00	1.6376e+04
	1898	0.0000e+00	-1.0797e+02	0.0000e+00	1.8921e+02	0.0000e+00	2.4581e+04
283	7	0.0000e+00	1.7938e+02	0.0000e+00	-2.7813e+02	0.0000e+00	1.1597e+04
	73	0.0000e+00	-1.7938e+02	0.0000e+00	2.7813e+02	0.0000e+00	-4.0018e+03
284	71	0.0000e+00	1.0847e+02	0.0000e+00	1.8883e+02	0.0000e+00	1.6398e+04
	1900	0.0000e+00	-1.0847e+02	0.0000e+00	-1.8883e+02	0.0000e+00	2.4737e+04
285	5	0.0000e+00	1.7938e+02	0.0000e+00	2.7644e+02	0.0000e+00	1.1596e+04
	71	0.0000e+00	-1.7938e+02	0.0000e+00	-2.7644e+02	0.0000e+00	-4.0071e+03
286	70	0.0000e+00	1.0571e+02	0.0000e+00	2.7998e+02	0.0000e+00	1.6845e+04
	1901	0.0000e+00	-1.0571e+02	0.0000e+00	-2.7998e+02	0.0000e+00	2.3432e+04
287	4	0.0000e+00	1.7892e+02	0.0000e+00	-5.8937e+02	0.0000e+00	1.1649e+04
	70	0.0000e+00	-1.7892e+02	0.0000e+00	5.8937e+02	0.0000e+00	-4.0108e+03
288	69	0.0000e+00	1.0232e+02	0.0000e+00	3.5370e+02	0.0000e+00	1.6603e+04
	1902	0.0000e+00	-1.0232e+02	0.0000e+00	-3.5370e+02	0.0000e+00	2.2432e+04
289	3	0.0000e+00	1.7939e+02	0.0000e+00	6.4624e+02	0.0000e+00	1.1642e+04
	69	0.0000e+00	-1.7939e+02	0.0000e+00	-6.4624e+02	0.0000e+00	-3.9514e+03
290	68	0.0000e+00	9.6704e+01	0.0000e+00	5.3333e+01	0.0000e+00	1.5203e+04
	1903	0.0000e+00	-9.6704e+01	0.0000e+00	-5.3333e+01	0.0000e+00	2.1396e+04
291	2	0.0000e+00	1.8898e+02	0.0000e+00	8.0404e+01	0.0000e+00	1.1669e+04
	68	0.0000e+00	-1.8898e+02	0.0000e+00	-8.0404e+01	0.0000e+00	-3.6439e+03
292	57	6.5028e+01	-9.5397e-14	3.4590e-01	-2.4585e-02	-3.4590e+00	0.0000e+00
	1950	-6.5028e+01	9.5397e-14	-3.4590e-01	2.4585e-02	0.0000e+00	0.0000e+00
293	34	2.9866e+02	2.3745e-14	-2.9213e-01	-1.8652e-02	3.7977e+00	0.0000e+00
	1938	-2.9866e+02	-2.3745e-14	2.9213e-01	1.8652e-02	0.0000e+00	0.0000e+00
294	37	3.8484e+02	2.3667e-14	-7.5190e-02	-2.9722e-02	9.7747e-01	0.0000e+00
	1940	-3.8484e+02	-2.3667e-14	7.5190e-02	2.9722e-02	0.0000e+00	0.0000e+00
295	38	4.4026e+02	2.3816e-14	-4.9960e-02	-3.2512e-02	6.4948e-01	0.0000e+00
	1941	-4.4026e+02	-2.3816e-14	4.9960e-02	3.2512e-02	0.0000e+00	0.0000e+00
296	39	4.7375e+02	2.3886e-14	-5.2162e-03	-3.3394e-02	6.7811e-02	0.0000e+00
	1942	-4.7375e+02	-2.3886e-14	5.2162e-03	3.3394e-02	0.0000e+00	0.0000e+00
297	40	5.4748e+02	2.4034e-14	-3.1603e-02	-3.5045e-02	4.1084e-01	0.0000e+00

		1943	-5.4748e+02	-2.4034e-14	3.1603e-02	3.5045e-02	0.0000e+00	0.0000e+00
298	41	5.3480e+02	2.4010e-14	-6.7872e-02	-3.6222e-02	8.8234e-01	0.0000e+00	
		1944	-5.3480e+02	-2.4010e-14	6.7872e-02	3.6222e-02	0.0000e+00	0.0000e+00
299	42	5.4214e+02	2.4023e-14	1.0140e-01	-3.7852e-02	-1.3182e+00	0.0000e+00	
		1945	-5.4214e+02	-2.4023e-14	-1.0140e-01	3.7852e-02	0.0000e+00	0.0000e+00
300	43	4.6966e+02	2.3878e-14	1.3270e-01	4.0890e-02	-1.7251e+00	0.0000e+00	
		1946	-4.6966e+02	-2.3878e-14	-1.3270e-01	-4.0890e-02	0.0000e+00	0.0000e+00
301	44	4.2833e+02	2.3797e-14	1.6634e-01	4.3358e-02	-2.1624e+00	0.0000e+00	
		1947	-4.2833e+02	-2.3797e-14	-1.6634e-01	-4.3358e-02	0.0000e+00	0.0000e+00
302	45	3.5958e+02	2.3691e-14	2.1578e-01	4.8847e-02	-2.8052e+00	0.0000e+00	
		1948	-3.5958e+02	-2.3691e-14	-2.1578e-01	-4.8847e-02	0.0000e+00	0.0000e+00
303	46	2.8963e+02	2.3671e-14	1.9519e-01	2.8877e-02	-2.5375e+00	0.0000e+00	
		1949	-2.8963e+02	-2.3671e-14	-1.9519e-01	-2.8877e-02	0.0000e+00	0.0000e+00
304	66	7.4208e+01	-9.5272e-14	5.5734e-01	1.3718e-02	-5.5734e+00	0.0000e+00	
		1959	-7.4208e+01	9.5272e-14	-5.5734e-01	-1.3718e-02	0.0000e+00	0.0000e+00
305	65	3.3519e+01	-9.5141e-14	5.2141e-01	2.0949e-02	-5.2141e+00	0.0000e+00	
		1958	-3.3519e+01	9.5141e-14	-5.2141e-01	-2.0949e-02	0.0000e+00	0.0000e+00
306	64	8.1536e+01	-9.6033e-14	4.8553e-01	2.2779e-02	-4.8553e+00	0.0000e+00	
		1957	-8.1536e+01	9.6033e-14	-4.8553e-01	-2.2779e-02	0.0000e+00	0.0000e+00
307	63	8.8756e+01	-9.6567e-14	4.6417e-01	2.3712e-02	-4.6417e+00	0.0000e+00	
		1956	-8.8756e+01	9.6567e-14	-4.6417e-01	-2.3712e-02	0.0000e+00	0.0000e+00
308	62	1.0521e+02	-9.7631e-14	4.2772e-01	2.4865e-02	-4.2772e+00	0.0000e+00	
		1955	-1.0521e+02	9.7631e-14	-4.2772e-01	-2.4865e-02	0.0000e+00	0.0000e+00
309	61	9.8568e+01	-9.7604e-14	4.0409e-01	-2.5448e-02	-4.0409e+00	0.0000e+00	
		1954	-9.8568e+01	9.7604e-14	-4.0409e-01	2.5448e-02	0.0000e+00	0.0000e+00
310	60	1.0616e+02	-9.7704e-14	3.8434e-01	-2.5814e-02	-3.8434e+00	0.0000e+00	
		1953	-1.0616e+02	9.7704e-14	-3.8434e-01	2.5814e-02	0.0000e+00	0.0000e+00
311	59	8.9326e+01	-9.6596e-14	3.6309e-01	-2.5805e-02	-3.6309e+00	0.0000e+00	
		1952	-8.9326e+01	9.6596e-14	-3.6309e-01	2.5805e-02	0.0000e+00	0.0000e+00
312	58	8.3540e+01	-9.6149e-14	3.5464e-01	-2.5528e-02	-3.5464e+00	0.0000e+00	
		1951	-8.3540e+01	9.6149e-14	-3.5464e-01	2.5528e-02	0.0000e+00	0.0000e+00
313	1936	-2.4208e+01	1.0205e-16	3.7185e-17	-5.8827e-01	0.0000e+00	0.0000e+00	
		1937	2.4208e+01	-1.0205e-16	-3.7185e-17	5.8827e-01	0.0000e+00	0.0000e+00
314	1935	-2.4774e+01	-1.2452e-18	1.3217e-16	-3.1777e-01	0.0000e+00	0.0000e+00	
		1936	2.4774e+01	1.2452e-18	-1.3217e-16	3.1777e-01	0.0000e+00	0.0000e+00
315	1934	-2.4784e+01	0.0000e+00	0.0000e+00	-1.3782e-01	0.0000e+00	0.0000e+00	
		1935	2.4784e+01	0.0000e+00	0.0000e+00	1.3782e-01	0.0000e+00	0.0000e+00
316	1933	-2.4358e+01	2.8883e-18	-2.9403e-17	4.0462e-01	0.0000e+00	0.0000e+00	
		1934	2.4358e+01	-2.8883e-18	2.9403e-17	-4.0462e-01	0.0000e+00	0.0000e+00
317	1932	-2.3400e+01	1.5080e-17	2.1274e-17	6.3515e-01	0.0000e+00	0.0000e+00	
		1933	2.3400e+01	-1.5080e-17	-2.1274e-17	-6.3515e-01	0.0000e+00	0.0000e+00
318	1931	-2.1974e+01	-3.0278e-17	-2.0863e-17	-6.4198e-01	0.0000e+00	0.0000e+00	
		1932	2.1974e+01	3.0278e-17	2.0863e-17	6.4198e-01	0.0000e+00	0.0000e+00
319	1930	-1.9690e+01	-5.4467e-18	-5.9820e-17	-4.0408e-01	0.0000e+00	0.0000e+00	
		1931	1.9690e+01	5.4467e-18	5.9820e-17	4.0408e-01	0.0000e+00	0.0000e+00
320	1929	-1.6578e+01	-1.3001e-18	-1.6270e-16	1.0795e-01	0.0000e+00	0.0000e+00	
		1930	1.6578e+01	1.3001e-18	1.6270e-16	-1.0795e-01	0.0000e+00	0.0000e+00
321	1928	-1.1731e+01	-1.9638e-18	0.0000e+00	3.0232e-01	0.0000e+00	0.0000e+00	
		1929	1.1731e+01	1.9638e-18	0.0000e+00	-3.0232e-01	0.0000e+00	0.0000e+00
322	1927	-2.5251e+00	2.0710e-17	-5.1605e-17	7.2285e-01	0.0000e+00	0.0000e+00	
		1928	2.5251e+00	-2.0710e-17	5.1605e-17	-7.2285e-01	0.0000e+00	0.0000e+00
323	1937	-2.7598e+01	1.0933e+01	5.6809e-01	3.0353e-03	-1.8972e-04	-5.9225e-01	
		1960	2.7598e+01	-1.0933e+01	-5.6809e-01	-3.0353e-03	-4.1018e+01	7.8980e+02
324	1936	-2.5344e+01	1.8790e+01	8.8782e-01	1.6355e-14	1.3378e-12	3.7826e-01	
		1961	2.5344e+01	-1.8790e+01	-8.8782e-01	-1.6355e-14	-6.4102e+01	1.3563e+03

325	1935	-2.6860e+01	1.9914e+01	9.4696e-01	-2.0950e-14	-4.6749e-13	2.8508e-01
	1962	2.6860e+01	-1.9914e+01	-9.4696e-01	2.0950e-14	-6.8372e+01	1.4379e+03
326	1934	-2.9196e+01	2.1645e+01	9.7394e-01	2.5620e-14	-1.8263e-13	3.7573e-01
	1963	2.9196e+01	-2.1645e+01	-9.7394e-01	-2.5620e-14	-7.0319e+01	1.5629e+03
327	1933	-3.6259e+01	2.6882e+01	1.0202e+00	1.8154e-13	7.7745e-13	5.6576e-01
	1964	3.6259e+01	-2.6882e+01	-1.0202e+00	-1.8154e-13	-7.3658e+01	1.9404e+03
328	1932	-3.1955e+01	2.3691e+01	1.0682e+00	-1.7322e-13	2.0284e-12	-1.2782e+00
	1965	3.1955e+01	-2.3691e+01	-1.0682e+00	1.7322e-13	-7.7128e+01	1.7110e+03
329	1931	-3.6603e+01	2.7137e+01	-1.1373e+00	6.2696e-14	-2.9389e-12	5.8188e-01
	1966	3.6603e+01	-2.7137e+01	1.1373e+00	-6.2696e-14	8.2117e+01	1.9588e+03
330	1930	-2.9463e+01	2.1843e+01	-1.2567e+00	1.9904e-14	-1.6715e-12	3.8354e-01
	1967	2.9463e+01	-2.1843e+01	1.2567e+00	-1.9904e-14	9.0738e+01	1.5773e+03
331	1929	-2.7589e+01	2.0454e+01	-1.3628e+00	2.4570e-14	1.0962e-12	2.8526e-01
	1968	2.7589e+01	-2.0454e+01	1.3628e+00	-2.4570e-14	9.8396e+01	1.4769e+03
332	1928	-1.6491e+01	2.0772e+01	-1.5850e+00	-2.2829e-03	1.4269e-04	5.8615e-01
	1969	1.6491e+01	-2.0772e+01	1.5850e+00	2.2829e-03	1.1444e+02	1.4992e+03
333	1927	-1.2616e+01	9.3531e+00	-1.2884e+00	-1.4606e-14	6.4107e-13	-7.2285e-01
	1970	1.2616e+01	-9.3531e+00	1.2884e+00	1.4606e-14	9.3026e+01	6.7590e+02
334	2089	9.1853e+00	-4.5960e-18	4.8999e-18	4.5965e-01	0.0000e+00	0.0000e+00
	2090	-9.1853e+00	4.5960e-18	-4.8999e-18	-4.5965e-01	0.0000e+00	0.0000e+00
335	2083	7.0996e+01	-4.5583e-18	5.5997e-18	-4.2308e-01	0.0000e+00	0.0000e+00
	2084	-7.0996e+01	4.5583e-18	-5.5997e-18	4.2308e-01	0.0000e+00	0.0000e+00
336	2081	1.0193e+00	-7.9683e-18	5.5242e-18	-5.5304e-01	0.0000e+00	0.0000e+00
	2082	-1.0193e+00	7.9683e-18	-5.5242e-18	5.5304e-01	0.0000e+00	0.0000e+00
337	2055	-6.8192e+01	1.8426e-17	-8.0723e-19	2.2726e-01	0.0000e+00	0.0000e+00
	2077	6.8192e+01	-1.8426e-17	8.0723e-19	-2.2726e-01	0.0000e+00	0.0000e+00
338	2077	-4.3124e+01	-1.5206e-17	5.5634e-18	-2.3808e-01	0.0000e+00	0.0000e+00
	2078	4.3124e+01	1.5206e-17	-5.5634e-18	2.3808e-01	0.0000e+00	0.0000e+00
339	2075	-1.4607e+01	-1.5343e-17	5.5768e-18	1.7412e-01	0.0000e+00	0.0000e+00
	2076	1.4607e+01	1.5343e-17	-5.5768e-18	-1.7412e-01	0.0000e+00	0.0000e+00
340	2071	-6.1970e+00	-9.9467e-18	5.3914e-18	4.8812e-01	0.0000e+00	0.0000e+00
	2072	6.1970e+00	9.9467e-18	-5.3914e-18	-4.8812e-01	0.0000e+00	0.0000e+00
341	2087	1.5167e+01	6.9563e-18	5.3877e-18	-3.5705e-02	0.0000e+00	0.0000e+00
	2088	-1.5167e+01	-6.9563e-18	-5.3877e-18	3.5705e-02	0.0000e+00	0.0000e+00
342	2090	1.0719e+01	0.0000e+00	-1.0788e-16	-6.5252e-01	0.0000e+00	0.0000e+00
	2112	-1.0719e+01	0.0000e+00	1.0788e-16	6.5252e-01	0.0000e+00	0.0000e+00
343	2088	1.2185e+01	0.0000e+00	-1.1274e-16	7.3748e-01	0.0000e+00	0.0000e+00
	2111	-1.2185e+01	0.0000e+00	1.1274e-16	-7.3748e-01	0.0000e+00	0.0000e+00
344	2084	2.7901e+01	0.0000e+00	-1.1830e-16	1.0282e+00	0.0000e+00	0.0000e+00
	2109	-2.7901e+01	0.0000e+00	1.1830e-16	-1.0282e+00	0.0000e+00	0.0000e+00
345	2082	-2.5226e+00	0.0000e+00	-1.2067e-16	6.4528e-01	0.0000e+00	0.0000e+00
	2108	2.5226e+00	0.0000e+00	1.2067e-16	-6.4528e-01	0.0000e+00	0.0000e+00
346	2078	-6.4524e+01	0.0000e+00	-1.2105e-16	-2.0578e-01	0.0000e+00	0.0000e+00
	2106	6.4524e+01	0.0000e+00	1.2105e-16	2.0578e-01	0.0000e+00	0.0000e+00
347	2076	-1.4141e+01	0.0000e+00	-1.2369e-16	-9.3720e-01	0.0000e+00	0.0000e+00
	2105	1.4141e+01	0.0000e+00	1.2369e-16	9.3720e-01	0.0000e+00	0.0000e+00
348	2072	-3.3197e+00	0.0000e+00	-1.3078e-16	-1.2594e+00	0.0000e+00	0.0000e+00
	2103	3.3197e+00	0.0000e+00	1.3078e-16	1.2594e+00	0.0000e+00	0.0000e+00
349	2103	-4.7167e+00	0.0000e+00	0.0000e+00	-9.8334e-01	0.0000e+00	0.0000e+00
	2120	4.7167e+00	0.0000e+00	0.0000e+00	9.8334e-01	0.0000e+00	0.0000e+00
350	2105	-1.0874e+01	0.0000e+00	0.0000e+00	-8.2865e-01	0.0000e+00	0.0000e+00
	2122	1.0874e+01	0.0000e+00	0.0000e+00	8.2865e-01	0.0000e+00	0.0000e+00
351	2106	-1.1410e+01	0.0000e+00	0.0000e+00	-3.5205e-01	0.0000e+00	0.0000e+00
	2123	1.1410e+01	0.0000e+00	0.0000e+00	3.5205e-01	0.0000e+00	0.0000e+00
352	2108	-3.6522e+00	0.0000e+00	0.0000e+00	2.9406e-01	0.0000e+00	0.0000e+00

	2125	3.6522e+00	0.0000e+00	0.0000e+00	-2.9406e-01	0.0000e+00	0.0000e+00
353	2109	6.2897e+00	0.0000e+00	0.0000e+00	7.8657e-01	0.0000e+00	0.0000e+00
	1925	-6.2897e+00	0.0000e+00	0.0000e+00	-7.8657e-01	0.0000e+00	0.0000e+00
354	2111	7.7975e+00	0.0000e+00	0.0000e+00	7.4167e-01	0.0000e+00	0.0000e+00
	1983	-7.7975e+00	0.0000e+00	0.0000e+00	-7.4167e-01	0.0000e+00	0.0000e+00
355	2112	1.2621e+01	0.0000e+00	0.0000e+00	-3.1557e-01	0.0000e+00	0.0000e+00
	2005	-1.2621e+01	0.0000e+00	0.0000e+00	3.1557e-01	0.0000e+00	0.0000e+00
356	2085	-4.5685e+01	-5.0172e-17	4.4207e-17	-2.2209e+00	0.0000e+00	0.0000e+00
	1921	4.5685e+01	5.0172e-17	-4.4207e-17	2.2209e+00	0.0000e+00	0.0000e+00
357	1983	4.6142e-01	0.0000e+00	-1.0954e-16	5.7785e-01	0.0000e+00	0.0000e+00
	2059	-4.6142e-01	0.0000e+00	1.0954e-16	-5.7785e-01	0.0000e+00	0.0000e+00
358	2005	1.4823e+01	0.0000e+00	-9.1665e-17	1.8333e+00	0.0000e+00	0.0000e+00
	2085	-1.4823e+01	0.0000e+00	9.1665e-17	-1.8333e+00	0.0000e+00	0.0000e+00
359	1925	-1.6285e+01	0.0000e+00	-1.2075e-16	1.3055e+00	0.0000e+00	0.0000e+00
	2042	1.6285e+01	0.0000e+00	1.2075e-16	-1.3055e+00	0.0000e+00	0.0000e+00
360	2125	-4.1054e+00	0.0000e+00	-1.2479e-16	7.0808e-01	0.0000e+00	0.0000e+00
	2025	4.1054e+00	0.0000e+00	1.2479e-16	-7.0808e-01	0.0000e+00	0.0000e+00
361	2123	1.4905e+01	0.0000e+00	-1.2620e-16	-1.3444e-01	0.0000e+00	0.0000e+00
	2008	-1.4905e+01	0.0000e+00	1.2620e-16	1.3444e-01	0.0000e+00	0.0000e+00
362	2122	-7.4601e+00	0.0000e+00	-1.3096e-16	-1.1902e+00	0.0000e+00	0.0000e+00
	1996	7.4601e+00	0.0000e+00	1.3096e-16	1.1902e+00	0.0000e+00	0.0000e+00
363	2120	-8.8403e+00	0.0000e+00	-1.4324e-16	-1.6098e+00	0.0000e+00	0.0000e+00
	1919	8.8403e+00	0.0000e+00	1.4324e-16	1.6098e+00	0.0000e+00	0.0000e+00
364	2059	-4.4585e+00	-2.1116e-16	4.2232e-17	-4.0677e+00	0.0000e+00	0.0000e+00
	1920	4.4585e+00	2.1116e-16	-4.2232e-17	4.0677e+00	0.0000e+00	0.0000e+00
365	2042	-2.0382e+01	3.7056e-16	3.9635e-17	-2.8823e+00	0.0000e+00	0.0000e+00
	1918	2.0382e+01	-3.7056e-16	-3.9635e-17	2.8823e+00	0.0000e+00	0.0000e+00
366	2025	-3.7378e+00	4.4596e-16	3.8774e-17	-1.1941e-01	0.0000e+00	0.0000e+00
	1917	3.7378e+00	-4.4596e-16	-3.8774e-17	1.1941e-01	0.0000e+00	0.0000e+00
367	2008	-8.3480e+00	4.2158e-16	3.8540e-17	-1.6234e+00	0.0000e+00	0.0000e+00
	2107	8.3480e+00	-4.2158e-16	-3.8540e-17	1.6234e+00	0.0000e+00	0.0000e+00
368	1996	-4.9921e+00	3.1455e-16	3.5475e-17	-3.4163e+00	0.0000e+00	0.0000e+00
	2080	4.9921e+00	-3.1455e-16	-3.5475e-17	3.4163e+00	0.0000e+00	0.0000e+00
369	1919	-5.1072e+01	1.5486e-16	2.0701e-17	3.9271e+00	0.0000e+00	0.0000e+00
	2079	5.1072e+01	-1.5486e-16	-2.0701e-17	-3.9271e+00	0.0000e+00	0.0000e+00
370	2097	-3.7868e+00	9.0448e-17	3.9799e-17	-4.2810e-01	0.0000e+00	0.0000e+00
	2039	3.7868e+00	-9.0448e-17	-3.9799e-17	4.2810e-01	0.0000e+00	0.0000e+00
371	2098	-3.4311e+01	7.6363e-17	4.1935e-17	-7.1009e-01	0.0000e+00	0.0000e+00
	2056	3.4311e+01	-7.6363e-17	-4.1935e-17	7.1009e-01	0.0000e+00	0.0000e+00
372	2119	-9.7791e+00	0.0000e+00	-1.6532e-16	-4.8776e-01	0.0000e+00	0.0000e+00
	2098	9.7791e+00	0.0000e+00	1.6532e-16	4.8776e-01	0.0000e+00	0.0000e+00
373	2118	-5.7140e+00	0.0000e+00	-1.6502e-16	-3.1233e-01	0.0000e+00	0.0000e+00
	2097	5.7140e+00	0.0000e+00	1.6502e-16	3.1233e-01	0.0000e+00	0.0000e+00
374	2102	-9.3246e+00	0.0000e+00	0.0000e+00	-2.2584e-01	0.0000e+00	0.0000e+00
	2119	9.3246e+00	0.0000e+00	0.0000e+00	2.2584e-01	0.0000e+00	0.0000e+00
375	2101	-6.7881e+00	0.0000e+00	0.0000e+00	-6.8656e-02	0.0000e+00	0.0000e+00
	2118	6.7881e+00	0.0000e+00	0.0000e+00	6.8656e-02	0.0000e+00	0.0000e+00
376	2070	-8.8553e+00	0.0000e+00	-1.4458e-16	-3.9785e-01	0.0000e+00	0.0000e+00
	2102	8.8553e+00	0.0000e+00	1.4458e-16	3.9785e-01	0.0000e+00	0.0000e+00
377	2068	-7.4178e+00	0.0000e+00	-1.4409e-16	3.2904e-01	0.0000e+00	0.0000e+00
	2101	7.4178e+00	0.0000e+00	1.4409e-16	-3.2904e-01	0.0000e+00	0.0000e+00
378	2069	-8.3693e+00	2.9175e-18	3.4482e-18	5.4130e-01	0.0000e+00	0.0000e+00
	2070	8.3693e+00	-2.9175e-18	-3.4482e-18	-5.4130e-01	0.0000e+00	0.0000e+00
379	2067	-7.4181e+00	9.0288e-18	1.0873e-18	5.9482e-01	0.0000e+00	0.0000e+00
	2068	7.4181e+00	-9.0288e-18	-1.0873e-18	-5.9482e-01	0.0000e+00	0.0000e+00

380	2022	8.5118e-01	-3.3983e-16	9.4762e-17	4.3925e+00	0.0000e+00	0.0000e+00
	1926	-8.5118e-01	3.3983e-16	-9.4762e-17	-4.3925e+00	0.0000e+00	0.0000e+00
381	1993	1.2882e+00	-3.9724e-16	1.1017e-16	4.7791e-01	0.0000e+00	0.0000e+00
	1924	-1.2882e+00	3.9724e-16	-1.1017e-16	-4.7791e-01	0.0000e+00	0.0000e+00
382	1916	-2.1835e+01	-3.1531e-16	9.2902e-17	-3.7321e+00	0.0000e+00	0.0000e+00
	1923	2.1835e+01	3.1531e-16	-9.2902e-17	3.7321e+00	0.0000e+00	0.0000e+00
383	2086	5.0856e-01	-1.5458e-16	6.0078e-17	-4.8525e+00	0.0000e+00	0.0000e+00
	1922	-5.0856e-01	1.5458e-16	-6.0078e-17	4.8525e+00	0.0000e+00	0.0000e+00
384	2065	7.9744e+00	0.0000e+00	-8.9117e-17	1.6718e+00	0.0000e+00	0.0000e+00
	2022	-7.9744e+00	0.0000e+00	8.9117e-17	-1.6718e+00	0.0000e+00	0.0000e+00
385	2048	1.8890e+00	0.0000e+00	-1.0080e-16	3.0143e-01	0.0000e+00	0.0000e+00
	1993	-1.8890e+00	0.0000e+00	1.0080e-16	-3.0143e-01	0.0000e+00	0.0000e+00
386	2031	1.8966e+01	0.0000e+00	-9.5506e-17	-1.2533e-01	0.0000e+00	0.0000e+00
	1916	-1.8966e+01	0.0000e+00	9.5506e-17	1.2533e-01	0.0000e+00	0.0000e+00
387	2014	3.2847e+00	0.0000e+00	-8.8775e-17	-1.3537e+00	0.0000e+00	0.0000e+00
	2086	-3.2847e+00	0.0000e+00	8.8775e-17	1.3537e+00	0.0000e+00	0.0000e+00
388	2113	4.8318e+00	0.0000e+00	0.0000e+00	-1.8456e+00	0.0000e+00	0.0000e+00
	2014	-4.8318e+00	0.0000e+00	0.0000e+00	1.8456e+00	0.0000e+00	0.0000e+00
389	2114	1.0939e+01	0.0000e+00	0.0000e+00	-1.3326e+00	0.0000e+00	0.0000e+00
	2031	-1.0939e+01	0.0000e+00	0.0000e+00	1.3326e+00	0.0000e+00	0.0000e+00
390	2115	4.5720e+00	0.0000e+00	0.0000e+00	4.3176e-01	0.0000e+00	0.0000e+00
	2048	-4.5720e+00	0.0000e+00	0.0000e+00	-4.3176e-01	0.0000e+00	0.0000e+00
391	2117	2.6168e+00	0.0000e+00	0.0000e+00	2.6999e+00	0.0000e+00	0.0000e+00
	2065	-2.6168e+00	0.0000e+00	0.0000e+00	-2.6999e+00	0.0000e+00	0.0000e+00
392	2092	6.0245e+00	0.0000e+00	-1.2305e-16	-2.4419e+00	0.0000e+00	0.0000e+00
	2113	-6.0245e+00	0.0000e+00	1.2305e-16	2.4419e+00	0.0000e+00	0.0000e+00
393	2094	6.3479e+00	0.0000e+00	-1.5377e-16	-1.7773e+00	0.0000e+00	0.0000e+00
	2114	-6.3479e+00	0.0000e+00	1.5377e-16	1.7773e+00	0.0000e+00	0.0000e+00
394	2096	6.3630e+00	0.0000e+00	-1.6713e-16	4.6925e-01	0.0000e+00	0.0000e+00
	2115	-6.3630e+00	0.0000e+00	1.6713e-16	-4.6925e-01	0.0000e+00	0.0000e+00
395	2100	8.0506e+00	0.0000e+00	-1.4308e-16	3.2994e+00	0.0000e+00	0.0000e+00
	2117	-8.0506e+00	0.0000e+00	1.4308e-16	-3.2994e+00	0.0000e+00	0.0000e+00
396	2091	6.9186e+00	-4.7787e-18	4.3768e-18	7.8076e-01	0.0000e+00	0.0000e+00
	2092	-6.9186e+00	4.7787e-18	-4.3768e-18	-7.8076e-01	0.0000e+00	0.0000e+00
397	2093	1.2069e+01	-1.4677e-17	2.5007e-18	6.0723e-01	0.0000e+00	0.0000e+00
	2094	-1.2069e+01	1.4677e-17	-2.5007e-18	-6.0723e-01	0.0000e+00	0.0000e+00
398	2095	8.0261e+00	-1.9276e-17	5.2706e-18	-6.5545e-02	0.0000e+00	0.0000e+00
	2096	-8.0261e+00	1.9276e-17	-5.2706e-18	6.5545e-02	0.0000e+00	0.0000e+00
399	2099	1.0373e+01	-1.6125e-17	3.7968e-18	-6.4803e-01	0.0000e+00	0.0000e+00
	2100	-1.0373e+01	1.6125e-17	-3.7968e-18	6.4803e-01	0.0000e+00	0.0000e+00
400	2066	1.1856e+01	2.1966e-17	-9.9395e-18	9.8894e-01	0.0000e+00	0.0000e+00
	2099	-1.1856e+01	-2.1966e-17	9.9395e-18	-9.8894e-01	0.0000e+00	0.0000e+00
401	2049	1.3196e+01	0.0000e+00	1.4267e-16	-3.3227e+00	0.0000e+00	0.0000e+00
	2066	-1.3196e+01	0.0000e+00	-1.4267e-16	3.3227e+00	0.0000e+00	0.0000e+00
402	2064	8.7055e+00	2.6761e-17	-1.2094e-17	2.2398e-02	0.0000e+00	0.0000e+00
	2095	-8.7055e+00	-2.6761e-17	1.2094e-17	-2.2398e-02	0.0000e+00	0.0000e+00
403	2063	1.4368e+01	2.0952e-17	-9.9600e-18	-7.6193e-01	0.0000e+00	0.0000e+00
	2093	-1.4368e+01	-2.0952e-17	9.9600e-18	7.6193e-01	0.0000e+00	0.0000e+00
404	2062	7.3288e+00	8.3534e-18	-5.2164e-18	-1.0013e+00	0.0000e+00	0.0000e+00
	2091	-7.3288e+00	-8.3534e-18	5.2164e-18	1.0013e+00	0.0000e+00	0.0000e+00
405	2061	8.4486e+00	4.3814e-18	-1.8851e-18	-5.1363e-01	0.0000e+00	0.0000e+00
	2089	-8.4486e+00	-4.3814e-18	1.8851e-18	5.1363e-01	0.0000e+00	0.0000e+00
406	2060	1.5505e+01	-6.1417e-18	-1.7744e-18	8.8351e-02	0.0000e+00	0.0000e+00
	2087	-1.5505e+01	6.1417e-18	1.7744e-18	-8.8351e-02	0.0000e+00	0.0000e+00
407	2058	4.2699e+01	4.1757e-18	-1.5856e-18	4.8698e-01	0.0000e+00	0.0000e+00

	2083	-4.2699e+01	-4.1757e-18	1.5856e-18	-4.8698e-01	0.0000e+00	0.0000e+00
408	2057	1.3165e+00	1.0623e-17	-1.2840e-18	5.8912e-01	0.0000e+00	0.0000e+00
	2081	-1.3165e+00	-1.0623e-17	1.2840e-18	-5.8912e-01	0.0000e+00	0.0000e+00
409	2054	-1.3676e+01	1.7886e-17	-1.7537e-18	-2.5210e-01	0.0000e+00	0.0000e+00
	2075	1.3676e+01	-1.7886e-17	1.7537e-18	2.5210e-01	0.0000e+00	0.0000e+00
410	2052	-7.6928e+00	1.1210e-17	-3.7620e-18	-5.7882e-01	0.0000e+00	0.0000e+00
	2071	7.6928e+00	-1.1210e-17	3.7620e-18	5.7882e-01	0.0000e+00	0.0000e+00
411	2051	-7.6713e+00	-2.9985e-18	-7.3539e-18	-5.4895e-01	0.0000e+00	0.0000e+00
	2069	7.6713e+00	2.9985e-18	7.3539e-18	5.4895e-01	0.0000e+00	0.0000e+00
412	2050	-7.0386e+00	-9.0427e-18	-8.2331e-18	-5.9659e-01	0.0000e+00	0.0000e+00
	2067	7.0386e+00	9.0427e-18	8.2331e-18	5.9659e-01	0.0000e+00	0.0000e+00
413	2047	8.6531e+00	0.0000e+00	1.6684e-16	-4.6643e-01	0.0000e+00	0.0000e+00
	2064	-8.6531e+00	0.0000e+00	-1.6684e-16	4.6643e-01	0.0000e+00	0.0000e+00
414	2046	1.5505e+01	0.0000e+00	1.5328e-16	1.7932e+00	0.0000e+00	0.0000e+00
	2063	-1.5505e+01	0.0000e+00	-1.5328e-16	-1.7932e+00	0.0000e+00	0.0000e+00
415	2045	7.4275e+00	0.0000e+00	1.2233e-16	2.4493e+00	0.0000e+00	0.0000e+00
	2062	-7.4275e+00	0.0000e+00	-1.2233e-16	-2.4493e+00	0.0000e+00	0.0000e+00
416	2044	7.8668e+00	0.0000e+00	1.0719e-16	6.1489e-01	0.0000e+00	0.0000e+00
	2061	-7.8668e+00	0.0000e+00	-1.0719e-16	-6.1489e-01	0.0000e+00	0.0000e+00
417	2043	1.4550e+01	0.0000e+00	1.1247e-16	-8.0662e-01	0.0000e+00	0.0000e+00
	2060	-1.4550e+01	0.0000e+00	-1.1247e-16	8.0662e-01	0.0000e+00	0.0000e+00
418	2041	6.1133e+01	0.0000e+00	1.1837e-16	-1.1062e+00	0.0000e+00	0.0000e+00
	2058	-6.1133e+01	0.0000e+00	-1.1837e-16	1.1062e+00	0.0000e+00	0.0000e+00
419	2040	2.6578e+00	0.0000e+00	1.2163e-16	-6.5442e-01	0.0000e+00	0.0000e+00
	2057	-2.6578e+00	0.0000e+00	-1.2163e-16	6.5442e-01	0.0000e+00	0.0000e+00
420	2038	-1.9339e+01	0.0000e+00	1.2274e-16	2.6222e-01	0.0000e+00	0.0000e+00
	2055	1.9339e+01	0.0000e+00	-1.2274e-16	-2.6222e-01	0.0000e+00	0.0000e+00
421	2037	-1.0042e+01	0.0000e+00	1.2555e-16	9.9944e-01	0.0000e+00	0.0000e+00
	2054	1.0042e+01	0.0000e+00	-1.2555e-16	-9.9944e-01	0.0000e+00	0.0000e+00
422	2035	-9.4894e+00	0.0000e+00	1.3292e-16	1.3120e+00	0.0000e+00	0.0000e+00
	2052	9.4894e+00	0.0000e+00	-1.3292e-16	-1.3120e+00	0.0000e+00	0.0000e+00
423	2034	-6.4570e+00	0.0000e+00	1.4715e-16	4.0383e-01	0.0000e+00	0.0000e+00
	2051	6.4570e+00	0.0000e+00	-1.4715e-16	-4.0383e-01	0.0000e+00	0.0000e+00
424	2033	-6.1387e+00	0.0000e+00	1.4663e-16	-3.2766e-01	0.0000e+00	0.0000e+00
	2050	6.1387e+00	0.0000e+00	-1.4663e-16	3.2766e-01	0.0000e+00	0.0000e+00
425	2032	1.3957e+01	0.0000e+00	0.0000e+00	-2.1821e+00	0.0000e+00	0.0000e+00
	2049	-1.3957e+01	0.0000e+00	0.0000e+00	2.1821e+00	0.0000e+00	0.0000e+00
426	2030	7.9181e+00	0.0000e+00	0.0000e+00	-3.5232e-01	0.0000e+00	0.0000e+00
	2047	-7.9181e+00	0.0000e+00	0.0000e+00	3.5232e-01	0.0000e+00	0.0000e+00
427	2029	1.5743e+01	0.0000e+00	0.0000e+00	1.0744e+00	0.0000e+00	0.0000e+00
	2046	-1.5743e+01	0.0000e+00	0.0000e+00	-1.0744e+00	0.0000e+00	0.0000e+00
428	2028	6.9521e+00	0.0000e+00	0.0000e+00	1.4939e+00	0.0000e+00	0.0000e+00
	2045	-6.9521e+00	0.0000e+00	0.0000e+00	-1.4939e+00	0.0000e+00	0.0000e+00
429	2027	7.9394e+00	0.0000e+00	0.0000e+00	2.6811e-01	0.0000e+00	0.0000e+00
	2044	-7.9394e+00	0.0000e+00	0.0000e+00	-2.6811e-01	0.0000e+00	0.0000e+00
430	2026	1.0988e+01	0.0000e+00	0.0000e+00	-5.7961e-01	0.0000e+00	0.0000e+00
	2043	-1.0988e+01	0.0000e+00	0.0000e+00	5.7961e-01	0.0000e+00	0.0000e+00
431	2024	7.6973e+00	0.0000e+00	0.0000e+00	-6.1403e-01	0.0000e+00	0.0000e+00
	2041	-7.6973e+00	0.0000e+00	0.0000e+00	6.1403e-01	0.0000e+00	0.0000e+00
432	2023	2.0179e+00	0.0000e+00	0.0000e+00	-2.2874e-01	0.0000e+00	0.0000e+00
	2040	-2.0179e+00	0.0000e+00	0.0000e+00	2.2874e-01	0.0000e+00	0.0000e+00
433	2021	1.1918e+01	0.0000e+00	0.0000e+00	2.7574e-01	0.0000e+00	0.0000e+00
	2038	-1.1918e+01	0.0000e+00	0.0000e+00	-2.7574e-01	0.0000e+00	0.0000e+00
434	2020	-5.1330e+00	0.0000e+00	0.0000e+00	6.5308e-01	0.0000e+00	0.0000e+00
	2037	5.1330e+00	0.0000e+00	0.0000e+00	-6.5308e-01	0.0000e+00	0.0000e+00

435	2018	-1.1355e+01	0.0000e+00	0.0000e+00	7.7558e-01	0.0000e+00	0.0000e+00
	2035	1.1355e+01	0.0000e+00	0.0000e+00	-7.7558e-01	0.0000e+00	0.0000e+00
436	2017	-4.2360e+00	0.0000e+00	0.0000e+00	1.7615e-01	0.0000e+00	0.0000e+00
	2034	4.2360e+00	0.0000e+00	0.0000e+00	-1.7615e-01	0.0000e+00	0.0000e+00
437	2016	-4.8439e+00	0.0000e+00	0.0000e+00	5.5286e-02	0.0000e+00	0.0000e+00
	2033	4.8439e+00	0.0000e+00	0.0000e+00	-5.5286e-02	0.0000e+00	0.0000e+00
438	2015	1.5184e+01	0.0000e+00	1.3483e-16	-3.0867e+00	0.0000e+00	0.0000e+00
	2032	-1.5184e+01	0.0000e+00	-1.3483e-16	3.0867e+00	0.0000e+00	0.0000e+00
439	2013	5.9490e+00	0.0000e+00	1.5880e-16	-6.5931e-01	0.0000e+00	0.0000e+00
	2030	-5.9490e+00	0.0000e+00	-1.5880e-16	6.5931e-01	0.0000e+00	0.0000e+00
440	2012	1.5317e+01	0.0000e+00	1.5107e-16	1.2331e+00	0.0000e+00	0.0000e+00
	2029	-1.5317e+01	0.0000e+00	-1.5107e-16	-1.2331e+00	0.0000e+00	0.0000e+00
441	2011	6.0021e+00	0.0000e+00	1.2929e-16	1.7622e+00	0.0000e+00	0.0000e+00
	2028	-6.0021e+00	0.0000e+00	-1.2929e-16	-1.7622e+00	0.0000e+00	0.0000e+00
442	2010	7.7455e+00	0.0000e+00	1.1531e-16	2.0492e+00	0.0000e+00	0.0000e+00
	2027	-7.7455e+00	0.0000e+00	-1.1531e-16	-2.0492e+00	0.0000e+00	0.0000e+00
443	2009	7.4595e+00	0.0000e+00	1.1558e-16	-2.4457e+00	0.0000e+00	0.0000e+00
	2026	-7.4595e+00	0.0000e+00	-1.1558e-16	2.4457e+00	0.0000e+00	0.0000e+00
444	2007	-9.8435e+00	0.0000e+00	1.1705e-16	-1.5844e+00	0.0000e+00	0.0000e+00
	2024	9.8435e+00	0.0000e+00	-1.1705e-16	1.5844e+00	0.0000e+00	0.0000e+00
445	2006	1.9340e+00	0.0000e+00	1.1806e-16	-4.1189e-01	0.0000e+00	0.0000e+00
	2023	-1.9340e+00	0.0000e+00	-1.1806e-16	4.1189e-01	0.0000e+00	0.0000e+00
446	2004	4.2500e+01	0.0000e+00	1.1804e-16	1.0063e+00	0.0000e+00	0.0000e+00
	2021	-4.2500e+01	0.0000e+00	-1.1804e-16	-1.0063e+00	0.0000e+00	0.0000e+00
447	2003	-3.2276e+00	0.0000e+00	1.1793e-16	2.0026e+00	0.0000e+00	0.0000e+00
	2020	3.2276e+00	0.0000e+00	-1.1793e-16	-2.0026e+00	0.0000e+00	0.0000e+00
448	2001	-1.3297e+01	3.8274e-17	0.0000e+00	2.2440e+00	0.0000e+00	0.0000e+00
	2018	1.3297e+01	-3.8274e-17	0.0000e+00	-2.2440e+00	0.0000e+00	0.0000e+00
449	2000	-4.2899e+00	6.0798e-18	0.0000e+00	3.4363e-01	0.0000e+00	0.0000e+00
	2017	4.2899e+00	-6.0798e-18	0.0000e+00	-3.4363e-01	0.0000e+00	0.0000e+00
450	1999	-3.2416e+00	2.9322e-18	0.0000e+00	3.0903e-01	0.0000e+00	0.0000e+00
	2016	3.2416e+00	-2.9322e-18	0.0000e+00	-3.0903e-01	0.0000e+00	0.0000e+00
451	1982	1.6081e+01	1.9033e-16	-1.5879e-17	-1.2520e+00	0.0000e+00	0.0000e+00
	2015	-1.6081e+01	-1.9033e-16	1.5879e-17	1.2520e+00	0.0000e+00	0.0000e+00
452	1984	2.3719e+00	1.8234e-16	-3.1304e-17	-2.2550e-01	0.0000e+00	0.0000e+00
	2013	-2.3719e+00	-1.8234e-16	3.1304e-17	2.2550e-01	0.0000e+00	0.0000e+00
453	1985	3.0035e+01	1.0403e-16	-4.3657e-17	1.9282e+00	0.0000e+00	0.0000e+00
	2012	-3.0035e+01	-1.0403e-16	4.3657e-17	-1.9282e+00	0.0000e+00	0.0000e+00
454	1986	4.2490e+00	5.6110e-17	-3.9078e-17	2.2216e+00	0.0000e+00	0.0000e+00
	2011	-4.2490e+00	-5.6110e-17	3.9078e-17	-2.2216e+00	0.0000e+00	0.0000e+00
455	1998	5.2729e+01	6.5239e-18	-2.3123e-17	4.8065e+00	0.0000e+00	0.0000e+00
	2010	-5.2729e+01	-6.5239e-18	2.3123e-17	-4.8065e+00	0.0000e+00	0.0000e+00
456	1997	4.9637e+00	2.4209e-16	-2.1919e-17	4.4061e+00	0.0000e+00	0.0000e+00
	2009	-4.9637e+00	-2.4209e-16	2.1919e-17	-4.4061e+00	0.0000e+00	0.0000e+00
457	1995	1.1940e+01	3.8705e-16	-2.9361e-17	2.8214e+00	0.0000e+00	0.0000e+00
	2007	-1.1940e+01	-3.8705e-16	2.9361e-17	-2.8214e+00	0.0000e+00	0.0000e+00
458	1994	1.5056e+00	4.5949e-16	-3.0576e-17	2.7661e-01	0.0000e+00	0.0000e+00
	2006	-1.5056e+00	-4.5949e-16	3.0576e-17	-2.7661e-01	0.0000e+00	0.0000e+00
459	1992	4.2504e+01	4.4036e-16	-3.1094e-17	1.5752e+00	0.0000e+00	0.0000e+00
	2004	-4.2504e+01	-4.4036e-16	3.1094e-17	-1.5752e+00	0.0000e+00	0.0000e+00
460	1991	3.4218e+00	-3.3384e-16	-3.2817e-17	3.4765e+00	0.0000e+00	0.0000e+00
	2003	-3.4218e+00	3.3384e-16	3.2817e-17	-3.4765e+00	0.0000e+00	0.0000e+00
461	1989	1.6946e+01	-1.7014e-16	-3.2924e-17	4.0935e+00	0.0000e+00	0.0000e+00
	2001	-1.6946e+01	1.7014e-16	3.2924e-17	-4.0935e+00	0.0000e+00	0.0000e+00
462	1988	1.5417e+01	-7.7392e-17	-1.9584e-17	7.2472e-01	0.0000e+00	0.0000e+00

	2000	-1.5417e+01	7.7392e-17	1.9584e-17	-7.2472e-01	0.0000e+00	0.0000e+00
463	1987	-9.2357e-01	-9.0603e-17	-2.2230e-17	4.5722e-01	0.0000e+00	0.0000e+00
	1999	9.2357e-01	9.0603e-17	2.2230e-17	-4.5722e-01	0.0000e+00	0.0000e+00
464	1926	-4.4404e+02	-8.7082e+01	8.4468e-01	2.7216e+01	-1.2585e+02	-1.2974e+04
	1981	4.4404e+02	8.7082e+01	-8.4468e-01	-2.7216e+01	0.0000e+00	0.0000e+00
465	1924	-4.4025e+02	5.4616e+00	-5.4679e-01	-6.9175e-01	-1.9536e+02	-1.2436e+04
	1926	4.4025e+02	-5.4616e+00	5.4679e-01	6.9175e-01	1.2876e+02	1.2980e+04
466	1923	-4.2326e+02	5.9783e+01	-2.9013e+00	-1.7073e+01	7.6287e+01	-6.4207e+03
	1924	4.2326e+02	-5.9783e+01	2.9013e+00	1.7073e+01	1.9461e+02	1.2437e+04
467	1922	-4.0645e+02	8.0536e+01	6.1638e-01	-1.4429e+01	1.3052e+01	1.4026e+03
	1923	4.0645e+02	-8.0536e+01	-6.1638e-01	1.4429e+01	-7.6831e+01	6.4163e+03
468	1949	-3.6152e+02	1.8167e+02	1.0050e+00	-1.0596e+01	-4.9193e+01	1.3304e+04
	1922	3.6152e+02	-1.8167e+02	-1.0050e+00	1.0596e+01	-1.6318e+01	-1.4055e+03
469	1921	-2.6461e+02	-8.8671e+01	1.2444e+00	-1.0917e+01	-9.7366e+01	9.8758e+03
	1949	2.6461e+02	8.8671e+01	-1.2444e+00	1.0917e+01	4.9152e+01	-1.3304e+04
470	1920	-2.5170e+02	-7.6294e+01	-2.5439e+00	-1.4378e+01	1.5850e+02	2.0933e+03
	1921	2.5170e+02	7.6294e+01	2.5439e+00	1.4378e+01	9.6916e+01	-9.8802e+03
471	1918	-2.4364e+02	-4.7690e+01	2.8955e+00	-1.3228e+00	-1.3264e+02	-2.4990e+03
	1920	2.4364e+02	4.7690e+01	-2.8955e+00	1.3228e+00	-1.5916e+02	-2.0977e+03
472	1917	-2.1628e+02	-2.1835e+01	-3.3722e+00	-1.2729e+01	2.0326e+02	-4.7325e+03
	1918	2.1628e+02	2.1835e+01	3.3722e+00	1.2729e+01	1.3202e+02	2.4990e+03
473	2107	-2.0136e+02	-3.7722e+00	2.6084e+00	6.7954e+00	-7.2913e+01	-4.8024e+03
	1917	2.0136e+02	3.7722e+00	-2.6084e+00	-6.7954e+00	-2.0355e+02	4.7324e+03
474	2080	-1.7703e+02	1.8534e+01	-9.8013e-01	-9.7999e+00	1.3612e+01	-3.1198e+03
	2107	1.7703e+02	-1.8534e+01	9.8013e-01	9.7999e+00	7.1932e+01	4.8028e+03
475	2079	-1.5790e+02	3.3613e+01	1.8940e+00	7.4926e+00	-1.2180e+02	-1.3258e+03
	2080	1.5790e+02	-3.3613e+01	-1.8940e+00	-7.4926e+00	-5.7543e+00	3.1207e+03
476	2056	-1.1834e+02	-2.3231e+01	2.5357e+00	2.3175e+00	-1.3475e+02	2.9428e+03
	1959	1.1834e+02	2.3231e+01	-2.5357e+00	-2.3175e+00	-8.0837e+01	-4.9375e+03
477	2039	-7.9740e+01	-2.8192e+01	-2.1118e+00	-1.6842e+00	4.2984e+01	-1.6633e+02
	2056	7.9740e+01	2.8192e+01	2.1118e+00	1.6842e+00	1.3478e+02	-2.9425e+03
478	1960	-6.7481e+01	-3.1752e+01	1.0576e+00	2.3305e+00	4.1784e+01	-7.8980e+02
	2039	6.7481e+01	3.1752e+01	-1.0576e+00	-2.3305e+00	-4.2887e+01	1.6589e+02
479	2022	-5.5511e+02	-1.2595e+02	-5.6961e-01	2.7938e+01	8.4867e+01	-1.8765e+04
	1980	5.5511e+02	1.2595e+02	5.6961e-01	-2.7938e+01	0.0000e+00	0.0000e+00
480	1993	-5.4072e+02	9.3324e-01	1.2356e+00	9.6792e+00	-2.3017e+02	-1.8579e+04
	2022	5.4072e+02	-9.3324e-01	-1.2356e+00	-9.6792e+00	-8.8824e+01	1.8762e+04
481	1916	-5.0405e+02	7.9800e+01	-3.7922e+00	-1.2425e+01	1.3812e+02	-1.0524e+04
	1993	5.0405e+02	-7.9800e+01	3.7922e+00	1.2425e+01	2.3004e+02	1.8579e+04
482	2086	-4.7077e+02	1.1459e+02	1.6375e+00	6.5847e+00	-2.2004e+01	1.3142e+02
	1916	4.7077e+02	-1.1459e+02	-1.6375e+00	-6.5847e+00	-1.3852e+02	1.0527e+04
483	1948	-3.9879e+02	2.3636e+02	-4.0936e-01	-1.5114e+01	2.2602e+01	1.6031e+04
	2086	3.9879e+02	-2.3636e+02	4.0936e-01	1.5114e+01	1.7294e+01	-2.4837e+01
484	2085	-2.7869e+02	-1.0015e+02	-6.9627e-01	-1.5046e+01	4.9368e+01	1.2164e+04
	1948	2.7869e+02	1.0015e+02	6.9627e-01	1.5046e+01	-2.2585e+01	-1.6031e+04
485	2059	-2.6403e+02	-8.2409e+01	1.5826e+00	-1.3968e+01	-9.2733e+01	3.6836e+03
	2085	2.6403e+02	8.2409e+01	-1.5826e+00	1.3968e+01	-4.9052e+01	-1.2157e+04
486	2042	-2.4125e+02	-4.9634e+01	-2.0313e+00	-6.2581e-01	1.0989e+02	-4.2327e+02
	2059	2.4125e+02	4.9634e+01	2.0313e+00	6.2581e-01	9.1677e+01	-3.6792e+03
487	2025	-2.1673e+02	-2.0486e+01	1.2652e+00	1.0287e+01	1.5420e+02	-2.9362e+03
	2042	2.1673e+02	2.0486e+01	-1.2652e+00	-1.0287e+01	-1.1036e+02	3.9352e+02
488	2008	-1.8561e+02	-3.2080e+00	2.3309e+00	3.0756e+00	-2.4878e+01	-2.9266e+03
	2025	1.8561e+02	3.2080e+00	-2.3309e+00	-3.0756e+00	-1.5451e+02	2.9382e+03
489	1996	-1.6433e+02	1.1370e+01	-1.7998e+00	-3.7975e+00	1.1866e+02	-2.0052e+03
	2008	1.6433e+02	-1.1370e+01	1.7998e+00	3.7975e+00	2.5344e+01	2.9226e+03

490	1919	-1.3050e+02	2.1472e+01	1.8154e+00	-6.6932e+00	-6.0202e+01	-1.2438e+03
	1996	1.3050e+02	-2.1472e+01	-1.8154e+00	6.6932e+00	-1.1841e+02	1.9977e+03
491	2098	-1.0905e+02	-1.0704e+01	6.0030e-01	-3.4388e+00	-4.1513e+01	1.8902e+03
	1958	1.0905e+02	1.0704e+01	-6.0030e-01	3.4388e+00	3.5278e+00	-2.8307e+03
492	2097	-9.7687e+01	-2.2864e+01	-2.6257e-01	-1.2668e+00	7.1557e+01	-4.6727e+02
	2098	9.7687e+01	2.2864e+01	2.6257e-01	1.2668e+00	4.1389e+01	-1.8922e+03
493	1961	-7.2239e+01	-3.3904e+01	5.3053e-01	2.7762e+00	7.2113e+01	-1.3563e+03
	2097	7.2239e+01	3.3904e+01	-5.3053e-01	-2.7762e+00	-7.1514e+01	4.6739e+02
494	2065	-6.5763e+02	-1.4053e+02	-7.0251e-01	2.6730e+01	1.0467e+02	-2.0937e+04
	1979	6.5763e+02	1.4053e+02	7.0251e-01	-2.6730e+01	0.0000e+00	0.0000e+00
495	2048	-6.4483e+02	5.2693e+00	6.6321e-01	5.9922e+00	-1.9230e+02	-2.0471e+04
	2065	6.4483e+02	-5.2693e+00	-6.6321e-01	-5.9922e+00	-1.0786e+02	2.0938e+04
496	2031	-6.0829e+02	9.2681e+01	-2.9173e+00	-1.2844e+01	8.7616e+01	-1.1171e+04
	2048	6.0829e+02	-9.2681e+01	2.9173e+00	1.2844e+01	1.9197e+02	2.0471e+04
497	2014	-5.7432e+02	1.2928e+02	1.0361e+00	9.4067e+00	-1.3402e+01	1.8096e+03
	2031	5.7432e+02	-1.2928e+02	-1.0361e+00	-9.4067e+00	-8.8051e+01	1.1170e+04
498	1947	-4.9655e+02	2.7540e+02	-1.4567e-01	-1.3331e+01	1.3034e+01	1.9519e+04
	2014	4.9655e+02	-2.7540e+02	1.4567e-01	1.3331e+01	9.5065e+00	-1.8108e+03
499	2005	-3.5371e+02	-1.2590e+02	-4.0738e-01	-1.3243e+01	2.8216e+01	1.4664e+04
	1947	3.5371e+02	1.2590e+02	4.0738e-01	1.3243e+01	-1.2996e+01	-1.9519e+04
500	1983	-3.3165e+02	-1.0559e+02	1.7399e+00	1.2310e+01	-1.4043e+02	3.9764e+03
	2005	3.3165e+02	1.0559e+02	-1.7399e+00	-1.2310e+01	-2.7790e+01	-1.4666e+04
501	1925	-3.1082e+02	-6.5882e+01	-3.1536e+00	-4.8046e+00	1.7418e+02	-2.7026e+03
	1983	3.1082e+02	6.5882e+01	3.1536e+00	4.8046e+00	1.3981e+02	-3.9781e+03
502	2125	-3.0216e+02	-2.9650e+01	1.9572e+00	3.8903e+00	-9.9750e+01	-5.6642e+03
	1925	3.0216e+02	2.9650e+01	-1.9572e+00	-3.8903e+00	-1.7420e+02	2.7013e+03
503	2123	-2.7136e+02	-3.8668e+00	1.4968e+00	3.1885e+00	-9.9066e+01	-5.6818e+03
	2125	2.7136e+02	3.8668e+00	-1.4968e+00	-3.1885e+00	9.9725e+01	5.6637e+03
504	2122	-2.1872e+02	2.2627e+01	-9.0356e-01	-7.2941e+00	6.8390e+01	-3.5868e+03
	2123	2.1872e+02	-2.2627e+01	9.0356e-01	7.2941e+00	9.8852e+01	5.6825e+03
505	2120	-1.8300e+02	3.8554e+01	1.1081e+00	6.1317e+00	-3.5089e+01	-1.4203e+03
	2122	1.8300e+02	-3.8554e+01	-1.1081e+00	-6.1317e+00	-6.7723e+01	3.5883e+03
506	2119	-1.4167e+02	-2.6219e+01	3.4546e-01	-3.5612e+00	-2.4370e+01	3.3616e+03
	1957	1.4167e+02	2.6219e+01	-3.4546e-01	3.5612e+00	1.2172e+01	-5.6129e+03
507	2118	-1.1135e+02	-3.4688e+01	-6.3992e-01	-2.8643e+00	8.1242e+01	-3.2692e+02
	2119	1.1135e+02	3.4688e+01	6.3992e-01	2.8643e+00	2.4278e+01	-3.3613e+03
508	1962	-8.4848e+01	-4.5741e+01	2.4438e-01	2.8158e+00	7.6508e+01	-1.4379e+03
	2118	8.4848e+01	4.5741e+01	-2.4438e-01	-2.8158e+00	-8.1244e+01	3.2709e+02
509	2117	-7.2136e+02	-1.5384e+02	8.5633e-01	2.7841e+01	-1.2759e+02	-2.2921e+04
	1978	7.2136e+02	1.5384e+02	-8.5633e-01	-2.7841e+01	0.0000e+00	0.0000e+00
510	2115	-7.0753e+02	5.7698e+00	-4.1933e-01	4.1748e+00	-1.7342e+02	-2.2402e+04
	2117	7.0753e+02	-5.7698e+00	4.1933e-01	-4.1748e+00	1.3052e+02	2.2922e+04
511	2114	-6.6773e+02	1.0154e+02	-2.5339e+00	-1.3333e+01	6.7446e+01	-1.2209e+04
	2115	6.6773e+02	-1.0154e+02	2.5339e+00	1.3333e+01	1.7296e+02	2.2402e+04
512	2113	-6.3077e+02	1.4151e+02	8.0316e-01	-1.0913e+01	-7.9097e+00	1.9526e+03
	2114	6.3077e+02	-1.4151e+02	-8.0316e-01	1.0913e+01	-6.7880e+01	1.2209e+04
513	1946	-5.4584e+02	3.0188e+02	-1.3214e-01	-1.2513e+01	8.3200e+00	2.1401e+04
	2113	5.4584e+02	-3.0188e+02	1.3214e-01	1.2513e+01	5.0076e+00	-1.9531e+03
514	2112	-3.8924e+02	-1.3814e+02	-2.2804e-01	-1.2423e+01	1.6876e+01	1.6074e+04
	1946	3.8924e+02	1.3814e+02	2.2804e-01	1.2423e+01	-8.2612e+00	-2.1401e+04
515	2111	-3.6537e+02	-1.1592e+02	1.5803e+00	1.1669e+01	-1.3656e+02	4.3364e+03
	2112	3.6537e+02	1.1592e+02	-1.5803e+00	-1.1669e+01	-1.6329e+01	-1.6074e+04
516	2109	-3.4288e+02	-7.2263e+01	-3.0328e+00	-2.1642e+00	1.6514e+02	-2.9851e+03
	2111	3.4288e+02	7.2263e+01	3.0328e+00	2.1642e+00	1.3605e+02	-4.3364e+03
517	2108	-3.3151e+02	-3.2209e+01	2.0350e+00	5.3731e+00	-7.8105e+01	-6.2091e+03

	2109	3.3151e+02	3.2209e+01	-2.0350e+00	-5.3731e+00	-1.6507e+02	2.9853e+03
518	2106	-2.9804e+02	-3.8853e+00	1.2119e+00	2.9847e+00	-9.2065e+01	-6.1954e+03
	2108	2.9804e+02	3.8853e+00	-1.2119e+00	-2.9847e+00	7.7977e+01	6.2094e+03
519	2105	-2.3769e+02	2.4680e+01	-1.0636e+00	-6.7541e+00	4.9461e+01	-3.8879e+03
	2106	2.3769e+02	-2.4680e+01	1.0636e+00	6.7541e+00	9.1868e+01	6.1957e+03
520	2103	-1.9887e+02	4.2016e+01	8.0856e-01	5.8411e+00	-2.4410e+01	-1.4426e+03
	2105	1.9887e+02	-4.2016e+01	-8.0856e-01	-5.8411e+00	-4.8648e+01	3.8878e+03
521	2102	-1.5406e+02	-2.8416e+01	2.4567e-01	-3.6165e+00	-1.5960e+01	3.6429e+03
	1956	1.5406e+02	2.8416e+01	-2.4567e-01	3.6165e+00	1.2922e+01	-6.0828e+03
522	2101	-1.2110e+02	-3.7679e+01	-7.6292e-01	-3.2410e+00	8.5257e+01	-3.4069e+02
	2102	1.2110e+02	3.7679e+01	7.6292e-01	3.2410e+00	1.5879e+01	-3.6431e+03
523	1963	-9.2290e+01	-4.9735e+01	1.5591e-01	2.8719e+00	7.8608e+01	-1.5629e+03
	2101	9.2290e+01	4.9735e+01	-1.5591e-01	-2.8719e+00	-8.5271e+01	3.4089e+02
524	2100	-8.3004e+02	-1.7964e+02	8.7964e-01	2.6747e+01	-1.3106e+02	-2.6765e+04
	1977	8.3004e+02	1.7964e+02	-8.7964e-01	-2.6747e+01	0.0000e+00	0.0000e+00
525	2099	-8.2289e+02	-1.7430e+02	9.2321e-01	2.7014e+01	-1.3755e+02	-2.5969e+04
	1976	8.2289e+02	1.7430e+02	-9.2321e-01	-2.7014e+01	0.0000e+00	0.0000e+00
526	2096	-8.1211e+02	6.0387e+00	-2.4287e-01	-2.3683e+00	-1.5852e+02	-2.6204e+04
	2100	8.1211e+02	-6.0387e+00	2.4287e-01	2.3683e+00	1.3374e+02	2.6761e+04
527	2095	-8.0807e+02	6.5380e+00	-3.0524e-01	-2.1787e+00	-1.4982e+02	-2.5360e+04
	2099	8.0807e+02	-6.5380e+00	3.0524e-01	2.1787e+00	1.4019e+02	2.5970e+04
528	2094	-7.6318e+02	1.1842e+02	-2.1748e+00	-1.3490e+01	4.9921e+01	-1.4309e+04
	2096	7.6318e+02	-1.1842e+02	2.1748e+00	1.3490e+01	1.5796e+02	2.6203e+04
529	2093	-7.6407e+02	1.1510e+02	-2.0037e+00	-1.3748e+01	4.5515e+01	-1.3799e+04
	2095	7.6407e+02	-1.1510e+02	2.0037e+00	1.3748e+01	1.4917e+02	2.5360e+04
530	2092	-7.1767e+02	1.6622e+02	5.7921e-01	-1.1803e+01	7.9998e+00	2.2030e+03
	2094	7.1767e+02	-1.6622e+02	-5.7921e-01	1.1803e+01	-5.0346e+01	1.4311e+04
531	2091	-7.2328e+02	1.5986e+02	4.8582e-01	-1.2414e+01	1.4537e+01	2.0866e+03
	2093	7.2328e+02	-1.5986e+02	-4.8582e-01	1.2414e+01	-4.5897e+01	1.3797e+04
532	1945	-6.1679e+02	3.4956e+02	-9.8928e-02	1.1424e+01	3.4158e+00	2.4814e+04
	2092	6.1679e+02	-3.4956e+02	9.8928e-02	-1.1424e+01	-7.4285e+00	-2.2000e+03
533	1944	-6.2797e+02	3.4330e+02	1.4568e-01	1.0731e+01	3.9341e+00	2.4299e+04
	2091	6.2797e+02	-3.4330e+02	-1.4568e-01	-1.0731e+01	-1.3129e+01	-2.0882e+03
534	2090	-4.3606e+02	-1.5846e+02	-1.0242e-01	1.1337e+01	7.8783e+00	1.8702e+04
	1945	4.3606e+02	1.5846e+02	1.0242e-01	-1.1337e+01	-3.2851e+00	-2.4814e+04
535	2089	-4.4968e+02	-1.5770e+02	1.0012e-01	1.0665e+01	-3.2216e+00	1.8217e+04
	1944	4.4968e+02	1.5770e+02	-1.0012e-01	-1.0665e+01	-4.0108e+00	-2.4299e+04
536	2088	-4.0636e+02	-1.3261e+02	1.2571e+00	1.0814e+01	-1.1380e+02	5.2660e+03
	2090	4.0636e+02	1.3261e+02	-1.2571e+00	-1.0814e+01	-7.1058e+00	-1.8701e+04
537	2087	-4.2365e+02	-1.3252e+02	3.9169e-01	1.0506e+01	-3.5014e+01	4.7948e+03
	2089	4.2365e+02	1.3252e+02	-3.9169e-01	-1.0506e+01	3.7064e+00	-1.8217e+04
538	2084	-3.7812e+02	-8.3316e+01	-2.4214e+00	-6.0214e+00	1.2464e+02	-3.1630e+03
	2088	3.7812e+02	8.3316e+01	2.4214e+00	6.0214e+00	1.1344e+02	-5.2668e+03
539	2083	-3.9928e+02	-8.2255e+01	-5.7287e-01	-7.7926e+00	1.3903e+01	-3.5318e+03
	2087	3.9928e+02	8.2255e+01	5.7287e-01	7.7926e+00	3.4298e+01	-4.7947e+03
540	2082	-3.6373e+02	-3.8793e+01	2.2241e+00	3.9809e+00	-7.1780e+01	-7.0552e+03
	2084	3.6373e+02	3.8793e+01	-2.2241e+00	-3.9809e+00	-1.2443e+02	3.1615e+03
541	2081	-3.5205e+02	-3.3924e+01	4.3961e-01	6.5474e+00	-3.5992e+01	-6.9351e+03
	2083	3.5205e+02	3.3924e+01	-4.3961e-01	-6.5474e+00	-1.3239e+01	3.5326e+03
542	2078	-3.2290e+02	-4.7969e+00	-1.0287e+00	-2.7816e+00	3.2917e+01	-7.3998e+03
	2082	3.2290e+02	4.7969e+00	1.0287e+00	2.7816e+00	7.1836e+01	7.0540e+03
543	2077	-3.1513e+02	-3.2228e+00	-1.2783e+00	-5.3666e+00	8.7548e+01	-6.8901e+03
	2081	3.1513e+02	3.2228e+00	1.2783e+00	5.3666e+00	3.6974e+01	6.9362e+03
544	2076	-2.9174e+02	2.8548e+01	3.9626e-01	7.8839e-01	4.9719e+01	-4.6690e+03
	2078	2.9174e+02	-2.8548e+01	-3.9626e-01	-7.8839e-01	-3.3021e+01	7.3998e+03

545	2075	-2.6127e+02	2.7737e+01	1.2064e+00	3.9844e+00	-1.9147e+01	-4.2264e+03
	2077	2.6127e+02	-2.7737e+01	-1.2064e+00	-3.9844e+00	-8.7619e+01	6.8906e+03
546	2072	-2.4435e+02	4.9923e+01	-6.3135e-01	5.4235e+00	1.2496e+01	-1.3078e+03
	2076	2.4435e+02	-4.9923e+01	6.3135e-01	-5.4235e+00	-4.9416e+01	4.6702e+03
547	2071	-2.1848e+02	4.6852e+01	-3.1475e-01	5.3969e+00	7.4182e+00	-1.2165e+03
	2075	2.1848e+02	-4.6852e+01	3.1475e-01	-5.3969e+00	1.7933e+01	4.2259e+03
548	2070	-1.8824e+02	-3.2782e+01	-1.7138e-01	-3.6539e+00	-5.6271e+00	4.2080e+03
	1955	1.8824e+02	3.2782e+01	1.7138e-01	3.6539e+00	1.2725e+01	-7.0229e+03
549	2069	-1.6966e+02	-3.1221e+01	-1.8207e-01	-3.6411e+00	3.5015e+00	4.0049e+03
	1954	1.6966e+02	3.1221e+01	1.8207e-01	3.6411e+00	1.2356e+01	-6.6857e+03
550	2068	-1.4755e+02	-4.4464e+01	-8.8840e-01	-3.6261e+00	9.1080e+01	-4.1689e+02
	2070	1.4755e+02	4.4464e+01	8.8840e-01	3.6261e+00	5.6091e+00	-4.2076e+03
551	2067	-1.3349e+02	-4.1555e+01	9.8099e-01	-3.9242e+00	9.6349e+01	-3.1662e+02
	2069	1.3349e+02	4.1555e+01	-9.8099e-01	3.9242e+00	-3.7950e+00	-4.0050e+03
552	1964	-1.1181e+02	-5.9666e+01	3.2527e-01	2.9961e+00	8.2295e+01	-1.9404e+03
	2068	1.1181e+02	5.9666e+01	-3.2527e-01	-2.9961e+00	-9.1103e+01	4.1721e+02
553	1965	-1.0191e+02	-5.4877e+01	3.8270e-01	-3.1108e+00	8.6122e+01	-1.7110e+03
	2067	1.0191e+02	5.4877e+01	-3.8270e-01	3.1108e+00	-9.6379e+01	3.1575e+02
554	2066	-8.3825e+02	-1.8145e+02	9.3155e-01	2.7208e+01	-1.3879e+02	-2.7034e+04
	1975	8.3825e+02	1.8145e+02	-9.3155e-01	-2.7208e+01	0.0000e+00	0.0000e+00
555	2064	-8.2014e+02	6.0758e+00	-6.2330e-01	-4.2374e+00	1.4513e+02	-2.6469e+04
	2066	8.2014e+02	-6.0758e+00	6.2330e-01	4.2374e+00	1.4150e+02	2.7029e+04
556	2063	-7.7071e+02	1.1959e+02	-1.9278e+00	-1.3954e+01	4.6609e+01	-1.4456e+04
	2064	7.7071e+02	-1.1959e+02	1.9278e+00	1.3954e+01	-1.4439e+02	2.6468e+04
557	2062	-7.2473e+02	1.6787e+02	-4.0953e-01	-1.2715e+01	2.0114e+01	2.2161e+03
	2063	7.2473e+02	-1.6787e+02	4.0953e-01	1.2715e+01	-4.6962e+01	1.4459e+04
558	1943	-6.2284e+02	3.5302e+02	2.1105e-01	1.0155e+01	3.7634e+00	2.5053e+04
	2062	6.2284e+02	-3.5302e+02	-2.1105e-01	-1.0155e+01	-1.8602e+01	-2.2130e+03
559	2061	-4.4034e+02	-1.6000e+02	1.6758e-01	1.0097e+01	-3.4408e+00	1.8881e+04
	1943	4.4034e+02	1.6000e+02	-1.6758e-01	-1.0097e+01	-3.6950e+00	-2.5053e+04
560	2060	-4.1033e+02	-1.3390e+02	4.1524e-01	1.0174e+01	-4.0042e+01	5.3143e+03
	2061	4.1033e+02	1.3390e+02	-4.1524e-01	-1.0174e+01	3.6631e+00	-1.8880e+04
561	2058	-3.8181e+02	-8.4124e+01	4.6127e-01	6.0838e+00	-4.1937e+01	-3.1959e+03
	2060	3.8181e+02	8.4124e+01	-4.6127e-01	-6.0838e+00	4.0864e+01	-5.3152e+03
562	2057	-3.5723e+02	-3.8674e+01	4.8854e-01	-7.0085e+00	-6.3748e+01	-7.0759e+03
	2058	3.5723e+02	3.8674e+01	-4.8854e-01	7.0085e+00	4.2082e+01	3.1943e+03
563	2055	-3.1601e+02	-5.1482e+00	-2.8091e+00	-1.0995e+01	1.9989e+02	-7.4746e+03
	2057	3.1601e+02	5.1482e+00	2.8091e+00	1.0995e+01	6.2400e+01	7.0746e+03
564	2054	-2.9450e+02	2.8813e+01	3.0525e+00	1.0440e+01	-9.5381e+01	-4.7168e+03
	2055	2.9450e+02	-2.8813e+01	-3.0525e+00	-1.0440e+01	-1.9991e+02	7.4747e+03
565	2052	-2.4667e+02	5.0393e+01	-1.0840e+00	5.4041e+00	1.4166e+01	-1.3071e+03
	2054	2.4667e+02	-5.0393e+01	1.0840e+00	-5.4041e+00	9.6102e+01	4.7181e+03
566	2051	-1.9001e+02	-3.3049e+01	-2.4705e-01	-3.5381e+00	8.4028e+00	4.2424e+03
	1953	1.9001e+02	3.3049e+01	2.4705e-01	3.5381e+00	1.3880e+01	-7.0802e+03
567	2050	-1.4893e+02	-4.4847e+01	1.1024e+00	4.3089e+00	-1.0347e+02	-4.2046e+02
	2051	1.4893e+02	4.4847e+01	-1.1024e+00	-4.3089e+00	-8.7553e+00	-4.2420e+03
568	1966	-1.1286e+02	-6.0198e+01	-4.2792e-01	-3.2561e+00	-9.1609e+01	-1.9588e+03
	2050	1.1286e+02	6.0198e+01	4.2792e-01	3.2561e+00	1.0351e+02	4.2080e+02
569	2049	-7.2767e+02	-1.5538e+02	8.9355e-01	2.6314e+01	-1.3313e+02	-2.3150e+04
	1974	7.2767e+02	1.5538e+02	-8.9355e-01	-2.6314e+01	0.0000e+00	0.0000e+00
570	2047	-7.1363e+02	5.7358e+00	-6.4435e-01	-5.2013e+00	1.4766e+02	-2.2634e+04
	2049	7.1363e+02	-5.7358e+00	6.4435e-01	5.2013e+00	1.3581e+02	2.3151e+04
571	2046	-6.7336e+02	1.0244e+02	1.9656e+00	-1.4110e+01	-5.0644e+01	-1.2352e+04
	2047	6.7336e+02	-1.0244e+02	-1.9656e+00	1.4110e+01	-1.4689e+02	2.2634e+04
572	2045	-6.3593e+02	1.4284e+02	-2.3562e-01	-1.2701e+01	2.6346e+01	1.9417e+03

	2046	6.3593e+02	-1.4284e+02	2.3562e-01	1.2701e+01	5.1016e+01	1.2351e+04
573	1942	-5.5011e+02	3.0457e+02	3.3340e-01	9.2816e+00	-1.5710e+00	2.1565e+04
	2045	5.5011e+02	-3.0457e+02	-3.3340e-01	-9.2816e+00	-2.4879e+01	-1.9425e+03
574	2044	-3.9214e+02	-1.3928e+02	3.0759e-01	9.2742e+00	-6.9843e+00	1.6193e+04
	1942	3.9214e+02	1.3928e+02	-3.0759e-01	-9.2742e+00	1.5669e+00	-2.1565e+04
575	2043	-3.6795e+02	-1.1684e+02	-5.6447e-01	9.9970e+00	5.3517e+01	4.3620e+03
	2044	3.6795e+02	1.1684e+02	5.6447e-01	-9.9970e+00	7.9189e+00	-1.6194e+04
576	2041	-3.4513e+02	-7.2845e+01	1.7871e+00	9.6104e+00	-1.6252e+02	-3.0179e+03
	2043	3.4513e+02	7.2845e+01	-1.7871e+00	-9.6104e+00	-5.5285e+01	-4.3619e+03
577	2040	-2.8979e+02	-3.0312e+01	-5.3219e-01	-4.4191e+00	-8.9774e+01	-6.0500e+03
	2041	2.8979e+02	3.0312e+01	5.3219e-01	4.4191e+00	1.6286e+02	3.0183e+03
578	2038	-2.5596e+02	-4.2873e+00	-2.3875e+00	-1.1761e+01	2.2512e+02	-6.2666e+03
	2040	2.5596e+02	4.2873e+00	2.3875e+00	1.1761e+01	9.0649e+01	6.0504e+03
579	2037	-2.3988e+02	2.4845e+01	3.4404e+00	1.2380e+01	-1.0876e+02	-3.9407e+03
	2038	2.3988e+02	-2.4845e+01	-3.4404e+00	-1.2380e+01	-2.2509e+02	6.2666e+03
580	2035	-2.0070e+02	4.2342e+01	-1.3228e+00	5.8141e+00	2.4519e+01	-1.4353e+03
	2037	2.0070e+02	-4.2342e+01	1.3228e+00	-5.8141e+00	1.0961e+02	3.9404e+03
581	2034	-1.5538e+02	-2.8508e+01	-3.7699e-01	-3.3014e+00	1.1816e+01	3.6554e+03
	1952	1.5538e+02	2.8508e+01	3.7699e-01	3.3014e+00	1.9109e+01	-6.1032e+03
582	2033	-1.2212e+02	-3.7864e+01	1.3073e+00	4.9822e+00	-1.1539e+02	-3.4511e+02
	2034	1.2212e+02	3.7864e+01	-1.3073e+00	-4.9822e+00	-1.2391e+01	-3.6556e+03
583	1967	-9.3036e+01	-5.0040e+01	-4.9029e-01	-3.4623e+00	-1.0102e+02	-1.5773e+03
	2033	9.3036e+01	5.0040e+01	4.9029e-01	3.4623e+00	1.1545e+02	3.4530e+02
584	2032	-6.7602e+02	-1.4458e+02	8.4056e-01	2.7024e+01	-1.2524e+02	-2.1541e+04
	1973	6.7602e+02	1.4458e+02	-8.4056e-01	-2.7024e+01	0.0000e+00	0.0000e+00
585	2030	-6.6281e+02	5.3367e+00	-1.2449e+00	-8.2157e+00	1.4503e+02	-2.1065e+04
	2032	6.6281e+02	-5.3367e+00	1.2449e+00	8.2157e+00	1.2838e+02	2.1540e+04
586	2029	-6.2517e+02	9.5270e+01	1.9568e+00	-1.4400e+01	-5.2331e+01	-1.1504e+04
	2030	6.2517e+02	-9.5270e+01	-1.9568e+00	1.4400e+01	-1.4408e+02	2.1065e+04
587	2028	-5.9016e+02	1.3295e+02	-3.8880e-01	-1.2642e+01	3.4207e+01	1.8305e+03
	2029	5.9016e+02	-1.3295e+02	3.8880e-01	1.2642e+01	5.2783e+01	1.1504e+04
588	1941	-5.1014e+02	2.8312e+02	3.9880e-01	8.8227e+00	-5.0375e+00	2.0044e+04
	2028	5.1014e+02	-2.8312e+02	-3.9880e-01	-8.8227e+00	-3.2987e+01	-1.8299e+03
589	2027	-3.6332e+02	-1.2935e+02	3.8640e-01	8.8424e+00	-9.9899e+00	1.5056e+04
	1941	3.6332e+02	1.2935e+02	-3.8640e-01	-8.8424e+00	5.0148e+00	-2.0044e+04
590	2026	-3.4059e+02	-1.0847e+02	-8.2631e-01	1.0007e+01	7.0920e+01	4.0731e+03
	2027	3.4059e+02	1.0847e+02	8.2631e-01	-1.0007e+01	8.8232e+00	-1.5055e+04
591	2024	-3.1914e+02	-6.7674e+01	1.5952e+00	1.0519e+01	-1.6150e+02	-2.7877e+03
	2026	3.1914e+02	6.7674e+01	-1.5952e+00	-1.0519e+01	-7.2391e+01	-4.0726e+03
592	2023	-2.6937e+02	-2.8436e+01	-1.0615e+00	-6.0193e+00	-1.1208e+02	-5.6282e+03
	2024	2.6937e+02	2.8436e+01	1.0615e+00	6.0193e+00	1.6196e+02	2.7878e+03
593	2021	-2.3770e+02	-4.3410e+00	-2.0751e+00	-1.1048e+01	2.1752e+02	-5.8561e+03
	2023	2.3770e+02	4.3410e+00	2.0751e+00	1.1048e+01	1.1278e+02	5.6280e+03
594	2020	-2.2463e+02	2.3195e+01	3.2955e+00	1.2245e+01	-1.0074e+02	-3.6996e+03
	2021	2.2463e+02	-2.3195e+01	-3.2955e+00	-1.2245e+01	-2.1746e+02	5.8558e+03
595	2018	-1.8795e+02	3.9561e+01	-1.3610e+00	6.2541e+00	3.5704e+01	-1.4161e+03
	2020	1.8795e+02	-3.9561e+01	1.3610e+00	-6.2541e+00	1.0168e+02	3.6994e+03
596	2017	-1.4545e+02	-2.6750e+01	-5.1875e-01	-2.9845e+00	9.9025e+00	3.4299e+03
	1951	1.4545e+02	2.6750e+01	5.1875e-01	2.9845e+00	2.6245e+01	-5.7269e+03
597	2016	-1.1430e+02	-3.5469e+01	1.4915e+00	5.5864e+00	-1.2591e+02	-3.3358e+02
	2017	1.1430e+02	3.5469e+01	-1.4915e+00	-5.5864e+00	-1.0971e+01	-3.4300e+03
598	1968	-8.7070e+01	-4.6840e+01	-5.5108e-01	-3.6303e+00	-1.0937e+02	-1.4769e+03
	2016	8.7070e+01	4.6840e+01	5.5108e-01	3.6303e+00	1.2598e+02	3.3375e+02
599	2015	-5.5676e+02	-1.2240e+02	7.1871e-01	2.6368e+01	-1.0708e+02	-1.8236e+04
	1972	5.5676e+02	1.2240e+02	-7.1871e-01	-2.6368e+01	0.0000e+00	0.0000e+00

600	2013	-5.4238e+02	3.6960e+00	-1.5180e+00	-1.0756e+01	1.5279e+02	-1.7814e+04
	2015	5.4238e+02	-3.6960e+00	1.5180e+00	1.0756e+01	1.1080e+02	1.8237e+04
601	2012	-5.0646e+02	8.1731e+01	2.0841e+00	-1.4794e+01	-5.3372e+01	-9.5779e+03
	2013	5.0646e+02	-8.1731e+01	-2.0841e+00	1.4794e+01	-1.5169e+02	1.7816e+04
602	2011	-4.8338e+02	1.1722e+02	-8.0822e-01	-1.2135e+01	4.5119e+01	1.6931e+03
	2012	4.8338e+02	-1.1722e+02	8.0822e-01	1.2135e+01	5.4034e+01	9.5790e+03
603	1940	-4.1132e+02	2.4153e+02	4.6504e-01	7.4687e+00	-1.6421e+01	1.7599e+04
	2011	4.1132e+02	-2.4153e+02	-4.6504e-01	-7.4687e+00	-4.4093e+01	-1.6900e+03
604	2010	-2.8300e+02	-1.1864e+02	4.6322e-01	7.5861e+00	-2.9604e+01	1.3013e+04
	1940	2.8300e+02	1.1864e+02	-4.6322e-01	-7.5861e+00	1.6393e+01	-1.7599e+04
605	2009	-2.8686e+02	-9.6169e+01	-1.4386e+00	9.9697e+00	1.1235e+02	3.1814e+03
	2010	2.8686e+02	9.6169e+01	1.4386e+00	-9.9697e+00	2.8890e+01	-1.3014e+04
606	2007	-2.6498e+02	-6.0886e+01	1.5551e+00	9.0261e+00	-8.5411e+01	-2.6408e+03
	2009	2.6498e+02	6.0886e+01	-1.5551e+00	-9.0261e+00	-1.1316e+02	-3.1842e+03
607	2006	-2.4538e+02	-2.2199e+01	-2.2251e+00	-1.0693e+01	1.6303e+02	-4.9476e+03
	2007	2.4538e+02	2.2199e+01	2.2251e+00	1.0693e+01	8.6550e+01	2.6425e+03
608	2004	-2.1331e+02	-3.8712e+00	-1.8427e+00	-2.8275e+00	9.6721e+01	-4.7973e+03
	2006	2.1331e+02	3.8712e+00	1.8427e+00	2.8275e+00	-1.6341e+02	4.9484e+03
609	2003	-1.7836e+02	2.0786e+01	9.6329e-01	6.7461e+00	-6.1190e+01	-2.8773e+03
	2004	1.7836e+02	-2.0786e+01	-9.6329e-01	-6.7461e+00	-9.6525e+01	4.7975e+03
610	2001	-1.4158e+02	3.1984e+01	-5.6087e-01	7.3514e+00	5.5457e+01	-1.2911e+03
	2003	1.4158e+02	-3.1984e+01	5.6087e-01	-7.3514e+00	6.0371e+01	2.8766e+03
611	2000	-1.1672e+02	-2.2178e+01	-8.6018e-01	-1.9624e+00	1.9514e+01	2.8624e+03
	1950	1.1672e+02	2.2178e+01	8.6018e-01	1.9624e+00	4.4298e+01	-4.7668e+03
612	1999	-1.0235e+02	-3.1192e+01	1.8820e+00	6.8614e+00	-1.4800e+02	-3.8156e+02
	2000	1.0235e+02	3.1192e+01	-1.8820e+00	-6.8614e+00	-1.8372e+01	-2.8629e+03
613	1969	-7.4506e+01	-4.3709e+01	-6.9916e-01	-3.9751e+00	-1.2683e+02	-1.4992e+03
	1999	7.4506e+01	4.3709e+01	6.9916e-01	3.9751e+00	1.4811e+02	3.8178e+02
614	1982	-4.9493e+02	-1.0083e+02	5.6452e-01	-2.0732e+01	-8.4108e+01	-1.5023e+04
	1971	4.9493e+02	1.0083e+02	-5.6452e-01	2.0732e+01	0.0000e+00	0.0000e+00
615	1984	-4.7889e+02	4.3018e+00	-1.7177e-01	-1.3264e+01	1.8288e+02	-1.4618e+04
	1982	4.7889e+02	-4.3018e+00	1.7177e-01	1.3264e+01	8.7623e+01	1.5025e+04
616	1985	-4.5958e+02	6.3892e+01	2.4252e+00	-1.1753e+01	-4.4347e+01	-8.1866e+03
	1984	4.5958e+02	-6.3892e+01	-2.4252e+00	1.1753e+01	-1.8202e+02	1.4617e+04
617	1986	-4.1251e+02	9.0703e+01	-1.7449e+00	-1.2236e+00	8.4029e+01	9.3597e+02
	1985	4.1251e+02	-9.0703e+01	1.7449e+00	1.2236e+00	4.2775e+01	8.1840e+03
618	1938	-3.6291e+02	1.9381e+02	2.1275e+00	4.7112e+00	-5.4475e+01	1.3339e+04
	1986	3.6291e+02	-1.9381e+02	-2.1275e+00	-4.7112e+00	-8.4152e+01	-9.3413e+02
619	1998	-2.6294e+02	-8.5417e+01	2.3890e+00	5.4249e+00	-1.4675e+02	1.0044e+04
	1938	2.6294e+02	8.5417e+01	-2.3890e+00	-5.4249e+00	5.4509e+01	-1.3339e+04
620	1997	-2.1358e+02	-6.9849e+01	-2.1338e+00	1.0486e+01	2.0216e+01	2.8889e+03
	1998	2.1358e+02	6.9849e+01	2.1338e+00	-1.0486e+01	1.4702e+02	-1.0044e+04
621	1995	-2.0357e+02	-4.4953e+01	1.9013e+00	1.3364e+01	-1.5182e+02	-1.2687e+03
	1997	2.0357e+02	4.4953e+01	-1.9013e+00	-1.3364e+01	-1.0960e+01	-2.8882e+03
622	1994	-1.8663e+02	-2.0858e+01	-6.5215e-01	-1.2974e+01	1.6205e+02	-3.5044e+03
	1995	1.8663e+02	2.0858e+01	6.5215e-01	1.2974e+01	1.5296e+02	1.2736e+03
623	1992	-1.7052e+02	-4.3449e+00	2.5620e+00	2.5914e+00	-1.0097e+02	-3.8021e+03
	1994	1.7052e+02	4.3449e+00	-2.5620e+00	-2.5914e+00	-1.6255e+02	3.5049e+03
624	1991	-1.3135e+02	1.5161e+01	-2.5654e+00	7.0742e+00	1.5126e+02	-2.4803e+03
	1992	1.3135e+02	-1.5161e+01	2.5654e+00	-7.0742e+00	1.0075e+02	3.8004e+03
625	1989	-1.1197e+02	2.5148e+01	2.5183e+00	7.7295e+00	-1.0165e+02	-1.2898e+03
	1991	1.1197e+02	-2.5148e+01	-2.5183e+00	-7.7295e+00	-1.5123e+02	2.4774e+03
626	1988	-8.3701e+01	-1.8036e+01	-3.8836e-01	5.4399e+00	1.5086e+01	2.3099e+03
	1939	8.3701e+01	1.8036e+01	3.8836e-01	-5.4399e+00	3.8467e+01	-3.8612e+03
627	1987	-6.0719e+01	-2.2076e+01	1.1182e+00	5.2543e+00	-1.1755e+02	-1.3987e+02

1988	6.0719e+01	2.2076e+01	-1.1182e+00	-5.2543e+00	-1.5020e+01	-2.3103e+03
628	1970	-4.8137e+01	-2.7004e+01	-4.4915e-01	2.6718e+00	-1.0276e+02
	1987	4.8137e+01	2.7004e+01	4.4915e-01	-2.6718e+00	1.1764e+02
629	1910	0.0000e+00	2.9827e+02	0.0000e+00	2.4516e+00	0.0000e+00
	28	0.0000e+00	-2.9827e+02	0.0000e+00	-2.4516e+00	0.0000e+00
630	1905	0.0000e+00	2.2153e+02	0.0000e+00	4.3383e+02	0.0000e+00
	33	0.0000e+00	-2.2153e+02	0.0000e+00	-4.3383e+02	0.0000e+00
631	1915	0.0000e+00	2.2124e+02	0.0000e+00	-3.8647e+02	0.0000e+00
	23	0.0000e+00	-2.2124e+02	0.0000e+00	3.8647e+02	0.0000e+00
632	1894	-2.9107e+02	-3.5797e+02	1.4495e+00	2.1190e+01	-1.6809e+02
	1981	2.9107e+02	3.5797e+02	-1.4495e+00	-2.1190e+01	-1.7080e+01
633	1895	-3.5311e+02	-4.5791e+02	5.6883e-01	2.1752e+01	-8.8422e+01
	1980	3.5311e+02	4.5791e+02	-5.6883e-01	-2.1752e+01	-1.7532e+01
634	1896	-4.2383e+02	-5.3472e+02	-8.3262e-01	2.0811e+01	1.1952e+02
	1979	4.2383e+02	5.3472e+02	8.3262e-01	-2.0811e+01	-1.6774e+01
635	1897	-4.6510e+02	-5.8584e+02	7.5081e-01	2.1677e+01	-1.1053e+02
	1978	4.6510e+02	5.8584e+02	-7.5081e-01	-2.1677e+01	-1.7472e+01
636	1898	-5.3352e+02	-6.7516e+02	-9.2787e-01	2.0825e+01	1.3124e+02
	1977	5.3352e+02	6.7516e+02	9.2787e-01	-2.0825e+01	-1.6785e+01
637	1899	-5.3130e+02	-6.6684e+02	-9.2714e-01	2.1032e+01	1.3107e+02
	1976	5.3130e+02	6.6684e+02	9.2714e-01	-2.1032e+01	-1.6953e+01
638	1900	-5.3878e+02	-6.8184e+02	-9.0918e-01	2.1183e+01	1.2890e+02
	1975	5.3878e+02	6.8184e+02	9.0918e-01	-2.1183e+01	-1.7074e+01
639	1901	-4.6905e+02	-5.9121e+02	-8.9156e-01	2.0487e+01	1.2785e+02
	1974	4.6905e+02	5.9121e+02	8.9156e-01	-2.0487e+01	-1.6513e+01
640	1902	-4.3561e+02	-5.4974e+02	-8.5489e-01	2.1041e+01	1.2212e+02
	1973	4.3561e+02	5.4974e+02	8.5489e-01	-2.1041e+01	-1.6959e+01
641	1903	-3.5664e+02	-4.5653e+02	-7.1985e-01	2.0529e+01	1.0734e+02
	1972	3.5664e+02	4.5653e+02	7.1985e-01	-2.0529e+01	-1.6547e+01
642	1904	-3.2206e+02	-4.0142e+02	-1.8505e+00	-1.6141e+01	2.0713e+02
	1971	3.2206e+02	4.0142e+02	1.8505e+00	1.6141e+01	1.3010e+01
2422	55	-5.4970e-16	6.6579e-01	-7.8787e-14	-2.7051e+02	-5.8617e-12
	56	5.4970e-16	-6.6579e-01	7.8787e-14	2.7051e+02	1.1909e-11
2423	54	-4.4838e-15	2.8163e-01	-1.9678e-15	6.4135e+01	6.9138e-12
	55	4.4838e-15	-2.8163e-01	1.9678e-15	-6.4135e+01	-6.0351e-12
2424	53	6.2244e-15	1.9138e-01	1.4610e-13	8.2493e+00	5.3105e-12
	54	-6.2244e-15	-1.9138e-01	-1.4610e-13	-8.2493e+00	-2.5730e-12
2425	52	2.2966e-15	-1.3281e-01	5.1952e-14	-4.1220e+01	1.1412e-11
	53	-2.2966e-15	1.3281e-01	-5.1952e-14	4.1220e+01	-1.5361e-12
2426	51	1.3679e-15	2.0419e-01	-1.0215e-13	-1.5440e+01	5.1566e-12
	52	-1.3679e-15	-2.0419e-01	1.0215e-13	1.5440e+01	-2.4427e-11
2427	50	-3.5309e-15	9.1179e-02	1.0210e-13	1.4901e+01	2.4436e-11
	51	3.5309e-15	-9.1179e-02	-1.0210e-13	-1.4901e+01	-5.1468e-12
2428	49	-2.3861e-15	2.7002e-01	-5.1940e-14	4.0782e+01	1.5291e-12
	50	2.3861e-15	-2.7002e-01	5.1940e-14	-4.0782e+01	-1.1422e-11
2429	48	7.6238e-15	1.8225e-01	-1.4646e-13	-8.4976e+00	2.6172e-12
	49	-7.6238e-15	-1.8225e-01	1.4646e-13	8.4976e+00	-5.2582e-12
2430	47	-8.0197e-16	-1.3035e-01	2.0246e-15	-6.4628e+01	6.0296e-12
	48	8.0197e-16	1.3035e-01	-2.0246e-15	6.4628e+01	-6.9194e-12
2431	35	1.4446e-15	-1.7775e-01	7.8788e-14	2.7020e+02	-1.1903e-11
	47	-1.4446e-15	1.7775e-01	-7.8788e-14	-2.7020e+02	5.8672e-12
2432	45	7.2218e-16	-5.3127e+00	-7.8674e-14	-2.3383e+02	-5.8763e-12
	46	-7.2218e-16	5.3127e+00	7.8674e-14	2.3383e+02	1.1894e-11
2433	44	1.3383e-15	1.6278e+00	-1.9986e-15	-4.0261e+01	6.9078e-12
	45	-1.3383e-15	-1.6278e+00	1.9986e-15	4.0261e+01	-6.0393e-12

2434	43	-7.5947e-15	-4.5397e-01	1.4613e-13	-5.0433e+00	5.3032e-12	-5.6898e+00
	44	7.5947e-15	4.5397e-01	-1.4613e-13	5.0433e+00	-2.5782e-12	-1.0514e+02
2435	42	7.1342e-15	-2.8918e-01	5.1951e-14	1.6366e+01	1.1417e-11	-4.4327e+01
	43	-7.1342e-15	2.8918e-01	-5.1951e-14	-1.6366e+01	-1.5345e-12	-8.6357e+01
2436	65	7.6496e-15	5.4430e+00	-7.8674e-14	-2.4808e+02	-5.8763e-12	9.9332e+02
	66	-7.6496e-15	-5.4430e+00	7.8674e-14	2.4808e+02	1.1894e-11	1.1839e+03
2437	64	-2.4996e-15	-1.6897e+00	-2.0371e-15	1.6805e+01	6.9227e-12	-3.5980e+02
	65	2.4996e-15	1.6897e+00	2.0371e-15	-1.6805e+01	-6.0262e-12	-3.8368e+02
2438	63	-7.4124e-15	-3.3761e-02	1.4608e-13	4.5991e+00	5.3213e-12	7.6039e+01
	64	7.4124e-15	3.3761e-02	-1.4608e-13	-4.5991e+00	-2.5650e-12	-4.1587e+01
2439	62	4.5609e-15	1.1083e+00	5.2010e-14	-1.6662e+01	1.1400e-11	2.1027e+02
	63	-4.5609e-15	-1.1083e+00	-5.2010e-14	1.6662e+01	-1.5476e-12	2.7735e+02
2440	61	8.0496e-15	3.5074e-01	-1.0215e-13	3.3036e+01	5.1553e-12	8.4140e+01
	62	-8.0496e-15	-3.5074e-01	1.0215e-13	-3.3036e+01	-2.4429e-11	3.5582e+01
2441	41	3.0546e-15	1.1294e+00	-1.0201e-13	1.7548e+00	5.1313e-12	1.8640e+02
	42	-3.0546e-15	-1.1294e+00	1.0201e-13	-1.7548e+00	-2.4453e-11	2.0886e+02
2442	40	1.7745e-15	-7.0757e-01	1.0206e-13	-2.1124e+00	2.4444e-11	-1.3386e+02
	41	-1.7745e-15	7.0757e-01	-1.0206e-13	2.1124e+00	-5.1395e-12	-1.1380e+02
2443	39	7.1941e-15	5.9089e-01	-5.1947e-14	-1.7434e+01	1.5341e-12	1.5113e+02
	40	-7.1941e-15	-5.9089e-01	5.1947e-14	1.7434e+01	-1.1415e-11	1.1050e+02
2444	38	7.5158e-15	3.2924e-01	-1.4628e-13	3.8943e+00	2.5863e-12	5.1669e+01
	39	-7.5158e-15	-3.2924e-01	1.4628e-13	-3.8943e+00	-5.2811e-12	6.7660e+01
2445	37	1.1309e-15	-1.3550e+00	2.0313e-15	3.9022e+01	6.0278e-12	-3.1669e+02
	38	-1.1309e-15	1.3550e+00	-2.0313e-15	-3.9022e+01	-6.9185e-12	-2.7985e+02
2446	34	1.5099e-15	5.7282e+00	7.8711e-14	2.3295e+02	-1.1894e-11	1.2454e+03
	37	-1.5099e-15	-5.7282e+00	-7.8711e-14	-2.3295e+02	5.8760e-12	1.0459e+03
2447	60	-3.9101e-15	-1.7348e-01	1.0196e-13	-3.3861e+01	2.4462e-11	1.6752e+01
	61	3.9101e-15	1.7348e-01	-1.0196e-13	3.3861e+01	-5.1218e-12	-3.4885e+01
2448	59	3.6979e-15	-7.7498e-01	-5.1931e-14	1.5788e+01	1.5299e-12	-2.0514e+02
	60	-3.6979e-15	7.7498e-01	5.1931e-14	-1.5788e+01	-1.1419e-11	-1.3567e+02
2449	58	-4.9906e-15	3.3643e-01	-1.4658e-13	-3.7349e+00	2.6214e-12	1.0031e+02
	59	4.9906e-15	-3.3643e-01	1.4658e-13	3.7349e+00	-5.2460e-12	-3.8960e+01
2450	57	-1.0484e-15	2.0103e+00	2.0976e-15	-1.5991e+01	6.0127e-12	4.5504e+02
	58	1.0484e-15	-2.0103e+00	-2.0976e-15	1.5991e+01	-6.9338e-12	4.2948e+02
2451	36	7.5328e-16	-4.9592e+00	7.8711e-14	2.4702e+02	-1.1891e-11	-1.0823e+03
	57	-7.5328e-16	4.9592e+00	-7.8711e-14	-2.4702e+02	5.8760e-12	-9.0135e+02
2452	56	-1.5543e-11	5.8113e+02	-2.8496e-17	-1.6987e+02	-6.1525e-15	1.0680e+05
	46	1.5543e-11	-5.8113e+02	2.8496e-17	1.6987e+02	-5.4801e-15	1.4657e+05
2453	66	2.5193e-11	9.5628e+02	1.4924e-16	-2.8501e+02	1.4840e-14	1.6639e+05
	56	-2.5193e-11	-9.5628e+02	-1.4924e-16	2.8501e+02	-2.0918e-14	1.2432e+05
2454	55	-2.0821e-11	5.7850e+02	2.2523e-17	1.0217e+02	-4.2694e-15	1.0614e+05
	45	2.0821e-11	-5.7850e+02	-2.2523e-17	-1.0217e+02	6.2771e-15	1.4609e+05
2455	65	-9.9478e-12	9.5115e+02	-9.6763e-17	8.4440e+01	-1.1063e-14	1.6569e+05
	55	9.9478e-12	-9.5115e+02	9.6763e-17	-8.4440e+01	2.6789e-15	1.2346e+05
2456	54	1.9939e-11	5.7712e+02	-2.5742e-17	1.3451e+01	-5.7059e-15	1.0612e+05
	44	-1.9939e-11	-5.7712e+02	2.5742e-17	-1.3451e+01	2.3439e-15	1.4551e+05
2457	64	-2.0389e-12	9.4159e+02	1.4924e-16	6.3950e+01	1.4840e-14	1.6404e+05
	54	2.0389e-12	-9.4159e+02	-1.4924e-16	-6.3950e+01	-2.0918e-14	1.2220e+05
2458	53	-7.0560e-12	5.7699e+02	2.5571e-17	-4.3736e+01	5.8490e-15	1.0611e+05
	43	7.0560e-12	-5.7699e+02	-2.5571e-17	4.3736e+01	3.5848e-15	1.4546e+05
2459	63	8.2867e-12	9.4126e+02	-9.2049e-17	-9.1844e+01	1.5547e-14	1.6398e+05
	53	-8.2867e-12	-9.4126e+02	9.2049e-17	9.1844e+01	2.1845e-14	1.2217e+05
2460	52	-2.4509e-11	5.7698e+02	-2.8329e-17	2.1602e+01	-7.2029e-15	1.0595e+05
	42	2.4509e-11	-5.7698e+02	2.8329e-17	-2.1602e+01	5.2242e-15	1.4561e+05
2461	62	1.6197e-11	9.4753e+02	-1.2628e-16	7.5188e+01	2.0179e-14	1.6503e+05

	52	-1.6197e-11	-9.4753e+02	1.2628e-16	-7.5188e+01	7.4529e-15	1.2302e+05
2462	51	1.2294e-15	5.7547e+02	2.5242e-17	-3.0585e+00	-2.1424e-15	1.0559e+05
	41	-1.2294e-15	-5.7547e+02	-2.5242e-17	3.0585e+00	5.6530e-15	1.4531e+05
2463	61	-2.6354e-14	9.5105e+02	6.7533e-17	-3.6000e+00	1.2255e-14	1.6571e+05
	51	2.6354e-14	-9.5105e+02	-6.7533e-17	3.6000e+00	7.5017e-15	1.2341e+05
2464	50	2.4485e-11	5.7695e+02	2.3384e-17	-2.4094e+01	-2.5075e-15	1.0595e+05
	40	-2.4485e-11	-5.7695e+02	-2.3384e-17	2.4094e+01	5.7390e-15	1.4560e+05
2465	60	-1.6197e-11	9.4746e+02	1.2959e-16	-7.8210e+01	2.5315e-14	1.6502e+05
	50	1.6197e-11	-9.4746e+02	-1.2959e-16	7.8210e+01	-1.4014e-14	1.2301e+05
2466	49	7.0382e-12	5.7690e+02	-3.5203e-17	4.1253e+01	-4.8800e-15	1.0609e+05
	39	-7.0382e-12	-5.7690e+02	3.5203e-17	-4.1253e+01	2.7327e-15	1.4544e+05
2467	59	-8.2870e-12	9.4111e+02	-9.2049e-17	8.9000e+01	1.5547e-14	1.6395e+05
	49	8.2870e-12	-9.4111e+02	9.2049e-17	-8.9000e+01	2.1845e-14	1.2215e+05
2468	48	-1.9950e-11	5.7701e+02	2.7073e-17	-1.5712e+01	-2.0966e-15	1.0610e+05
	38	1.9950e-11	-5.7701e+02	-2.7073e-17	1.5712e+01	5.5908e-15	1.4548e+05
2469	58	2.0511e-12	9.4138e+02	1.3371e-16	-6.6759e+01	6.5012e-15	1.6401e+05
	48	-2.0511e-12	-9.4138e+02	-1.3371e-16	6.6759e+01	-3.6541e-15	1.2217e+05
2470	47	2.0825e-11	5.7834e+02	-2.4500e-17	-1.0466e+02	-5.1365e-15	1.0611e+05
	37	-2.0825e-11	-5.7834e+02	2.4500e-17	1.0466e+02	4.4857e-15	1.4605e+05
2471	57	9.9381e-12	9.5085e+02	2.1334e-17	-8.7752e+01	-1.3809e-14	1.6564e+05
	47	-9.9381e-12	-9.5085e+02	-2.1334e-17	8.7752e+01	2.7425e-15	1.2342e+05
2472	35	1.5545e-11	5.8089e+02	2.3384e-17	1.6706e+02	-2.5880e-15	1.0676e+05
	34	-1.5545e-11	-5.8089e+02	-2.3384e-17	-1.6706e+02	6.4169e-15	1.4651e+05
2473	36	-2.5196e-11	9.5592e+02	-8.6222e-17	2.8136e+02	-1.9049e-14	1.6633e+05
	35	2.5196e-11	-9.5592e+02	8.6222e-17	-2.8136e+02	-5.2293e-15	1.2427e+05
2474	33	9.4003e+02	-8.9975e+02	1.3523e+01	6.0437e+00	-4.2505e+03	-2.1395e+05
	66	-9.4003e+02	8.9975e+02	-1.3523e+01	-6.0437e+00	-1.4696e+03	-1.6664e+05
2475	22	-3.7598e+02	-1.1459e+03	3.5359e-01	6.0437e+00	-1.5210e+02	-2.5335e+05
	56	3.7598e+02	1.1459e+03	-3.5359e-01	-6.0437e+00	-2.8491e+01	-2.3138e+05
2476	21	-3.7244e+02	-1.1209e+03	8.3074e-01	6.0437e+00	-1.9058e+02	-2.4488e+05
	55	3.7244e+02	1.1209e+03	-8.3074e-01	-6.0437e+00	-1.6078e+02	-2.2925e+05
2477	32	9.4514e+02	-8.8207e+02	2.4307e+00	6.0437e+00	-5.0441e+02	-2.0769e+05
	65	-9.4514e+02	8.8207e+02	-2.4307e+00	-6.0437e+00	-5.2316e+02	-1.6543e+05
2478	20	-3.6476e+02	-1.1171e+03	1.3120e+00	6.0437e+00	-3.8222e+02	-2.4418e+05
	54	3.6476e+02	1.1171e+03	-1.3120e+00	-6.0437e+00	-1.7151e+02	-2.2836e+05
2479	19	-3.6422e+02	-1.1169e+03	-1.5559e-01	6.0437e+00	1.3001e+02	-2.4415e+05
	53	3.6422e+02	1.1169e+03	1.5559e-01	-6.0437e+00	6.8916e+01	-2.2831e+05
2480	8	-7.3998e+02	-8.1504e+02	-1.5465e+00	6.0437e+00	5.7323e+02	-1.9933e+05
	43	7.3998e+02	8.1504e+02	1.5465e+00	-6.0437e+00	7.4913e+01	-1.4544e+05
2481	9	-7.1586e+02	-8.1536e+02	3.5608e+00	6.0437e+00	-1.0471e+03	-1.9943e+05
	44	7.1586e+02	8.1536e+02	-3.5608e+00	-6.0437e+00	-4.5888e+02	-1.4547e+05
2482	10	-6.9373e+02	-8.1996e+02	-2.1611e+00	6.0437e+00	4.1585e+02	-2.0095e+05
	45	6.9373e+02	8.1996e+02	2.1611e+00	-6.0437e+00	4.9704e+02	-1.4590e+05
2483	11	-6.3700e+02	-8.3491e+02	-1.2448e+01	6.0437e+00	3.9397e+03	-2.0636e+05
	46	6.3700e+02	8.3491e+02	1.2448e+01	-6.0437e+00	1.3262e+03	-1.4680e+05
2484	31	9.2863e+02	-8.7290e+02	-3.7269e+00	6.0437e+00	1.1538e+03	-2.0518e+05
	64	-9.2863e+02	8.7290e+02	3.7269e+00	-6.0437e+00	4.2185e+02	-1.6406e+05
2485	30	9.3004e+02	-8.7246e+02	3.9923e+00	6.0437e+00	-1.2349e+03	-2.0506e+05
	63	-9.3004e+02	8.7246e+02	-3.9923e+00	-6.0437e+00	-4.5312e+02	-1.6399e+05
2486	18	-3.7116e+02	-1.1197e+03	6.5461e-01	6.0437e+00	-1.8391e+02	-2.4472e+05
	52	3.7116e+02	1.1197e+03	-6.5461e-01	-6.0437e+00	-9.2393e+01	-2.2893e+05
2487	6	-7.7951e+02	-8.1489e+02	1.5010e-01	6.0437e+00	-3.8573e+01	-1.9938e+05
	41	7.7951e+02	8.1489e+02	-1.5010e-01	-6.0437e+00	-2.4857e+01	-1.4532e+05
2488	29	9.4052e+02	-8.7886e+02	1.4786e-01	6.0437e+00	9.9696e+01	-2.0678e+05
	62	-9.4052e+02	8.7886e+02	-1.4786e-01	-6.0437e+00	-1.7694e+02	-1.6498e+05

2489	17	-3.7581e+02	-1.1195e+03	2.3168e-01	6.0437e+00	-5.7310e+01	-2.4459e+05
	51	3.7581e+02	1.1195e+03	-2.3168e-01	-6.0437e+00	-4.0690e+01	-2.2895e+05
2490	7	-7.9007e+02	-8.1709e+02	1.7530e+00	6.0437e+00	-5.4646e+02	-2.0000e+05
	42	7.9007e+02	8.1709e+02	-1.7530e+00	-6.0437e+00	-1.9341e+02	-1.4563e+05
2491	5	-7.9344e+02	-8.1704e+02	-1.0507e+00	6.0437e+00	3.6340e+02	-1.9999e+05
	40	7.9344e+02	8.1704e+02	1.0507e+00	-6.0437e+00	-8.6048e+01	-1.4562e+05
2492	28	9.4411e+02	-8.8562e+02	3.2107e-01	6.0437e+00	-7.9233e+01	-2.0884e+05
	61	-9.4411e+02	8.8562e+02	-3.2107e-01	-6.0437e+00	-5.6585e+01	-1.6578e+05
2493	16	-3.7096e+02	-1.1197e+03	-3.6890e-01	6.0437e+00	9.7775e+01	-2.4471e+05
	50	3.7096e+02	1.1197e+03	3.6890e-01	-6.0437e+00	5.3839e+01	-2.2891e+05
2494	27	9.4073e+02	-8.7879e+02	4.2848e-01	6.0437e+00	-2.4606e+02	-2.0676e+05
	60	-9.4073e+02	8.7879e+02	-4.2848e-01	-6.0437e+00	6.2091e+01	-1.6497e+05
2495	4	-7.4250e+02	-8.1492e+02	2.4573e+00	6.0437e+00	-7.9450e+02	-1.9930e+05
	39	7.4250e+02	8.1492e+02	-2.4573e+00	-6.0437e+00	-2.5060e+02	-1.4542e+05
2496	15	-3.6456e+02	-1.1168e+03	1.3245e+00	6.0437e+00	-3.8553e+02	-2.4412e+05
	49	3.6456e+02	1.1168e+03	-1.3245e+00	-6.0437e+00	-1.7401e+02	-2.2827e+05
2497	26	9.2955e+02	-8.7232e+02	-2.9436e+00	6.0437e+00	9.7412e+02	-2.0502e+05
	59	-9.2955e+02	8.7232e+02	2.9436e+00	-6.0437e+00	2.6877e+02	-1.6397e+05
2498	3	-7.2211e+02	-8.1519e+02	-2.7493e+00	6.0437e+00	8.4421e+02	-1.9939e+05
	38	7.2211e+02	8.1519e+02	2.7493e+00	-6.0437e+00	3.1978e+02	-1.4544e+05
2499	14	-3.6428e+02	-1.1169e+03	-1.1707e-01	6.0437e+00	1.2500e+02	-2.4413e+05
	48	3.6428e+02	1.1169e+03	1.1707e-01	-6.0437e+00	6.9585e+01	-2.2831e+05
2500	25	9.2905e+02	-8.7271e+02	4.7637e+00	6.0437e+00	-1.4121e+03	-2.0513e+05
	58	-9.2905e+02	8.7271e+02	-4.7637e+00	-6.0437e+00	-6.0245e+02	-1.6402e+05
2501	2	-7.0600e+02	-8.1973e+02	3.0458e+00	6.0437e+00	-6.4310e+02	-2.0089e+05
	37	7.0600e+02	8.1973e+02	-3.0458e+00	-6.0437e+00	-6.4489e+02	-1.4585e+05
2502	13	-3.7246e+02	-1.1205e+03	-3.9513e-01	6.0437e+00	9.8776e+01	-2.4481e+05
	47	3.7246e+02	1.1205e+03	3.9513e-01	-6.0437e+00	6.4142e+01	-2.2918e+05
2503	24	9.4699e+02	-8.8179e+02	-1.4182e+00	6.0437e+00	2.4279e+02	-2.0762e+05
	57	-9.4699e+02	8.8179e+02	1.4182e+00	-6.0437e+00	3.5404e+02	-1.6538e+05
2504	1	-6.4179e+02	-8.3457e+02	1.3097e+01	6.0437e+00	-4.1267e+03	-2.0628e+05
	34	6.4179e+02	8.3457e+02	-1.3097e+01	-6.0437e+00	-1.4141e+03	-1.4674e+05
2505	12	-3.7541e+02	-1.1455e+03	7.6921e-01	6.0437e+00	-2.6276e+02	-2.5325e+05
	35	3.7541e+02	1.1455e+03	-7.6921e-01	-6.0437e+00	-6.4459e+01	-2.3129e+05
2506	23	9.3799e+02	-8.9940e+02	-1.2756e+01	6.0437e+00	4.0313e+03	-2.1387e+05
	36	-9.3799e+02	8.9940e+02	1.2756e+01	-6.0437e+00	1.3643e+03	-1.6658e+05
654	1906	0.0000e+00	-5.3674e+01	0.0000e+00	6.0203e+03	0.0000e+00	3.8853e+03
	1905	0.0000e+00	-2.3414e+02	0.0000e+00	-1.2103e+04	0.0000e+00	4.3383e+02
655	1907	0.0000e+00	4.4324e+01	0.0000e+00	1.6925e+03	0.0000e+00	2.7737e+03
	1906	0.0000e+00	4.3751e+01	0.0000e+00	-6.0203e+03	0.0000e+00	-3.8853e+03
656	1908	0.0000e+00	4.2592e+01	0.0000e+00	-5.9294e+02	0.0000e+00	2.8376e+03
	1907	0.0000e+00	4.1173e+01	0.0000e+00	-1.6925e+03	0.0000e+00	-2.7737e+03
657	1909	0.0000e+00	5.6566e+01	0.0000e+00	-4.5365e+03	0.0000e+00	4.4398e+03
	1908	0.0000e+00	5.0386e+01	0.0000e+00	5.9294e+02	0.0000e+00	-2.8376e+03
658	1910	0.0000e+00	-1.5903e+02	0.0000e+00	-8.9437e+03	0.0000e+00	-1.3936e+04
	1909	0.0000e+00	5.6595e+01	0.0000e+00	4.5365e+03	0.0000e+00	-4.4398e+03
659	1911	0.0000e+00	5.7068e+01	0.0000e+00	4.5396e+03	0.0000e+00	4.4783e+03
	1910	0.0000e+00	-1.5905e+02	0.0000e+00	-8.9465e+03	0.0000e+00	1.3937e+04
660	1912	0.0000e+00	5.0655e+01	0.0000e+00	5.9641e+02	0.0000e+00	2.8422e+03
	1911	0.0000e+00	5.7111e+01	0.0000e+00	-4.5396e+03	0.0000e+00	-4.4783e+03
661	1913	0.0000e+00	4.1710e+01	0.0000e+00	-1.6845e+03	0.0000e+00	2.7714e+03
	1912	0.0000e+00	4.2998e+01	0.0000e+00	-5.9641e+02	0.0000e+00	-2.8422e+03
662	1914	0.0000e+00	5.0415e+01	0.0000e+00	-6.0065e+03	0.0000e+00	4.3424e+03
	1913	0.0000e+00	4.5953e+01	0.0000e+00	1.6845e+03	0.0000e+00	-2.7714e+03
663	1915	0.0000e+00	-2.3370e+02	0.0000e+00	-1.2079e+04	0.0000e+00	-3.8647e+02

	1914	0.0000e+00	5.8342e+01	0.0000e+00	6.0065e+03	0.0000e+00	-4.3424e+03
664	1895	0.0000e+00	2.4647e+02	0.0000e+00	2.0279e+04	0.0000e+00	1.1107e+04
	1894	0.0000e+00	3.5872e+02	0.0000e+00	2.6890e+04	0.0000e+00	-1.2014e+03
665	1896	0.0000e+00	2.6443e+02	0.0000e+00	3.6658e+04	0.0000e+00	1.6250e+04
	1895	0.0000e+00	1.8551e+02	0.0000e+00	1.6851e+04	0.0000e+00	-1.1043e+04
666	1897	0.0000e+00	2.5282e+02	0.0000e+00	2.8375e+04	0.0000e+00	1.7012e+04
	1896	0.0000e+00	2.4094e+02	0.0000e+00	9.0705e+03	0.0000e+00	-1.5975e+04
667	1898	0.0000e+00	3.1454e+02	0.0000e+00	3.8401e+04	0.0000e+00	2.0065e+04
	1897	0.0000e+00	2.9795e+02	0.0000e+00	2.2368e+04	0.0000e+00	-1.7115e+04
668	1899	0.0000e+00	3.1188e+02	0.0000e+00	2.9748e+04	0.0000e+00	1.8282e+04
	1898	0.0000e+00	3.1045e+02	0.0000e+00	2.1416e+04	0.0000e+00	-1.9891e+04
669	1900	0.0000e+00	3.1323e+02	0.0000e+00	2.2591e+04	0.0000e+00	2.0159e+04
	1899	0.0000e+00	3.1195e+02	0.0000e+00	2.8736e+04	0.0000e+00	-1.8249e+04
670	1901	0.0000e+00	3.0104e+02	0.0000e+00	2.3487e+04	0.0000e+00	1.7226e+04
	1900	0.0000e+00	3.1760e+02	0.0000e+00	3.7866e+04	0.0000e+00	-2.0272e+04
671	1902	0.0000e+00	2.4791e+02	0.0000e+00	1.0434e+04	0.0000e+00	1.6591e+04
	1901	0.0000e+00	2.5490e+02	0.0000e+00	2.7531e+04	0.0000e+00	-1.7061e+04
672	1903	0.0000e+00	1.8391e+02	0.0000e+00	1.8221e+04	0.0000e+00	1.0687e+04
	1902	0.0000e+00	2.7088e+02	0.0000e+00	3.6538e+04	0.0000e+00	-1.6817e+04
673	1904	0.0000e+00	3.9245e+02	0.0000e+00	3.1231e+04	0.0000e+00	1.3012e+03
	1903	0.0000e+00	2.5406e+02	0.0000e+00	1.7980e+04	0.0000e+00	-1.0715e+04

SFORZI "Dinamica SLOh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	2022	-1.1714e+03	3.8881e-18	-6.8119e-18	-7.2405e-01	0.0000e+00	0.0000e+00
	1923	1.1714e+03	-3.8881e-18	6.8119e-18	7.2405e-01	0.0000e+00	0.0000e+00
2	1916	6.4951e+02	0.0000e+00	0.0000e+00	-6.1461e-01	0.0000e+00	0.0000e+00
	1921	-6.4951e+02	0.0000e+00	0.0000e+00	6.1461e-01	0.0000e+00	0.0000e+00
3	2085	-6.2511e+02	1.1356e-17	-1.2736e-18	-4.2137e-01	0.0000e+00	0.0000e+00
	1918	6.2511e+02	-1.1356e-17	1.2736e-18	4.2137e-01	0.0000e+00	0.0000e+00
4	2008	1.5018e+03	-9.9142e-18	1.0615e-17	-5.3391e-02	0.0000e+00	0.0000e+00
	2079	-1.5018e+03	9.9142e-18	-1.0615e-17	5.3391e-02	0.0000e+00	0.0000e+00
5	1919	7.7623e+02	-8.5621e-19	4.0075e-18	9.4331e-02	0.0000e+00	0.0000e+00
	2056	-7.7623e+02	8.5621e-19	-4.0075e-18	-9.4331e-02	0.0000e+00	0.0000e+00
6	2098	-7.2754e+02	7.4643e-18	-8.6124e-18	2.3400e-01	0.0000e+00	0.0000e+00
	1937	7.2754e+02	-7.4643e-18	8.6124e-18	-2.3400e-01	0.0000e+00	0.0000e+00
7	2042	6.5043e+02	1.0752e-17	4.6285e-18	-1.6690e-01	0.0000e+00	0.0000e+00
	2107	-6.5043e+02	-1.0752e-17	-4.6285e-18	1.6690e-01	0.0000e+00	0.0000e+00
8	1925	7.3567e+02	-9.2455e-18	-2.0147e-18	-1.6883e-01	0.0000e+00	0.0000e+00
	2008	-7.3567e+02	9.2455e-18	2.0147e-18	1.6883e-01	0.0000e+00	0.0000e+00
9	2109	-3.1516e+02	4.5637e-17	-1.0511e-17	-2.4939e-01	0.0000e+00	0.0000e+00
	2123	3.1516e+02	-4.5637e-17	1.0511e-17	2.4939e-01	0.0000e+00	0.0000e+00
10	2084	2.0657e+02	-1.0883e-17	-2.0592e-18	-1.2899e-01	0.0000e+00	0.0000e+00
	2106	-2.0657e+02	1.0883e-17	2.0592e-18	1.2899e-01	0.0000e+00	0.0000e+00
11	2083	-1.2457e+02	-1.5568e-19	1.2218e-19	-1.8628e-01	0.0000e+00	0.0000e+00
	2078	1.2457e+02	1.5568e-19	-1.2218e-19	1.8628e-01	0.0000e+00	0.0000e+00
12	2058	-1.1860e+02	-1.4703e-19	1.1321e-19	-1.8692e-01	0.0000e+00	0.0000e+00
	2077	1.1860e+02	1.4703e-19	-1.1321e-19	1.8692e-01	0.0000e+00	0.0000e+00
13	2041	-1.7777e+02	-1.1268e-17	-2.0498e-18	-1.3120e-01	0.0000e+00	0.0000e+00
	2055	1.7777e+02	1.1268e-17	2.0498e-18	1.3120e-01	0.0000e+00	0.0000e+00
14	2024	-2.7595e+02	4.6775e-17	-1.0804e-17	-2.5455e-01	0.0000e+00	0.0000e+00
	2038	2.7595e+02	-4.6775e-17	1.0804e-17	2.5455e-01	0.0000e+00	0.0000e+00
15	2007	-6.2439e+02	-9.9475e-18	-2.1321e-18	-1.4002e-01	0.0000e+00	0.0000e+00
	2021	6.2439e+02	9.9475e-18	2.1321e-18	1.4002e-01	0.0000e+00	0.0000e+00
16	1982	-1.1694e+03	3.9699e-18	-6.8425e-18	-8.1202e-01	0.0000e+00	0.0000e+00

	2012	1.1694e+03	-3.9699e-18	6.8425e-18	8.1202e-01	0.0000e+00	0.0000e+00
17	1985	6.4727e+02	0.0000e+00	0.0000e+00	-6.1482e-01	0.0000e+00	0.0000e+00
	2010	-6.4727e+02	0.0000e+00	0.0000e+00	6.1482e-01	0.0000e+00	0.0000e+00
18	1998	-6.6395e+02	1.1644e-17	-1.3589e-18	-4.0298e-01	0.0000e+00	0.0000e+00
	2007	6.6395e+02	-1.1644e-17	1.3589e-18	4.0298e-01	0.0000e+00	0.0000e+00
19	1995	6.0749e+02	1.1149e-17	4.6729e-18	-1.7505e-01	0.0000e+00	0.0000e+00
	2004	-6.0749e+02	-1.1149e-17	-4.6729e-18	1.7505e-01	0.0000e+00	0.0000e+00
20	1992	1.3851e+03	3.1960e-18	-3.4552e-18	-5.5284e-02	0.0000e+00	0.0000e+00
	2001	-1.3851e+03	-3.1960e-18	3.4552e-18	5.5284e-02	0.0000e+00	0.0000e+00
21	1989	7.3628e+02	-8.6606e-19	3.9073e-18	1.0333e-01	0.0000e+00	0.0000e+00
	2000	-7.3628e+02	8.6606e-19	-3.9073e-18	-1.0333e-01	0.0000e+00	0.0000e+00
22	1988	-7.4971e+02	-1.9481e-19	3.8303e-18	2.2006e-01	0.0000e+00	0.0000e+00
	1928	7.4971e+02	1.9481e-19	-3.8303e-18	-2.2006e-01	0.0000e+00	0.0000e+00
643	1905	-1.4509e+02	4.6201e-14	4.1207e-13	3.8843e+02	0.0000e+00	0.0000e+00
	1960	1.4509e+02	-4.6201e-14	-4.1207e-13	-3.8843e+02	0.0000e+00	0.0000e+00
644	1906	1.2794e+02	-2.7887e-14	4.1269e-13	3.0389e+02	0.0000e+00	0.0000e+00
	1961	-1.2794e+02	2.7887e-14	-4.1269e-13	-3.0389e+02	0.0000e+00	0.0000e+00
645	1907	7.9422e+00	7.0905e-15	4.1335e-13	-2.6369e+02	0.0000e+00	0.0000e+00
	1962	-7.9422e+00	-7.0905e-15	-4.1335e-13	2.6369e+02	0.0000e+00	0.0000e+00
646	1908	-6.7748e+00	-5.4202e-15	4.1362e-13	-2.4943e+02	0.0000e+00	0.0000e+00
	1963	6.7748e+00	5.4202e-15	-4.1362e-13	2.4943e+02	0.0000e+00	0.0000e+00
647	1909	1.6934e+00	1.7260e-15	4.1386e-13	-2.3909e+02	0.0000e+00	0.0000e+00
	1964	-1.6934e+00	-1.7260e-15	-4.1386e-13	2.3909e+02	0.0000e+00	0.0000e+00
648	1910	-3.3245e-01	-3.6073e-16	4.1392e-13	-2.3771e+02	0.0000e+00	0.0000e+00
	1965	3.3245e-01	3.6073e-16	-4.1392e-13	2.3771e+02	0.0000e+00	0.0000e+00
649	1911	-1.6525e+00	-1.6449e-15	4.1387e-13	-2.4274e+02	0.0000e+00	0.0000e+00
	1966	1.6525e+00	1.6449e-15	-4.1387e-13	2.4274e+02	0.0000e+00	0.0000e+00
650	1912	7.3260e+00	5.3368e-15	4.1365e-13	-2.5833e+02	0.0000e+00	0.0000e+00
	1967	-7.3260e+00	-5.3368e-15	-4.1365e-13	2.5833e+02	0.0000e+00	0.0000e+00
651	1913	-8.6349e+00	-7.2282e-15	4.1340e-13	-2.7696e+02	0.0000e+00	0.0000e+00
	1968	8.6349e+00	7.2282e-15	-4.1340e-13	2.7696e+02	0.0000e+00	0.0000e+00
652	1914	-1.2764e+02	2.8669e-14	4.1278e-13	3.2598e+02	0.0000e+00	0.0000e+00
	1969	1.2764e+02	-2.8669e-14	-4.1278e-13	-3.2598e+02	0.0000e+00	0.0000e+00
653	1915	1.2693e+02	-4.3841e-14	4.1271e-13	2.8660e+02	0.0000e+00	0.0000e+00
	1970	-1.2693e+02	4.3841e-14	-4.1271e-13	-2.8660e+02	0.0000e+00	0.0000e+00
237	2116	3.3606e+02	1.5853e+02	-2.4143e+02	-1.2550e+03	1.6126e+04	1.8775e+04
	2079	-3.3606e+02	-1.5853e+02	2.4143e+02	1.2550e+03	8.0474e+03	-3.8830e+03
238	1959	3.2206e+02	1.6988e+02	-1.9702e+02	-2.8080e+02	1.8751e+04	2.0969e+04
	2116	-3.2206e+02	-1.6988e+02	1.9702e+02	2.8080e+02	-1.6172e+04	-1.8735e+04
239	2110	-3.0915e+02	-1.6905e+02	-2.0235e+02	-1.1413e+03	1.4565e+04	-1.7844e+04
	1919	3.0915e+02	1.6905e+02	2.0235e+02	1.1413e+03	5.7500e+03	2.8368e+03
240	1958	-3.1264e+02	-1.5962e+02	-2.1645e+02	-2.6146e+02	1.7511e+04	-1.9874e+04
	2110	3.1264e+02	1.5962e+02	2.1645e+02	2.6146e+02	-1.4608e+04	1.7787e+04
241	2121	-7.9548e+00	-6.3543e+00	-1.8300e+02	-1.0907e+03	1.3420e+04	-7.6145e+02
	2120	7.9548e+00	6.3543e+00	1.8300e+02	1.0907e+03	4.9503e+03	2.0783e+02
242	1957	-5.6717e+00	-6.0572e+00	-2.4065e+02	-2.7994e+02	1.6693e+04	-8.5668e+02
	2121	5.6717e+00	6.0572e+00	2.4065e+02	2.7994e+02	-1.3461e+04	7.7723e+02
243	2104	6.0052e+00	5.0841e+00	-1.7518e+02	-1.0716e+03	1.2961e+04	7.1140e+02
	2103	-6.0052e+00	-5.0841e+00	1.7518e+02	1.0716e+03	4.6249e+03	-2.3606e+02
244	1956	4.1912e+00	4.8331e+00	-2.5027e+02	-2.8847e+02	1.6365e+04	7.7581e+02
	2104	-4.1912e+00	-4.8331e+00	2.5027e+02	2.8847e+02	-1.3002e+04	-7.1199e+02
245	2074	-2.0311e+00	-1.3875e+00	-1.6881e+02	-1.0571e+03	1.2585e+04	-1.7425e+02
	2072	2.0311e+00	1.3875e+00	1.6881e+02	1.0571e+03	4.3628e+03	9.7183e+01
246	1955	-1.4945e+00	-1.3203e+00	-2.5810e+02	-2.9672e+02	1.6094e+04	-1.8979e+02
	2074	1.4945e+00	1.3203e+00	2.5810e+02	2.9672e+02	-1.2625e+04	1.7472e+02

247	2073	-1.5558e-01	-2.7197e-01	-1.6776e+02	-1.0551e+03	1.2507e+04	-4.3023e+01
	2071	1.5558e-01	2.7197e-01	1.6776e+02	1.0551e+03	4.3330e+03	2.6956e+01
248	1954	-9.3040e-02	-2.6173e-01	-2.6001e+02	-2.9933e+02	1.6042e+04	-4.5889e+01
	2073	9.3040e-02	2.6173e-01	2.6001e+02	2.9933e+02	-1.2548e+04	4.3046e+01
249	2053	-2.0139e+00	1.0664e+00	-1.7065e+02	-1.0619e+03	1.2644e+04	1.4998e+02
	2052	2.0139e+00	-1.0664e+00	1.7065e+02	1.0619e+03	4.4814e+03	-7.2970e+01
250	1953	-1.4996e+00	1.0059e+00	-2.5743e+02	-2.9786e+02	1.6143e+04	1.6249e+02
	2053	1.4996e+00	-1.0059e+00	2.5743e+02	2.9786e+02	-1.2685e+04	-1.5032e+02
251	2036	-6.3487e+00	-4.8551e+00	-1.7962e+02	-1.0832e+03	1.3108e+04	-7.9943e+02
	2035	6.3487e+00	4.8551e+00	1.7962e+02	1.0832e+03	4.9113e+03	3.3241e+02
252	1952	-4.4911e+00	-4.6031e+00	-2.4860e+02	-2.9117e+02	1.6485e+04	-8.6121e+02
	2036	4.4911e+00	4.6031e+00	2.4860e+02	2.9117e+02	-1.3149e+04	8.0015e+02
253	2019	-8.6410e+00	5.8084e+00	-1.8965e+02	-1.1081e+03	1.3643e+04	8.3805e+02
	2018	8.6410e+00	-5.8084e+00	1.8965e+02	1.1081e+03	5.3780e+03	-2.8090e+02
254	1951	-6.2560e+00	5.5106e+00	-2.3808e+02	-2.8376e+02	1.6875e+04	9.2358e+02
	2019	6.2560e+00	-5.5106e+00	2.3808e+02	2.8376e+02	-1.3685e+04	-8.5039e+02
255	2002	3.4490e+02	1.3676e+02	-2.1343e+02	-1.1709e+03	1.4955e+04	1.5694e+04
	2001	-3.4490e+02	-1.3676e+02	2.1343e+02	1.1709e+03	6.4577e+03	-3.8826e+03
256	1950	3.3168e+02	1.4741e+02	-2.1194e+02	-2.6741e+02	1.7824e+04	1.7533e+04
	2002	-3.3168e+02	-1.4741e+02	2.1194e+02	2.6741e+02	-1.4998e+04	-1.5642e+04
257	1990	-3.1655e+02	-1.6370e+02	-1.9598e+02	-1.1125e+03	1.4562e+04	-1.7976e+04
	1989	3.1655e+02	1.6370e+02	1.9598e+02	1.1125e+03	5.2573e+03	2.8415e+03
258	1939	-3.1925e+02	-1.5530e+02	-2.0849e+02	-2.3328e+02	1.7408e+04	-1.9974e+04
	1990	3.1925e+02	1.5530e+02	2.0849e+02	2.3328e+02	-1.4602e+04	1.7939e+04
259	36	-2.6474e+02	-4.5647e-14	-4.9823e+02	1.7536e+00	4.9823e+03	0.0000e+00
	1939	2.6474e+02	4.5647e-14	4.9823e+02	-1.7536e+00	0.0000e+00	0.0000e+00
260	2110	-8.5351e+01	3.3052e-16	-1.3459e-15	4.0029e+01	0.0000e+00	0.0000e+00
	2116	8.5351e+01	-3.3052e-16	1.3459e-15	-4.0029e+01	0.0000e+00	0.0000e+00
261	2121	-1.2020e+02	2.9300e-17	5.0099e-16	-1.6564e+01	0.0000e+00	0.0000e+00
	2110	1.2020e+02	-2.9300e-17	-5.0099e-16	1.6564e+01	0.0000e+00	0.0000e+00
262	2104	-1.0834e+02	0.0000e+00	0.0000e+00	1.0680e+00	0.0000e+00	0.0000e+00
	2121	1.0834e+02	0.0000e+00	0.0000e+00	-1.0680e+00	0.0000e+00	0.0000e+00
263	2074	-7.9533e+01	-1.0021e-17	-2.3397e-17	-5.7090e-01	0.0000e+00	0.0000e+00
	2104	7.9533e+01	1.0021e-17	2.3397e-17	5.7090e-01	0.0000e+00	0.0000e+00
264	2073	-4.1042e+01	-8.0098e-18	-3.6818e-15	3.6628e-01	0.0000e+00	0.0000e+00
	2074	4.1042e+01	8.0098e-18	3.6818e-15	-3.6628e-01	0.0000e+00	0.0000e+00
265	2053	1.7758e+01	-1.6072e-17	3.7309e-17	3.7131e-01	0.0000e+00	0.0000e+00
	2073	-1.7758e+01	1.6072e-17	-3.7309e-17	-3.7131e-01	0.0000e+00	0.0000e+00
266	2036	4.7788e+01	2.5275e-15	4.8414e-17	-5.8393e-01	0.0000e+00	0.0000e+00
	2053	-4.7788e+01	-2.5275e-15	-4.8414e-17	5.8393e-01	0.0000e+00	0.0000e+00
267	2019	6.9741e+01	2.8298e-17	-1.2839e-16	1.1857e+00	0.0000e+00	0.0000e+00
	2036	-6.9741e+01	-2.8298e-17	1.2839e-16	-1.1857e+00	0.0000e+00	0.0000e+00
268	2002	7.1722e+01	-5.4974e-17	0.0000e+00	-1.5237e+01	0.0000e+00	0.0000e+00
	2019	-7.1722e+01	5.4974e-17	0.0000e+00	1.5237e+01	0.0000e+00	0.0000e+00
269	1990	2.4913e+01	-6.1291e-17	-2.1994e-15	3.6817e+01	0.0000e+00	0.0000e+00
	2002	-2.4913e+01	6.1291e-17	2.1994e-15	-3.6817e+01	0.0000e+00	0.0000e+00
270	77	0.0000e+00	-2.7461e+01	0.0000e+00	1.8318e+03	0.0000e+00	-4.2550e+03
	1894	0.0000e+00	2.7461e+01	0.0000e+00	-1.8318e+03	0.0000e+00	-7.7416e+03
271	11	0.0000e+00	-1.6732e+01	0.0000e+00	1.1678e+03	0.0000e+00	-1.8558e+03
	77	0.0000e+00	1.6732e+01	0.0000e+00	-1.1678e+03	0.0000e+00	1.1884e+03
272	67	0.0000e+00	2.8321e+01	0.0000e+00	1.7931e+03	0.0000e+00	4.3226e+03
	1904	0.0000e+00	-2.8321e+01	0.0000e+00	-1.7931e+03	0.0000e+00	7.7354e+03
273	1	0.0000e+00	1.6386e+01	0.0000e+00	1.1602e+03	0.0000e+00	1.8624e+03
	67	0.0000e+00	-1.6386e+01	0.0000e+00	-1.1602e+03	0.0000e+00	-1.2062e+03
274	72	0.0000e+00	-1.1096e+00	0.0000e+00	4.7110e+02	0.0000e+00	-9.0822e+01

1899	0.0000e+00	1.1096e+00	0.0000e+00	-4.7110e+02	0.0000e+00	-2.9643e+02
275	6	0.0000e+00	2.7128e-01	0.0000e+00	1.2561e+03	0.0000e+00
	72	0.0000e+00	-2.7128e-01	0.0000e+00	-1.2561e+03	0.0000e+00
276	76	0.0000e+00	8.7819e+00	0.0000e+00	3.7282e+02	0.0000e+00
	1895	0.0000e+00	-8.7819e+00	0.0000e+00	-3.7282e+02	0.0000e+00
277	10	0.0000e+00	2.0490e+01	0.0000e+00	1.1835e+03	0.0000e+00
	76	0.0000e+00	-2.0490e+01	0.0000e+00	-1.1835e+03	0.0000e+00
278	75	0.0000e+00	-7.2068e+00	0.0000e+00	5.1988e+02	0.0000e+00
	1896	0.0000e+00	7.2068e+00	0.0000e+00	-5.1988e+02	0.0000e+00
279	9	0.0000e+00	-1.1260e+01	0.0000e+00	1.2382e+03	0.0000e+00
	75	0.0000e+00	1.1260e+01	0.0000e+00	-1.2382e+03	0.0000e+00
280	74	0.0000e+00	1.4281e+01	0.0000e+00	5.2263e+02	0.0000e+00
	1897	0.0000e+00	-1.4281e+01	0.0000e+00	-5.2263e+02	0.0000e+00
281	8	0.0000e+00	8.5514e+00	0.0000e+00	1.2446e+03	0.0000e+00
	74	0.0000e+00	-8.5514e+00	0.0000e+00	-1.2446e+03	0.0000e+00
282	73	0.0000e+00	-5.2746e+00	0.0000e+00	3.5678e+02	0.0000e+00
	1898	0.0000e+00	5.2746e+00	0.0000e+00	-3.5678e+02	0.0000e+00
283	7	0.0000e+00	-3.0224e+00	0.0000e+00	1.3178e+03	0.0000e+00
	73	0.0000e+00	3.0224e+00	0.0000e+00	-1.3178e+03	0.0000e+00
284	71	0.0000e+00	3.8230e+00	0.0000e+00	3.5701e+02	0.0000e+00
	1900	0.0000e+00	-3.8230e+00	0.0000e+00	-3.5701e+02	0.0000e+00
285	5	0.0000e+00	3.3709e+00	0.0000e+00	1.3176e+03	0.0000e+00
	71	0.0000e+00	-3.3709e+00	0.0000e+00	-1.3176e+03	0.0000e+00
286	70	0.0000e+00	-1.4212e+01	0.0000e+00	5.2515e+02	0.0000e+00
	1901	0.0000e+00	1.4212e+01	0.0000e+00	-5.2515e+02	0.0000e+00
287	4	0.0000e+00	-8.6042e+00	0.0000e+00	1.2436e+03	0.0000e+00
	70	0.0000e+00	8.6042e+00	0.0000e+00	-1.2436e+03	0.0000e+00
288	69	0.0000e+00	7.1536e+00	0.0000e+00	5.1785e+02	0.0000e+00
	1902	0.0000e+00	-7.1536e+00	0.0000e+00	-5.1785e+02	0.0000e+00
289	3	0.0000e+00	1.1444e+01	0.0000e+00	1.2435e+03	0.0000e+00
	69	0.0000e+00	-1.1444e+01	0.0000e+00	-1.2435e+03	0.0000e+00
290	68	0.0000e+00	-5.9288e+00	0.0000e+00	3.6842e+02	0.0000e+00
	1903	0.0000e+00	5.9288e+00	0.0000e+00	-3.6842e+02	0.0000e+00
291	2	0.0000e+00	-2.0077e+01	0.0000e+00	1.1855e+03	0.0000e+00
	68	0.0000e+00	2.0077e+01	0.0000e+00	-1.1855e+03	0.0000e+00
292	57	2.5262e+02	1.4689e-14	-4.9790e+02	1.9255e+00	4.9790e+03
	1950	-2.5262e+02	-1.4689e-14	4.9790e+02	-1.9255e+00	0.0000e+00
293	34	-5.7085e+02	-7.4960e-15	-3.1737e+02	9.7821e-01	4.1258e+03
	1938	5.7085e+02	7.4960e-15	3.1737e+02	-9.7821e-01	0.0000e+00
294	37	3.7031e+02	1.4439e-15	-3.1679e+02	9.4460e-01	4.1183e+03
	1940	-3.7031e+02	-1.4439e-15	3.1679e+02	-9.4460e-01	0.0000e+00
295	38	-1.0958e+02	7.6100e-16	-3.1492e+02	9.5296e-01	4.0939e+03
	1941	1.0958e+02	-7.6100e-16	3.1492e+02	-9.5296e-01	0.0000e+00
296	39	-9.3151e+01	-4.9973e-16	-3.1408e+02	9.5799e-01	4.0831e+03
	1942	9.3151e+01	4.9973e-16	3.1408e+02	-9.5799e-01	0.0000e+00
297	40	1.9012e+01	3.4219e-16	-3.1330e+02	9.6317e-01	4.0728e+03
	1943	-1.9012e+01	-3.4219e-16	3.1330e+02	-9.6317e-01	0.0000e+00
298	41	-5.9110e+00	6.5281e-17	-3.1315e+02	9.6356e-01	4.0710e+03
	1944	5.9110e+00	-6.5281e-17	3.1315e+02	-9.6356e-01	0.0000e+00
299	42	-2.7468e+01	2.7723e-16	-3.1332e+02	9.5998e-01	4.0732e+03
	1945	2.7468e+01	-2.7723e-16	3.1332e+02	-9.5998e-01	0.0000e+00
300	43	1.0167e+02	4.4878e-16	-3.1415e+02	9.5080e-01	4.0839e+03
	1946	-1.0167e+02	-4.4878e-16	3.1415e+02	-9.5080e-01	0.0000e+00
301	44	-1.2762e+02	6.4256e-16	-3.1500e+02	9.4306e-01	4.0950e+03
	1947	1.2762e+02	-6.4256e-16	3.1500e+02	-9.4306e-01	0.0000e+00

302	45	-3.3874e+02	-1.6306e-15	-3.1695e+02	9.2732e-01	4.1203e+03	0.0000e+00
	1948	3.3874e+02	1.6306e-15	3.1695e+02	-9.2732e-01	0.0000e+00	0.0000e+00
303	46	5.9653e+02	7.5526e-15	-3.1756e+02	9.0339e-01	4.1282e+03	0.0000e+00
	1949	-5.9653e+02	-7.5526e-15	3.1756e+02	-9.0339e-01	0.0000e+00	0.0000e+00
304	66	2.9634e+02	4.7330e-14	-4.9874e+02	2.0408e+00	4.9874e+03	0.0000e+00
	1959	-2.9634e+02	-4.7330e-14	4.9874e+02	-2.0408e+00	0.0000e+00	0.0000e+00
305	65	-2.6659e+02	-1.4032e-14	-4.9907e+02	1.8829e+00	4.9907e+03	0.0000e+00
	1958	2.6659e+02	1.4032e-14	4.9907e+02	-1.8829e+00	0.0000e+00	0.0000e+00
306	64	-1.1595e+01	-2.1262e-15	-4.9767e+02	1.9151e+00	4.9767e+03	0.0000e+00
	1957	1.1595e+01	2.1262e-15	4.9767e+02	-1.9151e+00	0.0000e+00	0.0000e+00
307	63	9.7314e+00	-1.5388e-15	-4.9685e+02	1.9311e+00	4.9685e+03	0.0000e+00
	1956	-9.7314e+00	1.5388e-15	4.9685e+02	-1.9311e+00	0.0000e+00	0.0000e+00
308	62	-2.4746e+00	-9.9352e-16	-4.9584e+02	1.9484e+00	4.9584e+03	0.0000e+00
	1955	2.4746e+00	9.9352e-16	4.9584e+02	-1.9484e+00	0.0000e+00	0.0000e+00
309	61	-5.1693e-01	-2.8990e-16	-4.9564e+02	1.9550e+00	4.9564e+03	0.0000e+00
	1954	5.1693e-01	2.8990e-16	4.9564e+02	-1.9550e+00	0.0000e+00	0.0000e+00
310	60	2.0408e+00	-1.1081e-15	-4.9563e+02	1.9546e+00	4.9563e+03	0.0000e+00
	1953	-2.0408e+00	1.1081e-15	4.9563e+02	-1.9546e+00	0.0000e+00	0.0000e+00
311	59	-9.9649e+00	1.4815e-15	-4.9635e+02	1.9467e+00	4.9635e+03	0.0000e+00
	1952	9.9649e+00	-1.4815e-15	4.9635e+02	-1.9467e+00	0.0000e+00	0.0000e+00
312	58	1.1441e+01	-2.2654e-15	-4.9694e+02	1.9393e+00	4.9694e+03	0.0000e+00
	1951	-1.1441e+01	2.2654e-15	4.9694e+02	-1.9393e+00	0.0000e+00	0.0000e+00
313	1936	5.4962e+02	9.2106e-17	-1.3778e-15	-4.4191e+00	0.0000e+00	0.0000e+00
	1937	-5.4962e+02	-9.2106e-17	1.3778e-15	4.4191e+00	0.0000e+00	0.0000e+00
314	1935	4.2311e+02	-3.1496e-18	5.1774e-16	-1.3609e+00	0.0000e+00	0.0000e+00
	1936	-4.2311e+02	3.1496e-18	-5.1774e-16	1.3609e+00	0.0000e+00	0.0000e+00
315	1934	3.0181e+02	0.0000e+00	0.0000e+00	1.5638e+00	0.0000e+00	0.0000e+00
	1935	-3.0181e+02	0.0000e+00	0.0000e+00	-1.5638e+00	0.0000e+00	0.0000e+00
316	1933	1.7921e+02	2.9880e-18	-2.3367e-17	-7.1228e-01	0.0000e+00	0.0000e+00
	1934	-1.7921e+02	-2.9880e-18	2.3367e-17	7.1228e-01	0.0000e+00	0.0000e+00
317	1932	5.0517e+01	2.4512e-18	-9.0495e-16	3.4785e-01	0.0000e+00	0.0000e+00
	1933	-5.0517e+01	-2.4512e-18	9.0495e-16	-3.4785e-01	0.0000e+00	0.0000e+00
318	1931	-7.2196e+01	4.8983e-18	4.1688e-17	3.4718e-01	0.0000e+00	0.0000e+00
	1932	7.2196e+01	-4.8983e-18	-4.1688e-17	-3.4718e-01	0.0000e+00	0.0000e+00
319	1930	-2.0134e+02	-7.8833e-16	4.8062e-17	-7.1246e-01	0.0000e+00	0.0000e+00
	1931	2.0134e+02	7.8833e-16	-4.8062e-17	7.1246e-01	0.0000e+00	0.0000e+00
320	1929	-3.2491e+02	-8.7537e-18	-1.8575e-16	1.5598e+00	0.0000e+00	0.0000e+00
	1930	3.2491e+02	8.7537e-18	1.8575e-16	-1.5598e+00	0.0000e+00	0.0000e+00
321	1928	-4.4761e+02	-2.2853e-17	0.0000e+00	2.9255e+00	0.0000e+00	0.0000e+00
	1929	4.4761e+02	2.2853e-17	0.0000e+00	-2.9255e+00	0.0000e+00	0.0000e+00
322	1927	9.1611e+01	-1.8671e-17	-2.2467e-15	-4.3936e+00	0.0000e+00	0.0000e+00
	1928	-9.1611e+01	1.8671e-17	2.2467e-15	4.3936e+00	0.0000e+00	0.0000e+00
323	1937	3.2572e+02	-2.1347e+01	-6.6646e+01	-1.0455e-01	6.5350e-03	-4.2218e+00
	1960	-3.2572e+02	2.1347e+01	6.6646e+01	1.0455e-01	4.8119e+03	-1.5382e+03
324	1936	7.4159e+00	-5.4980e+00	-6.3413e+01	3.4638e-12	-1.7478e-10	5.7587e+00
	1961	-7.4159e+00	5.4980e+00	6.3413e+01	-3.4638e-12	4.5785e+03	-3.9942e+02
325	1935	-1.7010e+00	1.2611e+00	-6.6722e+01	-1.5409e-12	2.4565e-11	2.0799e+00
	1962	1.7010e+00	-1.2611e+00	6.6722e+01	1.5409e-12	4.8174e+03	-8.9575e+01
326	1934	1.2636e+00	-9.3684e-01	-6.8011e+01	3.2448e-12	-1.5091e-10	-2.2661e+00
	1963	-1.2636e+00	9.3684e-01	6.8011e+01	-3.2448e-12	4.9105e+03	-6.8415e+01
327	1933	-4.3234e-01	3.2053e-01	-6.9103e+01	-2.8831e-11	3.4159e-11	1.0449e+00
	1964	4.3234e-01	-3.2053e-01	6.9103e+01	2.8831e-11	4.9893e+03	2.2680e+01
328	1932	-3.9562e-02	2.9330e-02	-6.9496e+01	6.0290e-12	1.6612e-10	-9.3780e-04
	1965	3.9562e-02	-2.9330e-02	6.9496e+01	-6.0290e-12	5.0177e+03	2.1180e+00
329	1931	-4.1835e-01	3.1016e-01	-6.9498e+01	1.7358e-11	-1.2115e-10	-1.0446e+00

	1966	4.1835e-01	-3.1016e-01	6.9498e+01	-1.7358e-11	5.0178e+03	2.1835e+01
330	1930	-1.3090e+00	9.7045e-01	-6.8938e+01	3.1329e-12	-1.8487e-10	2.2627e+00
	1967	1.3090e+00	-9.7045e-01	6.8938e+01	-3.1329e-12	4.9774e+03	7.0908e+01
331	1929	-1.7943e+00	1.3302e+00	-6.8041e+01	1.6455e-12	-3.8454e-11	-2.7860e+00
	1968	1.7943e+00	-1.3302e+00	6.8041e+01	-1.6455e-12	4.9126e+03	9.4919e+01
332	1928	3.3554e+02	-2.2066e+01	-6.5494e+01	-9.8325e-02	6.1458e-03	-7.1037e+00
	1969	-3.3554e+02	2.2066e+01	6.5494e+01	9.8325e-02	4.7288e+03	-1.5878e+03
333	1927	6.0560e+00	-4.4898e+00	-5.9796e+01	1.7717e-12	5.1864e-11	4.3936e+00
	1970	-6.0560e+00	4.4898e+00	5.9796e+01	-1.7717e-12	4.3174e+03	-3.2557e+02
334	2089	-8.0651e+01	-7.5159e-18	1.5452e-17	-1.2132e-01	0.0000e+00	0.0000e+00
	2090	8.0651e+01	7.5159e-18	-1.5452e-17	1.2132e-01	0.0000e+00	0.0000e+00
335	2083	1.0965e+02	-1.8056e-17	1.7405e-17	-3.0771e-01	0.0000e+00	0.0000e+00
	2084	-1.0965e+02	1.8056e-17	-1.7405e-17	3.0771e-01	0.0000e+00	0.0000e+00
336	2081	1.9358e+01	-2.0207e-17	1.7497e-17	-7.4482e-02	0.0000e+00	0.0000e+00
	2082	-1.9358e+01	2.0207e-17	-1.7497e-17	7.4482e-02	0.0000e+00	0.0000e+00
337	2055	-1.2066e+02	-1.9902e-17	1.6991e-17	-1.9525e-01	0.0000e+00	0.0000e+00
	2077	1.2066e+02	1.9902e-17	-1.6991e-17	1.9525e-01	0.0000e+00	0.0000e+00
338	2077	4.5197e+01	-1.9473e-17	1.7510e-17	-1.7748e-01	0.0000e+00	0.0000e+00
	2078	-4.5197e+01	1.9473e-17	-1.7510e-17	1.7748e-01	0.0000e+00	0.0000e+00
339	2075	-3.4184e+01	-1.6463e-17	1.7749e-17	3.2707e-01	0.0000e+00	0.0000e+00
	2076	3.4184e+01	1.6463e-17	-1.7749e-17	-3.2707e-01	0.0000e+00	0.0000e+00
340	2071	-4.9311e+01	-1.2219e-17	1.8345e-17	3.9100e-01	0.0000e+00	0.0000e+00
	2072	4.9311e+01	1.2219e-17	-1.8345e-17	-3.9100e-01	0.0000e+00	0.0000e+00
341	2087	2.8839e+01	-1.2223e-17	1.6580e-17	-3.9726e-01	0.0000e+00	0.0000e+00
	2088	-2.8839e+01	1.2223e-17	-1.6580e-17	3.9726e-01	0.0000e+00	0.0000e+00
342	2090	-2.2186e+02	0.0000e+00	-9.3611e-17	3.7146e-01	0.0000e+00	0.0000e+00
	2112	2.2186e+02	0.0000e+00	9.3611e-17	-3.7146e-01	0.0000e+00	0.0000e+00
343	2088	4.9233e+01	0.0000e+00	-1.0154e-16	7.9087e-01	0.0000e+00	0.0000e+00
	2111	-4.9233e+01	0.0000e+00	1.0154e-16	-7.9087e-01	0.0000e+00	0.0000e+00
344	2084	1.8525e+02	0.0000e+00	-1.0743e-16	5.6252e-01	0.0000e+00	0.0000e+00
	2109	-1.8525e+02	0.0000e+00	1.0743e-16	-5.6252e-01	0.0000e+00	0.0000e+00
345	2082	5.6271e+01	0.0000e+00	-1.0741e-16	1.1241e-01	0.0000e+00	0.0000e+00
	2108	-5.6271e+01	0.0000e+00	1.0741e-16	-1.1241e-01	0.0000e+00	0.0000e+00
346	2078	2.2704e+02	0.0000e+00	-1.0718e-16	4.5760e-01	0.0000e+00	0.0000e+00
	2106	-2.2704e+02	0.0000e+00	1.0718e-16	-4.5760e-01	0.0000e+00	0.0000e+00
347	2076	-1.4052e+01	0.0000e+00	-1.0891e-16	-6.9788e-01	0.0000e+00	0.0000e+00
	2105	1.4052e+01	0.0000e+00	1.0891e-16	6.9788e-01	0.0000e+00	0.0000e+00
348	2072	-1.4902e+02	0.0000e+00	-1.1270e-16	-7.1533e-01	0.0000e+00	0.0000e+00
	2103	1.4902e+02	0.0000e+00	1.1270e-16	7.1533e-01	0.0000e+00	0.0000e+00
349	2103	-2.6229e+02	0.0000e+00	0.0000e+00	7.4887e-01	0.0000e+00	0.0000e+00
	2120	2.6229e+02	0.0000e+00	0.0000e+00	-7.4887e-01	0.0000e+00	0.0000e+00
350	2105	-2.1692e+01	0.0000e+00	0.0000e+00	4.4075e-01	0.0000e+00	0.0000e+00
	2122	2.1692e+01	0.0000e+00	0.0000e+00	-4.4075e-01	0.0000e+00	0.0000e+00
351	2106	4.9694e+02	0.0000e+00	0.0000e+00	-1.8430e-01	0.0000e+00	0.0000e+00
	2123	-4.9694e+02	0.0000e+00	0.0000e+00	1.8430e-01	0.0000e+00	0.0000e+00
352	2108	7.8501e+01	0.0000e+00	0.0000e+00	-2.5305e-01	0.0000e+00	0.0000e+00
	2125	-7.8501e+01	0.0000e+00	0.0000e+00	2.5305e-01	0.0000e+00	0.0000e+00
353	2109	3.0394e+02	0.0000e+00	0.0000e+00	-3.3324e-01	0.0000e+00	0.0000e+00
	1925	-3.0394e+02	0.0000e+00	0.0000e+00	3.3324e-01	0.0000e+00	0.0000e+00
354	2111	6.8810e+01	0.0000e+00	0.0000e+00	-5.6283e-01	0.0000e+00	0.0000e+00
	1983	-6.8810e+01	0.0000e+00	0.0000e+00	5.6283e-01	0.0000e+00	0.0000e+00
355	2112	-3.7889e+02	0.0000e+00	0.0000e+00	-5.4445e-01	0.0000e+00	0.0000e+00
	2005	3.7889e+02	0.0000e+00	0.0000e+00	5.4445e-01	0.0000e+00	0.0000e+00
356	2085	3.8486e+02	7.5681e-16	6.6280e-16	-3.7279e+01	0.0000e+00	0.0000e+00
	1921	-3.8486e+02	-7.5681e-16	-6.6280e-16	3.7279e+01	0.0000e+00	0.0000e+00

357	1983	8.0406e+01	0.0000e+00	2.2074e-16	2.1763e+01	0.0000e+00	0.0000e+00
	2059	-8.0406e+01	0.0000e+00	-2.2074e-16	-2.1763e+01	0.0000e+00	0.0000e+00
358	2005	-5.4751e+02	0.0000e+00	2.1758e-16	1.7926e+01	0.0000e+00	0.0000e+00
	2085	5.4751e+02	0.0000e+00	-2.1758e-16	-1.7926e+01	0.0000e+00	0.0000e+00
359	1925	7.3155e+02	0.0000e+00	2.7776e-16	1.8433e+01	0.0000e+00	0.0000e+00
	2042	-7.3155e+02	0.0000e+00	-2.7776e-16	-1.8433e+01	0.0000e+00	0.0000e+00
360	2125	8.3276e+01	0.0000e+00	3.1572e-16	8.6798e+00	0.0000e+00	0.0000e+00
	2025	-8.3276e+01	0.0000e+00	-3.1572e-16	-8.6798e+00	0.0000e+00	0.0000e+00
361	2123	8.4103e+02	0.0000e+00	3.2749e-16	-8.3837e+00	0.0000e+00	0.0000e+00
	2008	-8.4103e+02	0.0000e+00	-3.2749e-16	8.3837e+00	0.0000e+00	0.0000e+00
362	2122	-2.9214e+01	0.0000e+00	3.6428e-16	-1.9812e+01	0.0000e+00	0.0000e+00
	1996	2.9214e+01	0.0000e+00	-3.6428e-16	1.9812e+01	0.0000e+00	0.0000e+00
363	2120	-3.8480e+02	0.0000e+00	-4.7422e-16	-2.3485e+01	0.0000e+00	0.0000e+00
	1919	3.8480e+02	0.0000e+00	4.7422e-16	2.3485e+01	0.0000e+00	0.0000e+00
364	2059	4.7335e+01	2.7223e-15	7.7881e-16	-5.2072e+01	0.0000e+00	0.0000e+00
	1920	-4.7335e+01	-2.7223e-15	-7.7881e-16	5.2072e+01	0.0000e+00	0.0000e+00
365	2042	4.0935e+02	4.7377e-15	8.8357e-16	-4.3645e+01	0.0000e+00	0.0000e+00
	1918	-4.0935e+02	-4.7377e-15	-8.8357e-16	4.3645e+01	0.0000e+00	0.0000e+00
366	2025	6.4805e+01	6.0212e-15	9.2654e-16	-1.8415e+01	0.0000e+00	0.0000e+00
	1917	-6.4805e+01	-6.0212e-15	-9.2654e-16	1.8415e+01	0.0000e+00	0.0000e+00
367	2008	-5.3074e+02	6.0548e-15	9.3747e-16	2.0293e+01	0.0000e+00	0.0000e+00
	2107	5.3074e+02	-6.0548e-15	-9.3747e-16	-2.0293e+01	0.0000e+00	0.0000e+00
368	1996	-1.9388e+01	4.6217e-15	9.9266e-16	4.8387e+01	0.0000e+00	0.0000e+00
	2080	1.9388e+01	-4.6217e-15	-9.9266e-16	-4.8387e+01	0.0000e+00	0.0000e+00
369	1919	-1.1196e+03	2.3816e-15	-1.1473e-15	5.7186e+01	0.0000e+00	0.0000e+00
	2079	1.1196e+03	-2.3816e-15	1.1473e-15	-5.7186e+01	0.0000e+00	0.0000e+00
370	2097	3.4430e+01	1.7954e-16	-1.4055e-15	3.4169e+00	0.0000e+00	0.0000e+00
	2039	-3.4430e+01	-1.7954e-16	1.4055e-15	-3.4169e+00	0.0000e+00	0.0000e+00
371	2098	-4.5990e+02	3.5457e-16	-1.4326e-15	1.1303e+01	0.0000e+00	0.0000e+00
	2056	4.5990e+02	-3.5457e-16	1.4326e-15	-1.1303e+01	0.0000e+00	0.0000e+00
372	2119	-6.2228e+02	0.0000e+00	-6.8733e-16	-4.5557e+00	0.0000e+00	0.0000e+00
	2098	6.2228e+02	0.0000e+00	6.8733e-16	4.5557e+00	0.0000e+00	0.0000e+00
373	2118	-4.6044e+01	0.0000e+00	-6.6668e-16	-1.2185e+00	0.0000e+00	0.0000e+00
	2097	4.6044e+01	0.0000e+00	6.6668e-16	1.2185e+00	0.0000e+00	0.0000e+00
374	2102	-4.2613e+02	0.0000e+00	0.0000e+00	1.3864e+00	0.0000e+00	0.0000e+00
	2119	4.2613e+02	0.0000e+00	0.0000e+00	-1.3864e+00	0.0000e+00	0.0000e+00
375	2101	-4.2248e+01	0.0000e+00	0.0000e+00	1.5477e+00	0.0000e+00	0.0000e+00
	2118	4.2248e+01	0.0000e+00	0.0000e+00	-1.5477e+00	0.0000e+00	0.0000e+00
376	2070	-2.4774e+02	0.0000e+00	-1.1821e-16	-6.0988e-01	0.0000e+00	0.0000e+00
	2102	2.4774e+02	0.0000e+00	1.1821e-16	6.0988e-01	0.0000e+00	0.0000e+00
377	2068	-3.0207e+01	0.0000e+00	-1.1713e-16	-7.1173e-01	0.0000e+00	0.0000e+00
	2101	3.0207e+01	0.0000e+00	1.1713e-16	7.1173e-01	0.0000e+00	0.0000e+00
378	2069	-8.8359e+01	-4.4897e-18	1.9843e-17	3.3386e-01	0.0000e+00	0.0000e+00
	2070	8.8359e+01	4.4897e-18	-1.9843e-17	-3.3386e-01	0.0000e+00	0.0000e+00
379	2067	-1.3192e+01	-9.6153e-19	2.0417e-17	3.3988e-01	0.0000e+00	0.0000e+00
	2068	1.3192e+01	9.6153e-19	-2.0417e-17	-3.3988e-01	0.0000e+00	0.0000e+00
380	2022	2.0762e+02	-1.5478e-15	7.8985e-16	3.3291e+01	0.0000e+00	0.0000e+00
	1926	-2.0762e+02	1.5478e-15	-7.8985e-16	-3.3291e+01	0.0000e+00	0.0000e+00
381	1993	7.3017e+01	-1.9743e-15	9.1942e-16	5.4188e+00	0.0000e+00	0.0000e+00
	1924	-7.3017e+01	1.9743e-15	-9.1942e-16	-5.4188e+00	0.0000e+00	0.0000e+00
382	1916	7.4765e+02	-1.5789e-15	8.5506e-16	-1.5807e+01	0.0000e+00	0.0000e+00
	1923	-7.4765e+02	1.5789e-15	-8.5506e-16	1.5807e+01	0.0000e+00	0.0000e+00
383	2086	4.8089e+01	-7.7883e-16	7.1035e-16	-2.2824e+01	0.0000e+00	0.0000e+00
	1922	-4.8089e+01	7.7883e-16	-7.1035e-16	2.2824e+01	0.0000e+00	0.0000e+00
384	2065	-6.5110e+02	0.0000e+00	3.6961e-16	-8.5376e+00	0.0000e+00	0.0000e+00

	2022	6.5110e+02	0.0000e+00	-3.6961e-16	8.5376e+00	0.0000e+00	0.0000e+00
385	2048	6.7035e+01	0.0000e+00	4.1298e-16	-6.6841e-01	0.0000e+00	0.0000e+00
	1993	-6.7035e+01	0.0000e+00	-4.1298e-16	6.6841e-01	0.0000e+00	0.0000e+00
386	2031	8.5505e+02	0.0000e+00	3.7339e-16	5.4743e+00	0.0000e+00	0.0000e+00
	1916	-8.5505e+02	0.0000e+00	-3.7339e-16	-5.4743e+00	0.0000e+00	0.0000e+00
387	2014	4.2799e+01	0.0000e+00	2.8600e-16	1.0045e+01	0.0000e+00	0.0000e+00
	2086	-4.2799e+01	0.0000e+00	-2.8600e-16	-1.0045e+01	0.0000e+00	0.0000e+00
388	2113	3.7521e+01	0.0000e+00	0.0000e+00	-1.3154e+00	0.0000e+00	0.0000e+00
	2014	-3.7521e+01	0.0000e+00	0.0000e+00	1.3154e+00	0.0000e+00	0.0000e+00
389	2114	5.9391e+02	0.0000e+00	0.0000e+00	-1.0480e+00	0.0000e+00	0.0000e+00
	2031	-5.9391e+02	0.0000e+00	0.0000e+00	1.0480e+00	0.0000e+00	0.0000e+00
390	2115	5.8395e+01	0.0000e+00	0.0000e+00	-7.0228e-01	0.0000e+00	0.0000e+00
	2048	-5.8395e+01	0.0000e+00	0.0000e+00	7.0228e-01	0.0000e+00	0.0000e+00
391	2117	-4.5982e+02	0.0000e+00	0.0000e+00	1.8115e+00	0.0000e+00	0.0000e+00
	2065	4.5982e+02	0.0000e+00	0.0000e+00	-1.8115e+00	0.0000e+00	0.0000e+00
392	2092	2.8372e+01	0.0000e+00	-1.0467e-16	2.0031e+00	0.0000e+00	0.0000e+00
	2113	-2.8372e+01	0.0000e+00	1.0467e-16	-2.0031e+00	0.0000e+00	0.0000e+00
393	2094	3.4884e+02	0.0000e+00	1.2801e-16	1.4944e+00	0.0000e+00	0.0000e+00
	2114	-3.4884e+02	0.0000e+00	-1.2801e-16	-1.4944e+00	0.0000e+00	0.0000e+00
394	2096	4.4086e+01	0.0000e+00	1.3891e-16	4.1926e-01	0.0000e+00	0.0000e+00
	2115	-4.4086e+01	0.0000e+00	-1.3891e-16	-4.1926e-01	0.0000e+00	0.0000e+00
395	2100	-2.7402e+02	0.0000e+00	1.1969e-16	-2.6937e+00	0.0000e+00	0.0000e+00
	2117	2.7402e+02	0.0000e+00	-1.1969e-16	2.6937e+00	0.0000e+00	0.0000e+00
396	2091	1.3416e+01	-1.2824e-17	1.6617e-17	-7.0043e-01	0.0000e+00	0.0000e+00
	2092	-1.3416e+01	1.2824e-17	-1.6617e-17	7.0043e-01	0.0000e+00	0.0000e+00
397	2093	1.1178e+02	-2.1212e-17	-1.9203e-17	-5.0585e-01	0.0000e+00	0.0000e+00
	2094	-1.1178e+02	2.1212e-17	1.9203e-17	5.0585e-01	0.0000e+00	0.0000e+00
398	2095	1.9239e+01	2.5111e-17	-2.0237e-17	-2.4256e-01	0.0000e+00	0.0000e+00
	2096	-1.9239e+01	-2.5111e-17	2.0237e-17	2.4256e-01	0.0000e+00	0.0000e+00
399	2099	-9.8827e+01	1.9642e-17	-1.7518e-17	1.1335e+00	0.0000e+00	0.0000e+00
	2100	9.8827e+01	-1.9642e-17	1.7518e-17	-1.1335e+00	0.0000e+00	0.0000e+00
400	2066	8.1000e+01	1.7887e-17	-1.6329e-17	1.0380e+00	0.0000e+00	0.0000e+00
	2099	-8.1000e+01	-1.7887e-17	1.6329e-17	-1.0380e+00	0.0000e+00	0.0000e+00
401	2049	2.5473e+02	0.0000e+00	1.1655e-16	-2.5884e+00	0.0000e+00	0.0000e+00
	2066	-2.5473e+02	0.0000e+00	-1.1655e-16	2.5884e+00	0.0000e+00	0.0000e+00
402	2064	1.0143e+01	2.2942e-17	-1.8831e-17	-2.3409e-01	0.0000e+00	0.0000e+00
	2095	-1.0143e+01	-2.2942e-17	1.8831e-17	2.3409e-01	0.0000e+00	0.0000e+00
403	2063	-1.1455e+02	-1.9563e-17	1.7935e-17	-4.4499e-01	0.0000e+00	0.0000e+00
	2093	1.1455e+02	1.9563e-17	-1.7935e-17	4.4499e-01	0.0000e+00	0.0000e+00
404	2062	1.2535e+01	-1.2215e-17	1.5647e-17	-6.1209e-01	0.0000e+00	0.0000e+00
	2091	-1.2535e+01	1.2215e-17	-1.5647e-17	6.1209e-01	0.0000e+00	0.0000e+00
405	2061	6.8639e+01	-7.6351e-18	1.4650e-17	-1.1549e-01	0.0000e+00	0.0000e+00
	2089	-6.8639e+01	7.6351e-18	-1.4650e-17	1.1549e-01	0.0000e+00	0.0000e+00
406	2060	1.9939e+01	-1.2465e-17	1.5751e-17	-4.0785e-01	0.0000e+00	0.0000e+00
	2087	-1.9939e+01	1.2465e-17	-1.5751e-17	4.0785e-01	0.0000e+00	0.0000e+00
407	2058	-3.1666e+01	-1.8373e-17	1.6561e-17	-3.3313e-01	0.0000e+00	0.0000e+00
	2083	3.1666e+01	1.8373e-17	-1.6561e-17	3.3313e-01	0.0000e+00	0.0000e+00
408	2057	-3.8588e+01	-2.1203e-17	1.6829e-17	-7.4542e-02	0.0000e+00	0.0000e+00
	2081	3.8588e+01	2.1203e-17	-1.6829e-17	7.4542e-02	0.0000e+00	0.0000e+00
409	2054	-5.7627e+01	-1.6735e-17	1.7237e-17	3.3489e-01	0.0000e+00	0.0000e+00
	2075	5.7627e+01	1.6735e-17	-1.7237e-17	-3.3489e-01	0.0000e+00	0.0000e+00
410	2052	6.1433e+01	-1.2377e-17	1.7835e-17	3.9518e-01	0.0000e+00	0.0000e+00
	2071	-6.1433e+01	1.2377e-17	-1.7835e-17	-3.9518e-01	0.0000e+00	0.0000e+00
411	2051	7.2753e+01	-4.4562e-18	1.9373e-17	3.3651e-01	0.0000e+00	0.0000e+00
	2069	-7.2753e+01	4.4562e-18	-1.9373e-17	-3.3651e-01	0.0000e+00	0.0000e+00

412	2050	1.2019e+01	-9.4454e-19	2.0005e-17	3.3922e-01	0.0000e+00	0.0000e+00
	2067	-1.2019e+01	9.4454e-19	-2.0005e-17	-3.3922e-01	0.0000e+00	0.0000e+00
413	2047	2.7499e+01	0.0000e+00	1.3484e-16	3.8352e-01	0.0000e+00	0.0000e+00
	2064	-2.7499e+01	0.0000e+00	-1.3484e-16	-3.8352e-01	0.0000e+00	0.0000e+00
414	2046	-3.5313e+02	0.0000e+00	1.2396e-16	1.4616e+00	0.0000e+00	0.0000e+00
	2063	3.5313e+02	0.0000e+00	-1.2396e-16	-1.4616e+00	0.0000e+00	0.0000e+00
415	2045	-2.6270e+01	0.0000e+00	1.0125e-16	1.9228e+00	0.0000e+00	0.0000e+00
	2062	2.6270e+01	0.0000e+00	-1.0125e-16	-1.9228e+00	0.0000e+00	0.0000e+00
416	2044	2.1044e+02	0.0000e+00	-9.0822e-17	3.1064e-01	0.0000e+00	0.0000e+00
	2061	-2.1044e+02	0.0000e+00	9.0822e-17	-3.1064e-01	0.0000e+00	0.0000e+00
417	2043	2.4633e+01	0.0000e+00	-9.9208e-17	9.0967e-01	0.0000e+00	0.0000e+00
	2060	-2.4633e+01	0.0000e+00	9.9208e-17	-9.0967e-01	0.0000e+00	0.0000e+00
418	2041	-1.1708e+02	0.0000e+00	-1.0557e-16	7.3331e-01	0.0000e+00	0.0000e+00
	2058	1.1708e+02	0.0000e+00	1.0557e-16	-7.3331e-01	0.0000e+00	0.0000e+00
419	2040	-8.5600e+01	0.0000e+00	-1.0822e-16	1.1324e-01	0.0000e+00	0.0000e+00
	2057	8.5600e+01	0.0000e+00	1.0822e-16	-1.1324e-01	0.0000e+00	0.0000e+00
420	2038	-3.2722e+02	0.0000e+00	-1.1027e-16	6.1138e-01	0.0000e+00	0.0000e+00
	2055	3.2722e+02	0.0000e+00	1.1027e-16	-6.1138e-01	0.0000e+00	0.0000e+00
421	2037	-8.9125e+01	0.0000e+00	-1.1230e-16	-8.0736e-01	0.0000e+00	0.0000e+00
	2054	8.9125e+01	0.0000e+00	1.1230e-16	8.0736e-01	0.0000e+00	0.0000e+00
422	2035	1.6525e+02	0.0000e+00	-1.1648e-16	-7.7812e-01	0.0000e+00	0.0000e+00
	2052	-1.6525e+02	0.0000e+00	1.1648e-16	7.7812e-01	0.0000e+00	0.0000e+00
423	2034	2.3282e+02	0.0000e+00	-1.2221e-16	-6.0405e-01	0.0000e+00	0.0000e+00
	2051	-2.3282e+02	0.0000e+00	1.2221e-16	6.0405e-01	0.0000e+00	0.0000e+00
424	2033	2.6877e+01	0.0000e+00	-1.2081e-16	-7.1206e-01	0.0000e+00	0.0000e+00
	2050	-2.6877e+01	0.0000e+00	1.2081e-16	7.1206e-01	0.0000e+00	0.0000e+00
425	2032	4.3694e+02	0.0000e+00	0.0000e+00	-1.2831e+00	0.0000e+00	0.0000e+00
	2049	-4.3694e+02	0.0000e+00	0.0000e+00	1.2831e+00	0.0000e+00	0.0000e+00
426	2030	-3.8257e+01	0.0000e+00	0.0000e+00	-6.9195e-01	0.0000e+00	0.0000e+00
	2047	3.8257e+01	0.0000e+00	0.0000e+00	6.9195e-01	0.0000e+00	0.0000e+00
427	2029	-6.0198e+02	0.0000e+00	0.0000e+00	-7.0315e-01	0.0000e+00	0.0000e+00
	2046	6.0198e+02	0.0000e+00	0.0000e+00	7.0315e-01	0.0000e+00	0.0000e+00
428	2028	-3.3478e+01	0.0000e+00	0.0000e+00	-7.7133e-01	0.0000e+00	0.0000e+00
	2045	3.3478e+01	0.0000e+00	0.0000e+00	7.7133e-01	0.0000e+00	0.0000e+00
429	2027	3.6785e+02	0.0000e+00	0.0000e+00	-6.4988e-01	0.0000e+00	0.0000e+00
	2044	-3.6785e+02	0.0000e+00	0.0000e+00	6.4988e-01	0.0000e+00	0.0000e+00
430	2026	3.6470e+01	0.0000e+00	0.0000e+00	-8.6933e-01	0.0000e+00	0.0000e+00
	2043	-3.6470e+01	0.0000e+00	0.0000e+00	8.6933e-01	0.0000e+00	0.0000e+00
431	2024	-2.4907e+02	0.0000e+00	0.0000e+00	-7.7581e-01	0.0000e+00	0.0000e+00
	2041	2.4907e+02	0.0000e+00	0.0000e+00	7.7581e-01	0.0000e+00	0.0000e+00
432	2023	-1.1465e+02	0.0000e+00	0.0000e+00	-2.5550e-01	0.0000e+00	0.0000e+00
	2040	1.1465e+02	0.0000e+00	0.0000e+00	2.5550e-01	0.0000e+00	0.0000e+00
433	2021	-5.9085e+02	0.0000e+00	0.0000e+00	-4.5810e-01	0.0000e+00	0.0000e+00
	2038	5.9085e+02	0.0000e+00	0.0000e+00	4.5810e-01	0.0000e+00	0.0000e+00
434	2020	-1.1331e+02	0.0000e+00	0.0000e+00	7.0238e-01	0.0000e+00	0.0000e+00
	2037	1.1331e+02	0.0000e+00	0.0000e+00	-7.0238e-01	0.0000e+00	0.0000e+00
435	2018	2.8771e+02	0.0000e+00	0.0000e+00	9.4466e-01	0.0000e+00	0.0000e+00
	2035	-2.8771e+02	0.0000e+00	0.0000e+00	-9.4466e-01	0.0000e+00	0.0000e+00
436	2017	4.1278e+02	0.0000e+00	0.0000e+00	1.4182e+00	0.0000e+00	0.0000e+00
	2034	-4.1278e+02	0.0000e+00	0.0000e+00	-1.4182e+00	0.0000e+00	0.0000e+00
437	2016	3.8914e+01	0.0000e+00	0.0000e+00	1.5422e+00	0.0000e+00	0.0000e+00
	2033	-3.8914e+01	0.0000e+00	0.0000e+00	-1.5422e+00	0.0000e+00	0.0000e+00
438	2015	6.2293e+02	0.0000e+00	3.3862e-16	-8.5315e+00	0.0000e+00	0.0000e+00
	2032	-6.2293e+02	0.0000e+00	-3.3862e-16	8.5315e+00	0.0000e+00	0.0000e+00
439	2013	4.1752e+01	0.0000e+00	3.9787e-16	9.2149e-01	0.0000e+00	0.0000e+00

	2030	-4.1752e+01	0.0000e+00	-3.9787e-16	-9.2149e-01	0.0000e+00	0.0000e+00
440	2012	-8.6877e+02	0.0000e+00	3.5804e-16	5.2848e+00	0.0000e+00	0.0000e+00
	2029	8.6877e+02	0.0000e+00	-3.5804e-16	-5.2848e+00	0.0000e+00	0.0000e+00
441	2011	-3.5958e+01	0.0000e+00	2.7783e-16	8.5922e+00	0.0000e+00	0.0000e+00
	2028	3.5958e+01	0.0000e+00	-2.7783e-16	-8.5922e+00	0.0000e+00	0.0000e+00
442	2010	5.3574e+02	0.0000e+00	2.2922e-16	1.5187e+01	0.0000e+00	0.0000e+00
	2027	-5.3574e+02	0.0000e+00	-2.2922e-16	-1.5187e+01	0.0000e+00	0.0000e+00
443	2009	4.2269e+01	0.0000e+00	2.6910e-16	1.9751e+01	0.0000e+00	0.0000e+00
	2026	-4.2269e+01	0.0000e+00	-2.6910e-16	-1.9751e+01	0.0000e+00	0.0000e+00
444	2007	-4.1662e+02	0.0000e+00	3.3185e-16	1.6636e+01	0.0000e+00	0.0000e+00
	2024	4.1662e+02	0.0000e+00	-3.3185e-16	-1.6636e+01	0.0000e+00	0.0000e+00
445	2006	-1.2600e+02	0.0000e+00	3.5938e-16	8.1848e+00	0.0000e+00	0.0000e+00
	2023	1.2600e+02	0.0000e+00	-3.5938e-16	-8.1848e+00	0.0000e+00	0.0000e+00
446	2004	-1.1738e+03	0.0000e+00	3.6273e-16	-7.6095e+00	0.0000e+00	0.0000e+00
	2021	1.1738e+03	0.0000e+00	-3.6273e-16	7.6095e+00	0.0000e+00	0.0000e+00
447	2003	-1.3020e+02	0.0000e+00	-4.0394e-16	-1.8168e+01	0.0000e+00	0.0000e+00
	2020	1.3020e+02	0.0000e+00	4.0394e-16	1.8168e+01	0.0000e+00	0.0000e+00
448	2001	4.2419e+02	-3.9577e-16	0.0000e+00	-2.1804e+01	0.0000e+00	0.0000e+00
	2018	-4.2419e+02	3.9577e-16	0.0000e+00	2.1804e+01	0.0000e+00	0.0000e+00
449	2000	6.1165e+02	6.1694e-17	0.0000e+00	-4.2135e+00	0.0000e+00	0.0000e+00
	2017	-6.1165e+02	-6.1694e-17	0.0000e+00	4.2135e+00	0.0000e+00	0.0000e+00
450	1999	4.1693e+01	2.8352e-17	0.0000e+00	2.0984e+00	0.0000e+00	0.0000e+00
	2016	-4.1693e+01	-2.8352e-17	0.0000e+00	-2.0984e+00	0.0000e+00	0.0000e+00
451	1982	8.0788e+02	-1.6294e-15	8.2255e-16	3.5029e+01	0.0000e+00	0.0000e+00
	2015	-8.0788e+02	1.6294e-15	-8.2255e-16	-3.5029e+01	0.0000e+00	0.0000e+00
452	1984	3.7651e+01	-2.0892e-15	9.6125e-16	5.9807e+00	0.0000e+00	0.0000e+00
	2013	-3.7651e+01	2.0892e-15	-9.6125e-16	-5.9807e+00	0.0000e+00	0.0000e+00
453	1985	3.6959e+02	-1.6884e-15	8.9632e-16	-1.6512e+01	0.0000e+00	0.0000e+00
	2012	-3.6959e+02	1.6884e-15	-8.9632e-16	1.6512e+01	0.0000e+00	0.0000e+00
454	1986	-3.6607e+01	-8.4447e-16	7.4323e-16	-2.3811e+01	0.0000e+00	0.0000e+00
	2011	3.6607e+01	8.4447e-16	-7.4323e-16	2.3811e+01	0.0000e+00	0.0000e+00
455	1998	4.1960e+02	7.2199e-16	6.8616e-16	-3.4665e+01	0.0000e+00	0.0000e+00
	2010	-4.1960e+02	-7.2199e-16	-6.8616e-16	3.4665e+01	0.0000e+00	0.0000e+00
456	1997	-2.1271e+01	2.5611e-15	7.9072e-16	-4.8425e+01	0.0000e+00	0.0000e+00
	2009	2.1271e+01	-2.5611e-15	-7.9072e-16	4.8425e+01	0.0000e+00	0.0000e+00
457	1995	-6.0344e+02	4.4353e-15	8.8793e-16	-4.0517e+01	0.0000e+00	0.0000e+00
	2007	6.0344e+02	-4.4353e-15	-8.8793e-16	4.0517e+01	0.0000e+00	0.0000e+00
458	1994	-9.3302e+01	5.6146e-15	9.3168e-16	-1.7041e+01	0.0000e+00	0.0000e+00
	2006	9.3302e+01	-5.6146e-15	-9.3168e-16	1.7041e+01	0.0000e+00	0.0000e+00
459	1992	-9.9796e+02	5.5892e-15	9.4516e-16	1.9809e+01	0.0000e+00	0.0000e+00
	2004	9.9796e+02	-5.5892e-15	-9.4516e-16	-1.9809e+01	0.0000e+00	0.0000e+00
460	1991	-1.1770e+02	4.2504e-15	9.9575e-16	4.4934e+01	0.0000e+00	0.0000e+00
	2003	1.1770e+02	-4.2504e-15	-9.9575e-16	-4.4934e+01	0.0000e+00	0.0000e+00
461	1989	-7.3033e+02	2.1867e-15	-1.1374e-15	5.2662e+01	0.0000e+00	0.0000e+00
	2001	7.3033e+02	-2.1867e-15	1.1374e-15	-5.2662e+01	0.0000e+00	0.0000e+00
462	1988	4.4243e+02	3.3315e-16	-1.3994e-15	1.0383e+01	0.0000e+00	0.0000e+00
	2000	-4.4243e+02	-3.3315e-16	1.3994e-15	-1.0383e+01	0.0000e+00	0.0000e+00
463	1987	1.4603e+01	1.6806e-16	-1.3740e-15	3.3892e+00	0.0000e+00	0.0000e+00
	1999	-1.4603e+01	-1.6806e-16	1.3740e-15	-3.3892e+00	0.0000e+00	0.0000e+00
464	1926	8.6949e+02	1.4956e+02	1.5130e+02	3.6171e+03	-2.2542e+04	2.2283e+04
	1981	-8.6949e+02	-1.4956e+02	-1.5130e+02	-3.6171e+03	0.0000e+00	0.0000e+00
465	1924	8.7724e+02	-1.6360e+01	-1.0105e+02	-5.4302e+02	-1.3011e+04	2.0790e+04
	1926	-8.7724e+02	1.6360e+01	1.0105e+02	5.4302e+02	2.2824e+04	-2.2250e+04
466	1923	8.6538e+02	-1.0787e+02	-2.2296e+02	-1.8441e+03	9.5614e+03	1.0116e+04
	1924	-8.6538e+02	1.0787e+02	2.2296e+02	1.8441e+03	1.2891e+04	-2.0785e+04

467	1922	-1.0013e+03	-1.4208e+02	4.5840e+01	-1.5926e+03	5.1774e+03	7.3039e+03
	1923	1.0013e+03	1.4208e+02	-4.5840e+01	1.5926e+03	-9.6066e+03	-1.0131e+04
468	1949	-9.3270e+02	3.8135e+02	-4.3524e+01	-2.8945e+02	8.2332e+03	3.0995e+04
	1922	9.3270e+02	-3.8135e+02	4.3524e+01	2.8945e+02	-5.4090e+03	-7.3095e+03
469	1921	-7.3640e+02	-1.8139e+02	2.6854e+02	-2.3887e+02	-2.4116e+03	2.4075e+04
	1949	7.3640e+02	1.8139e+02	-2.6854e+02	2.3887e+02	-8.2341e+03	-3.0995e+04
470	1920	-4.5610e+02	-2.0069e+02	2.7983e+01	-3.1017e+02	-2.3812e+03	-5.4562e+03
	1921	4.5610e+02	2.0069e+02	-2.7983e+01	3.1017e+02	2.4035e+03	-2.4102e+04
471	1918	-4.6746e+02	-1.5503e+02	-5.5564e+01	-4.8751e+02	3.6509e+03	-1.3373e+04
	1920	4.6746e+02	1.5503e+02	5.5564e+01	4.8751e+02	2.3513e+03	5.4767e+03
472	1917	-6.1225e+02	-8.2026e+01	6.1019e+01	-1.2847e+02	-2.4778e+03	-2.0728e+04
	1918	6.1225e+02	8.2026e+01	-6.1019e+01	1.2847e+02	-3.6811e+03	1.3332e+04
473	2107	-6.1176e+02	3.3657e+01	-4.7607e+01	-3.3106e+02	2.4982e+03	-2.2565e+04
	1917	6.1176e+02	-3.3657e+01	4.7607e+01	3.3106e+02	2.4590e+03	2.0711e+04
474	2080	-8.5123e+02	8.5174e+01	7.0000e+01	-7.2067e+01	-4.4718e+03	-1.4354e+04
	2107	8.5123e+02	-8.5174e+01	-7.0000e+01	7.2067e+01	-2.5190e+03	2.2583e+04
475	2079	-8.3109e+02	1.7449e+02	3.9020e+01	-5.3258e+02	-8.1273e+03	3.9308e+03
	2080	8.3109e+02	-1.7449e+02	-3.9020e+01	5.3258e+02	4.4405e+03	1.4401e+04
476	2056	4.1869e+02	-7.8055e+01	3.0165e+02	1.1797e+03	-7.2411e+03	1.4599e+04
	1959	-4.1869e+02	7.8055e+01	-3.0165e+02	-1.1797e+03	-1.8714e+04	-2.0969e+04
477	2039	3.0303e+02	-1.0883e+02	-3.9069e+01	7.0282e+02	-5.9804e+03	3.9402e+03
	2056	-3.0303e+02	1.0883e+02	3.9069e+01	-7.0282e+02	7.3028e+03	-1.4587e+04
478	1960	2.9859e+02	-1.1781e+02	-4.7671e+01	3.1897e+02	-4.7502e+03	1.5382e+03
	2039	-2.9859e+02	1.1781e+02	4.7671e+01	-3.1897e+02	6.0131e+03	-3.9434e+03
479	2022	-5.4041e+02	-9.5197e+01	1.5426e+02	3.6081e+03	-2.2983e+04	-1.4183e+04
	1980	5.4041e+02	9.5197e+01	-1.5426e+02	-3.6081e+03	0.0000e+00	0.0000e+00
480	1993	5.9518e+02	2.5201e+01	-1.1624e+02	-6.4006e+02	-1.2060e+04	-1.2347e+04
	2022	-5.9518e+02	-2.5201e+01	1.1624e+02	6.4006e+02	2.3256e+04	1.4144e+04
481	1916	5.8866e+02	6.5340e+01	-1.9851e+02	-1.8317e+03	8.0416e+03	-7.0881e+03
	1993	-5.8866e+02	-6.5340e+01	1.9851e+02	1.8317e+03	1.1937e+04	1.2342e+04
482	2086	3.0120e+02	1.1658e+02	2.8604e+01	-1.6198e+03	5.4303e+03	-1.0373e+04
	1916	-3.0120e+02	-1.1658e+02	-2.8604e+01	1.6198e+03	-8.0870e+03	7.1085e+03
483	1948	2.6104e+02	-1.8684e+02	-4.5354e+01	-2.5733e+02	8.5381e+03	-2.1492e+04
	2086	-2.6104e+02	1.8684e+02	4.5354e+01	2.5733e+02	-5.6609e+03	1.0383e+04
484	2085	1.5186e+02	1.4060e+02	2.6615e+02	-2.0531e+02	-1.7887e+03	-1.6190e+04
	1948	-1.5186e+02	-1.4060e+02	-2.6615e+02	2.0531e+02	-8.5387e+03	2.1492e+04
485	2059	3.4410e+02	1.4413e+02	1.5787e+01	-2.6223e+02	-1.9853e+03	5.5053e+03
	2085	-3.4410e+02	-1.4413e+02	-1.5787e+01	2.6223e+02	1.7812e+03	1.6232e+04
486	2042	3.5417e+02	1.1161e+02	-4.6079e+01	-4.1976e+02	3.0266e+03	1.1245e+04
	2059	-3.5417e+02	-1.1161e+02	4.6079e+01	4.1976e+02	1.9580e+03	-5.5095e+03
487	2025	5.6539e+02	9.3047e+01	5.0245e+01	-1.3606e+02	-2.1033e+03	1.9016e+04
	2042	-5.6539e+02	-9.3047e+01	-5.0245e+01	1.3606e+02	-3.0525e+03	-1.1190e+04
488	2008	5.6648e+02	-4.3634e+01	-4.7608e+01	-3.2194e+02	2.9045e+03	2.2225e+04
	2025	-5.6648e+02	4.3634e+01	4.7608e+01	3.2194e+02	2.0830e+03	-1.8992e+04
489	1996	-3.6764e+02	-1.1067e+02	8.4841e+01	-2.7097e+01	-5.7478e+03	1.2036e+04
	2008	3.6764e+02	1.1067e+02	-8.4841e+01	2.7097e+01	-2.9221e+03	-2.2252e+04
490	1919	-3.5480e+02	-1.2919e+02	1.7921e+01	-6.3772e+02	-5.8273e+03	-2.8735e+03
	1996	3.5480e+02	1.2919e+02	-1.7921e+01	6.3772e+02	5.7123e+03	-1.2099e+04
491	2098	-3.0612e+02	8.7007e+01	2.7904e+02	1.1028e+03	-6.4882e+03	-1.2713e+04
	1958	3.0612e+02	-8.7007e+01	-2.7904e+02	-1.1028e+03	-1.7476e+04	1.9874e+04
492	2097	8.0470e+01	1.0180e+02	-2.2258e+01	6.6824e+02	-5.6504e+03	-2.3481e+03
	2098	-8.0470e+01	-1.0180e+02	2.2258e+01	-6.6824e+02	6.5472e+03	1.2697e+04
493	1961	8.0470e+01	1.0018e+02	-4.4722e+01	2.8643e+02	-4.5003e+03	3.9942e+02
	2097	-8.0470e+01	-1.0018e+02	4.4722e+01	-2.8643e+02	5.6826e+03	2.3522e+03
494	2065	2.0356e+02	3.6604e+01	1.4952e+02	3.5079e+03	-2.2277e+04	5.4536e+03

	1979	-2.0356e+02	-3.6604e+01	-1.4952e+02	-3.5079e+03	0.0000e+00	0.0000e+00
495	2048	2.0516e+02	-2.4155e+00	-1.0971e+02	-6.0678e+02	-1.1900e+04	5.2173e+03
	2065	-2.0516e+02	2.4155e+00	1.0971e+02	6.0678e+02	2.2543e+04	-5.4541e+03
496	2031	2.0184e+02	-2.4513e+01	-1.7935e+02	-1.7898e+03	6.2723e+03	2.7519e+03
	2048	-2.0184e+02	2.4513e+01	1.7935e+02	1.7898e+03	1.1780e+04	-5.2168e+03
497	2014	1.9918e+02	-3.1104e+01	1.0475e+01	-1.6244e+03	5.5482e+03	-3.0379e+02
	2031	-1.9918e+02	3.1104e+01	-1.0475e+01	1.6244e+03	-6.3172e+03	-2.7513e+03
498	1947	1.8382e+02	-7.9306e+01	-5.5594e+01	-2.3194e+02	9.3158e+03	-5.4664e+03
	2014	-1.8382e+02	7.9306e+01	5.5594e+01	2.3194e+02	-5.7764e+03	3.0036e+02
499	2005	1.4182e+02	4.0215e+01	2.5404e+02	-1.7533e+02	5.8264e+02	-3.9149e+03
	1947	-1.4182e+02	-4.0215e+01	-2.5404e+02	1.7533e+02	-9.3163e+03	5.4664e+03
500	1983	1.4151e+02	3.4775e+01	2.0661e+01	-1.9054e+02	-2.5243e+03	-3.7876e+02
	2005	-1.4151e+02	-3.4775e+01	-2.0661e+01	1.9054e+02	-5.7784e+02	3.9024e+03
501	1925	1.4241e+02	1.9995e+01	-5.9955e+01	-4.3307e+02	3.8286e+03	1.6594e+03
	1983	-1.4241e+02	-1.9995e+01	5.9955e+01	4.3307e+02	2.4942e+03	3.6208e+02
502	2125	1.6765e+02	-1.1452e+01	4.9494e+01	-2.0215e+02	-1.2519e+03	5.1987e+02
	1925	-1.6765e+02	1.1452e+01	-4.9494e+01	2.0215e+02	-3.8477e+03	-1.6763e+03
503	2123	1.6999e+02	-5.2780e+00	-2.7568e+01	-2.6238e+02	2.2296e+03	-1.0758e+03
	2125	-1.6999e+02	5.2780e+00	2.7568e+01	2.6238e+02	1.2407e+03	-5.2851e+02
504	2122	1.3145e+01	-5.2262e+00	6.5480e+01	-1.1084e+02	-5.1416e+03	-5.6987e+02
	2123	-1.3145e+01	5.2262e+00	-6.5480e+01	1.1084e+02	-2.2423e+03	1.0711e+03
505	2120	1.0534e+01	-6.1179e+00	1.1097e+01	-6.5544e+02	-5.0265e+03	-1.9009e+02
	2122	-1.0534e+01	6.1179e+00	-1.1097e+01	6.5544e+02	5.1009e+03	5.5647e+02
506	2119	9.9488e+00	4.0891e+00	2.5320e+02	1.0206e+03	-5.0789e+03	-5.0557e+02
	1957	-9.9488e+00	-4.0891e+00	-2.5320e+02	-1.0206e+03	-1.6663e+04	8.5668e+02
507	2118	8.2417e+00	4.4895e+00	1.6277e+01	6.7949e+02	-6.0116e+03	-5.8373e+01
	2119	-8.2417e+00	-4.4895e+00	-1.6277e+01	-6.7949e+02	5.1357e+03	5.0975e+02
508	1962	6.7547e+00	5.0414e+00	-4.8257e+01	2.6680e+02	-4.7689e+03	8.9575e+01
	2118	-6.7547e+00	-5.0414e+00	4.8257e+01	-2.6680e+02	6.0440e+03	5.7810e+01
509	2117	-1.6226e+02	-2.9162e+01	1.4729e+02	3.4619e+03	-2.1944e+04	-4.3449e+03
	1978	1.6226e+02	2.9162e+01	-1.4729e+02	-3.4619e+03	0.0000e+00	0.0000e+00
510	2115	-1.6348e+02	1.9900e+00	-1.0639e+02	-5.9003e+02	-1.1859e+04	-4.1486e+03
	2117	1.6348e+02	-1.9900e+00	1.0639e+02	5.9003e+02	2.2208e+04	4.3440e+03
511	2114	-1.6077e+02	1.9636e+01	-1.7137e+02	-1.7717e+03	5.5117e+03	-2.1743e+03
	2115	1.6077e+02	-1.9636e+01	1.7137e+02	1.7717e+03	1.1741e+04	4.1488e+03
512	2113	-1.5861e+02	2.4906e+01	6.1401e+00	-1.6264e+03	5.5961e+03	2.7107e+02
	2114	1.5861e+02	-2.4906e+01	-6.1401e+00	1.6264e+03	-5.5564e+03	2.1753e+03
513	1946	-1.4633e+02	6.3290e+01	-5.9677e+01	-2.2164e+02	9.6314e+03	4.3922e+03
	2113	1.4633e+02	-6.3290e+01	5.9677e+01	2.2164e+02	-5.8234e+03	-2.6978e+02
514	2112	-1.1288e+02	-3.1925e+01	2.4909e+02	-1.6323e+02	3.1267e+02	3.1607e+03
	1946	1.1288e+02	3.1925e+01	-2.4909e+02	1.6323e+02	-9.6318e+03	-4.3922e+03
515	2111	-1.1263e+02	-2.7597e+01	2.6937e+01	-1.6204e+02	-2.6866e+03	3.6735e+02
	2112	1.1263e+02	2.7597e+01	-2.6937e+01	1.6204e+02	-3.1329e+02	-3.1603e+03
516	2109	-1.1334e+02	-1.5834e+01	-6.1150e+01	-4.2171e+02	3.8182e+03	1.2376e+03
	2111	1.1334e+02	1.5834e+01	6.1150e+01	4.2171e+02	2.6582e+03	-3.6756e+02
517	2108	-7.3081e+01	6.1524e+00	4.5095e+01	-2.2189e+02	-7.8331e+02	6.1723e+02
	2109	7.3081e+01	-6.1524e+00	-4.5095e+01	2.2189e+02	-3.8350e+03	-1.2373e+03
518	2106	-7.4905e+01	1.2733e+00	-2.2375e+01	-2.4589e+02	2.2854e+03	7.3520e+02
	2108	7.4905e+01	-1.2733e+00	2.2375e+01	2.4589e+02	7.7611e+02	-6.1731e+02
519	2105	1.0161e+01	4.2234e+00	5.9126e+01	-1.4535e+02	-4.9367e+03	3.3671e+02
	2106	-1.0161e+01	-4.2234e+00	-5.9126e+01	1.4535e+02	-2.2940e+03	-7.3549e+02
520	2103	8.0670e+00	4.9169e+00	9.1452e+00	-6.6458e+02	-4.7007e+03	2.3571e+02
	2105	-8.0670e+00	-4.9169e+00	-9.1452e+00	6.6458e+02	4.8939e+03	-3.3700e+02
521	2102	7.9159e+00	-3.6938e+00	2.4270e+02	9.8649e+02	-4.5043e+03	4.5864e+02
	1956	-7.9159e+00	3.6938e+00	-2.4270e+02	-9.8649e+02	-1.6336e+04	-7.7581e+02

522	2101	6.6253e+00	-4.0198e+00	1.9222e+01	6.8365e+02	-6.1534e+03	5.1991e+01
	2102	-6.6253e+00	4.0198e+00	-1.9222e+01	-6.8365e+02	4.5601e+03	-4.5966e+02
523	1963	-5.5347e+00	-4.4381e+00	-4.9640e+01	2.5904e+02	-4.8743e+03	6.8415e+01
	2101	5.5347e+00	4.4381e+00	4.9640e+01	-2.5904e+02	6.1858e+03	-5.3445e+01
524	2100	4.3785e+01	7.9353e+00	1.4516e+02	3.4202e+03	-2.1628e+04	1.1823e+03
	1977	-4.3785e+01	-7.9353e+00	-1.4516e+02	-3.4202e+03	0.0000e+00	0.0000e+00
525	2099	9.5266e+00	1.7099e+00	1.4449e+02	3.4086e+03	-2.1528e+04	2.5476e+02
	1976	-9.5266e+00	-1.7099e+00	-1.4449e+02	-3.4086e+03	0.0000e+00	0.0000e+00
526	2096	4.4103e+01	-4.9304e-01	-1.0298e+02	-5.7224e+02	-1.1850e+04	1.1356e+03
	2100	-4.4103e+01	4.9304e-01	1.0298e+02	5.7224e+02	2.1889e+04	-1.1837e+03
527	2095	9.6300e+00	-1.1293e-01	-1.0168e+02	-5.6502e+02	-1.1870e+04	2.4626e+02
	2099	-9.6300e+00	1.1293e-01	1.0168e+02	5.6502e+02	2.1789e+04	-2.5492e+02
528	2094	4.3354e+01	-5.2691e+00	-1.6454e+02	-1.7555e+03	4.8360e+03	6.0609e+02
	2096	-4.3354e+01	5.2691e+00	1.6454e+02	1.7555e+03	1.1733e+04	-1.1358e+03
529	2093	9.5137e+00	-1.1046e+00	-1.6313e+02	-1.7511e+03	4.6756e+03	1.3668e+02
	2095	-9.5137e+00	1.1046e+00	1.6313e+02	1.7511e+03	1.1754e+04	-2.4629e+02
530	2092	4.2741e+01	-6.7136e+00	9.5480e+00	-1.6279e+03	5.6352e+03	-5.4484e+01
	2094	-4.2741e+01	6.7136e+00	-9.5480e+00	1.6279e+03	-4.8805e+03	-6.0532e+02
531	2091	9.4252e+00	-1.3908e+00	1.0954e+01	-1.6277e+03	5.6413e+03	-2.7588e+01
	2093	-9.4252e+00	1.3908e+00	-1.0954e+01	1.6277e+03	-4.7199e+03	-1.3660e+02
532	1945	3.9385e+01	-1.7072e+01	-6.3401e+01	-2.1316e+02	9.9162e+03	-1.1673e+03
	2092	-3.9385e+01	1.7072e+01	6.3401e+01	2.1316e+02	-5.8617e+03	5.5397e+01
533	1944	8.7494e+00	-3.6630e+00	-6.4427e+01	-2.1138e+02	9.9920e+03	-2.4255e+02
	2091	-8.7494e+00	3.6630e+00	6.4427e+01	2.1138e+02	-5.8676e+03	2.7580e+01
534	2090	3.0348e+01	8.6531e+00	2.4451e+02	-1.5313e+02	5.8106e+02	-8.3350e+02
	1945	-3.0348e+01	-8.6531e+00	-2.4451e+02	1.5313e+02	-9.9165e+03	1.1673e+03
535	2089	6.8063e+00	1.8720e+00	2.4329e+02	-1.5092e+02	6.9216e+02	-1.7102e+02
	1944	-6.8063e+00	-1.8720e+00	-2.4329e+02	1.5092e+02	-9.9923e+03	2.4255e+02
536	2088	3.0233e+01	7.4729e+00	3.2191e+01	-1.3753e+02	-2.7656e+03	-7.6556e+01
	2090	-3.0233e+01	-7.4729e+00	-3.2191e+01	1.3753e+02	-5.8495e+02	8.3362e+02
537	2087	6.8186e+00	1.6200e+00	3.3030e+01	-1.3162e+02	-2.7254e+03	-2.7703e+01
	2089	-6.8186e+00	-1.6200e+00	-3.3030e+01	1.3162e+02	-6.9609e+02	1.7103e+02
538	2084	3.0378e+01	4.3069e+00	-5.9988e+01	-4.0451e+02	3.6739e+03	3.5955e+02
	2088	-3.0378e+01	-4.3069e+00	5.9988e+01	4.0451e+02	2.7393e+03	7.6123e+01
539	2083	6.8920e+00	9.1515e-01	-5.7687e+01	-3.9393e+02	3.5102e+03	9.1693e+01
	2087	-6.8920e+00	-9.1515e-01	5.7687e+01	3.9393e+02	2.7000e+03	2.7673e+01
540	2082	5.8108e+01	-3.4116e+00	4.0110e+01	-2.3668e+02	-3.7886e+02	5.1052e+01
	2084	-5.8108e+01	3.4116e+00	-4.0110e+01	2.3668e+02	-3.6885e+03	-3.5983e+02
541	2081	5.9677e+01	3.0867e+00	3.6854e+01	-2.4046e+02	2.0914e+02	2.5800e+02
	2083	-5.9677e+01	-3.0867e+00	-3.6854e+01	2.4046e+02	-3.5240e+03	-9.1655e+01
542	2078	5.8688e+01	-2.4387e+00	-2.1827e+01	-2.3785e+02	2.4468e+03	-2.5168e+02
	2082	-5.8688e+01	2.4387e+00	2.1827e+01	2.3785e+02	-3.7813e+02	-5.1123e+01
543	2077	5.9704e+01	-2.8295e+00	-2.3240e+01	-2.3877e+02	2.5423e+03	5.2815e+01
	2081	-5.9704e+01	2.8295e+00	2.3240e+01	2.3877e+02	-2.1107e+02	-2.5801e+02
544	2076	-3.2433e+00	-1.1240e+00	5.5061e+01	-1.7096e+02	-4.7993e+03	-1.5842e+02
	2078	3.2433e+00	1.1240e+00	-5.5061e+01	1.7096e+02	-2.4524e+03	2.5132e+02
545	2075	-3.0831e-01	-2.5043e-01	5.4327e+01	-1.7898e+02	-4.7430e+03	-3.3241e+01
	2077	3.0831e-01	2.5043e-01	-5.4327e+01	1.7898e+02	-2.5472e+03	-5.2828e+01
546	2072	-2.6333e+00	-1.3296e+00	8.1859e+00	-6.7308e+02	-4.4383e+03	-9.6958e+01
	2076	2.6333e+00	1.3296e+00	-8.1859e+00	6.7308e+02	4.7549e+03	1.5810e+02
547	2071	-2.3018e-01	-2.6974e-01	7.3524e+00	-6.7323e+02	-4.4085e+03	-2.6935e+01
	2075	2.3018e-01	2.6974e-01	-7.3524e+00	6.7323e+02	4.6984e+03	3.3236e+01
548	2070	2.2897e+00	9.1032e-01	2.3382e+02	9.5715e+02	-4.0119e+03	-1.1163e+02
	1955	-2.2897e+00	-9.1032e-01	-2.3382e+02	-9.5715e+02	-1.6067e+04	1.8979e+02
549	2069	-3.0502e-01	2.1875e-01	2.3173e+02	9.5043e+02	-3.8847e+03	-2.7106e+01

	1954	3.0502e-01	-2.1875e-01	-2.3173e+02	-9.5043e+02	-1.6015e+04	4.5889e+01
550	2068	1.8603e+00	9.7376e-01	2.3490e+01	6.8727e+02	-6.2735e+03	-1.7015e+01
	2070	-1.8603e+00	-9.7376e-01	-2.3490e+01	-6.8727e+02	4.0668e+03	1.1208e+02
551	2067	-2.7092e-01	2.2638e-01	2.4959e+01	6.8906e+02	-6.3160e+03	-4.0654e+00
	2069	2.7092e-01	-2.2638e-01	-2.4959e+01	-6.8906e+02	3.9395e+03	2.7113e+01
552	1964	1.4829e+00	1.0764e+00	-5.0807e+01	2.5280e+02	-4.9637e+03	-2.2680e+01
	2068	-1.4829e+00	-1.0764e+00	5.0807e+01	-2.5280e+02	6.3060e+03	1.7930e+01
553	1965	-2.4321e-01	2.3620e-01	-5.1211e+01	2.5150e+02	-4.9955e+03	-2.1180e+00
	2067	2.4321e-01	-2.3620e-01	5.1211e+01	-2.5150e+02	6.3485e+03	4.0650e+00
554	2066	-2.9842e+01	-5.3265e+00	1.4486e+02	3.4190e+03	-2.1583e+04	-7.9360e+02
	1975	2.9842e+01	5.3265e+00	-1.4486e+02	-3.4190e+03	0.0000e+00	0.0000e+00
555	2064	-2.9979e+01	4.6705e-01	-1.0181e+02	-5.6477e+02	-1.1915e+04	-7.4904e+02
	2066	2.9979e+01	-4.6705e-01	1.0181e+02	5.6477e+02	2.1844e+04	7.9512e+02
556	2063	-2.9376e+01	3.7687e+00	-1.6565e+02	-1.7553e+03	4.8842e+03	-3.7010e+02
	2064	2.9376e+01	-3.7687e+00	1.6565e+02	1.7553e+03	1.1799e+04	7.4913e+02
557	2062	-2.8874e+01	4.7947e+00	9.1153e+00	-1.6265e+03	5.6240e+03	1.0191e+02
	2063	2.8874e+01	-4.7947e+00	-9.1153e+00	1.6265e+03	-4.9286e+03	3.6910e+02
558	1943	-2.6457e+01	1.1818e+01	-6.3608e+01	-2.1432e+02	9.9232e+03	8.7281e+02
	2062	2.6457e+01	-1.1818e+01	6.3608e+01	2.1432e+02	-5.8506e+03	-1.0317e+02
559	2061	-2.0190e+01	-5.9907e+00	2.4424e+02	-1.5422e+02	6.0906e+02	6.4174e+02
	1943	2.0190e+01	5.9907e+00	-2.4424e+02	1.5422e+02	-9.9236e+03	-8.7281e+02
560	2060	-2.0028e+01	-5.1789e+00	3.1326e+01	-1.3812e+02	-2.6515e+03	1.1771e+02
	2061	2.0028e+01	5.1789e+00	-3.1326e+01	1.3812e+02	-6.1291e+02	-6.4193e+02
561	2058	-2.0027e+01	-3.0564e+00	-5.6097e+01	-3.9308e+02	3.4222e+03	1.9354e+02
	2060	2.0027e+01	3.0564e+00	5.6097e+01	3.9308e+02	2.6259e+03	-1.1720e+02
562	2057	7.9248e+01	3.7900e+00	3.5915e+01	-2.3846e+02	2.2906e+02	5.7377e+02
	2058	-7.9248e+01	-3.7900e+00	-3.5915e+01	2.3846e+02	-3.4365e+03	-1.9376e+02
563	2055	7.8747e+01	-4.0443e+00	-2.4080e+01	-2.4447e+02	2.5636e+03	1.6108e+02
	2057	-7.8747e+01	4.0443e+00	2.4080e+01	2.4447e+02	-2.2263e+02	-5.7369e+02
564	2054	-3.1454e+00	7.6167e-01	5.5409e+01	-1.7628e+02	-4.7184e+03	9.8757e+01
	2055	3.1454e+00	-7.6167e-01	-5.5409e+01	1.7628e+02	-2.5692e+03	-1.6077e+02
565	2052	-2.5811e+00	9.9373e-01	6.2038e+00	-6.6613e+02	-4.5571e+03	7.2558e+01
	2054	2.5811e+00	-9.9373e-01	-6.2038e+00	6.6613e+02	4.6745e+03	-9.8453e+01
566	2051	-2.2644e+00	-7.7518e-01	2.3434e+02	9.5975e+02	-4.0068e+03	9.5937e+01
	1953	2.2644e+00	7.7518e-01	-2.3434e+02	-9.5975e+02	-1.6116e+04	-1.6249e+02
567	2050	-1.8480e+00	-8.7117e-01	2.4313e+01	6.9018e+02	-6.3142e+03	9.6029e+00
	2051	1.8480e+00	8.7117e-01	-2.4313e+01	-6.9018e+02	4.0619e+03	-9.6073e+01
568	1966	-1.4744e+00	-1.0081e+00	-5.1172e+01	2.5369e+02	-4.9946e+03	-2.1835e+01
	2050	1.4744e+00	1.0081e+00	5.1172e+01	-2.5369e+02	6.3467e+03	-1.0417e+01
569	2049	1.4815e+02	2.6365e+01	1.4658e+02	3.4595e+03	-2.1838e+04	3.9282e+03
	1974	-1.4815e+02	-2.6365e+01	-1.4658e+02	-3.4595e+03	0.0000e+00	0.0000e+00
570	2047	1.4917e+02	-2.1045e+00	-1.0358e+02	-5.7204e+02	-1.2014e+04	3.7201e+03
	2049	-1.4917e+02	2.1045e+00	1.0358e+02	5.7204e+02	2.2103e+04	-3.9268e+03
571	2046	1.4662e+02	-1.8234e+01	-1.7403e+02	-1.7713e+03	5.6281e+03	1.8867e+03
	2047	-1.4662e+02	1.8234e+01	1.7403e+02	1.7713e+03	1.1897e+04	-3.7203e+03
572	2045	1.4461e+02	-2.3063e+01	6.1119e+00	-1.6229e+03	5.5681e+03	-3.7673e+02
	2046	-1.4461e+02	2.3063e+01	-6.1119e+00	1.6229e+03	-5.6727e+03	-1.8881e+03
573	1942	1.3329e+02	-5.8062e+01	-6.0289e+01	-2.2464e+02	9.6548e+03	-4.1573e+03
	2045	-1.3329e+02	5.8062e+01	6.0289e+01	2.2464e+02	-5.7954e+03	3.7503e+02
574	2044	1.0263e+02	2.9181e+01	2.4832e+02	-1.6603e+02	3.6970e+02	-3.0315e+03
	1942	-1.0263e+02	-2.9181e+01	-2.4832e+02	1.6603e+02	-9.6552e+03	4.1573e+03
575	2043	1.0237e+02	2.5233e+01	2.6041e+01	-1.6318e+02	-2.5240e+03	-4.7324e+02
	2044	-1.0237e+02	-2.5233e+01	-2.6041e+01	1.6318e+02	-3.7096e+02	3.0309e+03
576	2041	1.0296e+02	1.4528e+01	-5.5346e+01	-4.0578e+02	3.4359e+03	9.9407e+02
	2043	-1.0296e+02	-1.4528e+01	5.5346e+01	4.0578e+02	2.4965e+03	4.7328e+02

577	2040	1.7688e+02	-6.7595e+00	3.9103e+01	-2.2801e+02	-5.9506e+02	1.6746e+03
	2041	-1.7688e+02	6.7595e+00	-3.9103e+01	2.2801e+02	-3.4523e+03	-9.9401e+02
578	2038	1.7506e+02	-1.0733e+01	-2.4221e+01	-2.5704e+02	2.4279e+03	-5.7077e+02
	2040	-1.7506e+02	1.0733e+01	2.4221e+01	2.5704e+02	5.8311e+02	-1.6747e+03
579	2037	-1.0559e+01	-3.9370e+00	5.8826e+01	-1.5360e+02	-4.7470e+03	-2.1692e+02
	2038	1.0559e+01	3.9370e+00	-5.8826e+01	1.5360e+02	-2.4367e+03	5.7101e+02
580	2035	-8.4452e+00	-4.6690e+00	6.9628e+00	-6.4828e+02	-4.9874e+03	-3.3200e+02
	2037	8.4452e+00	4.6690e+00	-6.9628e+00	6.4828e+02	4.7050e+03	2.1716e+02
581	2034	-8.3360e+00	4.1034e+00	2.4406e+02	9.9300e+02	-4.5016e+03	-5.0887e+02
	1952	8.3360e+00	-4.1034e+00	-2.4406e+02	-9.9300e+02	-1.6456e+04	8.6121e+02
582	2033	-7.0160e+00	4.4320e+00	2.1482e+01	6.9054e+02	-6.2488e+03	-6.0265e+01
	2034	7.0160e+00	-4.4320e+00	-2.1482e+01	-6.9054e+02	4.5578e+03	5.1004e+02
583	1967	5.9054e+00	4.8531e+00	-5.0498e+01	2.6136e+02	-4.9467e+03	-7.0908e+01
	2033	-5.9054e+00	-4.8531e+00	5.0498e+01	-2.6136e+02	6.2814e+03	6.1918e+01
584	2032	1.7361e+02	3.0851e+01	1.4847e+02	3.5042e+03	-2.2120e+04	4.5964e+03
	1973	-1.7361e+02	-3.0851e+01	-1.4847e+02	-3.5042e+03	0.0000e+00	0.0000e+00
585	2030	1.7478e+02	-2.5262e+00	-1.0555e+02	-5.8015e+02	-1.2127e+04	4.3536e+03
	2032	-1.7478e+02	2.5262e+00	1.0555e+02	5.8015e+02	2.2388e+04	-4.6016e+03
586	2029	1.7175e+02	-2.1455e+01	-1.8328e+02	-1.7891e+03	6.4451e+03	2.1967e+03
	2030	-1.7175e+02	2.1455e+01	1.8328e+02	1.7891e+03	1.2008e+04	-4.3540e+03
587	2028	1.6932e+02	-2.7155e+01	1.1934e+01	-1.6191e+03	5.5046e+03	-4.7339e+02
	2029	-1.6932e+02	2.7155e+01	-1.1934e+01	1.6191e+03	-6.4898e+03	-2.1939e+03
588	1941	1.5593e+02	-6.8164e+01	-5.6593e+01	-2.3672e+02	9.3544e+03	-4.9159e+03
	2028	-1.5593e+02	6.8164e+01	5.6593e+01	2.3672e+02	-5.7329e+03	4.7551e+02
589	2027	1.1985e+02	3.4471e+01	2.5282e+02	-1.7979e+02	5.5730e+02	-3.5861e+03
	1941	-1.1985e+02	-3.4471e+01	-2.5282e+02	1.7979e+02	-9.3549e+03	4.9159e+03
590	2026	1.1944e+02	2.9824e+01	2.0559e+01	-1.9223e+02	-2.3979e+03	5.5783e+02
	2027	-1.1944e+02	-2.9824e+01	-2.0559e+01	1.9223e+02	-5.5313e+02	3.5810e+03
591	2024	1.2002e+02	1.7302e+01	-5.4888e+01	-4.2131e+02	3.4823e+03	1.2001e+03
	2026	-1.2002e+02	-1.7302e+01	5.4888e+01	4.2131e+02	2.3684e+03	-5.4687e+02
592	2023	2.8148e+02	1.1986e+01	4.4246e+01	-2.1315e+02	-1.0794e+03	2.4203e+03
	2024	-2.8148e+02	-1.1986e+01	-4.4246e+01	2.1315e+02	-3.5012e+03	-1.2118e+03
593	2021	2.7922e+02	-1.5834e+01	-2.7188e+01	-2.7307e+02	2.2994e+03	7.8995e+02
	2023	-2.7922e+02	1.5834e+01	2.7188e+01	2.7307e+02	1.0658e+03	-2.4281e+03
594	2020	-1.3965e+01	4.5232e+00	6.3142e+01	-1.2225e+02	-4.8296e+03	3.5380e+02
	2021	1.3965e+01	-4.5232e+00	-6.3142e+01	1.2225e+02	-2.3123e+03	-7.8942e+02
595	2018	-1.1303e+01	5.5220e+00	1.0510e+01	-6.3143e+02	-5.4545e+03	2.6135e+02
	2020	1.1303e+01	-5.5220e+00	-1.0510e+01	6.3143e+02	4.7897e+03	-3.4705e+02
596	2017	-1.0675e+01	-4.3984e+00	2.5541e+02	1.0308e+03	-5.0910e+03	5.4591e+02
	1951	1.0675e+01	4.3984e+00	-2.5541e+02	-1.0308e+03	-1.6844e+04	-9.2358e+02
597	2016	-8.8785e+00	-4.8582e+00	1.9987e+01	6.8950e+02	-6.1475e+03	5.7186e+01
	2017	8.8785e+00	4.8582e+00	-1.9987e+01	-6.8950e+02	5.1484e+03	-5.4896e+02
598	1968	-7.3097e+00	-5.4766e+00	-4.9480e+01	2.7060e+02	-4.8718e+03	-9.4919e+01
	2016	7.3097e+00	5.4766e+00	4.9480e+01	-2.7060e+02	6.1801e+03	-5.5712e+01
599	2015	5.4925e+02	9.6669e+01	1.5255e+02	3.6040e+03	-2.2728e+04	1.4403e+04
	1972	-5.4925e+02	-9.6669e+01	-1.5255e+02	-3.6040e+03	0.0000e+00	0.0000e+00
600	2013	5.5320e+02	-1.0477e+01	-1.0939e+02	-5.9492e+02	-1.2425e+04	1.3557e+04
	2015	-5.5320e+02	1.0477e+01	1.0939e+02	5.9492e+02	2.3004e+04	-1.4360e+04
601	2012	5.4404e+02	-6.8525e+01	-2.0501e+02	-1.8293e+03	8.3343e+03	6.9143e+03
	2013	-5.4404e+02	6.8525e+01	2.0501e+02	1.8293e+03	1.2304e+04	-1.3551e+04
602	2011	-6.5073e+02	-8.9095e+01	3.1843e+01	-1.6100e+03	5.3499e+03	6.4488e+03
	2012	6.5073e+02	8.9095e+01	-3.1843e+01	1.6100e+03	-8.3796e+03	-6.9357e+03
603	1940	-6.0719e+02	2.4295e+02	-4.8126e+01	-2.6633e+02	8.6594e+03	2.1221e+04
	2011	6.0719e+02	-2.4295e+02	4.8126e+01	2.6633e+02	-5.5806e+03	-6.4592e+03
604	2010	-4.8544e+02	-1.1255e+02	2.6307e+02	-2.1340e+02	-1.5667e+03	1.7113e+04

1940	4.8544e+02	1.1255e+02	-2.6307e+02	2.1340e+02	-8.6601e+03	-2.1221e+04
605	2009	-2.0166e+02	-1.3919e+02	1.2812e+01	-2.6230e+02	-2.1578e+03
	2010	2.0166e+02	1.3919e+02	-1.2812e+01	2.6230e+02	1.5592e+03
606	2007	-2.0962e+02	-1.1843e+02	-5.4803e+01	-4.5832e+02	3.7084e+03
	2009	2.0962e+02	1.1843e+02	5.4803e+01	4.5832e+02	2.1248e+03
607	2006	-5.8213e+02	-8.5969e+01	6.2253e+01	-1.7613e+02	-2.5638e+03
	2007	5.8213e+02	8.5969e+01	-6.2253e+01	1.7613e+02	-3.7325e+03
608	2004	-5.8218e+02	4.4498e+01	-5.0712e+01	-3.3515e+02	2.8303e+03
	2006	5.8218e+02	-4.4498e+01	5.0712e+01	3.3515e+02	2.5479e+03
609	2003	-7.7781e+02	7.1744e+01	8.2414e+01	-4.7909e+01	-5.3852e+03
	2004	7.7781e+02	-7.1744e+01	-8.2414e+01	4.7909e+01	-2.8497e+03
610	2001	-7.5997e+02	1.5158e+02	2.3963e+01	-6.0112e+02	-6.5354e+03
	2003	7.5997e+02	-1.5158e+02	-2.3963e+01	6.0112e+02	5.3518e+03
611	2000	4.1164e+02	-6.1127e+01	2.8328e+02	1.1210e+03	-6.5551e+03
	1950	-4.1164e+02	6.1127e+01	-2.8328e+02	-1.1210e+03	-1.7789e+04
612	1999	3.1087e+02	-9.2516e+01	-2.7287e+01	6.8435e+02	-5.8658e+03
	2000	-3.1087e+02	9.2516e+01	2.7287e+01	-6.8435e+02	6.6149e+03
613	1969	3.0626e+02	-1.0430e+02	-4.6670e+01	2.9364e+02	-4.6632e+03
	1999	-3.0626e+02	1.0430e+02	4.6670e+01	-2.9364e+02	5.8983e+03
614	1982	-8.6781e+02	-1.5275e+02	1.5903e+02	3.6743e+03	-2.3693e+04
	1971	8.6781e+02	1.5275e+02	-1.5903e+02	-3.6743e+03	0.0000e+00
615	1984	9.9760e+02	2.5218e+01	-1.2821e+02	-7.1297e+02	-1.1663e+04
	1982	-9.9760e+02	-2.5218e+01	1.2821e+02	7.1297e+02	2.3966e+04
616	1985	9.8711e+02	1.0799e+02	-1.9862e+02	-1.8523e+03	8.4477e+03
	1984	-9.8711e+02	-1.0799e+02	1.9862e+02	1.8523e+03	1.1537e+04
617	1986	6.9734e+02	1.7204e+02	3.3971e+01	-1.6312e+03	5.4977e+03
	1985	-6.9734e+02	-1.7204e+02	-3.3971e+01	1.6312e+03	-8.4931e+03
618	1938	6.2987e+02	-3.3793e+02	-4.3204e+01	-2.6065e+02	8.2992e+03
	1986	-6.2987e+02	3.3793e+02	4.3204e+01	2.6065e+02	-5.7287e+03
619	1998	4.4288e+02	2.0428e+02	2.7079e+02	-2.1066e+02	-2.1727e+03
	1938	-4.4288e+02	-2.0428e+02	-2.7079e+02	2.1066e+02	-8.2999e+03
620	1997	5.5909e+02	1.9481e+02	1.1893e+01	-2.7725e+02	-1.6654e+03
	1998	-5.5909e+02	-1.9481e+02	-1.1893e+01	2.7725e+02	2.1652e+03
621	1995	5.7159e+02	1.3781e+02	-4.1083e+01	-4.0091e+02	2.8432e+03
	1997	-5.7159e+02	-1.3781e+02	4.1083e+01	4.0091e+02	1.6400e+03
622	1994	7.8267e+02	8.9578e+01	6.0031e+01	-1.2422e+02	-3.2011e+03
	1995	-7.8267e+02	-8.9578e+01	-6.0031e+01	1.2422e+02	-2.8687e+03
623	1992	7.8153e+02	-2.2366e+01	-7.7095e+01	-4.0873e+02	4.8074e+03
	1994	-7.8153e+02	2.2366e+01	7.7095e+01	4.0873e+02	3.1773e+03
624	1991	-3.6645e+02	-1.0946e+02	1.2346e+02	1.3165e+02	-7.4216e+03
	1992	3.6645e+02	1.0946e+02	-1.2346e+02	-1.3165e+02	-4.8229e+03
625	1989	-3.5403e+02	-1.2608e+02	-4.3365e+01	-6.8286e+02	-5.3301e+03
	1991	3.5403e+02	1.2608e+02	4.3365e+01	6.8286e+02	7.3913e+03
626	1988	-3.1849e+02	8.8596e+01	2.8571e+02	1.1234e+03	-7.1607e+03
	1939	3.1849e+02	-8.8596e+01	-2.8571e+02	-1.1234e+03	-1.7372e+04
627	1987	7.8888e+01	1.0147e+02	-2.5550e+01	6.4307e+02	-5.2706e+03
	1988	-7.8888e+01	-1.0147e+02	2.5550e+01	-6.4307e+02	7.2197e+03
628	1970	7.9933e+01	9.9318e+01	-4.1143e+01	2.8174e+02	-4.2155e+03
	1987	-7.9933e+01	-9.9318e+01	4.1143e+01	-2.8174e+02	5.3023e+03
629	1910	0.0000e+00	-1.6871e-01	0.0000e+00	-1.2535e+03	0.0000e+00
	28	0.0000e+00	1.6871e-01	0.0000e+00	1.2535e+03	0.0000e+00
630	1905	0.0000e+00	9.5360e+01	0.0000e+00	-3.6637e+03	0.0000e+00
	33	0.0000e+00	-9.5360e+01	0.0000e+00	3.6637e+03	0.0000e+00
631	1915	0.0000e+00	-9.3140e+01	0.0000e+00	-3.6126e+03	0.0000e+00
	23	0.0000e+00	9.3140e+01	0.0000e+00	3.6126e+03	0.0000e+00

632	1894	5.8319e+02	6.6431e+02	-1.5142e+02	2.8161e+03	2.0894e+04	8.1710e+04
	1981	-5.8319e+02	-6.6431e+02	1.5142e+02	-2.8161e+03	-2.2699e+03	-7.7443e-11
633	1895	-3.6121e+02	-4.1328e+02	-1.5446e+02	2.8092e+03	2.1262e+04	-5.0834e+04
	1980	3.6121e+02	4.1328e+02	1.5446e+02	-2.8092e+03	-2.2643e+03	-4.4175e-11
634	1896	1.3552e+02	1.5664e+02	-1.4972e+02	2.7311e+03	2.0616e+04	1.9266e+04
	1979	-1.3552e+02	-1.5664e+02	1.4972e+02	-2.7311e+03	-2.2014e+03	-2.0102e-11
635	1897	-1.0803e+02	-1.2495e+02	-1.4750e+02	2.6954e+03	2.0315e+04	-1.5369e+04
	1978	1.0803e+02	1.2495e+02	1.4750e+02	-2.6954e+03	-2.1726e+03	-1.7672e-11
636	1898	2.9112e+01	3.3819e+01	-1.4537e+02	2.6628e+03	2.0026e+04	4.1598e+03
	1977	-2.9112e+01	-3.3819e+01	1.4537e+02	-2.6628e+03	-2.1463e+03	1.1276e-11
637	1899	6.3453e+00	7.3335e+00	-1.4470e+02	2.6539e+03	1.9936e+04	9.0203e+02
	1976	-6.3453e+00	-7.3335e+00	1.4470e+02	-2.6539e+03	-2.1391e+03	-7.3351e-12
638	1900	-1.9890e+01	-2.3026e+01	-1.4507e+02	2.6619e+03	1.9988e+04	-2.8322e+03
	1975	1.9890e+01	2.3026e+01	1.4507e+02	-2.6619e+03	-2.1456e+03	-1.8457e-11
639	1901	9.8797e+01	1.1390e+02	-1.4679e+02	2.6934e+03	2.0225e+04	1.4010e+04
	1974	-9.8797e+01	-1.1390e+02	1.4679e+02	-2.6934e+03	-2.1710e+03	-1.6824e-11
640	1902	1.1581e+02	1.3337e+02	-1.4867e+02	2.7282e+03	2.0485e+04	1.6404e+04
	1973	-1.1581e+02	-1.3337e+02	1.4867e+02	-2.7282e+03	-2.1990e+03	-4.6730e-11
641	1903	3.6709e+02	4.2008e+02	-1.5275e+02	2.8060e+03	2.1049e+04	5.1669e+04
	1972	-3.6709e+02	-4.2008e+02	1.5275e+02	-2.8060e+03	-2.2617e+03	-3.1372e-11
642	1904	-5.7986e+02	-6.6571e+02	-1.5919e+02	2.8607e+03	2.1884e+04	-8.1882e+04
	1971	5.7986e+02	6.6571e+02	1.5919e+02	-2.8607e+03	-2.3058e+03	5.9317e-11
2422	55	7.3786e-12	-3.7669e+02	-3.0450e-14	-1.7643e+02	4.2576e-12	-7.1519e+04
	56	-7.3786e-12	3.7669e+02	3.0450e-14	1.7643e+02	2.4141e-12	-7.9155e+04
2423	54	-7.2676e-12	-2.6268e+02	7.3351e-15	-1.3955e+02	-8.0020e-16	-5.6988e+04
	55	7.2676e-12	2.6268e+02	-7.3351e-15	1.3955e+02	-7.3172e-16	-5.8590e+04
2424	53	-1.1855e-11	-5.9902e+02	3.1029e-14	-1.1668e+02	7.2819e-16	-8.3870e+04
	54	1.1855e-11	5.9902e+02	-3.1029e-14	1.1668e+02	1.6022e-12	-8.3854e+04
2425	52	3.9660e-12	-2.6197e+02	8.8815e-16	-1.2267e+02	-2.1494e-12	-5.8383e+04
	53	-3.9660e-12	2.6197e+02	-8.8815e-16	1.2267e+02	7.6169e-16	-5.6884e+04
2426	51	1.5189e-11	-4.0771e+02	1.7759e-15	-1.1969e+02	-1.1368e-13	-7.0411e+04
	52	-1.5189e-11	4.0771e+02	-1.7759e-15	1.1969e+02	2.2446e-13	-7.2286e+04
2427	50	1.3946e-11	-4.0771e+02	-1.7702e-15	-1.1975e+02	8.5932e-13	-7.2286e+04
	51	-1.3946e-11	4.0771e+02	1.7702e-15	1.1975e+02	-1.0444e-12	-7.0411e+04
2428	49	4.1954e-12	-2.6197e+02	3.0805e-18	-1.2295e+02	-1.0766e-12	-5.6885e+04
	50	-4.1954e-12	2.6197e+02	-3.0805e-18	1.2295e+02	-1.9835e-12	-5.8383e+04
2429	48	-8.1099e-12	-5.9901e+02	-2.6719e-14	-1.1649e+02	-1.1297e-15	-8.3853e+04
	49	8.1099e-12	5.9901e+02	2.6719e-14	1.1649e+02	1.2113e-15	-8.3870e+04
2430	47	5.0113e-12	-2.6267e+02	3.9579e-15	-1.3573e+02	4.5475e-13	-5.8589e+04
	48	-5.0113e-12	2.6267e+02	-3.9579e-15	1.3573e+02	4.5476e-13	-5.6987e+04
2431	35	-8.4444e-12	-3.7669e+02	-3.0451e-14	-1.8060e+02	1.8175e-12	-7.9157e+04
	47	8.4444e-12	3.7669e+02	3.0451e-14	1.8060e+02	1.8204e-12	-7.1520e+04
2432	45	-9.4592e-12	-3.8454e+02	-3.0450e-14	-4.2825e+02	-7.1150e-16	-7.3089e+04
	46	9.4592e-12	3.8454e+02	3.0450e-14	4.2825e+02	7.7686e-16	-8.0725e+04
2433	44	6.9812e-12	-2.6941e+02	-1.1001e-18	-3.1648e+02	-4.3022e-12	-5.8445e+04
	45	-6.9812e-12	2.6941e+02	1.1001e-18	3.1648e+02	3.9760e-12	-6.0097e+04
2434	43	-1.4547e-11	-6.1481e+02	1.4216e-14	-3.3835e+02	5.5970e-12	-8.6079e+04
	44	1.4547e-11	6.1481e+02	-1.4216e-14	3.3835e+02	-2.0255e-12	-8.6067e+04
2435	42	8.1168e-12	-2.6864e+02	-3.5531e-15	3.2171e+02	1.9871e-12	-5.9871e+04
	43	-8.1168e-12	2.6864e+02	3.5531e-15	-3.2171e+02	-1.8668e-12	-5.8329e+04
2436	65	3.8970e-12	-3.7859e+02	-3.0450e-14	-2.4581e+02	-7.1150e-16	-7.1963e+04
	66	-3.8970e-12	3.7859e+02	3.0450e-14	2.4581e+02	7.7686e-16	-7.9473e+04
2437	64	-7.6903e-12	-2.6658e+02	-1.1028e-18	-3.0110e+02	-6.2248e-16	-5.7823e+04
	65	7.6903e-12	2.6658e+02	1.1028e-18	3.0110e+02	-5.6024e-16	-5.9474e+04
2438	63	-1.0926e-11	-6.0717e+02	3.1029e-14	2.7711e+02	-4.9077e-12	-8.5009e+04

	64	1.0926e-11	6.0717e+02	-3.1029e-14	-2.7711e+02	6.2461e-12	-8.4999e+04
2439	62	-8.8660e-12	-2.6583e+02	-3.0649e-18	-2.8315e+02	-2.1494e-12	-5.9243e+04
	63	8.8660e-12	2.6583e+02	3.0649e-18	2.8315e+02	9.9320e-13	-5.7721e+04
2440	61	8.1584e-12	-4.1333e+02	1.7759e-15	-2.7894e+02	6.9860e-13	-7.1383e+04
	62	-8.1584e-12	4.1333e+02	-1.7759e-15	2.7894e+02	1.1581e-12	-7.3284e+04
2441	41	1.7326e-11	-4.1815e+02	-3.2015e-18	-3.3195e+02	2.2786e-13	-7.2212e+04
	42	-1.7326e-11	4.1815e+02	3.2015e-18	3.3195e+02	-4.1075e-13	-7.4139e+04
2442	40	-1.6704e-11	-4.1814e+02	3.2310e-18	-3.3207e+02	5.3172e-13	-7.4138e+04
	41	1.6704e-11	4.1814e+02	-3.2310e-18	3.3207e+02	-8.5608e-16	-7.2212e+04
2443	39	8.1470e-12	-2.6862e+02	-7.7673e-15	3.2211e+02	2.2737e-13	-5.8326e+04
	40	-8.1470e-12	2.6862e+02	7.7673e-15	-3.2211e+02	5.0994e-13	-5.9869e+04
2444	38	-1.4515e-11	-6.1476e+02	-1.4229e-14	-3.3906e+02	-3.2460e-12	-8.6059e+04
	39	1.4515e-11	6.1476e+02	1.4229e-14	3.3906e+02	-3.7399e-12	-8.6073e+04
2445	37	7.0470e-12	-2.6953e+02	-7.1033e-15	-3.1460e+02	-1.8179e-12	-6.0123e+04
	38	-7.0470e-12	2.6953e+02	7.1033e-15	3.1460e+02	-1.9459e-12	-5.8471e+04
2446	34	8.3858e-12	-3.8450e+02	7.4288e-19	-4.2688e+02	-9.1704e-16	-8.0720e+04
	37	-8.3858e-12	3.8450e+02	-7.4288e-19	4.2688e+02	7.1198e-16	-7.3080e+04
2447	60	1.0726e-11	-4.1333e+02	1.7768e-15	-2.7891e+02	1.0213e-12	-7.3284e+04
	61	-1.0726e-11	4.1333e+02	-1.7768e-15	2.7891e+02	-9.9311e-13	-7.1383e+04
2448	59	4.5977e-12	-2.6583e+02	-7.7673e-15	-2.8312e+02	-7.6198e-16	-5.7720e+04
	60	-4.5977e-12	2.6583e+02	7.7673e-15	2.8312e+02	-8.0119e-13	-5.9243e+04
2449	58	7.1482e-12	-6.0716e+02	3.1043e-14	2.7695e+02	1.5973e-12	-8.4998e+04
	59	-7.1482e-12	6.0716e+02	-3.1043e-14	-2.7695e+02	-8.8270e-16	-8.5008e+04
2450	57	4.1403e-12	-2.6659e+02	1.0935e-14	-3.0067e+02	2.7983e-12	-5.9475e+04
	58	-4.1403e-12	2.6659e+02	-1.0935e-14	3.0067e+02	6.1974e-16	-5.7825e+04
2451	36	7.0215e-12	-3.7863e+02	7.4288e-19	-2.5045e+02	2.6529e-12	-7.9482e+04
	57	-7.0215e-12	3.7863e+02	-7.4288e-19	2.5045e+02	7.1198e-16	-7.1970e+04
2452	56	-9.6811e-16	6.6656e+01	5.0999e-14	-1.0994e+03	-6.8457e-12	1.2062e+04
	46	9.6811e-16	-6.6656e+01	-5.0999e-14	1.0994e+03	-2.9027e-12	1.7009e+04
2453	66	-7.8158e-16	-1.2306e+02	7.7559e-14	1.5348e+03	-2.5379e-11	-2.1025e+04
	56	7.8158e-16	1.2306e+02	-7.7559e-14	-1.5348e+03	2.8414e-11	-1.6398e+04
2454	55	-4.7772e-16	5.9699e+01	-3.2396e-14	-9.4758e+02	-1.3449e-11	1.1144e+04
	45	4.7772e-16	-5.9699e+01	3.2396e-14	9.4758e+02	-7.0517e-12	1.4885e+04
2455	65	-5.2493e-16	8.8654e+01	1.2697e-13	1.3067e+03	2.6669e-11	1.5635e+04
	55	5.2493e-16	-8.8654e+01	-1.2697e-13	-1.3067e+03	-2.8944e-11	1.1316e+04
2456	54	1.3369e-15	4.2245e+01	5.3466e-14	-9.0434e+02	-7.8992e-12	7.8220e+03
	44	-1.3369e-15	-4.2245e+01	-5.3466e-14	9.0434e+02	-3.2262e-12	1.0597e+04
2457	64	-9.5305e-17	6.4071e+01	7.7559e-14	1.1681e+03	-2.5379e-11	1.1266e+04
	54	9.5305e-17	-6.4071e+01	-7.7559e-14	-1.1681e+03	2.8414e-11	8.2115e+03
2458	53	9.1002e-13	3.0829e+01	3.2568e-14	-9.0035e+02	-1.4650e-12	5.7151e+03
	43	-9.1002e-13	-3.0829e+01	-3.2568e-14	9.0035e+02	6.2852e-12	7.7264e+03
2459	63	1.9887e-16	4.7688e+01	5.0548e-14	1.1788e+03	-2.7846e-11	8.3762e+03
	53	-1.9887e-16	-4.7688e+01	-5.0548e-14	-1.1788e+03	2.7465e-11	6.1211e+03
2460	52	4.5232e-13	1.3722e+01	5.1015e-14	-9.7749e+02	-7.8976e-12	2.5291e+03
	42	-4.5232e-13	-1.3722e+01	-5.1015e-14	9.7749e+02	-3.2870e-12	3.4538e+03
2461	62	6.6010e-16	-2.1167e+01	8.2589e-14	1.2588e+03	3.2087e-11	-3.7155e+03
	52	-6.6010e-16	2.1167e+01	-8.2589e-14	-1.2588e+03	2.7930e-11	-2.7195e+03
2462	51	1.2196e-15	-6.8382e-02	-2.4760e-14	-9.0292e+02	1.4665e-11	-1.4965e+01
	41	-1.2196e-15	6.8382e-02	2.4760e-14	9.0292e+02	-8.6556e-12	-1.4670e+01
2463	61	-5.8292e-16	6.0624e-02	1.1379e-13	1.1834e+03	2.6860e-11	1.5219e+01
	51	5.8292e-16	-6.0624e-02	-1.1379e-13	-1.1834e+03	-2.8955e-11	9.1656e+00
2464	50	1.2583e-15	-1.3625e+01	-2.9859e-14	-9.7771e+02	-1.4442e-11	-2.5096e+03
	40	-1.2583e-15	1.3625e+01	2.9859e-14	9.7771e+02	-7.5162e-12	-3.4309e+03
2465	60	-5.8914e-16	2.1212e+01	4.7256e-14	1.2585e+03	-3.1190e-11	3.7178e+03
	50	5.8914e-16	-2.1212e+01	-4.7256e-14	-1.2585e+03	2.7134e-11	2.7309e+03

2466	49	-9.2096e-16	-3.0694e+01	-5.0557e-14	-9.0060e+02	-1.0632e-11	-5.6872e+03
	39	9.2096e-16	3.0694e+01	5.0557e-14	9.0060e+02	-5.2233e-12	-7.6957e+03
2467	59	-1.9851e-16	-4.7734e+01	5.0548e-14	1.1782e+03	-2.7846e-11	-8.3779e+03
	49	1.9851e-16	4.7734e+01	-5.0548e-14	-1.1782e+03	2.7465e-11	-6.1334e+03
2468	48	4.2745e-12	-4.2093e+01	-2.0401e-14	-9.0441e+02	1.3894e-11	-7.7883e+03
	38	-4.2745e-12	4.2093e+01	2.0401e-14	9.0441e+02	-9.8340e-12	-1.0565e+04
2469	58	-5.1493e-12	-6.4149e+01	-1.8270e-13	1.1683e+03	-2.4246e-11	-1.1273e+04
	48	5.1493e-12	6.4149e+01	1.8270e-13	-1.1683e+03	-3.1270e-11	-8.2287e+03
2470	47	3.5569e-12	-5.9883e+01	-5.3177e-14	-9.4765e+02	-8.6401e-12	-1.1179e+04
	37	-3.5569e-12	5.9883e+01	5.3177e-14	9.4765e+02	-3.4547e-12	-1.4930e+04
2471	57	-7.1020e-16	-8.8748e+01	1.0784e-13	1.3015e+03	2.4470e-11	-1.5657e+04
	47	7.1020e-16	8.8748e+01	-1.0784e-13	-1.3015e+03	-2.8926e-11	-1.1323e+04
2472	35	3.6398e-12	-6.7002e+01	-2.9859e-14	-1.1028e+03	-1.4442e-11	-1.2142e+04
	34	-3.6398e-12	6.7002e+01	2.9859e-14	1.1028e+03	-7.7783e-12	-1.7078e+04
2473	36	1.2260e-15	1.2232e+02	7.8937e-14	1.5303e+03	-2.4642e-11	2.0931e+04
	35	-1.2260e-15	-1.2232e+02	-7.8937e-14	-1.5303e+03	2.8593e-11	1.6267e+04
2474	33	3.8536e+02	1.1388e+02	-5.7605e+02	1.1939e+03	1.6619e+05	2.6923e+04
	66	-3.8536e+02	-1.1388e+02	5.7605e+02	-1.1939e+03	7.7495e+04	2.1246e+04
2475	22	3.8250e+02	-1.4061e+02	-5.7009e+02	1.1939e+03	1.6321e+05	-3.1117e+04
	56	-3.8250e+02	1.4061e+02	5.7009e+02	-1.1939e+03	7.7936e+04	-2.8360e+04
2476	21	-1.2724e+02	-1.0970e+02	-7.5788e+02	1.1939e+03	1.9196e+05	-2.3988e+04
	55	1.2724e+02	1.0970e+02	7.5788e+02	-1.1939e+03	1.2862e+05	-2.2417e+04
2477	32	-3.3953e+02	-8.3980e+01	-7.7742e+02	1.1939e+03	1.9919e+05	-1.9817e+04
	65	3.3953e+02	8.3980e+01	7.7742e+02	-1.1939e+03	1.2966e+05	-1.5706e+04
2478	20	3.3087e+02	-7.8066e+01	-7.9564e+02	1.1939e+03	1.9702e+05	-1.7014e+04
	54	-3.3087e+02	7.8066e+01	7.9564e+02	-1.1939e+03	1.3954e+05	-1.6009e+04
2479	19	-3.4415e+02	-5.7863e+01	-7.9537e+02	1.1939e+03	1.9698e+05	-1.2637e+04
	53	3.4415e+02	5.7863e+01	7.9537e+02	-1.1939e+03	1.3947e+05	-1.1839e+04
2480	8	-3.2598e+02	4.3222e+01	-8.3228e+02	1.1939e+03	2.0815e+05	1.0572e+04
	43	3.2598e+02	-4.3222e+01	8.3228e+02	-1.1939e+03	1.4391e+05	-7.7123e+03
2481	9	3.7391e+02	-6.0022e+01	-8.3281e+02	1.1939e+03	2.0827e+05	-1.4773e+04
	44	-3.7391e+02	6.0022e+01	8.3281e+02	-1.1939e+03	1.4401e+05	-1.0618e+04
2482	10	-2.8392e+02	-8.2692e+01	-7.9394e+02	1.1939e+03	2.0306e+05	-2.0205e+04
	45	2.8392e+02	8.2692e+01	7.9394e+02	-1.1939e+03	1.3278e+05	-1.4774e+04
2483	11	6.7044e+02	-9.9433e+01	-5.9401e+02	1.1939e+03	1.7085e+05	-2.4635e+04
	46	-6.7044e+02	9.9433e+01	5.9401e+02	-1.1939e+03	8.0436e+04	-1.7431e+04
2484	31	3.6804e+02	-5.9727e+01	-8.1653e+02	1.1939e+03	2.0446e+05	-1.4023e+04
	64	-3.6804e+02	5.9727e+01	8.1653e+02	-1.1939e+03	1.4094e+05	-1.1242e+04
2485	30	-3.2642e+02	-4.4771e+01	-8.1599e+02	1.1939e+03	2.0433e+05	-1.0556e+04
	63	3.2642e+02	4.4771e+01	8.1599e+02	-1.1939e+03	1.4084e+05	-8.3826e+03
2486	18	1.4464e+02	-2.5550e+01	-7.6007e+02	1.1939e+03	1.9225e+05	-5.5659e+03
	52	-1.4464e+02	2.5550e+01	7.6007e+02	-1.1939e+03	1.2926e+05	-5.2420e+03
2487	6	-5.8261e+00	1.2339e-01	-8.3272e+02	1.1939e+03	2.0831e+05	3.6552e+01
	41	5.8261e+00	-1.2339e-01	8.3272e+02	-1.1939e+03	1.4393e+05	1.5011e+01
2488	29	1.5440e+02	1.9743e+01	-7.8177e+02	1.1939e+03	1.9999e+05	4.6402e+03
	62	-1.5440e+02	-1.9743e+01	7.8177e+02	-1.1939e+03	1.3070e+05	-3.7112e+03
2489	17	-1.6162e-01	-1.1579e-01	-7.9594e+02	1.1939e+03	1.9716e+05	-2.5197e+01
	51	1.6162e-01	1.1579e-01	7.9594e+02	-1.1939e+03	1.3952e+05	2.3464e+01
2490	7	1.4783e+02	-1.9679e+01	-7.9727e+02	1.1939e+03	2.0366e+05	-4.8602e+03
	42	-1.4783e+02	1.9679e+01	7.9727e+02	-1.1939e+03	1.3359e+05	-3.4649e+03
2491	5	-1.5291e+02	1.9527e+01	-7.9726e+02	1.1939e+03	2.0366e+05	4.8192e+03
	40	1.5291e+02	-1.9527e+01	7.9726e+02	-1.1939e+03	1.3358e+05	3.4417e+03
2492	28	-4.2852e-01	-8.4092e-02	-8.1660e+02	1.1939e+03	2.0454e+05	-2.0290e+01
	61	4.2852e-01	8.4092e-02	8.1660e+02	-1.1939e+03	1.4089e+05	-1.5178e+01
2493	16	-1.4483e+02	2.5516e+01	-7.6007e+02	1.1939e+03	1.9225e+05	5.5612e+03

	50	1.4483e+02	-2.5516e+01	7.6007e+02	-1.1939e+03	1.2926e+05	5.2321e+03
2494	27	-1.5490e+02	-1.9750e+01	-7.8177e+02	1.1939e+03	1.9999e+05	-4.6410e+03
	60	1.5490e+02	1.9750e+01	7.8177e+02	-1.1939e+03	1.3070e+05	-3.7135e+03
2495	4	3.1607e+02	-4.3022e+01	-8.3222e+02	1.1939e+03	2.0814e+05	-1.0519e+04
	39	-3.1607e+02	4.3022e+01	8.3222e+02	-1.1939e+03	1.4390e+05	7.6809e+03
2496	15	3.4391e+02	5.7811e+01	-7.9537e+02	1.1939e+03	1.9698e+05	1.2629e+04
	49	-3.4391e+02	-5.7811e+01	7.9537e+02	-1.1939e+03	1.3946e+05	1.1825e+04
2497	26	3.2556e+02	4.4775e+01	-8.1599e+02	1.1939e+03	2.0433e+05	1.0556e+04
	59	-3.2556e+02	-4.4775e+01	8.1599e+02	-1.1939e+03	1.4084e+05	8.3844e+03
2498	3	-3.8334e+02	5.9858e+01	-8.3290e+02	1.1939e+03	2.0830e+05	1.4733e+04
	38	3.8334e+02	-5.9858e+01	8.3290e+02	-1.1939e+03	1.4402e+05	1.0588e+04
2499	14	-3.3116e+02	7.8017e+01	-7.9564e+02	1.1939e+03	1.9702e+05	1.7006e+04
	48	3.3116e+02	-7.8017e+01	7.9564e+02	-1.1939e+03	1.3954e+05	1.5996e+04
2500	25	-3.6962e+02	5.9762e+01	-8.1654e+02	1.1939e+03	2.0446e+05	1.4031e+04
	58	3.6962e+02	-5.9762e+01	8.1654e+02	-1.1939e+03	1.4094e+05	1.1249e+04
2501	2	3.2189e+02	8.2978e+01	-7.9400e+02	1.1939e+03	2.0307e+05	2.0281e+04
	37	-3.2189e+02	-8.2978e+01	7.9400e+02	-1.1939e+03	1.3279e+05	1.4819e+04
2502	13	1.2743e+02	1.0982e+02	-7.5788e+02	1.1939e+03	1.9196e+05	2.4005e+04
	47	-1.2743e+02	-1.0982e+02	7.5788e+02	-1.1939e+03	1.2863e+05	2.2449e+04
2503	24	3.2625e+02	8.4058e+01	-7.7746e+02	1.1939e+03	1.9920e+05	1.9835e+04
	57	-3.2625e+02	-8.4058e+01	7.7746e+02	-1.1939e+03	1.2967e+05	1.5721e+04
2504	1	-6.4493e+02	9.9841e+01	-5.9390e+02	1.1939e+03	1.7083e+05	2.4738e+04
	34	6.4493e+02	-9.9841e+01	5.9390e+02	-1.1939e+03	8.0411e+04	1.7500e+04
2505	12	-3.8207e+02	1.4047e+02	-5.7009e+02	1.1939e+03	1.6321e+05	3.1085e+04
	35	3.8207e+02	-1.4047e+02	5.7009e+02	-1.1939e+03	7.7934e+04	2.8335e+04
2506	23	-3.6564e+02	-1.1347e+02	-5.7608e+02	1.1939e+03	1.6620e+05	-2.6837e+04
	36	3.6564e+02	1.1347e+02	5.7608e+02	-1.1939e+03	7.7496e+04	-2.1159e+04
654	1906	0.0000e+00	-4.9357e+01	0.0000e+00	3.7980e+03	0.0000e+00	-7.8586e+03
	1905	0.0000e+00	-1.4816e+02	0.0000e+00	-6.7388e+03	0.0000e+00	-3.6637e+03
655	1907	0.0000e+00	-9.2851e+00	0.0000e+00	2.0654e+03	0.0000e+00	-6.7397e+02
	1906	0.0000e+00	-8.3964e+01	0.0000e+00	-3.7980e+03	0.0000e+00	7.8586e+03
656	1908	0.0000e+00	4.3807e+00	0.0000e+00	1.4470e+03	0.0000e+00	2.3008e+02
	1907	0.0000e+00	-1.9447e+00	0.0000e+00	-2.0654e+03	0.0000e+00	6.7397e+02
657	1909	0.0000e+00	-9.8361e-01	0.0000e+00	9.4109e+02	0.0000e+00	-5.9011e+01
	1908	0.0000e+00	2.4577e+00	0.0000e+00	-1.4470e+03	0.0000e+00	-2.3008e+02
658	1910	0.0000e+00	-3.4955e+00	0.0000e+00	8.2776e+02	0.0000e+00	-6.3014e+02
	1909	0.0000e+00	-7.6215e-01	0.0000e+00	-9.4109e+02	0.0000e+00	5.9011e+01
659	1911	0.0000e+00	7.6091e-01	0.0000e+00	9.2273e+02	0.0000e+00	5.4697e+01
	1910	0.0000e+00	3.3507e+00	0.0000e+00	-8.1795e+02	0.0000e+00	-6.2341e+02
660	1912	0.0000e+00	-2.8710e+00	0.0000e+00	1.4106e+03	0.0000e+00	-2.4671e+02
	1911	0.0000e+00	9.4436e-01	0.0000e+00	-9.2273e+02	0.0000e+00	-5.4697e+01
661	1913	0.0000e+00	2.5053e+00	0.0000e+00	2.0102e+03	0.0000e+00	6.6064e+02
	1912	0.0000e+00	-4.5564e+00	0.0000e+00	-1.4106e+03	0.0000e+00	2.4671e+02
662	1914	0.0000e+00	8.1803e+01	0.0000e+00	3.6928e+03	0.0000e+00	7.6285e+03
	1913	0.0000e+00	9.3206e+00	0.0000e+00	-2.0102e+03	0.0000e+00	-6.6064e+02
663	1915	0.0000e+00	1.3921e+02	0.0000e+00	6.5503e+03	0.0000e+00	-3.6126e+03
	1914	0.0000e+00	5.1361e+01	0.0000e+00	-3.6928e+03	0.0000e+00	-7.6285e+03
664	1895	0.0000e+00	7.6996e+01	0.0000e+00	6.0055e+04	0.0000e+00	2.6718e+04
	1894	0.0000e+00	-6.0357e+02	0.0000e+00	-7.4359e+04	0.0000e+00	-2.1872e+04
665	1896	0.0000e+00	-1.2973e+02	0.0000e+00	-1.8413e+04	0.0000e+00	-1.5186e+04
	1895	0.0000e+00	2.9529e+02	0.0000e+00	1.8372e+04	0.0000e+00	-2.9935e+04
666	1897	0.0000e+00	-1.0848e+02	0.0000e+00	-4.6292e+03	0.0000e+00	-1.1764e+04
	1896	0.0000e+00	4.2815e+01	0.0000e+00	3.0853e+03	0.0000e+00	-5.6697e+03
667	1898	0.0000e+00	-7.3780e+01	0.0000e+00	-4.4468e+03	0.0000e+00	-1.1025e+04
	1897	0.0000e+00	6.0830e+01	0.0000e+00	8.7468e+03	0.0000e+00	-9.8941e+03

668	1899	0.0000e+00	-6.7330e+01	0.0000e+00	-5.8003e+03	0.0000e+00	-1.0212e+04
	1898	0.0000e+00	4.5825e+01	0.0000e+00	7.0598e+03	0.0000e+00	-9.0563e+03
669	1900	0.0000e+00	-5.4350e+01	0.0000e+00	-6.8176e+03	0.0000e+00	-9.6246e+03
	1899	0.0000e+00	6.0067e+01	0.0000e+00	6.0533e+03	0.0000e+00	-9.8322e+03
670	1901	0.0000e+00	-6.7926e+01	0.0000e+00	-8.7146e+03	0.0000e+00	-1.0348e+04
	1900	0.0000e+00	6.4244e+01	0.0000e+00	4.8523e+03	0.0000e+00	-1.0422e+04
671	1902	0.0000e+00	-5.4466e+01	0.0000e+00	-2.3257e+03	0.0000e+00	-7.3979e+03
	1901	0.0000e+00	1.0015e+02	0.0000e+00	2.8733e+03	0.0000e+00	-1.1232e+04
672	1903	0.0000e+00	-2.9503e+02	0.0000e+00	-1.2361e+04	0.0000e+00	-2.9342e+04
	1902	0.0000e+00	1.1580e+02	0.0000e+00	1.3908e+04	0.0000e+00	-1.3290e+04
673	1904	0.0000e+00	6.0035e+02	0.0000e+00	7.4642e+04	0.0000e+00	-2.2730e+04
	1903	0.0000e+00	-9.7072e+01	0.0000e+00	-6.1019e+04	0.0000e+00	2.7991e+04

Parametri di progetto

Normativa

Normativa di riferimento DM 2018 - Zona sismica - Bassa Duttilità

Unità di misura

Lunghezza cm
Forza kg
Pressione kg/cm2

Metodo di progetto

Metodo Stati limite

Fattori di sicurezza parziale materiali

Calcestruzzo 1.60
Acciaio 1.15

Legami costitutivi

Asse parabola calcestruzzo (x1000) 2.00
Fattore di riduzione addizionale 0.85
Deformazione ultima calcestruzzo (x1000) 3.50
Deformazione ultima acciaio (x1000) 10.00
Incremento resistenza acciaio 0.00

Opzioni di progetto

Considerata l'eccentricità accidentale sui pilastri NO
Considerata la traslazione del diagramma dei momenti NO

Armatura longitudinale

Lunghezza massima barre cm 600.00
Massima distanza barre cm 1000.00
Diametri minimi di ancoraggio 20.00

Progetto antisismico

Gerarchia delle resistenze NO
Fattore di sicurezza per la gerarchia delle resistenze 1.30
Progetto per taglio dovuto ad azione sismica NO
gamma_rd per le travi 1.10
gamma_rd per i pilastri 1.10
Progetto per duttilità dei pilastri-parete NO
gamma_rd per pareti 1.10
gamma_rd per fondazioni 1.10
Progetto a taglio dei nodi trave-pilastro SI
gamma_rd per nodo 1.10

Minimi e massimi per le travi

Armatura minima tesa F1.40000
Armatura massima tesa F3.50000
Armatura minima totale 0.000
Armatura massima totale
Moltiplicatore di continuità dell'armatura in zona critica 0.00
Rapporto di bilanciamento di armatura 0.50
Lunghezza zona critica H

Minimi e massimi per i pilastri

Armatura minima totale 0.010
Armatura massima totale 0.040

Minimi e massimi per travi di fondazione

Armatura minima totale 0.002

Modalità staffatura

Staffe filo pilastro SI
Passo massimo nelle travi 33.000,h0.8
Passo massimo nei pilastri 25.000,D12

Infittimento staffe agli estremi

Passo zona critica travi h0.25,D8,22.500,S24
Lunghezza zona critica travi H
Passo zona critica pilastri D8,17.500,m0.5,p12.50000J
Lunghezza zona critica pilastri 0.000

Abbreviazioni usate nelle regole di assegnazione

n	valore numerico
Hn	n volte altezza della sezione asse locale y
Ln	n moltiplica la lunghezza della trave
Dn	n volte il diametro minimo armatura
Sn	n volte il diametro della staffa
Pn	Ast/bst: rapporto tra area staffa e corda
Mn (maiuscolo)	dimensione massima della sezione
mn (minuscolo)	dimensione minima della sezione
Nn	moltiplicatore forza assiale di compressione
Fn	inverso della resistenza dell'acciaio

Caratteristiche dei materiali

Metamateriali		
Calcestruzzo	Resistenza cubica calcestruzzo	305.914864
	Resistenza acciaio	4589.000000
	Copriferro	3.0000
	Interferro	1.0000
	Max distanza barre	100000.0000
	Max distanza braccia	100000.0000
	Classe calcestruzzo	C25/30
	Classe acciaio	B450C
	Coeff. Dil. Termica	0.000012000
	Non strutturale	no
	Max distanza legature	100000.0000

Calcestruzzi		
	Calcestruzzo	Calcestruzzo
Denominazione materiale		C25/30
Resistenza cubica	kg/cm2	305.91
Resistenza a compressione	kg/cm2	134.89
Resistenza a trazione frattile 5%	kg/cm2	10.01
Tensione di aderenza	kg/cm2	22.53

Acciai		
	Acciaio	Calcestruzzo
Denominazione materiale		B450C
Resistenza caratteristica acciaio	kg/cm2	4589.00
Resistenza di calcolo	kg/cm2	3990.43

Combinazioni di carico di stato limite ultimo

1	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh X
2	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh X
3	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh X
4	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh X
5	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh X
6	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh X
7	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh X
8	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh X
9	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh Y
10	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh Y
11	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh Y
12	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh Y
13	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + -1.00 * (1) Dinamica SLVh Y
14	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Q2 + 0.80 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLVh Y

[illegible]

60	$0.90 * (1) V-x + 0.75 * (1) Q3 + 1.50 * (1) Q2 + 1.50 * (1) G2 + 1.30 * (1) G1$
61	$0.90 * (1) V+x + 0.75 * (1) Q3 + 1.50 * (1) Q2 + 1.50 * (1) G2 + 1.30 * (1) G1$
62	$0.90 * (1) V-y + 0.75 * (1) Q3 + 1.05 * (1) Q2 + 1.50 * (1) Q1 + 1.50 * (1) G2 + 1.30 * (1) G1$
63	$0.90 * (1) V+y + 0.75 * (1) Q3 + 1.05 * (1) Q2 + 1.50 * (1) Q1 + 1.50 * (1) G2 + 1.30 * (1) G1$
64	$0.90 * (1) V-x + 0.75 * (1) Q3 + 1.05 * (1) Q2 + 1.50 * (1) Q1 + 1.50 * (1) G2 + 1.30 * (1) G1$
65	$0.90 * (1) V+x + 0.75 * (1) Q3 + 1.05 * (1) Q2 + 1.50 * (1) Q1 + 1.50 * (1) G2 + 1.30 * (1) G1$
66	$1.50 * (1) G2 + 1.30 * (1) G1$
67	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) Q3$
68	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) V+x$
69	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) V-x$
70	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) V+y$
71	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) V-y$
72	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) Q3 + 0.90 * (1) V+x$
73	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) Q3 + 0.90 * (1) V-x$
74	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) Q3 + 0.90 * (1) V+y$
75	$1.30 * (1) G1 + 1.50 * (1) G2 + 1.50 * (1) Q3 + 0.90 * (1) V-y$
76	$1.30 * (1) G1 + 1.50 * (1) G2 + 0.75 * (1) Q3 + 1.50 * (1) V+x$
77	$1.30 * (1) G1 + 1.50 * (1) G2 + 0.75 * (1) Q3 + 1.50 * (1) V-x$
78	$1.30 * (1) G1 + 1.50 * (1) G2 + 0.75 * (1) Q3 + 1.50 * (1) V+y$
79	$1.30 * (1) G1 + 1.50 * (1) G2 + 0.75 * (1) Q3 + 1.50 * (1) V-y$

Combinazioni di carico di stato limite di esercizio

1	Quasi Perm. $0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
2	Quasi Perm. $1.00 * (1) G2 + 1.00 * (1) G1$
3	Frequente $0.20 * (1) V-y + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
4	Frequente $0.20 * (1) V+y + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
5	Frequente $0.20 * (1) V-x + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
6	Frequente $0.20 * (1) V+x + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
7	Frequente $0.20 * (1) Q3 + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
8	Frequente $0.50 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
9	Frequente $0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
10	Frequente $1.00 * (1) G2 + 1.00 * (1) G1$
11	Rara $1.00 * (1) V-y + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
12	Rara $1.00 * (1) V+y + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
13	Rara $1.00 * (1) V-x + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
14	Rara $1.00 * (1) V+x + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
15	Rara $0.60 * (1) V-y + 1.00 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
16	Rara $0.60 * (1) V+y + 1.00 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
17	Rara $0.60 * (1) V-x + 1.00 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
18	Rara $0.60 * (1) V+x + 1.00 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
19	Rara $0.60 * (1) V-y + 0.50 * (1) Q3 + 1.00 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
20	Rara $0.60 * (1) V+y + 0.50 * (1) Q3 + 1.00 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
21	Rara $0.60 * (1) V-x + 0.50 * (1) Q3 + 1.00 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
22	Rara $0.60 * (1) V+x + 0.50 * (1) Q3 + 1.00 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1$
23	Rara $0.60 * (1) V-y + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) Q1 + 1.00 * (1) G2 + 1.00 * (1) G1$
24	Rara $0.60 * (1) V+y + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) Q1 + 1.00 * (1) G2 + 1.00 * (1) G1$
25	Rara $0.60 * (1) V-x + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) Q1 + 1.00 * (1) G2 + 1.00 * (1) G1$
26	Rara $0.60 * (1) V+x + 0.50 * (1) Q3 + 0.70 * (1) Q2 + 1.00 * (1) Q1 + 1.00 * (1) G2 + 1.00 * (1) G1$
27	Rara $1.00 * (1) G2 + 1.00 * (1) G1$
28	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) Q3 + 0.60 * (1) V-y$
29	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) Q3 + 0.60 * (1) V+y$
30	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) Q3 + 0.60 * (1) V-x$
31	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) Q3 + 0.60 * (1) V+x$
32	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) V-y$
33	Quasi Perm. $1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) V+y$

34	Quasi Perm. 1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) V-x
35	Quasi Perm. 1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) V+x
36	Quasi Perm. 1.00 * (1) G1 + 1.00 * (1) G2 + 1.00 * (1) Q3

Combinazioni di carico di stato limite di danno

[illegible]

Combinazioni di carico di stato limite di operatività

[illegible]

[illegible]

[illegible]

[illegible]

156	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLOh Y
157	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 1.00 * (1) Q3 + 0.30 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLOh Y
158	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 1.00 * (1) Q2 + 1.00 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLOh Y
159	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Q2 + 1.00 * (1) Q1 + 1.00 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLOh Y
160	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 1.00 * (1) G2 + 1.00 * (1) G1 + 1.00 * (1) Dinamica SLOh Y

Elementi

Elemento	Dal nodo	Al nodo	Offset estremo sinistro (cm)	Offset estremo destro (cm)	Lunghezza (cm)
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			x	y	z	x	y	z	
629	1910	28	0.00	0.00	0.00	0.00	0.00	0.00	187.00
630	1905	33	0.00	0.00	0.00	0.00	0.00	0.00	187.00
631	1915	23	0.00	0.00	0.00	0.00	0.00	0.00	187.00
632	1894	1981	0.00	0.00	0.00	0.00	0.00	0.00	123.00
633	1895	1980	0.00	0.00	0.00	0.00	0.00	0.00	123.00
634	1896	1979	0.00	0.00	0.00	0.00	0.00	0.00	123.00
635	1897	1978	0.00	0.00	0.00	0.00	0.00	0.00	123.00
636	1898	1977	0.00	0.00	0.00	0.00	0.00	0.00	123.00
637	1899	1976	0.00	0.00	0.00	0.00	0.00	0.00	123.00
638	1900	1975	0.00	0.00	0.00	0.00	0.00	0.00	123.00
639	1901	1974	0.00	0.00	0.00	0.00	0.00	0.00	123.00
640	1902	1973	0.00	0.00	0.00	0.00	0.00	0.00	123.00
641	1903	1972	0.00	0.00	0.00	0.00	0.00	0.00	123.00
642	1904	1971	0.00	0.00	0.00	0.00	0.00	0.00	123.00
654	1906	1905	0.00	0.00	0.00	0.00	0.00	0.00	400.00
655	1907	1906	0.00	0.00	0.00	0.00	0.00	0.00	440.00
656	1908	1907	0.00	0.00	0.00	0.00	0.00	0.00	280.00
657	1909	1908	0.00	0.00	0.00	0.00	0.00	0.00	440.00
658	1910	1909	0.00	0.00	0.00	0.00	0.00	0.00	350.00
659	1911	1910	0.00	0.00	0.00	0.00	0.00	0.00	350.00
660	1912	1911	0.00	0.00	0.00	0.00	0.00	0.00	440.00
661	1913	1912	0.00	0.00	0.00	0.00	0.00	0.00	280.00
662	1914	1913	0.00	0.00	0.00	0.00	0.00	0.00	440.00
663	1915	1914	0.00	0.00	0.00	0.00	0.00	0.00	400.00
664	1895	1894	0.00	0.00	0.00	0.00	0.00	0.00	400.00
665	1896	1895	0.00	0.00	0.00	0.00	0.00	0.00	440.00
666	1897	1896	0.00	0.00	0.00	0.00	0.00	0.00	280.00
667	1898	1897	0.00	0.00	0.00	0.00	0.00	0.00	440.00
668	1899	1898	0.00	0.00	0.00	0.00	0.00	0.00	350.00
669	1900	1899	0.00	0.00	0.00	0.00	0.00	0.00	350.00
670	1901	1900	0.00	0.00	0.00	0.00	0.00	0.00	440.00
671	1902	1901	0.00	0.00	0.00	0.00	0.00	0.00	280.00
672	1903	1902	0.00	0.00	0.00	0.00	0.00	0.00	440.00
673	1904	1903	0.00	0.00	0.00	0.00	0.00	0.00	400.00
2422	55	56	0.00	0.00	0.00	0.00	0.00	0.00	400.00
2423	54	55	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2424	53	54	0.00	0.00	0.00	0.00	0.00	0.00	280.00
2425	52	53	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2426	51	52	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2427	50	51	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2428	49	50	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2429	48	49	0.00	0.00	0.00	0.00	0.00	0.00	280.00
2430	47	48	0.00	0.00	0.00	0.00	0.00	0.00	4

2440	61	62	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2441	41	42	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2442	40	41	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2443	39	40	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2444	38	39	0.00	0.00	0.00	0.00	0.00	0.00	280.00
2445	37	38	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2446	34	37	0.00	0.00	0.00	0.00	0.00	0.00	400.00
2447	60	61	0.00	0.00	0.00	0.00	0.00	0.00	350.00
2448	59	60	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2449	58	59	0.00	0.00	0.00	0.00	0.00	0.00	280.00
2450	57	58	0.00	0.00	0.00	0.00	0.00	0.00	440.00
2451	36	57	0.00	0.00	0.00	0.00	0.00	0.00	400.00
2452	56	46	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2453	66	56	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2454	55	45	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2455	65	55	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2456	54	44	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2457	64	54	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2458	53	43	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2459	63	53	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2460	52	42	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2461	62	52	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2462	51	41	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2463	61	51	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2464	50	40	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2465	60	50	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2466	49	39	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2467	59	49	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2468	48	38	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2469	58	48	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2470	47	37	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2471	57	47	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2472	35	34	0.00	0.00	0.00	0.00	0.00	0.00	436.00
2473	36	35	0.00	0.00	0.00	0.00	0.00	0.00	304.00
2474	33	66	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2475	22	56	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2476	21	55	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2477	32	65	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2478	20	54	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2479	19	53	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2480	8	43	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2481	9	44	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2482	10	45	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2483	11	46	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2484	31	64	0.00	0.00	0.0				

2505	12	35	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2506	23	36	0.00	0.00	0.00	0.00	0.00	0.00	423.00
2530	1	1904	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2531	2	1903	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2532	3	1902	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2533	4	1901	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2534	5	1900	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2535	6	1899	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2536	7	1898	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2537	8	1897	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2538	9	1896	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2539	10	1895	0.00	0.00	0.00	0.00	0.00	0.00	394.00
2540	11	1894	0.00	0.00	0.00	0.00	0.00	0.00	394.00

Sezioni

Sezione rettangolare

Elemento	Materiale	Altezza (cm)	Base (cm)
629	Calcestruzzo	25.00	30.00
630	Calcestruzzo	25.00	30.00
631	Calcestruzzo	25.00	30.00
632	Calcestruzzo	60.00	30.00
633	Calcestruzzo	60.00	30.00
634	Calcestruzzo	60.00	30.00
635	Calcestruzzo	60.00	30.00
636	Calcestruzzo	60.00	30.00
637	Calcestruzzo	60.00	30.00
638	Calcestruzzo	60.00	30.00
639	Calcestruzzo	60.00	30.00
640	Calcestruzzo	60.00	30.00
641	Calcestruzzo	60.00	30.00
642	Calcestruzzo	60.00	30.00
654	Calcestruzzo	40.00	80.00
655	Calcestruzzo	40.00	80.00
656	Calcestruzzo	40.00	80.00
657	Calcestruzzo	40.00	80.00
658	Calcestruzzo	40.00	80.00
659	Calcestruzzo	40.00	80.00
660	Calcestruzzo	40.00	80.00
661	Calcestruzzo	40.00	80.00
662	Calcestruzzo	40.00	80.00
663	Calcestruzzo	40.00	80.00
664	Calcestruzzo	40.00	100.00
665	Calcestruzzo	40.00	100.00
666	Calcestruzzo	40.00	100.00
667	Calcestruzzo	40.00	100.00
668	Calcestruzzo	40.00	100.00
669	Calcestruzzo	40.00	100.00
670	Calcestruzzo	40.00	100.00
671	Calcestruzzo	40.00	100.00
672	Calcestruzzo	40.00	100.00
673	Calcestruzzo	40.00	100.00
2422	Calcestruzzo	20.00	30.00
2423	Calcestruzzo	20.00	30.00
2424	Calcestruzzo	20.00	30.00
2425	Calcestruzzo	20.00	30.00
2426	Calcestruzzo	20.00	30.00
2427	Calcestruzzo	20.00	30.00
2428	Calcestruzzo	20.00	30.00
2429	Calcestruzzo	20.00	30.00
2430	Calcestruzzo	20.00	30.00
2431	Calcestruzzo	20.00	30.00
2432	Calcestruzzo	20.00	30.00
2433	Calcestruzzo	20.00	30.00
2434	Calcestruzzo	20.00	30.00

2435	Calcestruzzo	20.00	30.00
2436	Calcestruzzo	20.00	30.00
2437	Calcestruzzo	20.00	30.00
2438	Calcestruzzo	20.00	30.00
2439	Calcestruzzo	20.00	30.00
2440	Calcestruzzo	20.00	30.00
2441	Calcestruzzo	20.00	30.00
2442	Calcestruzzo	20.00	30.00
2443	Calcestruzzo	20.00	30.00
2444	Calcestruzzo	20.00	30.00
2445	Calcestruzzo	20.00	30.00
2446	Calcestruzzo	20.00	30.00
2447	Calcestruzzo	20.00	30.00
2448	Calcestruzzo	20.00	30.00
2449	Calcestruzzo	20.00	30.00
2450	Calcestruzzo	20.00	30.00
2451	Calcestruzzo	20.00	30.00
2452	Calcestruzzo	30.00	30.00
2453	Calcestruzzo	30.00	30.00
2454	Calcestruzzo	30.00	30.00
2455	Calcestruzzo	30.00	30.00
2456	Calcestruzzo	30.00	30.00
2457	Calcestruzzo	30.00	30.00
2458	Calcestruzzo	30.00	30.00
2459	Calcestruzzo	30.00	30.00
2460	Calcestruzzo	30.00	30.00
2461	Calcestruzzo	30.00	30.00
2462	Calcestruzzo	30.00	30.00
2463	Calcestruzzo	30.00	30.00
2464	Calcestruzzo	30.00	30.00
2465	Calcestruzzo	30.00	30.00
2466	Calcestruzzo	30.00	30.00
2467	Calcestruzzo	30.00	30.00
2468	Calcestruzzo	30.00	30.00
2469	Calcestruzzo	30.00	30.00
2470	Calcestruzzo	30.00	30.00
2471	Calcestruzzo	30.00	30.00
2472	Calcestruzzo	30.00	30.00
2473	Calcestruzzo	30.00	30.00
2474	Calcestruzzo	30.00	30.00
2475	Calcestruzzo	30.00	30.00
2476	Calcestruzzo	30.00	30.00
2477	Calcestruzzo	30.00	30.00
2478	Calcestruzzo	30.00	30.00
2479	Calcestruzzo	30.00	30.00
2480	Calcestruzzo	30.00	30.00
2481	Calcestruzzo	30.00	30.00
2482	Calcestruzzo	30.00	30.00
2483	Calcestruzzo	30.00	30.00
2484	Calcestruzzo	30.00	30.00
2485	Calcestruzzo	30.00	30.00
2486	Calcestruzzo	30.00	30.00
2487	Calcestruzzo	30.00	30.00
2488	Calcestruzzo	30.00	30.00
2489	Calcestruzzo	30.00	30.00
2490	Calcestruzzo	30.00	30.00
2491	Calcestruzzo	30.00	30.00
2492	Calcestruzzo	30.00	30.00
2493	Calcestruzzo	30.00	30.00
2494	Calcestruzzo	30.00	30.00
2495	Calcestruzzo	30.00	30.00
2496	Calcestruzzo	30.00	30.00
2497	Calcestruzzo	30.00	30.00
2498	Calcestruzzo	30.00	30.00
2499	Calcestruzzo	30.00	30.00

2500	Calcestruzzo	30.00	30.00
2501	Calcestruzzo	30.00	30.00
2502	Calcestruzzo	30.00	30.00
2503	Calcestruzzo	30.00	30.00
2504	Calcestruzzo	30.00	30.00
2505	Calcestruzzo	30.00	30.00
2506	Calcestruzzo	30.00	30.00
2530	Calcestruzzo	25.00	30.00
2531	Calcestruzzo	25.00	30.00
2532	Calcestruzzo	25.00	30.00
2533	Calcestruzzo	25.00	30.00
2534	Calcestruzzo	25.00	30.00
2535	Calcestruzzo	25.00	30.00
2536	Calcestruzzo	25.00	30.00
2537	Calcestruzzo	25.00	30.00
2538	Calcestruzzo	25.00	30.00
2539	Calcestruzzo	25.00	30.00
2540	Calcestruzzo	25.00	30.00

Sollecitazioni agli estremi degli elementi						
Condizione "(1) Dinamica SLOh Y"						
Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	1.6871e-01	0.0000e+00	-1.2535e+03	0.0000e+00	-1.9894e+01
	0.0000e+00	1.6871e-01	0.0000e+00	-1.2535e+03	0.0000e+00	1.1704e+01
630	0.0000e+00	-9.5360e+01	0.0000e+00	-3.6637e+03	0.0000e+00	6.7388e+03
	0.0000e+00	-9.5360e+01	0.0000e+00	-3.6637e+03	0.0000e+00	-1.1125e+04
631	0.0000e+00	9.3140e+01	0.0000e+00	-3.6126e+03	0.0000e+00	-6.5503e+03
	0.0000e+00	9.3140e+01	0.0000e+00	-3.6126e+03	0.0000e+00	1.0898e+04
632	5.8319e+02	-6.6431e+02	1.5142e+02	2.8161e+03	-2.0894e+04	8.1710e+04
	5.8319e+02	-6.6431e+02	1.5142e+02	2.8161e+03	-2.2699e+03	7.7443e-11
633	-3.6121e+02	4.1328e+02	1.5446e+02	2.8092e+03	-2.1262e+04	-5.0834e+04
	-3.6121e+02	4.1328e+02	1.5446e+02	2.8092e+03	-2.2643e+03	4.4175e-11
634	1.3552e+02	-1.5664e+02	1.4972e+02	2.7311e+03	-2.0616e+04	1.9266e+04
	1.3552e+02	-1.5664e+02	1.4972e+02	2.7311e+03	-2.2014e+03	2.0102e-11
635	-1.0803e+02	1.2495e+02	1.4750e+02	2.6954e+03	-2.0315e+04	-1.5369e+04
	-1.0803e+02	1.2495e+02	1.4750e+02	2.6954e+03	-2.1726e+03	1.7672e-11
636	2.9112e+01	-3.3819e+01	1.4537e+02	2.6628e+03	-2.0026e+04	4.1598e+03
	2.9112e+01	-3.3819e+01	1.4537e+02	2.6628e+03	-2.1463e+03	-1.1276e-11
637	6.3453e+00	-7.3335e+00	1.4470e+02	2.6539e+03	-1.9936e+04	9.0203e+02
	6.3453e+00	-7.3335e+00	1.4470e+02	2.6539e+03	-2.1391e+03	7.3351e-12
638	-1.9890e+01	2.3026e+01	1.4507e+02	2.6619e+03	-1.9988e+04	-2.8322e+03
	-1.9890e+01	2.3026e+01	1.4507e+02	2.6619e+03	-2.1456e+03	1.8457e-11
639	9.8797e+01	-1.1390e+02	1.4679e+02	2.6934e+03	-2.0225e+04	1.4010e+04
	9.8797e+01	-1.1390e+02	1.4679e+02	2.6934e+03	-2.1710e+03	1.6824e-11
640	1.1581e+02	-1.3337e+02	1.4867e+02	2.7282e+03	-2.0485e+04	1.6404e+04
	1.1581e+02	-1.3337e+02	1.4867e+02	2.7282e+03	-2.1990e+03	4.6730e-11
641	3.6709e+02	-4.2008e+02	1.5275e+02	2.8060e+03	-2.1049e+04	5.1669e+04
	3.6709e+02	-4.2008e+02	1.5275e+02	2.8060e+03	-2.2617e+03	3.1372e-11
642	-5.7986e+02	6.6571e+02	1.5919e+02	2.8607e+03	-2.1884e+04	-8.1882e+04
	-5.7986e+02	6.6571e+02	1.5919e+02	2.8607e+03	-2.3058e+03	-5.9317e-11
654	0.0000e+00	4.9357e+01	0.0000e+00	3.7980e+03	0.0000e+00	-7.8586e+03
	0.0000e+00	-1.4816e+02	0.0000e+00	6.7388e+03	0.0000e+00	3.6637e+03
655	0.0000e+00	9.2851e+00	0.0000e+00	2.0654e+03	0.0000e+00	-6.7397e+02
	0.0000e+00	-8.3964e+01	0.0000e+00	3.7980e+03	0.0000e+00	-7.8586e+03
656	0.0000e+00	-4.3807e+00	0.0000e+00	1.4470e+03	0.0000e+00	2.3008e+02

	0.0000e+00	-1.9447e+00	0.0000e+00	2.0654e+03	0.0000e+00	-6.7397e+02
657	0.0000e+00	9.8361e-01	0.0000e+00	9.4109e+02	0.0000e+00	-5.9011e+01
	0.0000e+00	2.4577e+00	0.0000e+00	1.4470e+03	0.0000e+00	2.3008e+02
658	0.0000e+00	3.4955e+00	0.0000e+00	8.2776e+02	0.0000e+00	-6.3014e+02
	0.0000e+00	-7.6215e-01	0.0000e+00	9.4109e+02	0.0000e+00	-5.9011e+01
659	0.0000e+00	-7.6091e-01	0.0000e+00	9.2273e+02	0.0000e+00	5.4697e+01
	0.0000e+00	3.3507e+00	0.0000e+00	8.1795e+02	0.0000e+00	6.2341e+02
660	0.0000e+00	2.8710e+00	0.0000e+00	1.4106e+03	0.0000e+00	-2.4671e+02
	0.0000e+00	9.4436e-01	0.0000e+00	9.2273e+02	0.0000e+00	5.4697e+01
661	0.0000e+00	-2.5053e+00	0.0000e+00	2.0102e+03	0.0000e+00	6.6064e+02
	0.0000e+00	-4.5564e+00	0.0000e+00	1.4106e+03	0.0000e+00	-2.4671e+02
662	0.0000e+00	-8.1803e+01	0.0000e+00	3.6928e+03	0.0000e+00	7.6285e+03
	0.0000e+00	9.3206e+00	0.0000e+00	2.0102e+03	0.0000e+00	6.6064e+02
663	0.0000e+00	-1.3921e+02	0.0000e+00	6.5503e+03	0.0000e+00	-3.6126e+03
	0.0000e+00	5.1361e+01	0.0000e+00	3.6928e+03	0.0000e+00	7.6285e+03
664	0.0000e+00	-7.6996e+01	0.0000e+00	6.0055e+04	0.0000e+00	2.6718e+04
	0.0000e+00	-6.0357e+02	0.0000e+00	7.4359e+04	0.0000e+00	2.1872e+04
665	0.0000e+00	1.2973e+02	0.0000e+00	-1.8413e+04	0.0000e+00	-1.5186e+04
	0.0000e+00	2.9529e+02	0.0000e+00	-1.8372e+04	0.0000e+00	2.9935e+04
666	0.0000e+00	1.0848e+02	0.0000e+00	-4.6292e+03	0.0000e+00	-1.1764e+04
	0.0000e+00	4.2815e+01	0.0000e+00	-3.0853e+03	0.0000e+00	5.6697e+03
667	0.0000e+00	7.3780e+01	0.0000e+00	-4.4468e+03	0.0000e+00	-1.1025e+04
	0.0000e+00	6.0830e+01	0.0000e+00	-8.7468e+03	0.0000e+00	9.8941e+03
668	0.0000e+00	6.7330e+01	0.0000e+00	-5.8003e+03	0.0000e+00	-1.0212e+04
	0.0000e+00	4.5825e+01	0.0000e+00	-7.0598e+03	0.0000e+00	9.0563e+03
669	0.0000e+00	5.4350e+01	0.0000e+00	-6.8176e+03	0.0000e+00	-9.6246e+03
	0.0000e+00	6.0067e+01	0.0000e+00	-6.0533e+03	0.0000e+00	9.8322e+03
670	0.0000e+00	6.7926e+01	0.0000e+00	-8.7146e+03	0.0000e+00	-1.0348e+04
	0.0000e+00	6.4244e+01	0.0000e+00	-4.8523e+03	0.0000e+00	1.0422e+04
671	0.0000e+00	5.4466e+01	0.0000e+00	-2.3257e+03	0.0000e+00	-7.3979e+03
	0.0000e+00	1.0015e+02	0.0000e+00	-2.8733e+03	0.0000e+00	1.1232e+04
672	0.0000e+00	2.9503e+02	0.0000e+00	-1.2361e+04	0.0000e+00	-2.9342e+04
	0.0000e+00	1.1580e+02	0.0000e+00	-1.3908e+04	0.0000e+00	1.3290e+04
673	0.0000e+00	-6.0035e+02	0.0000e+00	7.4642e+04	0.0000e+00	-2.2730e+04
	0.0000e+00	-9.7072e+01	0.0000e+00	6.1019e+04	0.0000e+00	-2.7991e+04
2422	7.3786e-12	3.7669e+02	3.0450e-14	-1.7643e+02	-4.2576e-12	-7.1519e+04
	7.3786e-12	3.7669e+02	3.0450e-14	-1.7643e+02	2.4141e-12	7.9155e+04
2423	-7.2676e-12	2.6268e+02	-7.3351e-15	-1.3955e+02	8.0020e-16	-5.6988e+04
	-7.2676e-12	2.6268e+02	-7.3351e-15	-1.3955e+02	-7.3172e-16	5.8590e+04
2424	-1.1855e-11	5.9902e+02	-3.1029e-14	-1.1668e+02	-7.2819e-16	-8.3870e+04
	-1.1855e-11	5.9902e+02	-3.1029e-14	-1.1668e+02	1.6022e-12	8.3854e+04
2425	3.9660e-12	2.6197e+02	-8.8815e-16	-1.2267e+02	2.1494e-12	-5.8383e+04
	3.9660e-12	2.6197e+02	-8.8815e-16	-1.2267e+02	7.6169e-16	5.6884e+04
2426	1.5189e-11	4.0771e+02	-1.7759e-15	-1.1969e+02	1.1368e-13	-7.0411e+04
	1.5189e-11	4.0771e+02	-1.7759e-15	-1.1969e+02	2.2446e-13	7.2286e+04
2427	1.3946e-11	4.0771e+02	1.7702e-15	-1.1975e+02	-8.5932e-13	-7.2286e+04
	1.3946e-11	4.0771e+02	1.7702e-15	-1.1975e+02	-1.0444e-12	7.0411e+04
2428	4.1954e-12	2.6197e+02	-3.0805e-18	-1.2295e+02	1.0766e-12	-5.6885e+04
	4.1954e-12	2.6197e+02	-3.0805e-18	-1.2295e+02	-1.9835e-12	5.8383e+04
2429	-8.1099e-12	5.9901e+02	2.6719e-14	-1.1649e+02	1.1297e-15	-8.3853e+04
	-8.1099e-12	5.9901e+02	2.6719e-14	-1.1649e+02	1.2113e-15	8.3870e+04

2430	5.0113e-12	2.6267e+02	-3.9579e-15	-1.3573e+02	-4.5475e-13	-5.8589e+04
	5.0113e-12	2.6267e+02	-3.9579e-15	-1.3573e+02	4.5476e-13	5.6987e+04
2431	-8.4444e-12	3.7669e+02	3.0451e-14	-1.8060e+02	-1.8175e-12	-7.9157e+04
	-8.4444e-12	3.7669e+02	3.0451e-14	-1.8060e+02	1.8204e-12	7.1520e+04
2432	-9.4592e-12	3.8454e+02	3.0450e-14	-4.2825e+02	7.1150e-16	-7.3089e+04
	-9.4592e-12	3.8454e+02	3.0450e-14	-4.2825e+02	7.7686e-16	8.0725e+04
2433	6.9812e-12	2.6941e+02	1.1001e-18	-3.1648e+02	4.3022e-12	-5.8445e+04
	6.9812e-12	2.6941e+02	1.1001e-18	-3.1648e+02	3.9760e-12	6.0097e+04
2434	-1.4547e-11	6.1481e+02	-1.4216e-14	-3.3835e+02	-5.5970e-12	-8.6079e+04
	-1.4547e-11	6.1481e+02	-1.4216e-14	-3.3835e+02	-2.0255e-12	8.6067e+04
2435	8.1168e-12	2.6864e+02	3.5531e-15	3.2171e+02	-1.9871e-12	-5.9871e+04
	8.1168e-12	2.6864e+02	3.5531e-15	3.2171e+02	-1.8668e-12	5.8329e+04
2436	3.8970e-12	3.7859e+02	3.0450e-14	-2.4581e+02	7.1150e-16	-7.1963e+04
	3.8970e-12	3.7859e+02	3.0450e-14	-2.4581e+02	7.7686e-16	7.9473e+04
2437	-7.6903e-12	2.6658e+02	1.1028e-18	-3.0110e+02	6.2248e-16	-5.7823e+04
	-7.6903e-12	2.6658e+02	1.1028e-18	-3.0110e+02	-5.6024e-16	5.9474e+04
2438	-1.0926e-11	6.0717e+02	-3.1029e-14	2.7711e+02	4.9077e-12	-8.5009e+04
	-1.0926e-11	6.0717e+02	-3.1029e-14	2.7711e+02	6.2461e-12	8.4999e+04
2439	-8.8660e-12	2.6583e+02	3.0649e-18	-2.8315e+02	2.1494e-12	-5.9243e+04
	-8.8660e-12	2.6583e+02	3.0649e-18	-2.8315e+02	9.9320e-13	5.7721e+04
2440	8.1584e-12	4.1333e+02	-1.7759e-15	-2.7894e+02	-6.9860e-13	-7.1383e+04
	8.1584e-12	4.1333e+02	-1.7759e-15	-2.7894e+02	1.1581e-12	7.3284e+04
2441	1.7326e-11	4.1815e+02	3.2015e-18	-3.3195e+02	-2.2786e-13	-7.2212e+04
	1.7326e-11	4.1815e+02	3.2015e-18	-3.3195e+02	-4.1075e-13	7.4139e+04
2442	-1.6704e-11	4.1814e+02	-3.2310e-18	-3.3207e+02	-5.3172e-13	-7.4138e+04
	-1.6704e-11	4.1814e+02	-3.2310e-18	-3.3207e+02	-8.5608e-16	7.2212e+04
2443	8.1470e-12	2.6862e+02	7.7673e-15	3.2211e+02	-2.2737e-13	-5.8326e+04
	8.1470e-12	2.6862e+02	7.7673e-15	3.2211e+02	5.0994e-13	5.9869e+04
2444	-1.4515e-11	6.1476e+02	1.4229e-14	-3.3906e+02	3.2460e-12	-8.6059e+04
	-1.4515e-11	6.1476e+02	1.4229e-14	-3.3906e+02	-3.7399e-12	8.6073e+04
2445	7.0470e-12	2.6953e+02	7.1033e-15	-3.1460e+02	1.8179e-12	-6.0123e+04
	7.0470e-12	2.6953e+02	7.1033e-15	-3.1460e+02	-1.9459e-12	5.8471e+04
2446	8.3858e-12	3.8450e+02	-7.4288e-19	-4.2688e+02	9.1704e-16	-8.0720e+04
	8.3858e-12	3.8450e+02	-7.4288e-19	-4.2688e+02	7.1198e-16	7.3080e+04
2447	1.0726e-11	4.1333e+02	-1.7768e-15	-2.7891e+02	-1.0213e-12	-7.3284e+04
	1.0726e-11	4.1333e+02	-1.7768e-15	-2.7891e+02	-9.9311e-13	7.1383e+04
2448	4.5977e-12	2.6583e+02	7.7673e-15	-2.8312e+02	7.6198e-16	-5.7720e+04
	4.5977e-12	2.6583e+02	7.7673e-15	-2.8312e+02	-8.0119e-13	5.9243e+04
2449	7.1482e-12	6.0716e+02	-3.1043e-14	2.7695e+02	-1.5973e-12	-8.4998e+04
	7.1482e-12	6.0716e+02	-3.1043e-14	2.7695e+02	-8.8270e-16	8.5008e+04
2450	4.1403e-12	2.6659e+02	-1.0935e-14	-3.0067e+02	-2.7983e-12	-5.9475e+04
	4.1403e-12	2.6659e+02	-1.0935e-14	-3.0067e+02	6.1974e-16	5.7825e+04
2451	7.0215e-12	3.7863e+02	-7.4288e-19	-2.5045e+02	-2.6529e-12	-7.9482e+04
	7.0215e-12	3.7863e+02	-7.4288e-19	-2.5045e+02	7.1198e-16	7.1970e+04
2452	-9.6811e-16	-6.6656e+01	-5.0999e-14	-1.0994e+03	6.8457e-12	1.2062e+04
	-9.6811e-16	-6.6656e+01	-5.0999e-14	-1.0994e+03	-2.9027e-12	-1.7009e+04
2453	-7.8158e-16	1.2306e+02	-7.7559e-14	1.5348e+03	2.5379e-11	-2.1025e+04
	-7.8158e-16	1.2306e+02	-7.7559e-14	1.5348e+03	2.8414e-11	1.6398e+04
2454	-4.7772e-16	-5.9699e+01	3.2396e-14	-9.4758e+02	1.3449e-11	1.1144e+04
	-4.7772e-16	-5.9699e+01	3.2396e-14	-9.4758e+02	-7.0517e-12	-1.4885e+04
2455	-5.2493e-16	-8.8654e+01	-1.2697e-13	1.3067e+03	-2.6669e-11	1.5635e+04

-5.2493e-16 -8.8654e+01 -1.2697e-13 1.3067e+03 -2.8944e-11 -1.1316e+04

2456 1.3369e-15 -4.2245e+01 -5.3466e-14 -9.0434e+02 7.8992e-12 7.8220e+03
1.3369e-15 -4.2245e+01 -5.3466e-14 -9.0434e+02 -3.2262e-12 -1.0597e+04

2457 -9.5305e-17 -6.4071e+01 -7.7559e-14 1.1681e+03 2.5379e-11 1.1266e+04
-9.5305e-17 -6.4071e+01 -7.7559e-14 1.1681e+03 2.8414e-11 -8.2115e+03

2458 9.1002e-13 -3.0829e+01 -3.2568e-14 -9.0035e+02 1.4650e-12 5.7151e+03
9.1002e-13 -3.0829e+01 -3.2568e-14 -9.0035e+02 6.2852e-12 -7.7264e+03

2459 1.9887e-16 -4.7688e+01 -5.0548e-14 1.1788e+03 2.7846e-11 8.3762e+03
1.9887e-16 -4.7688e+01 -5.0548e-14 1.1788e+03 2.7465e-11 -6.1211e+03

2460 4.5232e-13 -1.3722e+01 -5.1015e-14 -9.7749e+02 7.8976e-12 2.5291e+03
4.5232e-13 -1.3722e+01 -5.1015e-14 -9.7749e+02 -3.2870e-12 -3.4538e+03

2461 6.6010e-16 2.1167e+01 -8.2589e-14 1.2588e+03 -3.2087e-11 -3.7155e+03
6.6010e-16 2.1167e+01 -8.2589e-14 1.2588e+03 2.7930e-11 2.7195e+03

2462 1.2196e-15 6.8382e-02 2.4760e-14 -9.0292e+02 -1.4665e-11 -1.4965e+01
1.2196e-15 6.8382e-02 2.4760e-14 -9.0292e+02 -8.6556e-12 1.4670e+01

2463 -5.8292e-16 -6.0624e-02 -1.1379e-13 1.1834e+03 -2.6860e-11 1.5219e+01
-5.8292e-16 -6.0624e-02 -1.1379e-13 1.1834e+03 -2.8955e-11 -9.1656e+00

2464 1.2583e-15 1.3625e+01 2.9859e-14 -9.7771e+02 1.4442e-11 -2.5096e+03
1.2583e-15 1.3625e+01 2.9859e-14 -9.7771e+02 -7.5162e-12 3.4309e+03

2465 -5.8914e-16 -2.1212e+01 -4.7256e-14 1.2585e+03 3.1190e-11 3.7178e+03
-5.8914e-16 -2.1212e+01 -4.7256e-14 1.2585e+03 2.7134e-11 -2.7309e+03

2466 -9.2096e-16 3.0694e+01 5.0557e-14 -9.0060e+02 1.0632e-11 -5.6872e+03
-9.2096e-16 3.0694e+01 5.0557e-14 -9.0060e+02 -5.2233e-12 7.6957e+03

2467 -1.9851e-16 4.7734e+01 -5.0548e-14 1.1782e+03 2.7846e-11 -8.3779e+03
-1.9851e-16 4.7734e+01 -5.0548e-14 1.1782e+03 2.7465e-11 6.1334e+03

2468 4.2745e-12 4.2093e+01 2.0401e-14 -9.0441e+02 -1.3894e-11 -7.7883e+03
4.2745e-12 4.2093e+01 2.0401e-14 -9.0441e+02 -9.8340e-12 1.0565e+04

2469 -5.1493e-12 6.4149e+01 1.8270e-13 1.1683e+03 2.4246e-11 -1.1273e+04
-5.1493e-12 6.4149e+01 1.8270e-13 1.1683e+03 -3.1270e-11 8.2287e+03

2470 3.5569e-12 5.9883e+01 5.3177e-14 -9.4765e+02 8.6401e-12 -1.1179e+04
3.5569e-12 5.9883e+01 5.3177e-14 -9.4765e+02 -3.4547e-12 1.4930e+04

2471 -7.1020e-16 8.8748e+01 -1.0784e-13 1.3015e+03 -2.4470e-11 -1.5657e+04
-7.1020e-16 8.8748e+01 -1.0784e-13 1.3015e+03 -2.8926e-11 1.1323e+04

2472 3.6398e-12 6.7002e+01 2.9859e-14 -1.1028e+03 1.4442e-11 -1.2142e+04
3.6398e-12 6.7002e+01 2.9859e-14 -1.1028e+03 -7.7783e-12 1.7078e+04

2473 1.2260e-15 -1.2232e+02 -7.8937e-14 1.5303e+03 2.4642e-11 2.0931e+04
1.2260e-15 -1.2232e+02 -7.8937e-14 1.5303e+03 2.8593e-11 -1.6267e+04

2474 3.8536e+02 -1.1388e+02 5.7605e+02 1.1939e+03 -1.6619e+05 2.6923e+04
3.8536e+02 -1.1388e+02 5.7605e+02 1.1939e+03 7.7495e+04 -2.1246e+04

2475 3.8250e+02 1.4061e+02 5.7009e+02 1.1939e+03 -1.6321e+05 -3.1117e+04
3.8250e+02 1.4061e+02 5.7009e+02 1.1939e+03 7.7936e+04 2.8360e+04

2476 -1.2724e+02 1.0970e+02 7.5788e+02 1.1939e+03 -1.9196e+05 -2.3988e+04
-1.2724e+02 1.0970e+02 7.5788e+02 1.1939e+03 1.2862e+05 2.2417e+04

2477 -3.3953e+02 8.3980e+01 7.7742e+02 1.1939e+03 -1.9919e+05 -1.9817e+04
-3.3953e+02 8.3980e+01 7.7742e+02 1.1939e+03 1.2966e+05 1.5706e+04

2478 3.3087e+02 7.8066e+01 7.9564e+02 1.1939e+03 -1.9702e+05 -1.7014e+04
3.3087e+02 7.8066e+01 7.9564e+02 1.1939e+03 1.3954e+05 1.6009e+04

2479 -3.4415e+02 5.7863e+01 7.9537e+02 1.1939e+03 -1.9698e+05 -1.2637e+04
-3.4415e+02 5.7863e+01 7.9537e+02 1.1939e+03 1.3947e+05 1.1839e+04

2480 -3.2598e+02 -4.3222e+01 8.3228e+02 1.1939e+03 -2.0815e+05 1.0572e+04
-3.2598e+02 -4.3222e+01 8.3228e+02 1.1939e+03 1.4391e+05 7.7123e+03

2481	3.7391e+02	6.0022e+01	8.3281e+02	1.1939e+03	-2.0827e+05	-1.4773e+04
	3.7391e+02	6.0022e+01	8.3281e+02	1.1939e+03	1.4401e+05	1.0618e+04
2482	-2.8392e+02	8.2692e+01	7.9394e+02	1.1939e+03	-2.0306e+05	-2.0205e+04
	-2.8392e+02	8.2692e+01	7.9394e+02	1.1939e+03	1.3278e+05	1.4774e+04
2483	6.7044e+02	9.9433e+01	5.9401e+02	1.1939e+03	-1.7085e+05	-2.4635e+04
	6.7044e+02	9.9433e+01	5.9401e+02	1.1939e+03	8.0436e+04	1.7431e+04
2484	3.6804e+02	5.9727e+01	8.1653e+02	1.1939e+03	-2.0446e+05	-1.4023e+04
	3.6804e+02	5.9727e+01	8.1653e+02	1.1939e+03	1.4094e+05	1.1242e+04
2485	-3.2642e+02	4.4771e+01	8.1599e+02	1.1939e+03	-2.0433e+05	-1.0556e+04
	-3.2642e+02	4.4771e+01	8.1599e+02	1.1939e+03	1.4084e+05	8.3826e+03
2486	1.4464e+02	2.5550e+01	7.6007e+02	1.1939e+03	-1.9225e+05	-5.5659e+03
	1.4464e+02	2.5550e+01	7.6007e+02	1.1939e+03	1.2926e+05	5.2420e+03
2487	-5.8261e+00	-1.2339e-01	8.3272e+02	1.1939e+03	-2.0831e+05	3.6552e+01
	-5.8261e+00	-1.2339e-01	8.3272e+02	1.1939e+03	1.4393e+05	-1.5011e+01
2488	1.5440e+02	-1.9743e+01	7.8177e+02	1.1939e+03	-1.9999e+05	4.6402e+03
	1.5440e+02	-1.9743e+01	7.8177e+02	1.1939e+03	1.3070e+05	3.7112e+03
2489	-1.6162e-01	1.1579e-01	7.9594e+02	1.1939e+03	-1.9716e+05	-2.5197e+01
	-1.6162e-01	1.1579e-01	7.9594e+02	1.1939e+03	1.3952e+05	-2.3464e+01
2490	1.4783e+02	1.9679e+01	7.9727e+02	1.1939e+03	-2.0366e+05	-4.8602e+03
	1.4783e+02	1.9679e+01	7.9727e+02	1.1939e+03	1.3359e+05	3.4649e+03
2491	-1.5291e+02	-1.9527e+01	7.9726e+02	1.1939e+03	-2.0366e+05	4.8192e+03
	-1.5291e+02	-1.9527e+01	7.9726e+02	1.1939e+03	1.3358e+05	-3.4417e+03
2492	-4.2852e-01	8.4092e-02	8.1660e+02	1.1939e+03	-2.0454e+05	-2.0290e+01
	-4.2852e-01	8.4092e-02	8.1660e+02	1.1939e+03	1.4089e+05	1.5178e+01
2493	-1.4483e+02	-2.5516e+01	7.6007e+02	1.1939e+03	-1.9225e+05	5.5612e+03
	-1.4483e+02	-2.5516e+01	7.6007e+02	1.1939e+03	1.2926e+05	-5.2321e+03
2494	-1.5490e+02	1.9750e+01	7.8177e+02	1.1939e+03	-1.9999e+05	-4.6410e+03
	-1.5490e+02	1.9750e+01	7.8177e+02	1.1939e+03	1.3070e+05	3.7135e+03
2495	3.1607e+02	4.3022e+01	8.3222e+02	1.1939e+03	-2.0814e+05	-1.0519e+04
	3.1607e+02	4.3022e+01	8.3222e+02	1.1939e+03	1.4390e+05	-7.6809e+03
2496	3.4391e+02	-5.7811e+01	7.9537e+02	1.1939e+03	-1.9698e+05	1.2629e+04
	3.4391e+02	-5.7811e+01	7.9537e+02	1.1939e+03	1.3946e+05	-1.1825e+04
2497	3.2556e+02	-4.4775e+01	8.1599e+02	1.1939e+03	-2.0433e+05	1.0556e+04
	3.2556e+02	-4.4775e+01	8.1599e+02	1.1939e+03	1.4084e+05	-8.3844e+03
2498	-3.8334e+02	-5.9858e+01	8.3290e+02	1.1939e+03	-2.0830e+05	1.4733e+04
	-3.8334e+02	-5.9858e+01	8.3290e+02	1.1939e+03	1.4402e+05	-1.0588e+04
2499	-3.3116e+02	-7.8017e+01	7.9564e+02	1.1939e+03	-1.9702e+05	1.7006e+04
	-3.3116e+02	-7.8017e+01	7.9564e+02	1.1939e+03	1.3954e+05	-1.5996e+04
2500	-3.6962e+02	-5.9762e+01	8.1654e+02	1.1939e+03	-2.0446e+05	1.4031e+04
	-3.6962e+02	-5.9762e+01	8.1654e+02	1.1939e+03	1.4094e+05	-1.1249e+04
2501	3.2189e+02	-8.2978e+01	7.9400e+02	1.1939e+03	-2.0307e+05	2.0281e+04
	3.2189e+02	-8.2978e+01	7.9400e+02	1.1939e+03	1.3279e+05	-1.4819e+04
2502	1.2743e+02	-1.0982e+02	7.5788e+02	1.1939e+03	-1.9196e+05	2.4005e+04
	1.2743e+02	-1.0982e+02	7.5788e+02	1.1939e+03	1.2863e+05	-2.2449e+04
2503	3.2625e+02	-8.4058e+01	7.7746e+02	1.1939e+03	-1.9920e+05	1.9835e+04
	3.2625e+02	-8.4058e+01	7.7746e+02	1.1939e+03	1.2967e+05	-1.5721e+04
2504	-6.4493e+02	-9.9841e+01	5.9390e+02	1.1939e+03	-1.7083e+05	2.4738e+04
	-6.4493e+02	-9.9841e+01	5.9390e+02	1.1939e+03	8.0411e+04	-1.7500e+04
2505	-3.8207e+02	-1.4047e+02	5.7009e+02	1.1939e+03	-1.6321e+05	3.1085e+04
	-3.8207e+02	-1.4047e+02	5.7009e+02	1.1939e+03	7.7934e+04	-2.8335e+04
2506	-3.6564e+02	1.1347e+02	5.7608e+02	1.1939e+03	-1.6620e+05	-2.6837e+04

	-3.6564e+02	1.1347e+02	5.7608e+02	1.1939e+03	7.7496e+04	2.1159e+04
2530	0.0000e+00	-1.6386e+01	0.0000e+00	1.1602e+03	0.0000e+00	1.8624e+03
	0.0000e+00	-1.6386e+01	0.0000e+00	1.1602e+03	0.0000e+00	1.2062e+03
	0.0000e+00	-2.8321e+01	0.0000e+00	1.7931e+03	0.0000e+00	4.3226e+03
	0.0000e+00	-2.8321e+01	0.0000e+00	1.7931e+03	0.0000e+00	-7.7354e+03
2531	0.0000e+00	2.0077e+01	0.0000e+00	1.1855e+03	0.0000e+00	-9.0315e+02
	0.0000e+00	2.0077e+01	0.0000e+00	1.1855e+03	0.0000e+00	-1.4223e+02
	0.0000e+00	5.9288e+00	0.0000e+00	3.6842e+02	0.0000e+00	-6.3464e+02
	0.0000e+00	5.9288e+00	0.0000e+00	3.6842e+02	0.0000e+00	1.5122e+03
2532	0.0000e+00	-1.1444e+01	0.0000e+00	1.2435e+03	0.0000e+00	7.3084e+02
	0.0000e+00	-1.1444e+01	0.0000e+00	1.2435e+03	0.0000e+00	2.2641e+02
	0.0000e+00	-7.1536e+00	0.0000e+00	5.1785e+02	0.0000e+00	9.4852e+02
	0.0000e+00	-7.1536e+00	0.0000e+00	5.1785e+02	0.0000e+00	-1.7265e+03
2533	0.0000e+00	8.6042e+00	0.0000e+00	1.2436e+03	0.0000e+00	-8.4127e+02
	0.0000e+00	8.6042e+00	0.0000e+00	1.2436e+03	0.0000e+00	-4.6774e+02
	0.0000e+00	1.4212e+01	0.0000e+00	5.2515e+02	0.0000e+00	-1.9639e+03
	0.0000e+00	1.4212e+01	0.0000e+00	5.2515e+02	0.0000e+00	3.0142e+03
2534	0.0000e+00	-3.3709e+00	0.0000e+00	1.3176e+03	0.0000e+00	2.7738e+02
	0.0000e+00	-3.3709e+00	0.0000e+00	1.3176e+03	0.0000e+00	1.3294e+02
	0.0000e+00	-3.8230e+00	0.0000e+00	3.5701e+02	0.0000e+00	5.4863e+02
	0.0000e+00	-3.8230e+00	0.0000e+00	3.5701e+02	0.0000e+00	-8.6316e+02
2535	0.0000e+00	-2.7128e-01	0.0000e+00	1.2561e+03	0.0000e+00	-9.6544e+00
	0.0000e+00	-2.7128e-01	0.0000e+00	1.2561e+03	0.0000e+00	-2.1965e+01
	0.0000e+00	1.1096e+00	0.0000e+00	4.7110e+02	0.0000e+00	-9.0822e+01
	0.0000e+00	1.1096e+00	0.0000e+00	4.7110e+02	0.0000e+00	2.9643e+02
2536	0.0000e+00	3.0224e+00	0.0000e+00	1.3178e+03	0.0000e+00	-2.8910e+02
	0.0000e+00	3.0224e+00	0.0000e+00	1.3178e+03	0.0000e+00	-1.6380e+02
	0.0000e+00	5.2746e+00	0.0000e+00	3.5678e+02	0.0000e+00	-6.7510e+02
	0.0000e+00	5.2746e+00	0.0000e+00	3.5678e+02	0.0000e+00	1.2117e+03
2537	0.0000e+00	-8.5514e+00	0.0000e+00	1.2446e+03	0.0000e+00	8.4058e+02
	0.0000e+00	-8.5514e+00	0.0000e+00	1.2446e+03	0.0000e+00	4.6585e+02
	0.0000e+00	-1.4281e+01	0.0000e+00	5.2263e+02	0.0000e+00	1.9547e+03
	0.0000e+00	-1.4281e+01	0.0000e+00	5.2263e+02	0.0000e+00	-3.0670e+03
2538	0.0000e+00	1.1260e+01	0.0000e+00	1.2382e+03	0.0000e+00	-7.1472e+02
	0.0000e+00	1.1260e+01	0.0000e+00	1.2382e+03	0.0000e+00	-2.2033e+02
	0.0000e+00	7.2068e+00	0.0000e+00	5.1988e+02	0.0000e+00	-9.1753e+02
	0.0000e+00	7.2068e+00	0.0000e+00	5.1988e+02	0.0000e+00	1.7553e+03
2539	0.0000e+00	-2.0490e+01	0.0000e+00	1.1835e+03	0.0000e+00	8.9661e+02
	0.0000e+00	-2.0490e+01	0.0000e+00	1.1835e+03	0.0000e+00	1.8387e+02
	0.0000e+00	-8.7819e+00	0.0000e+00	3.7282e+02	0.0000e+00	8.0346e+02
	0.0000e+00	-8.7819e+00	0.0000e+00	3.7282e+02	0.0000e+00	-2.3257e+03
2540	0.0000e+00	1.6732e+01	0.0000e+00	1.1678e+03	0.0000e+00	-1.8558e+03
	0.0000e+00	1.6732e+01	0.0000e+00	1.1678e+03	0.0000e+00	-1.1884e+03
	0.0000e+00	2.7461e+01	0.0000e+00	1.8318e+03	0.0000e+00	-4.2550e+03
	0.0000e+00	2.7461e+01	0.0000e+00	1.8318e+03	0.0000e+00	7.7416e+03

Condizione "(1) Dinamica SLOh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-2.9827e+02	0.0000e+00	2.4516e+00	0.0000e+00	1.7890e+04
	0.0000e+00	-2.9827e+02	0.0000e+00	2.4516e+00	0.0000e+00	-3.7889e+04
630	0.0000e+00	-2.2153e+02	0.0000e+00	4.3383e+02	0.0000e+00	1.2103e+04
	0.0000e+00	-2.2153e+02	0.0000e+00	4.3383e+02	0.0000e+00	-2.9328e+04

631	0.0000e+00	-2.2124e+02	0.0000e+00	-3.8647e+02	0.0000e+00	1.2079e+04
	0.0000e+00	-2.2124e+02	0.0000e+00	-3.8647e+02	0.0000e+00	-2.9296e+04
632	-2.9107e+02	3.5797e+02	-1.4495e+00	2.1190e+01	1.6809e+02	-4.4030e+04
	-2.9107e+02	3.5797e+02	-1.4495e+00	2.1190e+01	-1.7080e+01	2.1828e-11
633	-3.5311e+02	4.5791e+02	-5.6883e-01	2.1752e+01	8.8422e+01	-5.6323e+04
	-3.5311e+02	4.5791e+02	-5.6883e-01	2.1752e+01	-1.7532e+01	-3.4171e-10
634	-4.2383e+02	5.3472e+02	8.3262e-01	2.0811e+01	-1.1952e+02	-6.5771e+04
	-4.2383e+02	5.3472e+02	8.3262e-01	2.0811e+01	-1.6774e+01	3.5305e-10
635	-4.6510e+02	5.8584e+02	-7.5081e-01	2.1677e+01	1.1053e+02	-7.2059e+04
	-4.6510e+02	5.8584e+02	-7.5081e-01	2.1677e+01	-1.7472e+01	8.1045e-10
636	-5.3352e+02	6.7516e+02	9.2787e-01	2.0825e+01	-1.3124e+02	-8.3045e+04
	-5.3352e+02	6.7516e+02	9.2787e-01	2.0825e+01	-1.6785e+01	-4.7317e-10
637	-5.3130e+02	6.6684e+02	9.2714e-01	2.1032e+01	-1.3107e+02	-8.2021e+04
	-5.3130e+02	6.6684e+02	9.2714e-01	2.1032e+01	-1.6953e+01	-4.6793e-10
638	-5.3878e+02	6.8184e+02	9.0918e-01	2.1183e+01	-1.2890e+02	-8.3866e+04
	-5.3878e+02	6.8184e+02	9.0918e-01	2.1183e+01	-1.7074e+01	-2.4721e-10
639	-4.6905e+02	5.9121e+02	8.9156e-01	2.0487e+01	-1.2785e+02	-7.2719e+04
	-4.6905e+02	5.9121e+02	8.9156e-01	2.0487e+01	-1.6513e+01	-3.7225e-10
640	-4.3561e+02	5.4974e+02	8.5489e-01	2.1041e+01	-1.2212e+02	-6.7618e+04
	-4.3561e+02	5.4974e+02	8.5489e-01	2.1041e+01	-1.6959e+01	2.3093e-10
641	-3.5664e+02	4.5653e+02	7.1985e-01	2.0529e+01	-1.0734e+02	-5.6153e+04
	-3.5664e+02	4.5653e+02	7.1985e-01	2.0529e+01	-1.6547e+01	1.5901e-10
642	-3.2206e+02	4.0142e+02	1.8505e+00	-1.6141e+01	-2.0713e+02	-4.9375e+04
	-3.2206e+02	4.0142e+02	1.8505e+00	-1.6141e+01	1.3010e+01	6.8112e-11
654	0.0000e+00	5.3674e+01	0.0000e+00	6.0203e+03	0.0000e+00	3.8853e+03
	0.0000e+00	-2.3414e+02	0.0000e+00	1.2103e+04	0.0000e+00	-4.3383e+02
655	0.0000e+00	-4.4324e+01	0.0000e+00	1.6925e+03	0.0000e+00	2.7737e+03
	0.0000e+00	4.3751e+01	0.0000e+00	6.0203e+03	0.0000e+00	3.8853e+03
656	0.0000e+00	-4.2592e+01	0.0000e+00	-5.9294e+02	0.0000e+00	2.8376e+03
	0.0000e+00	4.1173e+01	0.0000e+00	1.6925e+03	0.0000e+00	2.7737e+03
657	0.0000e+00	-5.6566e+01	0.0000e+00	-4.5365e+03	0.0000e+00	4.4398e+03
	0.0000e+00	5.0386e+01	0.0000e+00	-5.9294e+02	0.0000e+00	2.8376e+03
658	0.0000e+00	1.5903e+02	0.0000e+00	-8.9437e+03	0.0000e+00	-1.3936e+04
	0.0000e+00	5.6595e+01	0.0000e+00	-4.5365e+03	0.0000e+00	4.4398e+03
659	0.0000e+00	-5.7068e+01	0.0000e+00	4.5396e+03	0.0000e+00	4.4783e+03
	0.0000e+00	-1.5905e+02	0.0000e+00	8.9465e+03	0.0000e+00	-1.3937e+04
660	0.0000e+00	-5.0655e+01	0.0000e+00	5.9641e+02	0.0000e+00	2.8422e+03
	0.0000e+00	5.7111e+01	0.0000e+00	4.5396e+03	0.0000e+00	4.4783e+03
661	0.0000e+00	-4.1710e+01	0.0000e+00	-1.6845e+03	0.0000e+00	2.7714e+03
	0.0000e+00	4.2998e+01	0.0000e+00	5.9641e+02	0.0000e+00	2.8422e+03
662	0.0000e+00	-5.0415e+01	0.0000e+00	-6.0065e+03	0.0000e+00	4.3424e+03
	0.0000e+00	4.5953e+01	0.0000e+00	-1.6845e+03	0.0000e+00	2.7714e+03
663	0.0000e+00	2.3370e+02	0.0000e+00	-1.2079e+04	0.0000e+00	-3.8647e+02
	0.0000e+00	5.8342e+01	0.0000e+00	-6.0065e+03	0.0000e+00	4.3424e+03
664	0.0000e+00	-2.4647e+02	0.0000e+00	2.0279e+04	0.0000e+00	1.1107e+04
	0.0000e+00	3.5872e+02	0.0000e+00	-2.6890e+04	0.0000e+00	1.2014e+03
665	0.0000e+00	-2.6443e+02	0.0000e+00	3.6658e+04	0.0000e+00	1.6250e+04
	0.0000e+00	1.8551e+02	0.0000e+00	-1.6851e+04	0.0000e+00	1.1043e+04
666	0.0000e+00	-2.5282e+02	0.0000e+00	2.8375e+04	0.0000e+00	1.7012e+04
	0.0000e+00	2.4094e+02	0.0000e+00	-9.0705e+03	0.0000e+00	1.5975e+04
667	0.0000e+00	-3.1454e+02	0.0000e+00	3.8401e+04	0.0000e+00	2.0065e+04

	0.0000e+00	2.9795e+02	0.0000e+00	-2.2368e+04	0.0000e+00	1.7115e+04
668	0.0000e+00	-3.1188e+02	0.0000e+00	2.9748e+04	0.0000e+00	1.8282e+04
	0.0000e+00	3.1045e+02	0.0000e+00	-2.1416e+04	0.0000e+00	1.9891e+04
669	0.0000e+00	-3.1323e+02	0.0000e+00	2.2591e+04	0.0000e+00	2.0159e+04
	0.0000e+00	3.1195e+02	0.0000e+00	-2.8736e+04	0.0000e+00	1.8249e+04
670	0.0000e+00	-3.0104e+02	0.0000e+00	2.3487e+04	0.0000e+00	1.7226e+04
	0.0000e+00	3.1760e+02	0.0000e+00	-3.7866e+04	0.0000e+00	2.0272e+04
671	0.0000e+00	-2.4791e+02	0.0000e+00	1.0434e+04	0.0000e+00	1.6591e+04
	0.0000e+00	2.5490e+02	0.0000e+00	-2.7531e+04	0.0000e+00	1.7061e+04
672	0.0000e+00	-1.8391e+02	0.0000e+00	1.8221e+04	0.0000e+00	1.0687e+04
	0.0000e+00	2.7088e+02	0.0000e+00	-3.6538e+04	0.0000e+00	1.6817e+04
673	0.0000e+00	-3.9245e+02	0.0000e+00	3.1231e+04	0.0000e+00	1.3012e+03
	0.0000e+00	2.5406e+02	0.0000e+00	-1.7980e+04	0.0000e+00	1.0715e+04
2422	-5.4970e-16	-6.6579e-01	7.8787e-14	-2.7051e+02	5.8617e-12	1.2878e+02
	-5.4970e-16	-6.6579e-01	7.8787e-14	-2.7051e+02	1.1909e-11	-1.3785e+02
2423	-4.4838e-15	-2.8163e-01	1.9678e-15	6.4135e+01	-6.9138e-12	6.9965e+01
	-4.4838e-15	-2.8163e-01	1.9678e-15	6.4135e+01	-6.0351e-12	-5.3774e+01
2424	6.2244e-15	-1.9138e-01	-1.4610e-13	8.2493e+00	-5.3105e-12	1.1300e+01
	6.2244e-15	-1.9138e-01	-1.4610e-13	8.2493e+00	-2.5730e-12	-4.2328e+01
2425	2.2966e-15	1.3281e-01	-5.1952e-14	-4.1220e+01	-1.1412e-11	-2.9287e+01
	2.2966e-15	1.3281e-01	-5.1952e-14	-4.1220e+01	-1.5361e-12	2.8244e+01
2426	1.3679e-15	-2.0419e-01	1.0215e-13	-1.5440e+01	-5.1566e-12	3.3671e+01
	1.3679e-15	-2.0419e-01	1.0215e-13	-1.5440e+01	-2.4427e-11	-3.7774e+01
2427	-3.5309e-15	-9.1179e-02	-1.0210e-13	1.4901e+01	-2.4436e-11	1.8092e+01
	-3.5309e-15	-9.1179e-02	-1.0210e-13	1.4901e+01	-5.1468e-12	-1.3430e+01
2428	-2.3861e-15	-2.7002e-01	5.1940e-14	4.0782e+01	-1.5291e-12	6.3948e+01
	-2.3861e-15	-2.7002e-01	5.1940e-14	4.0782e+01	-1.1422e-11	-5.4825e+01
2429	7.6238e-15	-1.8225e-01	1.4646e-13	-8.4976e+00	-2.6172e-12	-1.7860e+01
	7.6238e-15	-1.8225e-01	1.4646e-13	-8.4976e+00	-5.2582e-12	-4.3048e+01
2430	-8.0197e-16	1.3035e-01	-2.0246e-15	-6.4628e+01	-6.0296e-12	-2.7698e+01
	-8.0197e-16	1.3035e-01	-2.0246e-15	-6.4628e+01	-6.9194e-12	2.7259e+01
2431	1.4446e-15	1.7775e-01	-7.8788e-14	2.7020e+02	1.1903e-11	-3.7752e+01
	1.4446e-15	1.7775e-01	-7.8788e-14	2.7020e+02	5.8672e-12	3.4574e+01
2432	7.2218e-16	5.3127e+00	7.8674e-14	-2.3383e+02	5.8763e-12	-9.6703e+02
	7.2218e-16	5.3127e+00	7.8674e-14	-2.3383e+02	1.1894e-11	1.1580e+03
2433	1.3383e-15	-1.6278e+00	1.9986e-15	-4.0261e+01	-6.9078e-12	3.3810e+02
	1.3383e-15	-1.6278e+00	1.9986e-15	-4.0261e+01	-6.0393e-12	-3.7830e+02
2434	-7.5947e-15	4.5397e-01	-1.4613e-13	-5.0433e+00	-5.3032e-12	-5.6898e+00
	-7.5947e-15	4.5397e-01	-1.4613e-13	-5.0433e+00	-2.5782e-12	1.0514e+02
2435	7.1342e-15	2.8918e-01	-5.1951e-14	1.6366e+01	-1.1417e-11	-4.4327e+01
	7.1342e-15	2.8918e-01	-5.1951e-14	1.6366e+01	-1.5345e-12	8.6357e+01
2436	7.6496e-15	-5.4430e+00	7.8674e-14	-2.4808e+02	5.8763e-12	9.9332e+02
	7.6496e-15	-5.4430e+00	7.8674e-14	-2.4808e+02	1.1894e-11	-1.1839e+03
2437	-2.4996e-15	1.6897e+00	2.0371e-15	1.6805e+01	-6.9227e-12	-3.5980e+02
	-2.4996e-15	1.6897e+00	2.0371e-15	1.6805e+01	-6.0262e-12	3.8368e+02
2438	-7.4124e-15	3.3761e-02	-1.4608e-13	4.5991e+00	-5.3213e-12	7.6039e+01
	-7.4124e-15	3.3761e-02	-1.4608e-13	4.5991e+00	-2.5650e-12	4.1587e+01
2439	4.5609e-15	-1.1083e+00	-5.2010e-14	-1.6662e+01	-1.1400e-11	2.1027e+02
	4.5609e-15	-1.1083e+00	-5.2010e-14	-1.6662e+01	-1.5476e-12	-2.7735e+02
2440	8.0496e-15	-3.5074e-01	1.0215e-13	3.3036e+01	-5.1553e-12	8.4140e+01
	8.0496e-15	-3.5074e-01	1.0215e-13	3.3036e+01	-2.4429e-11	-3.5582e+01

2441	3.0546e-15	-1.1294e+00	1.0201e-13	1.7548e+00	-5.1313e-12	1.8640e+02
	3.0546e-15	-1.1294e+00	1.0201e-13	1.7548e+00	-2.4453e-11	-2.0886e+02
2442	1.7745e-15	7.0757e-01	-1.0206e-13	-2.1124e+00	-2.4444e-11	-1.3386e+02
	1.7745e-15	7.0757e-01	-1.0206e-13	-2.1124e+00	-5.1395e-12	1.1380e+02
2443	7.1941e-15	-5.9089e-01	5.1947e-14	-1.7434e+01	-1.5341e-12	1.5113e+02
	7.1941e-15	-5.9089e-01	5.1947e-14	-1.7434e+01	-1.1415e-11	-1.1050e+02
2444	7.5158e-15	-3.2924e-01	1.4628e-13	3.8943e+00	-2.5863e-12	5.1669e+01
	7.5158e-15	-3.2924e-01	1.4628e-13	3.8943e+00	-5.2811e-12	-6.7660e+01
2445	1.1309e-15	1.3550e+00	-2.0313e-15	3.9022e+01	-6.0278e-12	-3.1669e+02
	1.1309e-15	1.3550e+00	-2.0313e-15	3.9022e+01	-6.9185e-12	2.7985e+02
2446	1.5099e-15	-5.7282e+00	-7.8711e-14	2.3295e+02	1.1894e-11	1.2454e+03
	1.5099e-15	-5.7282e+00	-7.8711e-14	2.3295e+02	5.8760e-12	-1.0459e+03
2447	-3.9101e-15	1.7348e-01	-1.0196e-13	-3.3861e+01	-2.4462e-11	1.6752e+01
	-3.9101e-15	1.7348e-01	-1.0196e-13	-3.3861e+01	-5.1218e-12	3.4885e+01
2448	3.6979e-15	7.7498e-01	5.1931e-14	1.5788e+01	-1.5299e-12	-2.0514e+02
	3.6979e-15	7.7498e-01	5.1931e-14	1.5788e+01	-1.1419e-11	1.3567e+02
2449	-4.9906e-15	-3.3643e-01	1.4658e-13	-3.7349e+00	-2.6214e-12	1.0031e+02
	-4.9906e-15	-3.3643e-01	1.4658e-13	-3.7349e+00	-5.2460e-12	3.8960e+01
2450	-1.0484e-15	-2.0103e+00	-2.0976e-15	-1.5991e+01	-6.0127e-12	4.5504e+02
	-1.0484e-15	-2.0103e+00	-2.0976e-15	-1.5991e+01	-6.9338e-12	-4.2948e+02
2451	7.5328e-16	4.9592e+00	-7.8711e-14	2.4702e+02	1.1891e-11	-1.0823e+03
	7.5328e-16	4.9592e+00	-7.8711e-14	2.4702e+02	5.8760e-12	9.0135e+02
2452	-1.5543e-11	-5.8113e+02	2.8496e-17	-1.6987e+02	6.1525e-15	1.0680e+05
	-1.5543e-11	-5.8113e+02	2.8496e-17	-1.6987e+02	-5.4801e-15	-1.4657e+05
2453	2.5193e-11	-9.5628e+02	-1.4924e-16	-2.8501e+02	-1.4840e-14	1.6639e+05
	2.5193e-11	-9.5628e+02	-1.4924e-16	-2.8501e+02	-2.0918e-14	-1.2432e+05
2454	-2.0821e-11	-5.7850e+02	-2.2523e-17	1.0217e+02	4.2694e-15	1.0614e+05
	-2.0821e-11	-5.7850e+02	-2.2523e-17	1.0217e+02	6.2771e-15	-1.4609e+05
2455	-9.9478e-12	-9.5115e+02	9.6763e-17	8.4440e+01	1.1063e-14	1.6569e+05
	-9.9478e-12	-9.5115e+02	9.6763e-17	8.4440e+01	2.6789e-15	-1.2346e+05
2456	1.9939e-11	-5.7712e+02	2.5742e-17	1.3451e+01	5.7059e-15	1.0612e+05
	1.9939e-11	-5.7712e+02	2.5742e-17	1.3451e+01	2.3439e-15	-1.4551e+05
2457	-2.0389e-12	-9.4159e+02	-1.4924e-16	6.3950e+01	-1.4840e-14	1.6404e+05
	-2.0389e-12	-9.4159e+02	-1.4924e-16	6.3950e+01	-2.0918e-14	-1.2220e+05
2458	-7.0560e-12	-5.7699e+02	-2.5571e-17	-4.3736e+01	-5.8490e-15	1.0611e+05
	-7.0560e-12	-5.7699e+02	-2.5571e-17	-4.3736e+01	3.5848e-15	-1.4546e+05
2459	8.2867e-12	-9.4126e+02	9.2049e-17	-9.1844e+01	-1.5547e-14	1.6398e+05
	8.2867e-12	-9.4126e+02	9.2049e-17	-9.1844e+01	2.1845e-14	-1.2217e+05
2460	-2.4509e-11	-5.7698e+02	2.8329e-17	2.1602e+01	7.2029e-15	1.0595e+05
	-2.4509e-11	-5.7698e+02	2.8329e-17	2.1602e+01	5.2242e-15	-1.4561e+05
2461	1.6197e-11	-9.4753e+02	1.2628e-16	7.5188e+01	-2.0179e-14	1.6503e+05
	1.6197e-11	-9.4753e+02	1.2628e-16	7.5188e+01	7.4529e-15	-1.2302e+05
2462	1.2294e-15	-5.7547e+02	-2.5242e-17	-3.0585e+00	2.1424e-15	1.0559e+05
	1.2294e-15	-5.7547e+02	-2.5242e-17	-3.0585e+00	5.6530e-15	-1.4531e+05
2463	-2.6354e-14	-9.5105e+02	-6.7533e-17	-3.6000e+00	-1.2255e-14	1.6571e+05
	-2.6354e-14	-9.5105e+02	-6.7533e-17	-3.6000e+00	7.5017e-15	-1.2341e+05
2464	2.4485e-11	-5.7695e+02	-2.3384e-17	-2.4094e+01	2.5075e-15	1.0595e+05
	2.4485e-11	-5.7695e+02	-2.3384e-17	-2.4094e+01	5.7390e-15	-1.4560e+05
2465	-1.6197e-11	-9.4746e+02	-1.2959e-16	-7.8210e+01	-2.5315e-14	1.6502e+05
	-1.6197e-11	-9.4746e+02	-1.2959e-16	-7.8210e+01	-1.4014e-14	-1.2301e+05
2466	7.0382e-12	-5.7690e+02	3.5203e-17	4.1253e+01	4.8800e-15	1.0609e+05

	7.0382e-12	-5.7690e+02	3.5203e-17	4.1253e+01	2.7327e-15	-1.4544e+05
2467	-8.2870e-12	-9.4111e+02	9.2049e-17	8.9000e+01	-1.5547e-14	1.6395e+05
	-8.2870e-12	-9.4111e+02	9.2049e-17	8.9000e+01	2.1845e-14	-1.2215e+05
2468	-1.9950e-11	-5.7701e+02	-2.7073e-17	-1.5712e+01	2.0966e-15	1.0610e+05
	-1.9950e-11	-5.7701e+02	-2.7073e-17	-1.5712e+01	5.5908e-15	-1.4548e+05
2469	2.0511e-12	-9.4138e+02	-1.3371e-16	-6.6759e+01	-6.5012e-15	1.6401e+05
	2.0511e-12	-9.4138e+02	-1.3371e-16	-6.6759e+01	-3.6541e-15	-1.2217e+05
2470	2.0825e-11	-5.7834e+02	2.4500e-17	-1.0466e+02	5.1365e-15	1.0611e+05
	2.0825e-11	-5.7834e+02	2.4500e-17	-1.0466e+02	4.4857e-15	-1.4605e+05
2471	9.9381e-12	-9.5085e+02	-2.1334e-17	-8.7752e+01	1.3809e-14	1.6564e+05
	9.9381e-12	-9.5085e+02	-2.1334e-17	-8.7752e+01	2.7425e-15	-1.2342e+05
2472	1.5545e-11	-5.8089e+02	-2.3384e-17	1.6706e+02	2.5880e-15	1.0676e+05
	1.5545e-11	-5.8089e+02	-2.3384e-17	1.6706e+02	6.4169e-15	-1.4651e+05
2473	-2.5196e-11	-9.5592e+02	8.6222e-17	2.8136e+02	1.9049e-14	1.6633e+05
	-2.5196e-11	-9.5592e+02	8.6222e-17	2.8136e+02	-5.2293e-15	-1.2427e+05
2474	9.4003e+02	8.9975e+02	-1.3523e+01	6.0437e+00	4.2505e+03	-2.1395e+05
	9.4003e+02	8.9975e+02	-1.3523e+01	6.0437e+00	-1.4696e+03	1.6664e+05
2475	-3.7598e+02	1.1459e+03	-3.5359e-01	6.0437e+00	1.5210e+02	-2.5335e+05
	-3.7598e+02	1.1459e+03	-3.5359e-01	6.0437e+00	-2.8491e+01	2.3138e+05
2476	-3.7244e+02	1.1209e+03	-8.3074e-01	6.0437e+00	1.9058e+02	-2.4488e+05
	-3.7244e+02	1.1209e+03	-8.3074e-01	6.0437e+00	-1.6078e+02	2.2925e+05
2477	9.4514e+02	8.8207e+02	-2.4307e+00	6.0437e+00	5.0441e+02	-2.0769e+05
	9.4514e+02	8.8207e+02	-2.4307e+00	6.0437e+00	-5.2316e+02	1.6543e+05
2478	-3.6476e+02	1.1171e+03	-1.3120e+00	6.0437e+00	3.8222e+02	-2.4418e+05
	-3.6476e+02	1.1171e+03	-1.3120e+00	6.0437e+00	-1.7151e+02	2.2836e+05
2479	-3.6422e+02	1.1169e+03	1.5559e-01	6.0437e+00	-1.3001e+02	-2.4415e+05
	-3.6422e+02	1.1169e+03	1.5559e-01	6.0437e+00	6.8916e+01	2.2831e+05
2480	-7.3998e+02	8.1504e+02	1.5465e+00	6.0437e+00	-5.7323e+02	-1.9933e+05
	-7.3998e+02	8.1504e+02	1.5465e+00	6.0437e+00	7.4913e+01	1.4544e+05
2481	-7.1586e+02	8.1536e+02	-3.5608e+00	6.0437e+00	1.0471e+03	-1.9943e+05
	-7.1586e+02	8.1536e+02	-3.5608e+00	6.0437e+00	-4.5888e+02	1.4547e+05
2482	-6.9373e+02	8.1996e+02	2.1611e+00	6.0437e+00	-4.1585e+02	-2.0095e+05
	-6.9373e+02	8.1996e+02	2.1611e+00	6.0437e+00	4.9704e+02	1.4590e+05
2483	-6.3700e+02	8.3491e+02	1.2448e+01	6.0437e+00	-3.9397e+03	-2.0636e+05
	-6.3700e+02	8.3491e+02	1.2448e+01	6.0437e+00	1.3262e+03	1.4680e+05
2484	9.2863e+02	8.7290e+02	3.7269e+00	6.0437e+00	-1.1538e+03	-2.0518e+05
	9.2863e+02	8.7290e+02	3.7269e+00	6.0437e+00	4.2185e+02	1.6406e+05
2485	9.3004e+02	8.7246e+02	-3.9923e+00	6.0437e+00	1.2349e+03	-2.0506e+05
	9.3004e+02	8.7246e+02	-3.9923e+00	6.0437e+00	-4.5312e+02	1.6399e+05
2486	-3.7116e+02	1.1197e+03	-6.5461e-01	6.0437e+00	1.8391e+02	-2.4472e+05
	-3.7116e+02	1.1197e+03	-6.5461e-01	6.0437e+00	-9.2393e+01	2.2893e+05
2487	-7.7951e+02	8.1489e+02	-1.5010e-01	6.0437e+00	3.8573e+01	-1.9938e+05
	-7.7951e+02	8.1489e+02	-1.5010e-01	6.0437e+00	-2.4857e+01	1.4532e+05
2488	9.4052e+02	8.7886e+02	-1.4786e-01	6.0437e+00	-9.9696e+01	-2.0678e+05
	9.4052e+02	8.7886e+02	-1.4786e-01	6.0437e+00	-1.7694e+02	1.6498e+05
2489	-3.7581e+02	1.1195e+03	-2.3168e-01	6.0437e+00	5.7310e+01	-2.4459e+05
	-3.7581e+02	1.1195e+03	-2.3168e-01	6.0437e+00	-4.0690e+01	2.2895e+05
2490	-7.9007e+02	8.1709e+02	-1.7530e+00	6.0437e+00	5.4646e+02	-2.0000e+05
	-7.9007e+02	8.1709e+02	-1.7530e+00	6.0437e+00	-1.9341e+02	1.4563e+05
2491	-7.9344e+02	8.1704e+02	1.0507e+00	6.0437e+00	-3.6340e+02	-1.9999e+05
	-7.9344e+02	8.1704e+02	1.0507e+00	6.0437e+00	-8.6048e+01	1.4562e+05

2492	9.4411e+02	8.8562e+02	-3.2107e-01	6.0437e+00	7.9233e+01	-2.0884e+05
	9.4411e+02	8.8562e+02	-3.2107e-01	6.0437e+00	-5.6585e+01	1.6578e+05
2493	-3.7096e+02	1.1197e+03	3.6890e-01	6.0437e+00	-9.7775e+01	-2.4471e+05
	-3.7096e+02	1.1197e+03	3.6890e-01	6.0437e+00	5.3839e+01	2.2891e+05
2494	9.4073e+02	8.7879e+02	-4.2848e-01	6.0437e+00	2.4606e+02	-2.0676e+05
	9.4073e+02	8.7879e+02	-4.2848e-01	6.0437e+00	6.2091e+01	1.6497e+05
2495	-7.4250e+02	8.1492e+02	-2.4573e+00	6.0437e+00	7.9450e+02	-1.9930e+05
	-7.4250e+02	8.1492e+02	-2.4573e+00	6.0437e+00	-2.5060e+02	1.4542e+05
2496	-3.6456e+02	1.1168e+03	-1.3245e+00	6.0437e+00	3.8553e+02	-2.4412e+05
	-3.6456e+02	1.1168e+03	-1.3245e+00	6.0437e+00	-1.7401e+02	2.2827e+05
2497	9.2955e+02	8.7232e+02	2.9436e+00	6.0437e+00	-9.7412e+02	-2.0502e+05
	9.2955e+02	8.7232e+02	2.9436e+00	6.0437e+00	2.6877e+02	1.6397e+05
2498	-7.2211e+02	8.1519e+02	2.7493e+00	6.0437e+00	-8.4421e+02	-1.9939e+05
	-7.2211e+02	8.1519e+02	2.7493e+00	6.0437e+00	3.1978e+02	1.4544e+05
2499	-3.6428e+02	1.1169e+03	1.1707e-01	6.0437e+00	-1.2500e+02	-2.4413e+05
	-3.6428e+02	1.1169e+03	1.1707e-01	6.0437e+00	6.9585e+01	2.2831e+05
2500	9.2905e+02	8.7271e+02	-4.7637e+00	6.0437e+00	1.4121e+03	-2.0513e+05
	9.2905e+02	8.7271e+02	-4.7637e+00	6.0437e+00	-6.0245e+02	1.6402e+05
2501	-7.0600e+02	8.1973e+02	-3.0458e+00	6.0437e+00	6.4310e+02	-2.0089e+05
	-7.0600e+02	8.1973e+02	-3.0458e+00	6.0437e+00	-6.4489e+02	1.4585e+05
2502	-3.7246e+02	1.1205e+03	3.9513e-01	6.0437e+00	-9.8776e+01	-2.4481e+05
	-3.7246e+02	1.1205e+03	3.9513e-01	6.0437e+00	6.4142e+01	2.2918e+05
2503	9.4699e+02	8.8179e+02	1.4182e+00	6.0437e+00	-2.4279e+02	-2.0762e+05
	9.4699e+02	8.8179e+02	1.4182e+00	6.0437e+00	3.5404e+02	1.6538e+05
2504	-6.4179e+02	8.3457e+02	-1.3097e+01	6.0437e+00	4.1267e+03	-2.0628e+05
	-6.4179e+02	8.3457e+02	-1.3097e+01	6.0437e+00	-1.4141e+03	1.4674e+05
2505	-3.7541e+02	1.1455e+03	-7.6921e-01	6.0437e+00	2.6276e+02	-2.5325e+05
	-3.7541e+02	1.1455e+03	-7.6921e-01	6.0437e+00	-6.4459e+01	2.3129e+05
2506	9.3799e+02	8.9940e+02	1.2756e+01	6.0437e+00	-4.0313e+03	-2.1387e+05
	9.3799e+02	8.9940e+02	1.2756e+01	6.0437e+00	1.3643e+03	1.6658e+05
2530	0.0000e+00	-6.1009e+01	0.0000e+00	-1.7645e+02	0.0000e+00	5.5495e+03
	0.0000e+00	-6.1009e+01	0.0000e+00	-1.7645e+02	0.0000e+00	3.0150e+03
	0.0000e+00	-8.3530e+01	0.0000e+00	-1.5038e+03	0.0000e+00	1.2710e+04
	0.0000e+00	-8.3530e+01	0.0000e+00	-1.5038e+03	0.0000e+00	-1.9507e+04
2531	0.0000e+00	-1.8898e+02	0.0000e+00	8.0404e+01	0.0000e+00	1.1669e+04
	0.0000e+00	-1.8898e+02	0.0000e+00	8.0404e+01	0.0000e+00	3.6439e+03
	0.0000e+00	-9.6704e+01	0.0000e+00	5.3333e+01	0.0000e+00	1.5203e+04
	0.0000e+00	-9.6704e+01	0.0000e+00	5.3333e+01	0.0000e+00	-2.1396e+04
2532	0.0000e+00	-1.7939e+02	0.0000e+00	6.4624e+02	0.0000e+00	1.1642e+04
	0.0000e+00	-1.7939e+02	0.0000e+00	6.4624e+02	0.0000e+00	3.9514e+03
	0.0000e+00	-1.0232e+02	0.0000e+00	3.5370e+02	0.0000e+00	1.6603e+04
	0.0000e+00	-1.0232e+02	0.0000e+00	3.5370e+02	0.0000e+00	-2.2432e+04
2533	0.0000e+00	-1.7892e+02	0.0000e+00	-5.8937e+02	0.0000e+00	1.1649e+04
	0.0000e+00	-1.7892e+02	0.0000e+00	-5.8937e+02	0.0000e+00	4.0108e+03
	0.0000e+00	-1.0571e+02	0.0000e+00	2.7998e+02	0.0000e+00	1.6845e+04
	0.0000e+00	-1.0571e+02	0.0000e+00	2.7998e+02	0.0000e+00	-2.3432e+04
2534	0.0000e+00	-1.7938e+02	0.0000e+00	2.7644e+02	0.0000e+00	1.1596e+04
	0.0000e+00	-1.7938e+02	0.0000e+00	2.7644e+02	0.0000e+00	4.0071e+03
	0.0000e+00	-1.0847e+02	0.0000e+00	1.8883e+02	0.0000e+00	1.6398e+04
	0.0000e+00	-1.0847e+02	0.0000e+00	1.8883e+02	0.0000e+00	-2.4737e+04
2535	0.0000e+00	-1.7625e+02	0.0000e+00	-5.6229e+00	0.0000e+00	1.1601e+04

	0.0000e+00	-1.7625e+02	0.0000e+00	-5.6229e+00	0.0000e+00	4.1154e+03
	0.0000e+00	-1.1024e+02	0.0000e+00	-6.6709e+00	0.0000e+00	1.6907e+04
	0.0000e+00	-1.1024e+02	0.0000e+00	-6.6709e+00	0.0000e+00	-2.5018e+04
2536	0.0000e+00	-1.7938e+02	0.0000e+00	-2.7813e+02	0.0000e+00	1.1597e+04
	0.0000e+00	-1.7938e+02	0.0000e+00	-2.7813e+02	0.0000e+00	4.0018e+03
	0.0000e+00	-1.0797e+02	0.0000e+00	-1.8921e+02	0.0000e+00	1.6376e+04
	0.0000e+00	-1.0797e+02	0.0000e+00	-1.8921e+02	0.0000e+00	-2.4581e+04
2537	0.0000e+00	-1.7892e+02	0.0000e+00	5.8805e+02	0.0000e+00	1.1649e+04
	0.0000e+00	-1.7892e+02	0.0000e+00	5.8805e+02	0.0000e+00	4.0005e+03
	0.0000e+00	-1.0474e+02	0.0000e+00	-2.7522e+02	0.0000e+00	1.6804e+04
	0.0000e+00	-1.0474e+02	0.0000e+00	-2.7522e+02	0.0000e+00	-2.3124e+04
2538	0.0000e+00	-1.7939e+02	0.0000e+00	-6.4814e+02	0.0000e+00	1.1644e+04
	0.0000e+00	-1.7939e+02	0.0000e+00	-6.4814e+02	0.0000e+00	3.9388e+03
	0.0000e+00	-1.0102e+02	0.0000e+00	-3.5266e+02	0.0000e+00	1.6554e+04
	0.0000e+00	-1.0102e+02	0.0000e+00	-3.5266e+02	0.0000e+00	-2.2004e+04
2539	0.0000e+00	-1.8894e+02	0.0000e+00	-8.2198e+01	0.0000e+00	1.1672e+04
	0.0000e+00	-1.8894e+02	0.0000e+00	-8.2198e+01	0.0000e+00	3.6211e+03
	0.0000e+00	-9.4765e+01	0.0000e+00	-5.3574e+01	0.0000e+00	1.5114e+04
	0.0000e+00	-9.4765e+01	0.0000e+00	-5.3574e+01	0.0000e+00	-2.0793e+04
2540	0.0000e+00	-6.0987e+01	0.0000e+00	1.7195e+02	0.0000e+00	5.5458e+03
	0.0000e+00	-6.0987e+01	0.0000e+00	1.7195e+02	0.0000e+00	2.9971e+03
	0.0000e+00	-8.0961e+01	0.0000e+00	1.3918e+03	0.0000e+00	1.2643e+04
	0.0000e+00	-8.0961e+01	0.0000e+00	1.3918e+03	0.0000e+00	-1.8601e+04

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	4.5428e-01	0.0000e+00	-3.3748e+03	0.0000e+00	-5.3560e+01
	0.0000e+00	4.5428e-01	0.0000e+00	-3.3748e+03	0.0000e+00	3.1532e+01
630	0.0000e+00	-2.5674e+02	0.0000e+00	-9.8640e+03	0.0000e+00	1.8143e+04
	0.0000e+00	-2.5674e+02	0.0000e+00	-9.8640e+03	0.0000e+00	-2.9952e+04
631	0.0000e+00	2.5076e+02	0.0000e+00	-9.7264e+03	0.0000e+00	-1.7635e+04
	0.0000e+00	2.5076e+02	0.0000e+00	-9.7264e+03	0.0000e+00	2.9340e+04
632	1.5702e+03	-1.7886e+03	4.0767e+02	7.5820e+03	-5.6253e+04	2.1999e+05
	1.5702e+03	-1.7886e+03	4.0767e+02	7.5820e+03	-6.1114e+03	2.7121e-10
633	-9.7251e+02	1.1127e+03	4.1587e+02	7.5633e+03	-5.7245e+04	-1.3686e+05
	-9.7251e+02	1.1127e+03	4.1587e+02	7.5633e+03	-6.0963e+03	1.2359e-10
634	3.6491e+02	-4.2177e+02	4.0310e+02	7.3532e+03	-5.5507e+04	5.1878e+04
	3.6491e+02	-4.2177e+02	4.0310e+02	7.3532e+03	-5.9269e+03	3.9033e-11
635	-2.9089e+02	3.3645e+02	3.9713e+02	7.2569e+03	-5.4695e+04	-4.1383e+04
	-2.9089e+02	3.3645e+02	3.9713e+02	7.2569e+03	-5.8493e+03	3.8764e-11
636	7.8394e+01	-9.1074e+01	3.9138e+02	7.1693e+03	-5.3917e+04	1.1202e+04
	7.8394e+01	-9.1074e+01	3.9138e+02	7.1693e+03	-5.7787e+03	-2.1876e-11
637	1.7086e+01	-1.9748e+01	3.8958e+02	7.1451e+03	-5.3676e+04	2.4290e+03
	1.7086e+01	-1.9748e+01	3.8958e+02	7.1451e+03	-5.7592e+03	1.8582e-11
638	-5.3606e+01	6.2072e+01	3.9057e+02	7.1668e+03	-5.3815e+04	-7.6349e+03
	-5.3606e+01	6.2072e+01	3.9057e+02	7.1668e+03	-5.7767e+03	5.3131e-11
639	2.6603e+02	-3.0671e+02	3.9521e+02	7.2517e+03	-5.4454e+04	3.7725e+04
	2.6603e+02	-3.0671e+02	3.9521e+02	7.2517e+03	-5.8451e+03	1.4239e-11
640	3.1185e+02	-3.5915e+02	4.0028e+02	7.3454e+03	-5.5153e+04	4.4175e+04
	3.1185e+02	-3.5915e+02	4.0028e+02	7.3454e+03	-5.9206e+03	-6.5980e-11
641	9.8834e+02	-1.1310e+03	4.1125e+02	7.5546e+03	-5.6671e+04	1.3911e+05
	9.8834e+02	-1.1310e+03	4.1125e+02	7.5546e+03	-6.0893e+03	6.4479e-11

642	-1.5612e+03	1.7923e+03	4.2860e+02	7.7021e+03	-5.8919e+04	-2.2046e+05
	-1.5612e+03	1.7923e+03	4.2860e+02	7.7021e+03	-6.2081e+03	-1.1669e-10
654	0.0000e+00	1.3288e+02	0.0000e+00	1.0225e+04	0.0000e+00	-2.1157e+04
	0.0000e+00	-3.9889e+02	0.0000e+00	1.8143e+04	0.0000e+00	9.8640e+03
655	0.0000e+00	2.5008e+01	0.0000e+00	5.5607e+03	0.0000e+00	-1.8142e+03
	0.0000e+00	-2.2605e+02	0.0000e+00	1.0225e+04	0.0000e+00	-2.1157e+04
656	0.0000e+00	-1.1801e+01	0.0000e+00	3.8957e+03	0.0000e+00	6.1986e+02
	0.0000e+00	-5.2429e+00	0.0000e+00	5.5607e+03	0.0000e+00	-1.8142e+03
657	0.0000e+00	2.6554e+00	0.0000e+00	2.5337e+03	0.0000e+00	-1.5931e+02
	0.0000e+00	6.6260e+00	0.0000e+00	3.8957e+03	0.0000e+00	6.1986e+02
658	0.0000e+00	9.4111e+00	0.0000e+00	2.2286e+03	0.0000e+00	-1.6966e+03
	0.0000e+00	-2.0560e+00	0.0000e+00	2.5337e+03	0.0000e+00	-1.5931e+02
659	0.0000e+00	-2.0623e+00	0.0000e+00	2.4843e+03	0.0000e+00	1.4850e+02
	0.0000e+00	9.0215e+00	0.0000e+00	2.2022e+03	0.0000e+00	1.6784e+03
660	0.0000e+00	7.7426e+00	0.0000e+00	3.7977e+03	0.0000e+00	-6.6483e+02
	0.0000e+00	2.5606e+00	0.0000e+00	2.4843e+03	0.0000e+00	1.4850e+02
661	0.0000e+00	-6.7538e+00	0.0000e+00	5.4121e+03	0.0000e+00	1.7783e+03
	0.0000e+00	-1.2277e+01	0.0000e+00	3.7977e+03	0.0000e+00	-6.6483e+02
662	0.0000e+00	-2.2023e+02	0.0000e+00	9.9421e+03	0.0000e+00	2.0537e+04
	0.0000e+00	2.5107e+01	0.0000e+00	5.4121e+03	0.0000e+00	1.7783e+03
663	0.0000e+00	-3.7479e+02	0.0000e+00	1.7635e+04	0.0000e+00	-9.7264e+03
	0.0000e+00	1.3828e+02	0.0000e+00	9.9421e+03	0.0000e+00	2.0537e+04
664	0.0000e+00	-2.0733e+02	0.0000e+00	1.6169e+05	0.0000e+00	7.1933e+04
	0.0000e+00	-1.6250e+03	0.0000e+00	2.0020e+05	0.0000e+00	5.8887e+04
665	0.0000e+00	3.4929e+02	0.0000e+00	-4.9575e+04	0.0000e+00	-4.0888e+04
	0.0000e+00	7.9501e+02	0.0000e+00	-4.9466e+04	0.0000e+00	8.0596e+04
666	0.0000e+00	2.9206e+02	0.0000e+00	-1.2466e+04	0.0000e+00	-3.1672e+04
	0.0000e+00	1.1531e+02	0.0000e+00	-8.3248e+03	0.0000e+00	1.5266e+04
667	0.0000e+00	1.9864e+02	0.0000e+00	-1.1979e+04	0.0000e+00	-2.9682e+04
	0.0000e+00	1.6379e+02	0.0000e+00	-2.3559e+04	0.0000e+00	2.6639e+04
668	0.0000e+00	1.8128e+02	0.0000e+00	-1.5626e+04	0.0000e+00	-2.7494e+04
	0.0000e+00	1.2338e+02	0.0000e+00	-1.9016e+04	0.0000e+00	2.4383e+04
669	0.0000e+00	1.4634e+02	0.0000e+00	-1.8367e+04	0.0000e+00	-2.5913e+04
	0.0000e+00	1.6172e+02	0.0000e+00	-1.6305e+04	0.0000e+00	2.6472e+04
670	0.0000e+00	1.8291e+02	0.0000e+00	-2.3476e+04	0.0000e+00	-2.7861e+04
	0.0000e+00	1.7297e+02	0.0000e+00	-1.3069e+04	0.0000e+00	2.8059e+04
671	0.0000e+00	1.4668e+02	0.0000e+00	-6.2961e+03	0.0000e+00	-1.9919e+04
	0.0000e+00	2.6966e+02	0.0000e+00	-7.7391e+03	0.0000e+00	3.0241e+04
672	0.0000e+00	7.9433e+02	0.0000e+00	-3.3290e+04	0.0000e+00	-7.8998e+04
	0.0000e+00	3.1178e+02	0.0000e+00	-3.7443e+04	0.0000e+00	3.5783e+04
673	0.0000e+00	-1.6164e+03	0.0000e+00	2.0096e+05	0.0000e+00	-6.1198e+04
	0.0000e+00	-2.6140e+02	0.0000e+00	1.6428e+05	0.0000e+00	-7.5362e+04
2422	-3.5113e-11	1.0142e+03	-9.0896e-14	-4.7501e+02	9.2261e-12	-1.9255e+05
	-3.5113e-11	1.0142e+03	-9.0896e-14	-4.7501e+02	-9.2241e-12	2.1311e+05
2423	-2.7643e-11	7.0722e+02	7.1093e-15	-3.7573e+02	-4.0779e-12	-1.5343e+05
	-2.7643e-11	7.0722e+02	7.1093e-15	-3.7573e+02	4.0781e-12	1.5774e+05
2424	2.0916e-11	1.6128e+03	-5.5579e-14	-3.1414e+02	-6.1787e-15	-2.2581e+05
	2.0916e-11	1.6128e+03	-5.5579e-14	-3.1414e+02	1.8189e-12	2.2576e+05
2425	7.7633e-12	7.0532e+02	-7.1073e-15	-3.3026e+02	3.2663e-12	-1.5719e+05
	7.7633e-12	7.0532e+02	-7.1073e-15	-3.3026e+02	-3.2508e-15	1.5315e+05
2426	1.5325e-11	1.0977e+03	-3.1177e-15	-3.2226e+02	-9.9161e-16	-1.8957e+05

	1.5325e-11	1.0977e+03	-3.1177e-15	-3.2226e+02	-1.3501e-15	1.9462e+05
2427	1.5866e-11	1.0977e+03	-7.1059e-15	-3.2242e+02	1.8906e-12	-1.9462e+05
	1.5866e-11	1.0977e+03	-7.1059e-15	-3.2242e+02	-2.1361e-12	1.8957e+05
2428	1.1095e-11	7.0532e+02	3.5606e-15	-3.3102e+02	-2.5382e-12	-1.5315e+05
	1.1095e-11	7.0532e+02	3.5606e-15	-3.3102e+02	-2.8030e-12	1.5719e+05
2429	3.1882e-11	1.6128e+03	-1.7766e-17	-3.1363e+02	7.4877e-12	-2.2576e+05
	3.1882e-11	1.6128e+03	-1.7766e-17	-3.1363e+02	-7.2768e-12	2.2581e+05
2430	-1.6915e-12	7.0721e+02	-6.8419e-18	-3.6544e+02	-4.0864e-12	-1.5774e+05
	-1.6915e-12	7.0721e+02	-6.8419e-18	-3.6544e+02	4.0880e-12	1.5343e+05
2431	-2.0488e-11	1.0142e+03	-8.4034e-14	-4.8624e+02	2.8493e-15	-2.1312e+05
	-2.0488e-11	1.0142e+03	-8.4034e-14	-4.8624e+02	3.2353e-15	1.9256e+05
2432	-2.9026e-11	1.0353e+03	-8.4047e-14	-1.1530e+03	3.2362e-15	-1.9678e+05
	-2.9026e-11	1.0353e+03	-8.4047e-14	-1.1530e+03	2.7120e-15	2.1734e+05
2433	-2.8419e-11	7.2535e+02	1.4224e-14	-8.5208e+02	-1.0134e-11	-1.5735e+05
	-2.8419e-11	7.2535e+02	1.4224e-14	-8.5208e+02	-8.6005e-12	1.6180e+05
2434	-2.6728e-11	1.6553e+03	-8.4015e-14	-9.1097e+02	1.3073e-11	-2.3176e+05
	-2.6728e-11	1.6553e+03	-8.4015e-14	-9.1097e+02	-1.1204e-11	2.3172e+05
2435	-2.5405e-11	7.2326e+02	-9.4073e-15	8.6616e+02	3.2663e-12	-1.6119e+05
	-2.5405e-11	7.2326e+02	-9.4073e-15	8.6616e+02	-4.3066e-12	1.5704e+05
2436	-1.0092e-11	1.0193e+03	-8.4047e-14	-6.6179e+02	3.2362e-15	-1.9375e+05
	-1.0092e-11	1.0193e+03	-8.4047e-14	-6.6179e+02	2.7120e-15	2.1397e+05
2437	-2.1684e-11	7.1773e+02	6.8462e-18	-8.1066e+02	-1.7313e-16	-1.5568e+05
	-2.1684e-11	7.1773e+02	6.8462e-18	-8.1066e+02	1.0572e-15	1.6012e+05
2438	-2.9874e-11	1.6347e+03	8.4065e-14	7.4607e+02	6.8747e-12	-2.2887e+05
	-2.9874e-11	1.6347e+03	8.4065e-14	7.4607e+02	1.0608e-11	2.2885e+05
2439	-1.0858e-11	7.1570e+02	3.5449e-15	-7.6233e+02	-4.9028e-12	-1.5950e+05
	-1.0858e-11	7.1570e+02	3.5449e-15	-7.6233e+02	2.0386e-12	1.5540e+05
2440	-2.4682e-11	1.1128e+03	-3.1177e-15	-7.5100e+02	2.3930e-12	-1.9219e+05
	-2.4682e-11	1.1128e+03	-3.1177e-15	-7.5100e+02	-2.4629e-12	1.9731e+05
2441	-1.2479e-11	1.1258e+03	-7.5557e-15	-8.9374e+02	4.5419e-13	-1.9442e+05
	-1.2479e-11	1.1258e+03	-7.5557e-15	-8.9374e+02	-1.2687e-12	1.9961e+05
2442	-1.0145e-11	1.1258e+03	-3.6794e-18	-8.9404e+02	-1.2686e-12	-1.9961e+05
	-1.0145e-11	1.1258e+03	-3.6794e-18	-8.9404e+02	-9.8239e-16	1.9442e+05
2443	-2.5405e-11	7.2323e+02	1.0915e-14	8.6723e+02	1.7190e-12	-1.5703e+05
	-2.5405e-11	7.2323e+02	1.0915e-14	8.6723e+02	-1.7180e-12	1.6119e+05
2444	-2.5411e-11	1.6551e+03	-1.8700e-17	-9.1287e+02	-9.8060e-12	-2.3170e+05
	-2.5411e-11	1.6551e+03	-1.8700e-17	-9.1287e+02	-9.5707e-12	2.3174e+05
2445	-2.7922e-11	7.2567e+02	-7.1055e-15	-8.4701e+02	-4.0778e-12	-1.6187e+05
	-2.7922e-11	7.2567e+02	-7.1055e-15	-8.4701e+02	9.4239e-12	1.5742e+05
2446	-2.9573e-11	1.0352e+03	4.6631e-18	-1.1493e+03	2.7120e-15	-2.1733e+05
	-2.9573e-11	1.0352e+03	4.6631e-18	-1.1493e+03	3.2368e-15	1.9676e+05
2447	-2.8476e-11	1.1128e+03	-6.6796e-15	-7.5092e+02	2.9770e-12	-1.9731e+05
	-2.8476e-11	1.1128e+03	-6.6796e-15	-7.5092e+02	-1.3982e-12	1.9219e+05
2448	-1.0276e-11	7.1570e+02	1.5508e-14	-7.6226e+02	-9.1134e-13	-1.5540e+05
	-1.0276e-11	7.1570e+02	1.5508e-14	-7.6226e+02	9.0781e-13	1.5950e+05
2449	2.4673e-11	1.6347e+03	8.4015e-14	7.4565e+02	-1.8191e-12	-2.2884e+05
	2.4673e-11	1.6347e+03	8.4015e-14	7.4565e+02	-6.2529e-15	2.2887e+05
2450	-1.1878e-11	7.1776e+02	2.7789e-14	-8.0952e+02	-8.3632e-12	-1.6013e+05
	-1.1878e-11	7.1776e+02	2.7789e-14	-8.0952e+02	8.0194e-16	1.5568e+05
2451	-1.1963e-11	1.0194e+03	4.6631e-18	-6.7429e+02	9.8098e-12	-2.1399e+05
	-1.1963e-11	1.0194e+03	4.6631e-18	-6.7429e+02	3.2368e-15	1.9377e+05

2452	-2.3307e-15	-1.7946e+02	1.1630e-13	-2.9599e+03	-1.1166e-11	3.2474e+04
	-2.3307e-15	-1.7946e+02	1.1630e-13	-2.9599e+03	2.7231e-11	-4.5793e+04
2453	1.4434e-15	3.3131e+02	2.3910e-13	4.1321e+03	6.3627e-12	-5.6606e+04
	1.4434e-15	3.3131e+02	2.3910e-13	4.1321e+03	5.5000e-11	4.4151e+04
2454	3.0680e-15	-1.6073e+02	-4.9163e-14	-2.5512e+03	2.5068e-11	3.0005e+04
	3.0680e-15	-1.6073e+02	-4.9163e-14	-2.5512e+03	-3.3246e-11	-4.0075e+04
2455	-6.1689e-15	-2.3869e+02	4.4587e-13	3.5180e+03	4.8897e-11	4.2096e+04
	-6.1689e-15	-2.3869e+02	4.4587e-13	3.5180e+03	-2.5228e-11	-3.0466e+04
2456	4.8463e-16	-1.1374e+02	-1.0687e-13	-2.4348e+03	-1.2682e-11	2.1060e+04
	4.8463e-16	-1.1374e+02	-1.0687e-13	-2.4348e+03	2.8060e-11	-2.8531e+04
2457	-3.1466e-15	-1.7250e+02	2.3910e-13	3.1450e+03	6.3627e-12	3.0333e+04
	-3.1466e-15	-1.7250e+02	2.3910e-13	3.1450e+03	5.5000e-11	-2.2108e+04
2458	1.4132e-15	-8.3003e+01	1.9242e-13	-2.4241e+03	-1.5370e-11	1.5387e+04
	1.4132e-15	-8.3003e+01	1.9242e-13	-2.4241e+03	2.3449e-11	-2.0802e+04
2459	8.0142e-17	-1.2839e+02	2.1781e-13	3.1737e+03	1.2352e-11	2.2552e+04
	8.0142e-17	-1.2839e+02	2.1781e-13	3.1737e+03	-4.1077e-11	-1.6480e+04
2460	2.4561e-12	-3.6945e+01	1.1633e-13	-2.6317e+03	-1.2769e-11	6.8092e+03
	2.4561e-12	-3.6945e+01	1.1633e-13	-2.6317e+03	2.8085e-11	-9.2989e+03
2461	3.0923e-15	5.6989e+01	3.3748e-13	3.3893e+03	3.3619e-11	-1.0004e+04
	3.0923e-15	5.6989e+01	3.3748e-13	3.3893e+03	-2.3073e-11	7.3217e+03
2462	-3.3602e-15	1.8424e-01	-4.7720e-14	-2.4310e+03	2.9055e-11	-4.0316e+01
	-3.3602e-15	1.8424e-01	-4.7720e-14	-2.4310e+03	-3.4854e-11	3.9533e+01
2463	-1.3952e-15	-1.6322e-01	4.1036e-13	3.1860e+03	4.7427e-11	4.0977e+01
	-1.3952e-15	-1.6322e-01	4.1036e-13	3.1860e+03	-2.2234e-11	-2.4682e+01
2464	1.1723e-15	3.6683e+01	-4.8366e-14	-2.6323e+03	2.6206e-11	-6.7566e+03
	1.1723e-15	3.6683e+01	-4.8366e-14	-2.6323e+03	-3.3826e-11	9.2371e+03
2465	-3.0921e-15	-5.7111e+01	2.3357e-13	3.3882e+03	2.5658e-11	1.0010e+04
	-3.0921e-15	-5.7111e+01	2.3357e-13	3.3882e+03	-2.9618e-11	-7.3527e+03
2466	-1.4204e-15	8.2640e+01	-7.7448e-14	-2.4247e+03	-1.7678e-11	-1.5312e+04
	-1.4204e-15	8.2640e+01	-7.7448e-14	-2.4247e+03	-3.2041e-11	2.0719e+04
2467	-6.8705e-17	1.2852e+02	2.1781e-13	3.1722e+03	1.2352e-11	-2.2556e+04
	-6.8705e-17	1.2852e+02	2.1781e-13	3.1722e+03	-4.1077e-11	1.6513e+04
2468	7.9514e-12	1.1333e+02	-5.1866e-14	-2.4350e+03	3.2004e-11	-2.0969e+04
	7.9514e-12	1.1333e+02	-5.1866e-14	-2.4350e+03	-3.6112e-11	2.8443e+04
2469	-1.6727e-11	1.7271e+02	4.6143e-13	3.1455e+03	-4.0396e-11	-3.0350e+04
	-1.6727e-11	1.7271e+02	4.6143e-13	3.1455e+03	-6.4990e-11	2.2155e+04
2470	-1.0761e-11	1.6123e+02	-8.2429e-14	-2.5514e+03	-1.4857e-11	-3.0098e+04
	-1.0761e-11	1.6123e+02	-8.2429e-14	-2.5514e+03	2.8125e-11	4.0197e+04
2471	-1.4976e-11	2.3894e+02	3.9642e-13	3.5041e+03	5.4739e-11	-4.2155e+04
	-1.4976e-11	2.3894e+02	3.9642e-13	3.5041e+03	-2.4558e-11	3.0485e+04
2472	2.3307e-15	1.8039e+02	-4.8366e-14	-2.9693e+03	2.6206e-11	-3.2691e+04
	2.3307e-15	1.8039e+02	-4.8366e-14	-2.9693e+03	-3.3826e-11	4.5980e+04
2473	-1.4359e-15	-3.2933e+02	2.4721e-13	4.1200e+03	-1.0589e-11	5.6353e+04
	-1.4359e-15	-3.2933e+02	2.4721e-13	4.1200e+03	-5.4784e-11	-4.3798e+04
2474	1.0375e+03	-3.0659e+02	1.5509e+03	3.2144e+03	-4.4743e+05	7.2487e+04
	1.0375e+03	-3.0659e+02	1.5509e+03	3.2144e+03	2.0864e+05	-5.7202e+04
2475	1.0298e+03	3.7856e+02	1.5349e+03	3.2144e+03	-4.3942e+05	-8.3779e+04
	1.0298e+03	3.7856e+02	1.5349e+03	3.2144e+03	2.0983e+05	7.6355e+04
2476	-3.4257e+02	2.9536e+02	2.0405e+03	3.2144e+03	-5.1682e+05	-6.4584e+04
	-3.4257e+02	2.9536e+02	2.0405e+03	3.2144e+03	3.4630e+05	6.0354e+04
2477	-9.1411e+02	2.2610e+02	2.0931e+03	3.2144e+03	-5.3628e+05	-5.3356e+04

	-9.1411e+02	2.2610e+02	2.0931e+03	3.2144e+03	3.4910e+05	4.2286e+04
2478	8.9082e+02	2.1018e+02	2.1421e+03	3.2144e+03	-5.3044e+05	-4.5807e+04
	8.9082e+02	2.1018e+02	2.1421e+03	3.2144e+03	3.7569e+05	4.3101e+04
2479	-9.2657e+02	1.5579e+02	2.1414e+03	3.2144e+03	-5.3033e+05	-3.4023e+04
	-9.2657e+02	1.5579e+02	2.1414e+03	3.2144e+03	3.7549e+05	3.1875e+04
2480	-8.7766e+02	-1.1637e+02	2.2408e+03	3.2144e+03	-5.6042e+05	2.8464e+04
	-8.7766e+02	-1.1637e+02	2.2408e+03	3.2144e+03	3.8745e+05	2.0764e+04
2481	1.0067e+03	1.6160e+02	2.2422e+03	3.2144e+03	-5.6074e+05	-3.9774e+04
	1.0067e+03	1.6160e+02	2.2422e+03	3.2144e+03	3.8772e+05	2.8587e+04
2482	-7.6447e+02	2.2263e+02	2.1376e+03	3.2144e+03	-5.4671e+05	-5.4398e+04
	-7.6447e+02	2.2263e+02	2.1376e+03	3.2144e+03	3.5750e+05	3.9777e+04
2483	1.8051e+03	2.6771e+02	1.5993e+03	3.2144e+03	-4.6000e+05	-6.6325e+04
	1.8051e+03	2.6771e+02	1.5993e+03	3.2144e+03	2.1656e+05	4.6931e+04
2484	9.9089e+02	1.6081e+02	2.1984e+03	3.2144e+03	-5.5047e+05	-3.7754e+04
	9.9089e+02	1.6081e+02	2.1984e+03	3.2144e+03	3.7945e+05	3.0268e+04
2485	-8.7884e+02	1.2054e+02	2.1969e+03	3.2144e+03	-5.5012e+05	-2.8421e+04
	-8.7884e+02	1.2054e+02	2.1969e+03	3.2144e+03	3.7919e+05	2.2569e+04
2486	3.8942e+02	6.8791e+01	2.0464e+03	3.2144e+03	-5.1761e+05	-1.4985e+04
	3.8942e+02	6.8791e+01	2.0464e+03	3.2144e+03	3.4801e+05	1.4113e+04
2487	-1.5688e+01	-3.3241e-01	2.2420e+03	3.2144e+03	-5.6085e+05	9.8459e+01
	-1.5688e+01	-3.3241e-01	2.2420e+03	3.2144e+03	3.8752e+05	-4.0449e+01
2488	4.1569e+02	-5.3155e+01	2.1048e+03	3.2144e+03	-5.3845e+05	1.2493e+04
	4.1569e+02	-5.3155e+01	2.1048e+03	3.2144e+03	3.5189e+05	9.9920e+03
2489	-4.3523e-01	3.1172e-01	2.1430e+03	3.2144e+03	-5.3083e+05	-6.7839e+01
	-4.3523e-01	3.1172e-01	2.1430e+03	3.2144e+03	3.7564e+05	-6.3168e+01
2490	3.9800e+02	5.2984e+01	2.1465e+03	3.2144e+03	-5.4833e+05	-1.3085e+04
	3.9800e+02	5.2984e+01	2.1465e+03	3.2144e+03	3.5966e+05	9.3287e+03
2491	-4.1170e+02	-5.2575e+01	2.1465e+03	3.2144e+03	-5.4832e+05	1.2975e+04
	-4.1170e+02	-5.2575e+01	2.1465e+03	3.2144e+03	3.5966e+05	-9.2664e+03
2492	-1.1555e+00	2.2641e-01	2.1986e+03	3.2144e+03	-5.5068e+05	-5.4629e+01
	-1.1555e+00	2.2641e-01	2.1986e+03	3.2144e+03	3.7932e+05	4.0865e+01
2493	-3.8993e+02	-6.8697e+01	2.0464e+03	3.2144e+03	-5.1761e+05	1.4973e+04
	-3.8993e+02	-6.8697e+01	2.0464e+03	3.2144e+03	3.4801e+05	-1.4087e+04
2494	-4.1706e+02	5.3174e+01	2.1048e+03	3.2144e+03	-5.3845e+05	-1.2495e+04
	-4.1706e+02	5.3174e+01	2.1048e+03	3.2144e+03	3.5189e+05	9.9981e+03
2495	8.5098e+02	1.1583e+02	2.2406e+03	3.2144e+03	-5.6038e+05	-2.8320e+04
	8.5098e+02	1.1583e+02	2.2406e+03	3.2144e+03	3.8742e+05	-2.0680e+04
2496	9.2593e+02	-1.5565e+02	2.1414e+03	3.2144e+03	-5.3033e+05	3.4001e+04
	9.2593e+02	-1.5565e+02	2.1414e+03	3.2144e+03	3.7549e+05	-3.1838e+04
2497	8.7652e+02	-1.2055e+02	2.1969e+03	3.2144e+03	-5.5012e+05	2.8420e+04
	8.7652e+02	-1.2055e+02	2.1969e+03	3.2144e+03	3.7919e+05	-2.2574e+04
2498	-1.0321e+03	-1.6116e+02	2.2424e+03	3.2144e+03	-5.6081e+05	3.9667e+04
	-1.0321e+03	-1.6116e+02	2.2424e+03	3.2144e+03	3.8776e+05	-2.8506e+04
2499	-8.9161e+02	-2.1005e+02	2.1421e+03	3.2144e+03	-5.3044e+05	4.5785e+04
	-8.9161e+02	-2.1005e+02	2.1421e+03	3.2144e+03	3.7569e+05	-4.3066e+04
2500	-9.9515e+02	-1.6090e+02	2.1984e+03	3.2144e+03	-5.5048e+05	3.7776e+04
	-9.9515e+02	-1.6090e+02	2.1984e+03	3.2144e+03	3.7945e+05	-3.0286e+04
2501	8.6669e+02	-2.2341e+02	2.1377e+03	3.2144e+03	-5.4675e+05	5.4604e+04
	8.6669e+02	-2.2341e+02	2.1377e+03	3.2144e+03	3.5753e+05	-3.9897e+04
2502	3.4309e+02	-2.9568e+02	2.0405e+03	3.2144e+03	-5.1682e+05	6.4631e+04
	3.4309e+02	-2.9568e+02	2.0405e+03	3.2144e+03	3.4631e+05	-6.0440e+04

2503	8.7834e+02	-2.2631e+02	2.0932e+03	3.2144e+03	-5.3630e+05	5.3404e+04
	8.7834e+02	-2.2631e+02	2.0932e+03	3.2144e+03	3.4912e+05	-4.2327e+04
2504	-1.7364e+03	-2.6881e+02	1.5990e+03	3.2144e+03	-4.5994e+05	6.6605e+04
	-1.7364e+03	-2.6881e+02	1.5990e+03	3.2144e+03	2.1649e+05	-4.7115e+04
2505	-1.0287e+03	-3.7820e+02	1.5349e+03	3.2144e+03	-4.3943e+05	8.3691e+04
	-1.0287e+03	-3.7820e+02	1.5349e+03	3.2144e+03	2.0983e+05	-7.6289e+04
2506	-9.8439e+02	3.0549e+02	1.5510e+03	3.2144e+03	-4.4747e+05	-7.2254e+04
	-9.8439e+02	3.0549e+02	1.5510e+03	3.2144e+03	2.0865e+05	5.6968e+04
2530	0.0000e+00	-4.4118e+01	0.0000e+00	3.1237e+03	0.0000e+00	5.0142e+03
	0.0000e+00	-4.4118e+01	0.0000e+00	3.1237e+03	0.0000e+00	3.2476e+03
	0.0000e+00	-7.6260e+01	0.0000e+00	4.8278e+03	0.0000e+00	1.1638e+04
	0.0000e+00	-7.6260e+01	0.0000e+00	4.8278e+03	0.0000e+00	-2.0830e+04
2531	0.0000e+00	5.4057e+01	0.0000e+00	3.1918e+03	0.0000e+00	-2.4316e+03
	0.0000e+00	5.4057e+01	0.0000e+00	3.1918e+03	0.0000e+00	-3.8394e+02
	0.0000e+00	1.6016e+01	0.0000e+00	9.9192e+02	0.0000e+00	-1.7124e+03
	0.0000e+00	1.6016e+01	0.0000e+00	9.9192e+02	0.0000e+00	4.0862e+03
2532	0.0000e+00	-3.0812e+01	0.0000e+00	3.3480e+03	0.0000e+00	1.9677e+03
	0.0000e+00	-3.0812e+01	0.0000e+00	3.3480e+03	0.0000e+00	6.0988e+02
	0.0000e+00	-1.9285e+01	0.0000e+00	1.3942e+03	0.0000e+00	2.5550e+03
	0.0000e+00	-1.9285e+01	0.0000e+00	1.3942e+03	0.0000e+00	-4.6559e+03
2533	0.0000e+00	2.3166e+01	0.0000e+00	3.3483e+03	0.0000e+00	-2.2650e+03
	0.0000e+00	2.3166e+01	0.0000e+00	3.3483e+03	0.0000e+00	-1.2594e+03
	0.0000e+00	3.8271e+01	0.0000e+00	1.4139e+03	0.0000e+00	-5.2880e+03
	0.0000e+00	3.8271e+01	0.0000e+00	1.4139e+03	0.0000e+00	8.1179e+03
2534	0.0000e+00	-9.0764e+00	0.0000e+00	3.5473e+03	0.0000e+00	7.4680e+02
	0.0000e+00	-9.0764e+00	0.0000e+00	3.5473e+03	0.0000e+00	3.5803e+02
	0.0000e+00	-1.0301e+01	0.0000e+00	9.6121e+02	0.0000e+00	1.4775e+03
	0.0000e+00	-1.0301e+01	0.0000e+00	9.6121e+02	0.0000e+00	-2.3265e+03
2535	0.0000e+00	-7.3064e-01	0.0000e+00	3.3819e+03	0.0000e+00	-2.6005e+01
	0.0000e+00	-7.3064e-01	0.0000e+00	3.3819e+03	0.0000e+00	-5.9160e+01
	0.0000e+00	2.9885e+00	0.0000e+00	1.2684e+03	0.0000e+00	-2.4462e+02
	0.0000e+00	2.9885e+00	0.0000e+00	1.2684e+03	0.0000e+00	7.9835e+02
2536	0.0000e+00	8.1375e+00	0.0000e+00	3.5479e+03	0.0000e+00	-7.7836e+02
	0.0000e+00	8.1375e+00	0.0000e+00	3.5479e+03	0.0000e+00	-4.4103e+02
	0.0000e+00	1.4203e+01	0.0000e+00	9.6058e+02	0.0000e+00	-1.8177e+03
	0.0000e+00	1.4203e+01	0.0000e+00	9.6058e+02	0.0000e+00	3.2627e+03
2537	0.0000e+00	-2.3024e+01	0.0000e+00	3.3508e+03	0.0000e+00	2.2631e+03
	0.0000e+00	-2.3024e+01	0.0000e+00	3.3508e+03	0.0000e+00	1.2543e+03
	0.0000e+00	-3.8453e+01	0.0000e+00	1.4071e+03	0.0000e+00	5.2628e+03
	0.0000e+00	-3.8453e+01	0.0000e+00	1.4071e+03	0.0000e+00	-8.2588e+03
2538	0.0000e+00	3.0315e+01	0.0000e+00	3.3335e+03	0.0000e+00	-1.9243e+03
	0.0000e+00	3.0315e+01	0.0000e+00	3.3335e+03	0.0000e+00	-5.9336e+02
	0.0000e+00	1.9416e+01	0.0000e+00	1.3997e+03	0.0000e+00	-2.4709e+03
	0.0000e+00	1.9416e+01	0.0000e+00	1.3997e+03	0.0000e+00	4.7299e+03
2539	0.0000e+00	-5.5168e+01	0.0000e+00	3.1864e+03	0.0000e+00	2.4140e+03
	0.0000e+00	-5.5168e+01	0.0000e+00	3.1864e+03	0.0000e+00	4.9543e+02
	0.0000e+00	-2.3663e+01	0.0000e+00	1.0038e+03	0.0000e+00	2.1646e+03
	0.0000e+00	-2.3663e+01	0.0000e+00	1.0038e+03	0.0000e+00	-6.2666e+03
2540	0.0000e+00	4.5050e+01	0.0000e+00	3.1441e+03	0.0000e+00	-4.9964e+03
	0.0000e+00	4.5050e+01	0.0000e+00	3.1441e+03	0.0000e+00	-3.1997e+03
	0.0000e+00	7.3944e+01	0.0000e+00	4.9318e+03	0.0000e+00	-1.1456e+04

0.0000e+00 7.3944e+01 0.0000e+00 4.9318e+03 0.0000e+00 2.0846e+04

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-8.0288e+02	0.0000e+00	6.2388e+00	0.0000e+00	4.8152e+04
	0.0000e+00	-8.0288e+02	0.0000e+00	6.2388e+00	0.0000e+00	-1.0200e+05
630	0.0000e+00	-5.9628e+02	0.0000e+00	1.1448e+03	0.0000e+00	3.2570e+04
	0.0000e+00	-5.9628e+02	0.0000e+00	1.1448e+03	0.0000e+00	-7.8943e+04
631	0.0000e+00	-5.9554e+02	0.0000e+00	-1.0282e+03	0.0000e+00	3.2510e+04
	0.0000e+00	-5.9554e+02	0.0000e+00	-1.0282e+03	0.0000e+00	-7.8862e+04
632	-7.4047e+02	9.1064e+02	-3.6924e+00	5.3899e+01	4.2835e+02	-1.1201e+05
	-7.4047e+02	9.1064e+02	-3.6924e+00	5.3899e+01	-4.3445e+01	-1.5823e-10
633	-8.9854e+02	1.1653e+03	-1.4449e+00	5.5343e+01	2.2469e+02	-1.4333e+05
	-8.9854e+02	1.1653e+03	-1.4449e+00	5.5343e+01	-4.4608e+01	-2.2062e-10
634	-1.0784e+03	1.3605e+03	2.1187e+00	5.2947e+01	-3.0414e+02	-1.6734e+05
	-1.0784e+03	1.3605e+03	2.1187e+00	5.2947e+01	-4.2677e+01	9.7244e-10
635	-1.1834e+03	1.4906e+03	-1.9089e+00	5.5161e+01	2.8108e+02	-1.8334e+05
	-1.1834e+03	1.4906e+03	-1.9089e+00	5.5161e+01	-4.4461e+01	1.8439e-09
636	-1.3575e+03	1.7179e+03	2.3617e+00	5.2988e+01	-3.3403e+02	-2.1130e+05
	-1.3575e+03	1.7179e+03	2.3617e+00	5.2988e+01	-4.2711e+01	-9.4685e-10
637	-1.3518e+03	1.6967e+03	2.3596e+00	5.3522e+01	-3.3358e+02	-2.0869e+05
	-1.3518e+03	1.6967e+03	2.3596e+00	5.3522e+01	-4.3141e+01	-9.3900e-10
638	-1.3709e+03	1.7349e+03	2.3137e+00	5.3911e+01	-3.2804e+02	-2.1339e+05
	-1.3709e+03	1.7349e+03	2.3137e+00	5.3911e+01	-4.3454e+01	-9.6014e-10
639	-1.1935e+03	1.5043e+03	2.2707e+00	5.2133e+01	-3.2558e+02	-1.8503e+05
	-1.1935e+03	1.5043e+03	2.2707e+00	5.2133e+01	-4.2021e+01	-5.0375e-10
640	-1.1084e+03	1.3988e+03	2.1759e+00	5.3554e+01	-3.1081e+02	-1.7205e+05
	-1.1084e+03	1.3988e+03	2.1759e+00	5.3554e+01	-4.3166e+01	2.1354e-10
641	-9.0752e+02	1.1617e+03	1.8339e+00	5.2246e+01	-2.7342e+02	-1.4289e+05
	-9.0752e+02	1.1617e+03	1.8339e+00	5.2246e+01	-4.2112e+01	-2.6998e-10
642	-8.1954e+02	1.0215e+03	4.7063e+00	-4.0972e+01	-5.2664e+02	-1.2565e+05
	-8.1954e+02	1.0215e+03	4.7063e+00	-4.0972e+01	3.3024e+01	3.6014e-10
654	0.0000e+00	1.4100e+02	0.0000e+00	1.6201e+04	0.0000e+00	1.0315e+04
	0.0000e+00	-6.2944e+02	0.0000e+00	3.2570e+04	0.0000e+00	-1.1448e+03
655	0.0000e+00	-1.1282e+02	0.0000e+00	4.5539e+03	0.0000e+00	7.0905e+03
	0.0000e+00	1.1433e+02	0.0000e+00	1.6201e+04	0.0000e+00	1.0315e+04
656	0.0000e+00	-1.0842e+02	0.0000e+00	-1.5968e+03	0.0000e+00	7.2301e+03
	0.0000e+00	1.0491e+02	0.0000e+00	4.5539e+03	0.0000e+00	7.0905e+03
657	0.0000e+00	-1.4394e+02	0.0000e+00	-1.2210e+04	0.0000e+00	1.1467e+04
	0.0000e+00	1.2834e+02	0.0000e+00	-1.5968e+03	0.0000e+00	7.2301e+03
658	0.0000e+00	4.2655e+02	0.0000e+00	-2.4072e+04	0.0000e+00	-3.7480e+04
	0.0000e+00	1.4440e+02	0.0000e+00	-1.2210e+04	0.0000e+00	1.1467e+04
659	0.0000e+00	-1.4560e+02	0.0000e+00	1.2218e+04	0.0000e+00	1.1563e+04
	0.0000e+00	-4.2659e+02	0.0000e+00	2.4079e+04	0.0000e+00	-3.7481e+04
660	0.0000e+00	-1.2902e+02	0.0000e+00	1.6056e+03	0.0000e+00	7.2420e+03
	0.0000e+00	1.4533e+02	0.0000e+00	1.2218e+04	0.0000e+00	1.1563e+04
661	0.0000e+00	-1.0628e+02	0.0000e+00	-4.5340e+03	0.0000e+00	7.0843e+03
	0.0000e+00	1.0945e+02	0.0000e+00	1.6056e+03	0.0000e+00	7.2420e+03
662	0.0000e+00	-1.3099e+02	0.0000e+00	-1.6167e+04	0.0000e+00	1.1442e+04
	0.0000e+00	1.1698e+02	0.0000e+00	-4.5340e+03	0.0000e+00	7.0843e+03
663	0.0000e+00	6.2844e+02	0.0000e+00	-3.2510e+04	0.0000e+00	-1.0282e+03
	0.0000e+00	-1.5256e+02	0.0000e+00	-1.6167e+04	0.0000e+00	1.1442e+04

664	0.0000e+00	-6.2749e+02	0.0000e+00	5.1695e+04	0.0000e+00	2.8269e+04
	0.0000e+00	9.1361e+02	0.0000e+00	-6.8612e+04	0.0000e+00	3.1073e+03
665	0.0000e+00	-6.7323e+02	0.0000e+00	9.3385e+04	0.0000e+00	4.1371e+04
	0.0000e+00	4.7217e+02	0.0000e+00	-4.3088e+04	0.0000e+00	2.8106e+04
666	0.0000e+00	-6.4369e+02	0.0000e+00	7.2251e+04	0.0000e+00	4.3317e+04
	0.0000e+00	6.1348e+02	0.0000e+00	-2.3272e+04	0.0000e+00	4.0681e+04
667	0.0000e+00	-8.0060e+02	0.0000e+00	9.7792e+04	0.0000e+00	5.1068e+04
	0.0000e+00	7.5851e+02	0.0000e+00	-5.7112e+04	0.0000e+00	4.3571e+04
668	0.0000e+00	-7.9391e+02	0.0000e+00	7.5785e+04	0.0000e+00	4.6541e+04
	0.0000e+00	7.9019e+02	0.0000e+00	-5.4588e+04	0.0000e+00	5.0627e+04
669	0.0000e+00	-7.9727e+02	0.0000e+00	5.7579e+04	0.0000e+00	5.1311e+04
	0.0000e+00	7.9409e+02	0.0000e+00	-7.3208e+04	0.0000e+00	4.6456e+04
670	0.0000e+00	-7.6641e+02	0.0000e+00	5.9955e+04	0.0000e+00	4.3855e+04
	0.0000e+00	8.0841e+02	0.0000e+00	-9.6426e+04	0.0000e+00	5.1595e+04
671	0.0000e+00	-6.3123e+02	0.0000e+00	2.6723e+04	0.0000e+00	4.2250e+04
	0.0000e+00	6.4900e+02	0.0000e+00	-7.0103e+04	0.0000e+00	4.3442e+04
672	0.0000e+00	-4.6811e+02	0.0000e+00	4.6571e+04	0.0000e+00	2.7198e+04
	0.0000e+00	6.8967e+02	0.0000e+00	-9.3077e+04	0.0000e+00	4.2818e+04
673	0.0000e+00	-9.9953e+02	0.0000e+00	7.9673e+04	0.0000e+00	3.3608e+03
	0.0000e+00	6.4687e+02	0.0000e+00	-4.5831e+04	0.0000e+00	2.7271e+04
2422	1.3827e-14	-1.7836e+00	1.7877e-13	-7.2831e+02	-4.0882e-11	3.4551e+02
	1.3827e-14	-1.7836e+00	1.7877e-13	-7.2831e+02	5.2495e-11	-3.6871e+02
2423	7.2671e-15	-7.5770e-01	-4.4252e-14	1.7258e+02	2.3612e-11	1.8830e+02
	7.2671e-15	-7.5770e-01	-4.4252e-14	1.7258e+02	1.8694e-11	-1.4459e+02
2424	9.2043e-15	-5.0909e-01	-2.7908e-13	2.1898e+01	-9.3959e-11	3.3276e+01
	9.2043e-15	-5.0909e-01	-2.7908e-13	2.1898e+01	-5.5759e-11	-1.1363e+02
2425	-1.2036e-14	3.5833e-01	3.3468e-14	-1.1095e+02	-6.2111e-12	-7.8917e+01
	-1.2036e-14	3.5833e-01	3.3468e-14	-1.1095e+02	-9.6893e-12	7.6361e+01
2426	4.7312e-15	-5.4983e-01	-4.1852e-13	-4.1186e+01	6.0798e-12	9.0668e+01
	4.7312e-15	-5.4983e-01	-4.1852e-13	-4.1186e+01	-9.4392e-12	-1.0171e+02
2427	7.1628e-15	-2.4617e-01	4.1867e-13	3.9774e+01	-9.4654e-12	4.8868e+01
	7.1628e-15	-2.4617e-01	4.1867e-13	3.9774e+01	6.1086e-12	-3.6241e+01
2428	-1.1705e-14	-7.2692e-01	-3.3536e-14	1.0977e+02	-9.6734e-12	1.7212e+02
	-1.1705e-14	-7.2692e-01	-3.3536e-14	1.0977e+02	-6.2325e-12	-1.4761e+02
2429	1.6125e-14	-4.8882e-01	2.8028e-13	-2.2594e+01	-5.5883e-11	-4.8141e+01
	1.6125e-14	-4.8882e-01	2.8028e-13	-2.2594e+01	-9.3835e-11	-1.1556e+02
2430	-6.5938e-15	3.5240e-01	4.4053e-14	-1.7386e+02	1.8731e-11	-7.4958e+01
	-6.5938e-15	3.5240e-01	4.4053e-14	-1.7386e+02	2.3575e-11	7.3672e+01
2431	-1.0359e-14	4.5882e-01	-1.7875e-13	7.2746e+02	5.2457e-11	-9.6016e+01
	-1.0359e-14	4.5882e-01	-1.7875e-13	7.2746e+02	-4.0844e-11	9.0675e+01
2432	5.8739e-15	1.4281e+01	1.7850e-13	-6.2936e+02	-4.0822e-11	-2.5997e+03
	5.8739e-15	1.4281e+01	1.7850e-13	-6.2936e+02	5.2434e-11	3.1129e+03
2433	-1.7032e-14	-4.3422e+00	-4.4148e-14	-1.0826e+02	2.3591e-11	9.0098e+02
	-1.7032e-14	-4.3422e+00	-4.4148e-14	-1.0826e+02	1.8711e-11	-1.0101e+03
2434	2.5225e-14	1.1723e+00	-2.7944e-13	-1.3360e+01	-9.3920e-11	-3.6485e+01
	2.5225e-14	1.1723e+00	-2.7944e-13	-1.3360e+01	-5.5774e-11	2.7583e+02
2435	1.1066e-14	7.7705e-01	3.3535e-14	4.4029e+01	-6.2112e-12	-1.1713e+02
	1.1066e-14	7.7705e-01	3.3535e-14	4.4029e+01	-9.6885e-12	2.3260e+02
2436	1.1935e-14	-1.4655e+01	1.7850e-13	-6.6795e+02	-4.0822e-11	2.6746e+03
	1.1935e-14	-1.4655e+01	1.7850e-13	-6.6795e+02	5.2434e-11	-3.1875e+03
2437	-1.8839e-14	4.5471e+00	-4.4043e-14	4.4617e+01	2.3566e-11	-9.6819e+02

	-1.8839e-14	4.5471e+00	-4.4043e-14	4.4617e+01	1.8740e-11	1.0325e+03
2438	-6.7417e-15	1.0445e-01	-2.7897e-13	1.1768e+01	-9.3984e-11	2.0467e+02
	-6.7417e-15	1.0445e-01	-2.7897e-13	1.1768e+01	-5.5773e-11	1.1236e+02
2439	9.8338e-15	-2.9840e+00	3.3312e-14	-4.4792e+01	-6.1812e-12	5.6610e+02
	9.8338e-15	-2.9840e+00	3.3312e-14	-4.4792e+01	-9.7201e-12	-7.4673e+02
2440	1.1065e-14	-9.4311e-01	-4.1852e-13	8.8922e+01	6.0807e-12	2.2634e+02
	1.1065e-14	-9.4311e-01	-4.1852e-13	8.8922e+01	-9.4437e-12	-9.5512e+01
2441	-9.6149e-15	-3.0195e+00	-4.1892e-13	4.6898e+00	6.1462e-12	4.9826e+02
	-9.6149e-15	-3.0195e+00	-4.1892e-13	4.6898e+00	-9.5079e-12	-5.5854e+02
2442	-8.6969e-15	1.8730e+00	4.1879e-13	-5.6771e+00	-9.4862e-12	-3.5479e+02
	-8.6969e-15	1.8730e+00	4.1879e-13	-5.6771e+00	6.1258e-12	3.0079e+02
2443	7.1622e-15	-1.5897e+00	-3.3488e-14	-4.6902e+01	-9.6812e-12	4.0694e+02
	7.1622e-15	-1.5897e+00	-3.3488e-14	-4.6902e+01	-6.2200e-12	-2.9645e+02
2444	2.3180e-14	-8.3173e-01	2.7985e-13	1.0329e+01	-5.5805e-11	1.2604e+02
	2.3180e-14	-8.3173e-01	2.7985e-13	1.0329e+01	-9.3887e-11	-1.8019e+02
2445	-1.7889e-14	3.6035e+00	4.4059e-14	1.0496e+02	1.8729e-11	-8.4339e+02
	-1.7889e-14	3.6035e+00	4.4059e-14	1.0496e+02	2.3587e-11	7.4294e+02
2446	-1.2868e-14	-1.5404e+01	-1.7857e-13	6.2700e+02	5.2435e-11	3.3487e+03
	-1.2868e-14	-1.5404e+01	-1.7857e-13	6.2700e+02	-4.0822e-11	-2.8128e+03
2447	-2.0572e-14	4.6889e-01	4.1906e-13	-9.1148e+01	-9.5339e-12	4.4660e+01
	-2.0572e-14	4.6889e-01	4.1906e-13	-9.1148e+01	6.1777e-12	9.4272e+01
2448	-2.0339e-14	2.0865e+00	-3.3546e-14	4.2444e+01	-9.6698e-12	-5.5230e+02
	-2.0339e-14	2.0865e+00	-3.3546e-14	4.2444e+01	-6.2314e-12	3.6523e+02
2449	1.6585e-14	-9.0463e-01	2.8089e-13	-9.6226e+00	-5.5932e-11	2.6991e+02
	1.6585e-14	-9.0463e-01	2.8089e-13	-9.6226e+00	-9.3786e-11	1.0491e+02
2450	-5.0297e-15	-5.4122e+00	4.3845e-14	-4.2831e+01	1.8786e-11	1.2251e+03
	-5.0297e-15	-5.4122e+00	4.3845e-14	-4.2831e+01	2.3542e-11	-1.1562e+03
2451	-5.5883e-15	1.3354e+01	-1.7857e-13	6.6509e+02	5.2417e-11	-2.9144e+03
	-5.5883e-15	1.3354e+01	-1.7857e-13	6.6509e+02	-4.0822e-11	2.4272e+03
2452	1.5763e-12	-1.5646e+03	-1.3242e-16	-4.5637e+02	-2.0926e-15	2.8755e+05
	1.5763e-12	-1.5646e+03	-1.3242e-16	-4.5637e+02	-5.1795e-15	-3.9461e+05
2453	-3.7567e-11	-2.5747e+03	2.1628e-16	-7.6727e+02	-4.8838e-14	4.4799e+05
	-3.7567e-11	-2.5747e+03	2.1628e-16	-7.6727e+02	-4.6223e-14	-3.3471e+05
2454	-5.3001e-11	-1.5575e+03	-8.2418e-17	2.7508e+02	-1.7561e-14	2.8575e+05
	-5.3001e-11	-1.5575e+03	-8.2418e-17	2.7508e+02	3.6403e-15	-3.9332e+05
2455	-1.9336e-11	-2.5608e+03	-1.7222e-16	2.2736e+02	6.2716e-14	4.4610e+05
	-1.9336e-11	-2.5608e+03	-1.7222e-16	2.2736e+02	-1.5342e-14	-3.3239e+05
2456	-8.2604e-12	-1.5538e+03	-1.0581e-16	3.6282e+01	-6.0015e-15	2.8571e+05
	-8.2604e-12	-1.5538e+03	-1.0581e-16	3.6282e+01	-8.4978e-15	-3.9175e+05
2457	3.5638e-11	-2.5351e+03	2.1628e-16	1.7217e+02	-4.8838e-14	4.4167e+05
	3.5638e-11	-2.5351e+03	2.1628e-16	1.7217e+02	-4.6223e-14	-3.2901e+05
2458	-1.1592e-11	-1.5534e+03	9.7993e-17	-1.1518e+02	1.4384e-14	2.8568e+05
	-1.1592e-11	-1.5534e+03	9.7993e-17	-1.1518e+02	-3.8237e-14	-3.9162e+05
2459	-5.6376e-11	-2.5342e+03	2.6606e-16	-2.4727e+02	-4.1731e-14	4.4148e+05
	-5.6376e-11	-2.5342e+03	2.6606e-16	-2.4727e+02	-3.0192e-14	-3.2892e+05
2460	3.3133e-11	-1.5534e+03	-1.1411e-16	5.8056e+01	1.2680e-14	2.8526e+05
	3.3133e-11	-1.5534e+03	-1.1411e-16	5.8056e+01	-1.5583e-15	-3.9204e+05
2461	-1.3984e-12	-2.5511e+03	-3.4752e-16	2.0243e+02	7.1937e-14	4.4431e+05
	-1.3984e-12	-2.5511e+03	-3.4752e-16	2.0243e+02	-2.5041e-14	-3.3122e+05
2462	2.9678e-15	-1.5493e+03	-5.6464e-17	-8.4509e+00	-3.7264e-15	2.8428e+05
	2.9678e-15	-1.5493e+03	-5.6464e-17	-8.4509e+00	-8.3557e-15	-3.9123e+05

2463 -7.0964e-14 -2.5606e+03 -2.9303e-16 -9.6982e+00 5.7161e-14 4.4615e+05
-7.0964e-14 -2.5606e+03 -2.9303e-16 -9.6982e+00 -2.3376e-14 -3.3227e+05

2464 -3.3202e-11 -1.5533e+03 1.0153e-16 -6.4706e+01 -6.0346e-15 2.8524e+05
-3.3202e-11 -1.5533e+03 1.0153e-16 -6.4706e+01 3.6928e-15 -3.9201e+05

2465 1.3983e-12 -2.5509e+03 3.1403e-16 -2.1057e+02 6.5973e-14 4.4428e+05
1.3983e-12 -2.5509e+03 3.1403e-16 -2.1057e+02 -3.6571e-14 -3.3120e+05

2466 1.1538e-11 -1.5532e+03 -9.3809e-17 1.0857e+02 -7.2758e-15 2.8564e+05
1.1538e-11 -1.5532e+03 -9.3809e-17 1.0857e+02 9.8055e-15 -3.9156e+05

2467 5.6375e-11 -2.5338e+03 2.6606e-16 2.3962e+02 -4.1731e-14 4.4141e+05
5.6375e-11 -2.5338e+03 2.6606e-16 2.3962e+02 -3.0192e-14 -3.2886e+05

2468 8.2212e-12 -1.5535e+03 -6.6452e-17 -4.2324e+01 -3.0622e-15 2.8565e+05
8.2212e-12 -1.5535e+03 -6.6452e-17 -4.2324e+01 7.3972e-15 -3.9167e+05

2469 -3.5523e-11 -2.5345e+03 -6.8152e-17 -1.7974e+02 -1.8447e-14 4.4157e+05
-3.5523e-11 -2.5345e+03 -6.8152e-17 -1.7974e+02 5.1121e-14 -3.2893e+05

2470 5.3025e-11 -1.5571e+03 -9.5415e-17 -2.8179e+02 -6.8079e-15 2.8567e+05
5.3025e-11 -1.5571e+03 -9.5415e-17 -2.8179e+02 1.0183e-14 -3.9321e+05

2471 1.9312e-11 -2.5600e+03 -2.8682e-16 -2.3619e+02 6.0156e-14 4.4596e+05
1.9312e-11 -2.5600e+03 -2.8682e-16 -2.3619e+02 -1.5689e-14 -3.3229e+05

2472 -1.5795e-12 -1.5639e+03 1.0116e-16 4.4863e+02 -5.6731e-15 2.8743e+05
-1.5795e-12 -1.5639e+03 1.0116e-16 4.4863e+02 3.8782e-15 -3.9445e+05

2473 3.7580e-11 -2.5737e+03 7.2405e-17 7.5747e+02 -4.9950e-14 4.4782e+05
3.7580e-11 -2.5737e+03 7.2405e-17 7.5747e+02 -4.3631e-14 -3.3458e+05

2474 2.5301e+03 2.4224e+03 -3.6409e+01 1.6282e+01 1.1444e+04 -5.7604e+05
2.5301e+03 2.4224e+03 -3.6409e+01 1.6282e+01 -3.9570e+03 4.4865e+05

2475 -1.0122e+03 3.0853e+03 -8.6172e-01 1.6282e+01 3.8166e+02 -6.8210e+05
-1.0122e+03 3.0853e+03 -8.6172e-01 1.6282e+01 -7.9667e+01 6.2296e+05

2476 -1.0027e+03 3.0178e+03 -2.2361e+00 1.6282e+01 5.1309e+02 -6.5931e+05
-1.0027e+03 3.0178e+03 -2.2361e+00 1.6282e+01 -4.3257e+02 6.1723e+05

2477 2.5445e+03 2.3748e+03 -6.5453e+00 1.6282e+01 1.3582e+03 -5.5916e+05
2.5445e+03 2.3748e+03 -6.5453e+00 1.6282e+01 -1.4087e+03 4.4539e+05

2478 -9.8201e+02 3.0077e+03 -3.5325e+00 1.6282e+01 1.0291e+03 -6.5742e+05
-9.8201e+02 3.0077e+03 -3.5325e+00 1.6282e+01 -4.6175e+02 6.1483e+05

2479 -9.8054e+02 3.0072e+03 4.1829e-01 1.6282e+01 -3.4969e+02 -6.5735e+05
-9.8054e+02 3.0072e+03 4.1829e-01 1.6282e+01 1.8560e+02 6.1468e+05

2480 -1.9508e+03 2.1943e+03 4.1477e+00 1.6282e+01 -1.5341e+03 -5.3665e+05
-1.9508e+03 2.1943e+03 4.1477e+00 1.6282e+01 2.0171e+02 3.9156e+05

2481 -1.8917e+03 2.1952e+03 -9.4812e+00 1.6282e+01 2.7901e+03 -5.3692e+05
-1.8917e+03 2.1952e+03 -9.4812e+00 1.6282e+01 -1.2198e+03 3.9165e+05

2482 -1.8416e+03 2.2076e+03 5.8184e+00 1.6282e+01 -1.1196e+03 -5.4102e+05
-1.8416e+03 2.2076e+03 5.8184e+00 1.6282e+01 1.3382e+03 3.9280e+05

2483 -1.6972e+03 2.2478e+03 3.3442e+01 1.6282e+01 -1.0583e+04 -5.5560e+05
-1.6972e+03 2.2478e+03 3.3442e+01 1.6282e+01 3.5647e+03 3.9524e+05

2484 2.4993e+03 2.3502e+03 1.0031e+01 1.6282e+01 -3.1057e+03 -5.5241e+05
2.4993e+03 2.3502e+03 1.0031e+01 1.6282e+01 1.1352e+03 4.4170e+05

2485 2.5029e+03 2.3490e+03 -1.0748e+01 1.6282e+01 3.3247e+03 -5.5209e+05
2.5029e+03 2.3490e+03 -1.0748e+01 1.6282e+01 -1.2200e+03 4.4153e+05

2486 -9.9922e+02 3.0147e+03 -1.7623e+00 1.6282e+01 4.9516e+02 -6.5888e+05
-9.9922e+02 3.0147e+03 -1.7623e+00 1.6282e+01 -2.4864e+02 6.1636e+05

2487 -2.0475e+03 2.1939e+03 -4.0869e-01 1.6282e+01 1.0482e+02 -5.3680e+05
-2.0475e+03 2.1939e+03 -4.0869e-01 1.6282e+01 -6.7918e+01 3.9124e+05

2488 2.5306e+03 2.3662e+03 -3.9809e-01 1.6282e+01 -2.6850e+02 -5.5672e+05

	2.5306e+03	2.3662e+03	-3.9809e-01	1.6282e+01	-4.7636e+02	4.4418e+05
2489	-1.0118e+03	3.0141e+03	-6.2366e-01	1.6282e+01	1.5427e+02	-6.5853e+05
	-1.0118e+03	3.0141e+03	-6.2366e-01	1.6282e+01	-1.0953e+02	6.1642e+05
2490	-2.0749e+03	2.1999e+03	-4.6563e+00	1.6282e+01	1.4529e+03	-5.3846e+05
	-2.0749e+03	2.1999e+03	-4.6563e+00	1.6282e+01	-5.1217e+02	3.9208e+05
2491	-2.0832e+03	2.1997e+03	2.7208e+00	1.6282e+01	-9.4994e+02	-5.3843e+05
	-2.0832e+03	2.1997e+03	2.7208e+00	1.6282e+01	-2.1208e+02	3.9205e+05
2492	2.5405e+03	2.3844e+03	-8.6432e-01	1.6282e+01	2.1330e+02	-5.6228e+05
	2.5405e+03	2.3844e+03	-8.6432e-01	1.6282e+01	-1.5232e+02	4.4633e+05
2493	-9.9868e+02	3.0145e+03	9.9319e-01	1.6282e+01	-2.6328e+02	-6.5884e+05
	-9.9868e+02	3.0145e+03	9.9319e-01	1.6282e+01	1.4497e+02	6.1631e+05
2494	2.5312e+03	2.3660e+03	-1.1530e+00	1.6282e+01	6.6230e+02	-5.5668e+05
	2.5312e+03	2.3660e+03	-1.1530e+00	1.6282e+01	1.6718e+02	4.4415e+05
2495	-1.9570e+03	2.1940e+03	-6.6044e+00	1.6282e+01	2.1319e+03	-5.3656e+05
	-1.9570e+03	2.1940e+03	-6.6044e+00	1.6282e+01	-6.7480e+02	3.9150e+05
2496	-9.8146e+02	3.0067e+03	-3.5662e+00	1.6282e+01	1.0380e+03	-6.5724e+05
	-9.8146e+02	3.0067e+03	-3.5662e+00	1.6282e+01	-4.6838e+02	6.1458e+05
2497	2.5015e+03	2.3486e+03	7.9251e+00	1.6282e+01	-2.6226e+03	-5.5200e+05
	2.5015e+03	2.3486e+03	7.9251e+00	1.6282e+01	7.2361e+02	4.4146e+05
2498	-1.9069e+03	2.1948e+03	7.2716e+00	1.6282e+01	-2.2377e+03	-5.3681e+05
	-1.9069e+03	2.1948e+03	7.2716e+00	1.6282e+01	8.4049e+02	3.9157e+05
2499	-9.8072e+02	3.0070e+03	3.1460e-01	1.6282e+01	-3.3648e+02	-6.5728e+05
	-9.8072e+02	3.0070e+03	3.1460e-01	1.6282e+01	1.8735e+02	6.1470e+05
2500	2.5003e+03	2.3496e+03	-1.2824e+01	1.6282e+01	3.8015e+03	-5.5229e+05
	2.5003e+03	2.3496e+03	-1.2824e+01	1.6282e+01	-1.6218e+03	4.4161e+05
2501	-1.8715e+03	2.2070e+03	-8.2003e+00	1.6282e+01	1.7315e+03	-5.4086e+05
	-1.8715e+03	2.2070e+03	-8.2003e+00	1.6282e+01	-1.7363e+03	3.9269e+05
2502	-1.0028e+03	3.0169e+03	1.0636e+00	1.6282e+01	-2.6593e+02	-6.5910e+05
	-1.0028e+03	3.0169e+03	1.0636e+00	1.6282e+01	1.7275e+02	6.1704e+05
2503	2.5491e+03	2.3741e+03	3.8170e+00	1.6282e+01	-6.5307e+02	-5.5899e+05
	2.5491e+03	2.3741e+03	3.8170e+00	1.6282e+01	9.5316e+02	4.4525e+05
2504	-1.7090e+03	2.2469e+03	-3.5194e+01	1.6282e+01	1.1087e+04	-5.5538e+05
	-1.7090e+03	2.2469e+03	-3.5194e+01	1.6282e+01	-3.8021e+03	3.9508e+05
2505	-1.0107e+03	3.0840e+03	-2.0492e+00	1.6282e+01	6.9747e+02	-6.8183e+05
	-1.0107e+03	3.0840e+03	-2.0492e+00	1.6282e+01	-1.7360e+02	6.2271e+05
2506	2.5250e+03	2.4215e+03	3.4344e+01	1.6282e+01	-1.0854e+04	-5.7582e+05
	2.5250e+03	2.4215e+03	3.4344e+01	1.6282e+01	3.6735e+03	4.4848e+05
2530	0.0000e+00	-1.6410e+02	0.0000e+00	-4.7255e+02	0.0000e+00	1.4923e+04
	0.0000e+00	-1.6410e+02	0.0000e+00	-4.7255e+02	0.0000e+00	8.0483e+03
	0.0000e+00	-2.1691e+02	0.0000e+00	-3.8699e+03	0.0000e+00	3.3956e+04
	0.0000e+00	-2.1691e+02	0.0000e+00	-3.8699e+03	0.0000e+00	-4.9865e+04
2531	0.0000e+00	-5.0845e+02	0.0000e+00	2.1588e+02	0.0000e+00	3.1408e+04
	0.0000e+00	-5.0845e+02	0.0000e+00	2.1588e+02	0.0000e+00	9.6876e+03
	0.0000e+00	-2.5073e+02	0.0000e+00	1.4362e+02	0.0000e+00	4.0439e+04
	0.0000e+00	-2.5073e+02	0.0000e+00	1.4362e+02	0.0000e+00	-5.4674e+04
2532	0.0000e+00	-4.8266e+02	0.0000e+00	1.7376e+03	0.0000e+00	3.1337e+04
	0.0000e+00	-4.8266e+02	0.0000e+00	1.7376e+03	0.0000e+00	1.0541e+04
	0.0000e+00	-2.6626e+02	0.0000e+00	9.2201e+02	0.0000e+00	4.4311e+04
	0.0000e+00	-2.6626e+02	0.0000e+00	9.2201e+02	0.0000e+00	-5.7401e+04
2533	0.0000e+00	-4.8136e+02	0.0000e+00	-1.5863e+03	0.0000e+00	3.1355e+04
	0.0000e+00	-4.8136e+02	0.0000e+00	-1.5863e+03	0.0000e+00	1.0693e+04

	0.0000e+00	-2.7481e+02	0.0000e+00	7.3340e+02	0.0000e+00	4.4934e+04
	0.0000e+00	-2.7481e+02	0.0000e+00	7.3340e+02	0.0000e+00	-5.9942e+04
2534	0.0000e+00	-4.8255e+02	0.0000e+00	7.4267e+02	0.0000e+00	3.1213e+04
	0.0000e+00	-4.8255e+02	0.0000e+00	7.4267e+02	0.0000e+00	1.0667e+04
	0.0000e+00	-2.8108e+02	0.0000e+00	4.8965e+02	0.0000e+00	4.3643e+04
	0.0000e+00	-2.8108e+02	0.0000e+00	4.8965e+02	0.0000e+00	-6.3204e+04
2535	0.0000e+00	-4.7412e+02	0.0000e+00	-1.4321e+01	0.0000e+00	3.1226e+04
	0.0000e+00	-4.7412e+02	0.0000e+00	-1.4321e+01	0.0000e+00	1.0967e+04
	0.0000e+00	-2.8602e+02	0.0000e+00	-1.6995e+01	0.0000e+00	4.5050e+04
	0.0000e+00	-2.8602e+02	0.0000e+00	-1.6995e+01	0.0000e+00	-6.3952e+04
2536	0.0000e+00	-4.8254e+02	0.0000e+00	-7.4711e+02	0.0000e+00	3.1215e+04
	0.0000e+00	-4.8254e+02	0.0000e+00	-7.4711e+02	0.0000e+00	1.0654e+04
	0.0000e+00	-2.7982e+02	0.0000e+00	-4.9050e+02	0.0000e+00	4.3590e+04
	0.0000e+00	-2.7982e+02	0.0000e+00	-4.9050e+02	0.0000e+00	-6.2809e+04
2537	0.0000e+00	-4.8137e+02	0.0000e+00	1.5829e+03	0.0000e+00	3.1357e+04
	0.0000e+00	-4.8137e+02	0.0000e+00	1.5829e+03	0.0000e+00	1.0668e+04
	0.0000e+00	-2.7239e+02	0.0000e+00	-7.2182e+02	0.0000e+00	4.4833e+04
	0.0000e+00	-2.7239e+02	0.0000e+00	-7.2182e+02	0.0000e+00	-5.9159e+04
2538	0.0000e+00	-4.8267e+02	0.0000e+00	-1.7425e+03	0.0000e+00	3.1344e+04
	0.0000e+00	-4.8267e+02	0.0000e+00	-1.7425e+03	0.0000e+00	1.0510e+04
	0.0000e+00	-2.6302e+02	0.0000e+00	-9.1927e+02	0.0000e+00	4.4192e+04
	0.0000e+00	-2.6302e+02	0.0000e+00	-9.1927e+02	0.0000e+00	-5.6316e+04
2539	0.0000e+00	-5.0837e+02	0.0000e+00	-2.2066e+02	0.0000e+00	3.1417e+04
	0.0000e+00	-5.0837e+02	0.0000e+00	-2.2066e+02	0.0000e+00	9.6324e+03
	0.0000e+00	-2.4589e+02	0.0000e+00	-1.4423e+02	0.0000e+00	4.0224e+04
	0.0000e+00	-2.4589e+02	0.0000e+00	-1.4423e+02	0.0000e+00	-5.3141e+04
2540	0.0000e+00	-1.6405e+02	0.0000e+00	4.6146e+02	0.0000e+00	1.4915e+04
	0.0000e+00	-1.6405e+02	0.0000e+00	4.6146e+02	0.0000e+00	8.0052e+03
	0.0000e+00	-2.1050e+02	0.0000e+00	3.5868e+03	0.0000e+00	3.3794e+04
	0.0000e+00	-2.1050e+02	0.0000e+00	3.5868e+03	0.0000e+00	-4.7566e+04

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	2.0706e-01	0.0000e+00	-1.5383e+03	0.0000e+00	-2.4415e+01
	0.0000e+00	2.0706e-01	0.0000e+00	-1.5383e+03	0.0000e+00	1.4366e+01
630	0.0000e+00	-1.1703e+02	0.0000e+00	-4.4962e+03	0.0000e+00	8.2700e+03
	0.0000e+00	-1.1703e+02	0.0000e+00	-4.4962e+03	0.0000e+00	-1.3653e+04
631	0.0000e+00	1.1430e+02	0.0000e+00	-4.4335e+03	0.0000e+00	-8.0387e+03
	0.0000e+00	1.1430e+02	0.0000e+00	-4.4335e+03	0.0000e+00	1.3374e+04
632	7.1571e+02	-8.1526e+02	1.8582e+02	3.4560e+03	-2.5641e+04	1.0028e+05
	7.1571e+02	-8.1526e+02	1.8582e+02	3.4560e+03	-2.7857e+03	2.3151e-10
633	-4.4329e+02	5.0719e+02	1.8956e+02	3.4475e+03	-2.6093e+04	-6.2384e+04
	-4.4329e+02	5.0719e+02	1.8956e+02	3.4475e+03	-2.7788e+03	3.3473e-11
634	1.6632e+02	-1.9224e+02	1.8374e+02	3.3517e+03	-2.5301e+04	2.3645e+04
	1.6632e+02	-1.9224e+02	1.8374e+02	3.3517e+03	-2.7016e+03	-3.2503e-11
635	-1.3259e+02	1.5335e+02	1.8102e+02	3.3078e+03	-2.4931e+04	-1.8862e+04
	-1.3259e+02	1.5335e+02	1.8102e+02	3.3078e+03	-2.6662e+03	1.9145e-11
636	3.5728e+01	-4.1506e+01	1.7840e+02	3.2679e+03	-2.4576e+04	5.1053e+03
	3.5728e+01	-4.1506e+01	1.7840e+02	3.2679e+03	-2.6340e+03	-1.3495e-11
637	7.7875e+00	-9.0004e+00	1.7758e+02	3.2569e+03	-2.4467e+04	1.1070e+03
	7.7875e+00	-9.0004e+00	1.7758e+02	3.2569e+03	-2.6252e+03	9.2270e-12
638	-2.4416e+01	2.8268e+01	1.7803e+02	3.2668e+03	-2.4530e+04	-3.4769e+03

	-2.4416e+01	2.8268e+01	1.7803e+02	3.2668e+03	-2.6331e+03	2.5422e-11
639	1.2125e+02	-1.3979e+02	1.8014e+02	3.3055e+03	-2.4821e+04	1.7194e+04
	1.2125e+02	-1.3979e+02	1.8014e+02	3.3055e+03	-2.6643e+03	8.5087e-12
640	1.4213e+02	-1.6368e+02	1.8245e+02	3.3482e+03	-2.5140e+04	2.0133e+04
	1.4213e+02	-1.6368e+02	1.8245e+02	3.3482e+03	-2.6987e+03	5.0365e-11
641	4.5050e+02	-5.1553e+02	1.8746e+02	3.4435e+03	-2.5832e+04	6.3410e+04
	4.5050e+02	-5.1553e+02	1.8746e+02	3.4435e+03	-2.7756e+03	3.0130e-11
642	-7.1163e+02	8.1698e+02	1.9536e+02	3.5108e+03	-2.6856e+04	-1.0049e+05
	-7.1163e+02	8.1698e+02	1.9536e+02	3.5108e+03	-2.8298e+03	-1.7377e-10
654	0.0000e+00	6.0572e+01	0.0000e+00	4.6610e+03	0.0000e+00	-9.6442e+03
	0.0000e+00	-1.8183e+02	0.0000e+00	8.2700e+03	0.0000e+00	4.4962e+03
655	0.0000e+00	1.1396e+01	0.0000e+00	2.5347e+03	0.0000e+00	-8.2707e+02
	0.0000e+00	-1.0304e+02	0.0000e+00	4.6610e+03	0.0000e+00	-9.6442e+03
656	0.0000e+00	-5.3769e+00	0.0000e+00	1.7758e+03	0.0000e+00	2.8241e+02
	0.0000e+00	-2.3875e+00	0.0000e+00	2.5347e+03	0.0000e+00	-8.2707e+02
657	0.0000e+00	1.2080e+00	0.0000e+00	1.1549e+03	0.0000e+00	-7.2473e+01
	0.0000e+00	3.0172e+00	0.0000e+00	1.7758e+03	0.0000e+00	2.8241e+02
658	0.0000e+00	4.2898e+00	0.0000e+00	1.0158e+03	0.0000e+00	-7.7332e+02
	0.0000e+00	-9.3583e-01	0.0000e+00	1.1549e+03	0.0000e+00	-7.2473e+01
659	0.0000e+00	-9.3552e-01	0.0000e+00	1.1324e+03	0.0000e+00	6.7281e+01
	0.0000e+00	4.1121e+00	0.0000e+00	1.0038e+03	0.0000e+00	7.6507e+02
660	0.0000e+00	3.5250e+00	0.0000e+00	1.7311e+03	0.0000e+00	-3.0284e+02
	0.0000e+00	1.1612e+00	0.0000e+00	1.1324e+03	0.0000e+00	6.7281e+01
661	0.0000e+00	-3.0756e+00	0.0000e+00	2.4669e+03	0.0000e+00	8.1070e+02
	0.0000e+00	-5.5930e+00	0.0000e+00	1.7311e+03	0.0000e+00	-3.0284e+02
662	0.0000e+00	-1.0039e+02	0.0000e+00	4.5319e+03	0.0000e+00	9.3617e+03
	0.0000e+00	1.1440e+01	0.0000e+00	2.4669e+03	0.0000e+00	8.1070e+02
663	0.0000e+00	-1.7084e+02	0.0000e+00	8.0387e+03	0.0000e+00	-4.4335e+03
	0.0000e+00	6.3032e+01	0.0000e+00	4.5319e+03	0.0000e+00	9.3617e+03
664	0.0000e+00	-9.4494e+01	0.0000e+00	7.3702e+04	0.0000e+00	3.2789e+04
	0.0000e+00	-7.4072e+02	0.0000e+00	9.1255e+04	0.0000e+00	2.6842e+04
665	0.0000e+00	1.5921e+02	0.0000e+00	-2.2597e+04	0.0000e+00	-1.8637e+04
	0.0000e+00	3.6238e+02	0.0000e+00	-2.2547e+04	0.0000e+00	3.6737e+04
666	0.0000e+00	1.3312e+02	0.0000e+00	-5.6814e+03	0.0000e+00	-1.4437e+04
	0.0000e+00	5.2548e+01	0.0000e+00	-3.7886e+03	0.0000e+00	6.9582e+03
667	0.0000e+00	9.0545e+01	0.0000e+00	-5.4580e+03	0.0000e+00	-1.3530e+04
	0.0000e+00	7.4654e+01	0.0000e+00	-1.0736e+04	0.0000e+00	1.2142e+04
668	0.0000e+00	8.2630e+01	0.0000e+00	-7.1194e+03	0.0000e+00	-1.2532e+04
	0.0000e+00	5.6238e+01	0.0000e+00	-8.6651e+03	0.0000e+00	1.1114e+04
669	0.0000e+00	6.6701e+01	0.0000e+00	-8.3682e+03	0.0000e+00	-1.1812e+04
	0.0000e+00	7.3716e+01	0.0000e+00	-7.4296e+03	0.0000e+00	1.2066e+04
670	0.0000e+00	8.3364e+01	0.0000e+00	-1.0696e+04	0.0000e+00	-1.2699e+04
	0.0000e+00	7.8842e+01	0.0000e+00	-5.9555e+03	0.0000e+00	1.2790e+04
671	0.0000e+00	6.6847e+01	0.0000e+00	-2.8584e+03	0.0000e+00	-9.0791e+03
	0.0000e+00	1.2291e+02	0.0000e+00	-3.5266e+03	0.0000e+00	1.3785e+04
672	0.0000e+00	3.6207e+02	0.0000e+00	-1.5171e+04	0.0000e+00	-3.6009e+04
	0.0000e+00	1.4211e+02	0.0000e+00	-1.7068e+04	0.0000e+00	1.6311e+04
673	0.0000e+00	-7.3677e+02	0.0000e+00	9.1603e+04	0.0000e+00	-2.7895e+04
	0.0000e+00	-1.1914e+02	0.0000e+00	7.4884e+04	0.0000e+00	-3.4352e+04
2422	1.5674e-11	4.6228e+02	-2.5543e-14	-2.1652e+02	9.0948e-13	-8.7770e+04
	1.5674e-11	4.6228e+02	-2.5543e-14	-2.1652e+02	-9.0949e-13	9.7141e+04

2423	1.4675e-11	3.2236e+02	-7.1058e-15	-1.7126e+02	-8.7716e-16	-6.9937e+04
	1.4675e-11	3.2236e+02	-7.1058e-15	-1.7126e+02	7.5060e-16	7.1903e+04
2424	-1.5067e-11	7.3513e+02	-3.8302e-14	-1.4319e+02	-3.6380e-12	-1.0293e+05
	-1.5067e-11	7.3513e+02	-3.8302e-14	-1.4319e+02	3.6379e-12	1.0291e+05
2425	1.4447e-11	3.2150e+02	1.7764e-15	-1.5054e+02	-1.3985e-12	-7.1649e+04
	1.4447e-11	3.2150e+02	1.7764e-15	-1.5054e+02	6.0259e-16	6.9810e+04
2426	-1.6700e-11	5.0035e+02	-1.7663e-15	-1.4689e+02	-3.1969e-13	-8.6411e+04
	-1.6700e-11	5.0035e+02	-1.7663e-15	-1.4689e+02	8.8108e-16	8.8711e+04
2427	-1.7099e-11	5.0035e+02	8.8813e-16	-1.4696e+02	1.0484e-12	-8.8712e+04
	-1.7099e-11	5.0035e+02	8.8813e-16	-1.4696e+02	-6.9847e-13	8.6411e+04
2428	1.5328e-11	3.2150e+02	3.5789e-15	-1.5088e+02	-9.3884e-13	-6.9810e+04
	1.5328e-11	3.2150e+02	3.5789e-15	-1.5088e+02	1.2883e-12	7.1649e+04
2429	1.1951e-12	7.3512e+02	2.5041e-14	-1.4296e+02	-5.1626e-16	-1.0291e+05
	1.1951e-12	7.3512e+02	2.5041e-14	-1.4296e+02	-4.7249e-16	1.0293e+05
2430	1.2822e-11	3.2236e+02	9.4293e-15	-1.6657e+02	-1.8176e-12	-7.1902e+04
	1.2822e-11	3.2236e+02	9.4293e-15	-1.6657e+02	1.8174e-12	6.9936e+04
2431	-6.3012e-12	4.6229e+02	-2.8307e-14	-2.2164e+02	3.6382e-12	-9.7144e+04
	-6.3012e-12	4.6229e+02	-2.8307e-14	-2.2164e+02	-3.6409e-12	8.7771e+04
2432	5.5304e-12	4.7191e+02	-3.7409e-14	-5.2556e+02	-1.5040e-15	-8.9697e+04
	5.5304e-12	4.7191e+02	-3.7409e-14	-5.2556e+02	1.0927e-16	9.9068e+04
2433	-1.3154e-11	3.3063e+02	-7.1058e-15	-3.8839e+02	-5.0659e-12	-7.1725e+04
	-1.3154e-11	3.3063e+02	-7.1058e-15	-3.8839e+02	3.9748e-12	7.3752e+04
2434	4.3402e-12	7.5451e+02	3.0407e-14	-4.1524e+02	-8.3617e-12	-1.0564e+05
	4.3402e-12	7.5451e+02	3.0407e-14	-4.1524e+02	6.9042e-12	1.0562e+05
2435	-1.5602e-11	3.2968e+02	3.5527e-15	3.9481e+02	2.6882e-12	-7.3476e+04
	-1.5602e-11	3.2968e+02	3.5527e-15	3.9481e+02	1.9872e-12	7.1582e+04
2436	2.7883e-12	4.6461e+02	-3.7409e-14	-3.0166e+02	-1.5040e-15	-8.8315e+04
	2.7883e-12	4.6461e+02	-3.7409e-14	-3.0166e+02	1.0927e-16	9.7531e+04
2437	1.1232e-11	3.2716e+02	-2.5221e-18	-3.6951e+02	-8.4968e-16	-7.0961e+04
	1.1232e-11	3.2716e+02	-2.5221e-18	-3.6951e+02	7.0603e-16	7.2988e+04
2438	1.3830e-11	7.4514e+02	5.1965e-14	3.4007e+02	-4.8548e-12	-1.0433e+05
	1.3830e-11	7.4514e+02	5.1965e-14	3.4007e+02	3.7441e-12	1.0431e+05
2439	1.1683e-11	3.2623e+02	-3.5805e-15	-3.4749e+02	-2.5325e-12	-7.2705e+04
	1.1683e-11	3.2623e+02	-3.5805e-15	-3.4749e+02	-8.2844e-13	7.0836e+04
2440	-6.7169e-12	5.0725e+02	-1.7663e-15	-3.4232e+02	1.3995e-12	-8.7603e+04
	-6.7169e-12	5.0725e+02	-1.7663e-15	-3.4232e+02	-1.3664e-12	8.9936e+04
2441	1.7391e-11	5.1316e+02	1.7864e-15	-4.0738e+02	2.2683e-13	-8.8621e+04
	1.7391e-11	5.1316e+02	1.7864e-15	-4.0738e+02	4.9616e-13	9.0985e+04
2442	-1.8086e-11	5.1316e+02	-5.2899e-18	-4.0752e+02	-4.0763e-13	-9.0985e+04
	-1.8086e-11	5.1316e+02	-5.2899e-18	-4.0752e+02	-9.6122e-16	8.8620e+04
2443	-1.5606e-11	3.2966e+02	5.4662e-15	3.9530e+02	-9.0941e-13	-7.1579e+04
	-1.5606e-11	3.2966e+02	5.4662e-15	3.9530e+02	9.0940e-13	7.3472e+04
2444	3.4507e-12	7.5445e+02	2.4764e-17	-4.1611e+02	-6.9042e-12	-1.0561e+05
	3.4507e-12	7.5445e+02	2.4764e-17	-4.1611e+02	7.7878e-12	1.0563e+05
2445	-1.3607e-11	3.3078e+02	2.5304e-18	-3.8608e+02	-1.8189e-12	-7.3784e+04
	-1.3607e-11	3.3078e+02	2.5304e-18	-3.8608e+02	3.2691e-12	7.1757e+04
2446	5.9884e-12	4.7187e+02	-4.4708e-18	-5.2388e+02	1.1492e-16	-9.9062e+04
	5.9884e-12	4.7187e+02	-4.4708e-18	-5.2388e+02	-1.5042e-15	8.9686e+04
2447	-7.4500e-12	5.0725e+02	-5.2904e-18	-3.4228e+02	-1.5704e-12	-8.9936e+04
	-7.4500e-12	5.0725e+02	-5.2904e-18	-3.4228e+02	-8.5499e-13	8.7603e+04
2448	1.5231e-11	3.2623e+02	1.0353e-14	-3.4745e+02	-4.5441e-13	-7.0836e+04

	1.5231e-11	3.2623e+02	1.0353e-14	-3.4745e+02	4.5432e-13	7.2704e+04
2449	-1.2492e-11	7.4513e+02	5.8107e-14	3.3988e+02	-3.6380e-12	-1.0431e+05
	-1.2492e-11	7.4513e+02	5.8107e-14	3.3988e+02	3.6379e-12	1.0432e+05
2450	-1.5856e-11	3.2717e+02	-1.2771e-14	-3.6900e+02	5.3250e-12	-7.2990e+04
	-1.5856e-11	3.2717e+02	-1.2771e-14	-3.6900e+02	1.8189e-12	7.0964e+04
2451	6.6215e-12	4.6467e+02	-4.4708e-18	-3.0736e+02	3.5569e-12	-9.7542e+04
	6.6215e-12	4.6467e+02	-4.4708e-18	-3.0736e+02	-1.5042e-15	8.8324e+04
2452	-1.2184e-15	-8.1802e+01	-3.5743e-14	-1.3492e+03	1.6242e-11	1.4802e+04
	-1.2184e-15	-8.1802e+01	-3.5743e-14	-1.3492e+03	1.5315e-11	-2.0874e+04
2453	1.4809e-15	1.5102e+02	-1.3509e-13	1.8835e+03	-4.1715e-11	-2.5802e+04
	1.4809e-15	1.5102e+02	-1.3509e-13	1.8835e+03	1.5163e-11	2.0125e+04
2454	1.1053e-15	-7.3264e+01	6.0161e-14	-1.1629e+03	-1.6710e-11	1.3677e+04
	1.1053e-15	-7.3264e+01	6.0161e-14	-1.1629e+03	8.8512e-12	-1.8267e+04
2455	1.2111e-15	-1.0880e+02	1.8153e-13	1.6036e+03	2.3625e-11	1.9188e+04
	1.2111e-15	-1.0880e+02	1.8153e-13	1.6036e+03	-1.2078e-11	-1.3887e+04
2456	-2.5706e-16	-5.1845e+01	-3.6743e-14	-1.1098e+03	1.6542e-11	9.5993e+03
	-2.5706e-16	-5.1845e+01	-3.6743e-14	-1.1098e+03	1.4620e-11	-1.3005e+04
2457	2.2139e-16	-7.8629e+01	-1.3509e-13	1.4336e+03	-4.1715e-11	1.3826e+04
	2.2139e-16	-7.8629e+01	-1.3509e-13	1.4336e+03	1.5163e-11	-1.0077e+04
2458	2.3059e-12	-3.7834e+01	-4.6956e-14	-1.1049e+03	-1.2756e-11	7.0137e+03
	2.3059e-12	-3.7834e+01	-4.6956e-14	-1.1049e+03	-1.0234e-11	-9.4821e+03
2459	-1.4164e-15	-5.8524e+01	-1.7736e-13	1.4466e+03	3.6848e-11	1.0280e+04
	-1.4164e-15	-5.8524e+01	-1.7736e-13	1.4466e+03	8.7414e-12	-7.5120e+03
2460	1.0786e-15	-1.6840e+01	-3.5348e-14	-1.1996e+03	1.6745e-11	3.1038e+03
	1.0786e-15	-1.6840e+01	-3.5348e-14	-1.1996e+03	1.4468e-11	-4.2386e+03
2461	1.1296e-15	2.5977e+01	2.1163e-13	1.5449e+03	2.8112e-11	-4.5598e+03
	1.1296e-15	2.5977e+01	2.1163e-13	1.5449e+03	4.2596e-12	3.3374e+03
2462	2.0748e-15	8.3937e-02	4.9441e-14	-1.1081e+03	-1.4864e-11	-1.8369e+01
	2.0748e-15	8.3937e-02	4.9441e-14	-1.1081e+03	6.8525e-12	1.8009e+01
2463	-1.5857e-15	-7.4398e-02	1.8593e-13	1.4522e+03	2.3694e-11	1.8678e+01
	-1.5857e-15	-7.4398e-02	1.8593e-13	1.4522e+03	-1.1063e-11	-1.1249e+01
2464	-1.0800e-15	1.6721e+01	5.7240e-14	-1.1999e+03	-1.5800e-11	-3.0798e+03
	-1.0800e-15	1.6721e+01	5.7240e-14	-1.1999e+03	8.1060e-12	4.2105e+03
2465	-1.1297e-15	-2.6032e+01	-2.1430e-13	1.5444e+03	3.1040e-11	4.5626e+03
	-1.1297e-15	-2.6032e+01	-2.1430e-13	1.5444e+03	3.8405e-12	-3.3515e+03
2466	1.1234e-15	3.7669e+01	-4.3028e-14	-1.1052e+03	1.7769e-11	-6.9795e+03
	1.1234e-15	3.7669e+01	-4.3028e-14	-1.1052e+03	1.1244e-11	9.4443e+03
2467	1.4160e-15	5.8581e+01	-1.7736e-13	1.4459e+03	3.6848e-11	-1.0282e+04
	1.4160e-15	5.8581e+01	-1.7736e-13	1.4459e+03	8.7414e-12	7.5270e+03
2468	-2.6536e-12	5.1658e+01	4.3073e-14	-1.1099e+03	1.3550e-11	-9.5580e+03
	-2.6536e-12	5.1658e+01	4.3073e-14	-1.1099e+03	5.5329e-12	1.2965e+04
2469	1.0757e-11	7.8725e+01	1.7523e-14	1.4338e+03	-2.5064e-11	-1.3834e+04
	1.0757e-11	7.8725e+01	1.7523e-14	1.4338e+03	-2.8594e-11	1.0099e+04
2470	4.7780e-12	7.3490e+01	-4.0842e-14	-1.1630e+03	1.7005e-11	-1.3719e+04
	4.7780e-12	7.3490e+01	-4.0842e-14	-1.1630e+03	1.4778e-11	1.8323e+04
2471	1.8190e-12	1.0891e+02	1.9182e-13	1.5972e+03	2.2243e-11	-1.9215e+04
	1.8190e-12	1.0891e+02	1.9182e-13	1.5972e+03	-1.2719e-11	1.3895e+04
2472	1.5047e-15	8.2227e+01	5.7240e-14	-1.3534e+03	-1.5800e-11	-1.4901e+04
	1.5047e-15	8.2227e+01	5.7240e-14	-1.3534e+03	8.1573e-12	2.0959e+04
2473	-2.2539e-15	-1.5012e+02	-1.2513e-13	1.8780e+03	-3.6552e-11	2.5687e+04
	-2.2539e-15	-1.5012e+02	-1.2513e-13	1.8780e+03	1.7062e-11	-1.9964e+04

2474	4.7293e+02	-1.3975e+02	7.0694e+02	1.4652e+03	-2.0395e+05	3.3041e+04
	4.7293e+02	-1.3975e+02	7.0694e+02	1.4652e+03	9.5104e+04	-2.6074e+04
2475	4.6941e+02	1.7256e+02	6.9963e+02	1.4652e+03	-2.0030e+05	-3.8188e+04
	4.6941e+02	1.7256e+02	6.9963e+02	1.4652e+03	9.5646e+04	3.4804e+04
2476	-1.5615e+02	1.3463e+02	9.3009e+02	1.4652e+03	-2.3558e+05	-2.9439e+04
	-1.5615e+02	1.3463e+02	9.3009e+02	1.4652e+03	1.5785e+05	2.7511e+04
2477	-4.1668e+02	1.0306e+02	9.5407e+02	1.4652e+03	-2.4445e+05	-2.4321e+04
	-4.1668e+02	1.0306e+02	9.5407e+02	1.4652e+03	1.5913e+05	1.9275e+04
2478	4.0605e+02	9.5805e+01	9.7643e+02	1.4652e+03	-2.4178e+05	-2.0880e+04
	4.0605e+02	9.5805e+01	9.7643e+02	1.4652e+03	1.7125e+05	1.9646e+04
2479	-4.2235e+02	7.1011e+01	9.7610e+02	1.4652e+03	-2.4174e+05	-1.5508e+04
	-4.2235e+02	7.1011e+01	9.7610e+02	1.4652e+03	1.7116e+05	1.4529e+04
2480	-4.0005e+02	-5.3044e+01	1.0214e+03	1.4652e+03	-2.5545e+05	1.2975e+04
	-4.0005e+02	-5.3044e+01	1.0214e+03	1.4652e+03	1.7661e+05	9.4648e+03
2481	4.5887e+02	7.3661e+01	1.0220e+03	1.4652e+03	-2.5560e+05	-1.8130e+04
	4.5887e+02	7.3661e+01	1.0220e+03	1.4652e+03	1.7673e+05	1.3030e+04
2482	-3.4844e+02	1.0148e+02	9.7434e+02	1.4652e+03	-2.4920e+05	-2.4796e+04
	-3.4844e+02	1.0148e+02	9.7434e+02	1.4652e+03	1.6295e+05	1.8131e+04
2483	8.2279e+02	1.2203e+02	7.2899e+02	1.4652e+03	-2.0967e+05	-3.0232e+04
	8.2279e+02	1.2203e+02	7.2899e+02	1.4652e+03	9.8713e+04	2.1392e+04
2484	4.5167e+02	7.3299e+01	1.0021e+03	1.4652e+03	-2.5092e+05	-1.7209e+04
	4.5167e+02	7.3299e+01	1.0021e+03	1.4652e+03	1.7296e+05	1.3797e+04
2485	-4.0059e+02	5.4944e+01	1.0014e+03	1.4652e+03	-2.5076e+05	-1.2955e+04
	-4.0059e+02	5.4944e+01	1.0014e+03	1.4652e+03	1.7284e+05	1.0287e+04
2486	1.7751e+02	3.1356e+01	9.3278e+02	1.4652e+03	-2.3594e+05	-6.8306e+03
	1.7751e+02	3.1356e+01	9.3278e+02	1.4652e+03	1.5863e+05	6.4331e+03
2487	-7.1503e+00	-1.5146e-01	1.0219e+03	1.4652e+03	-2.5565e+05	4.4864e+01
	-7.1503e+00	-1.5146e-01	1.0219e+03	1.4652e+03	1.7664e+05	-1.8426e+01
2488	1.8948e+02	-2.4229e+01	9.5941e+02	1.4652e+03	-2.4544e+05	5.6945e+03
	1.8948e+02	-2.4229e+01	9.5941e+02	1.4652e+03	1.6040e+05	4.5545e+03
2489	-1.9836e-01	1.4209e-01	9.7680e+02	1.4652e+03	-2.4196e+05	-3.0923e+01
	-1.9836e-01	1.4209e-01	9.7680e+02	1.4652e+03	1.7122e+05	-2.8795e+01
2490	1.8142e+02	2.4151e+01	9.7843e+02	1.4652e+03	-2.4994e+05	-5.9646e+03
	1.8142e+02	2.4151e+01	9.7843e+02	1.4652e+03	1.6394e+05	4.2522e+03
2491	-1.8766e+02	-2.3965e+01	9.7842e+02	1.4652e+03	-2.4994e+05	5.9143e+03
	-1.8766e+02	-2.3965e+01	9.7842e+02	1.4652e+03	1.6394e+05	-4.2238e+03
2492	-5.2613e-01	1.0320e-01	1.0022e+03	1.4652e+03	-2.5101e+05	-2.4901e+01
	-5.2613e-01	1.0320e-01	1.0022e+03	1.4652e+03	1.7290e+05	1.8627e+01
2493	-1.7774e+02	-3.1314e+01	9.3278e+02	1.4652e+03	-2.3594e+05	6.8248e+03
	-1.7774e+02	-3.1314e+01	9.3278e+02	1.4652e+03	1.5863e+05	-6.4209e+03
2494	-1.9010e+02	2.4238e+01	9.5941e+02	1.4652e+03	-2.4544e+05	-5.6955e+03
	-1.9010e+02	2.4238e+01	9.5941e+02	1.4652e+03	1.6040e+05	4.5573e+03
2495	3.8789e+02	5.2798e+01	1.0213e+03	1.4652e+03	-2.5543e+05	-1.2909e+04
	3.8789e+02	5.2798e+01	1.0213e+03	1.4652e+03	1.7659e+05	-9.4263e+03
2496	4.2206e+02	-7.0947e+01	9.7610e+02	1.4652e+03	-2.4173e+05	1.5498e+04
	4.2206e+02	-7.0947e+01	9.7610e+02	1.4652e+03	1.7116e+05	-1.4512e+04
2497	3.9954e+02	-5.4949e+01	1.0014e+03	1.4652e+03	-2.5075e+05	1.2955e+04
	3.9954e+02	-5.4949e+01	1.0014e+03	1.4652e+03	1.7284e+05	-1.0290e+04
2498	-4.7045e+02	-7.3459e+01	1.0222e+03	1.4652e+03	-2.5563e+05	1.8081e+04
	-4.7045e+02	-7.3459e+01	1.0222e+03	1.4652e+03	1.7675e+05	-1.2994e+04
2499	-4.0641e+02	-9.5744e+01	9.7643e+02	1.4652e+03	-2.4178e+05	2.0870e+04

	-4.0641e+02	-9.5744e+01	9.7643e+02	1.4652e+03	1.7125e+05	-1.9630e+04
2500	-4.5361e+02	-7.3341e+01	1.0021e+03	1.4652e+03	-2.5092e+05	1.7219e+04
	-4.5361e+02	-7.3341e+01	1.0021e+03	1.4652e+03	1.7296e+05	-1.3805e+04
2501	3.9504e+02	-1.0183e+02	9.7441e+02	1.4652e+03	-2.4922e+05	2.4890e+04
	3.9504e+02	-1.0183e+02	9.7441e+02	1.4652e+03	1.6297e+05	-1.8186e+04
2502	1.5639e+02	-1.3477e+02	9.3010e+02	1.4652e+03	-2.3558e+05	2.9460e+04
	1.5639e+02	-1.3477e+02	9.3010e+02	1.4652e+03	1.5785e+05	-2.7550e+04
2503	4.0038e+02	-1.0316e+02	9.5411e+02	1.4652e+03	-2.4446e+05	2.4342e+04
	4.0038e+02	-1.0316e+02	9.5411e+02	1.4652e+03	1.5914e+05	-1.9294e+04
2504	-7.9148e+02	-1.2253e+02	7.2885e+02	1.4652e+03	-2.0965e+05	3.0360e+04
	-7.9148e+02	-1.2253e+02	7.2885e+02	1.4652e+03	9.8682e+04	-2.1476e+04
2505	-4.6889e+02	-1.7239e+02	6.9963e+02	1.4652e+03	-2.0030e+05	3.8148e+04
	-4.6889e+02	-1.7239e+02	6.9963e+02	1.4652e+03	9.5643e+04	-3.4774e+04
2506	-4.4871e+02	1.3925e+02	7.0698e+02	1.4652e+03	-2.0397e+05	-3.2935e+04
	-4.4871e+02	1.3925e+02	7.0698e+02	1.4652e+03	9.5105e+04	2.5967e+04
2530	0.0000e+00	-2.0110e+01	0.0000e+00	1.4238e+03	0.0000e+00	2.2856e+03
	0.0000e+00	-2.0110e+01	0.0000e+00	1.4238e+03	0.0000e+00	1.4803e+03
	0.0000e+00	-3.4757e+01	0.0000e+00	2.2006e+03	0.0000e+00	5.3049e+03
	0.0000e+00	-3.4757e+01	0.0000e+00	2.2006e+03	0.0000e+00	-9.4935e+03
2531	0.0000e+00	2.4640e+01	0.0000e+00	1.4549e+03	0.0000e+00	-1.1084e+03
	0.0000e+00	2.4640e+01	0.0000e+00	1.4549e+03	0.0000e+00	-1.7467e+02
	0.0000e+00	7.2827e+00	0.0000e+00	4.5214e+02	0.0000e+00	-7.7930e+02
	0.0000e+00	7.2827e+00	0.0000e+00	4.5214e+02	0.0000e+00	1.8577e+03
2532	0.0000e+00	-1.4045e+01	0.0000e+00	1.5261e+03	0.0000e+00	8.9691e+02
	0.0000e+00	-1.4045e+01	0.0000e+00	1.5261e+03	0.0000e+00	2.7789e+02
	0.0000e+00	-8.7823e+00	0.0000e+00	6.3552e+02	0.0000e+00	1.1642e+03
	0.0000e+00	-8.7823e+00	0.0000e+00	6.3552e+02	0.0000e+00	-2.1198e+03
2533	0.0000e+00	1.0559e+01	0.0000e+00	1.5262e+03	0.0000e+00	-1.0324e+03
	0.0000e+00	1.0559e+01	0.0000e+00	1.5262e+03	0.0000e+00	-5.7403e+02
	0.0000e+00	1.7442e+01	0.0000e+00	6.4448e+02	0.0000e+00	-2.4102e+03
	0.0000e+00	1.7442e+01	0.0000e+00	6.4448e+02	0.0000e+00	3.6994e+03
2534	0.0000e+00	-4.1370e+00	0.0000e+00	1.6169e+03	0.0000e+00	3.4041e+02
	0.0000e+00	-4.1370e+00	0.0000e+00	1.6169e+03	0.0000e+00	1.6316e+02
	0.0000e+00	-4.6927e+00	0.0000e+00	4.3814e+02	0.0000e+00	6.7335e+02
	0.0000e+00	-4.6927e+00	0.0000e+00	4.3814e+02	0.0000e+00	-1.0596e+03
2535	0.0000e+00	-3.3295e-01	0.0000e+00	1.5415e+03	0.0000e+00	-1.1850e+01
	0.0000e+00	-3.3295e-01	0.0000e+00	1.5415e+03	0.0000e+00	-2.6959e+01
	0.0000e+00	1.3619e+00	0.0000e+00	5.7815e+02	0.0000e+00	-1.1147e+02
	0.0000e+00	1.3619e+00	0.0000e+00	5.7815e+02	0.0000e+00	3.6382e+02
2536	0.0000e+00	3.7091e+00	0.0000e+00	1.6172e+03	0.0000e+00	-3.5479e+02
	0.0000e+00	3.7091e+00	0.0000e+00	1.6172e+03	0.0000e+00	-2.0102e+02
	0.0000e+00	6.4734e+00	0.0000e+00	4.3785e+02	0.0000e+00	-8.2851e+02
	0.0000e+00	6.4734e+00	0.0000e+00	4.3785e+02	0.0000e+00	1.4871e+03
2537	0.0000e+00	-1.0495e+01	0.0000e+00	1.5274e+03	0.0000e+00	1.0316e+03
	0.0000e+00	-1.0495e+01	0.0000e+00	1.5274e+03	0.0000e+00	5.7171e+02
	0.0000e+00	-1.7526e+01	0.0000e+00	6.4138e+02	0.0000e+00	2.3988e+03
	0.0000e+00	-1.7526e+01	0.0000e+00	6.4138e+02	0.0000e+00	-3.7641e+03
2538	0.0000e+00	1.3818e+01	0.0000e+00	1.5195e+03	0.0000e+00	-8.7712e+02
	0.0000e+00	1.3818e+01	0.0000e+00	1.5195e+03	0.0000e+00	-2.7041e+02
	0.0000e+00	8.8460e+00	0.0000e+00	6.3801e+02	0.0000e+00	-1.1261e+03
	0.0000e+00	8.8460e+00	0.0000e+00	6.3801e+02	0.0000e+00	2.1546e+03

2539	0.0000e+00	-2.5146e+01	0.0000e+00	1.4524e+03	0.0000e+00	1.1003e+03
	0.0000e+00	-2.5146e+01	0.0000e+00	1.4524e+03	0.0000e+00	2.2570e+02
	0.0000e+00	-1.0780e+01	0.0000e+00	4.5754e+02	0.0000e+00	9.8620e+02
	0.0000e+00	-1.0780e+01	0.0000e+00	4.5754e+02	0.0000e+00	-2.8548e+03
2540	0.0000e+00	2.0535e+01	0.0000e+00	1.4331e+03	0.0000e+00	-2.2775e+03
	0.0000e+00	2.0535e+01	0.0000e+00	1.4331e+03	0.0000e+00	-1.4585e+03
	0.0000e+00	3.3702e+01	0.0000e+00	2.2480e+03	0.0000e+00	-5.2219e+03
	0.0000e+00	3.3702e+01	0.0000e+00	2.2480e+03	0.0000e+00	9.5010e+03

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-3.6602e+02	0.0000e+00	2.9647e+00	0.0000e+00	2.1954e+04
	0.0000e+00	-3.6602e+02	0.0000e+00	2.9647e+00	0.0000e+00	-4.6497e+04
630	0.0000e+00	-2.7185e+02	0.0000e+00	5.2957e+02	0.0000e+00	1.4851e+04
	0.0000e+00	-2.7185e+02	0.0000e+00	5.2957e+02	0.0000e+00	-3.5990e+04
631	0.0000e+00	-2.7150e+02	0.0000e+00	-4.7283e+02	0.0000e+00	1.4822e+04
	0.0000e+00	-2.7150e+02	0.0000e+00	-4.7283e+02	0.0000e+00	-3.5951e+04
632	-3.5208e+02	4.3300e+02	-1.7534e+00	2.5621e+01	2.0334e+02	-5.3259e+04
	-3.5208e+02	4.3300e+02	-1.7534e+00	2.5621e+01	-2.0651e+01	-2.9803e-11
633	-4.2714e+02	5.5390e+02	-6.8779e-01	2.6307e+01	1.0692e+02	-6.8130e+04
	-4.2714e+02	5.5390e+02	-6.8779e-01	2.6307e+01	-2.1204e+01	-2.3976e-10
634	-5.1267e+02	6.4681e+02	1.0070e+00	2.5170e+01	-1.4455e+02	-7.9557e+04
	-5.1267e+02	6.4681e+02	1.0070e+00	2.5170e+01	-2.0288e+01	4.7508e-10
635	-5.6258e+02	7.0864e+02	-9.0800e-01	2.6217e+01	1.3368e+02	-8.7163e+04
	-5.6258e+02	7.0864e+02	-9.0800e-01	2.6217e+01	-2.1132e+01	6.9554e-10
636	-6.4535e+02	8.1668e+02	1.1222e+00	2.5187e+01	-1.5873e+02	-1.0045e+05
	-6.4535e+02	8.1668e+02	1.1222e+00	2.5187e+01	-2.0302e+01	-7.0571e-10
637	-6.4266e+02	8.0661e+02	1.1213e+00	2.5438e+01	-1.5853e+02	-9.9213e+04
	-6.4266e+02	8.0661e+02	1.1213e+00	2.5438e+01	-2.0504e+01	-4.7193e-10
638	-6.5171e+02	8.2475e+02	1.0996e+00	2.5621e+01	-1.5591e+02	-1.0144e+05
	-6.5171e+02	8.2475e+02	1.0996e+00	2.5621e+01	-2.0651e+01	-4.7913e-10
639	-5.6736e+02	7.1513e+02	1.0783e+00	2.4779e+01	-1.5463e+02	-8.7961e+04
	-5.6736e+02	7.1513e+02	1.0783e+00	2.4779e+01	-1.9973e+01	-2.2062e-10
640	-5.2691e+02	6.6496e+02	1.0340e+00	2.5448e+01	-1.4770e+02	-8.1791e+04
	-5.2691e+02	6.6496e+02	1.0340e+00	2.5448e+01	-2.0512e+01	-1.2886e-11
641	-4.3140e+02	5.5224e+02	8.7060e-01	2.4830e+01	-1.2983e+02	-6.7925e+04
	-4.3140e+02	5.5224e+02	8.7060e-01	2.4830e+01	-2.0014e+01	1.1650e-10
642	-3.8956e+02	4.8556e+02	2.2384e+00	-1.9518e+01	-2.5055e+02	-5.9724e+04
	-3.8956e+02	4.8556e+02	2.2384e+00	-1.9518e+01	1.5732e+01	2.7604e-10
654	0.0000e+00	6.5450e+01	0.0000e+00	7.3873e+03	0.0000e+00	4.7508e+03
	0.0000e+00	-2.8722e+02	0.0000e+00	1.4851e+04	0.0000e+00	-5.2957e+02
655	0.0000e+00	-5.3620e+01	0.0000e+00	2.0767e+03	0.0000e+00	3.3589e+03
	0.0000e+00	5.3281e+01	0.0000e+00	7.3873e+03	0.0000e+00	4.7508e+03
656	0.0000e+00	-5.1525e+01	0.0000e+00	-7.2773e+02	0.0000e+00	3.4336e+03
	0.0000e+00	4.9821e+01	0.0000e+00	2.0767e+03	0.0000e+00	3.3589e+03
657	0.0000e+00	-6.8424e+01	0.0000e+00	-5.5669e+03	0.0000e+00	5.3903e+03
	0.0000e+00	6.0963e+01	0.0000e+00	-7.2773e+02	0.0000e+00	3.4336e+03
658	0.0000e+00	1.9497e+02	0.0000e+00	-1.0975e+04	0.0000e+00	-1.7098e+04
	0.0000e+00	6.8504e+01	0.0000e+00	-5.5669e+03	0.0000e+00	5.3903e+03
659	0.0000e+00	-6.9076e+01	0.0000e+00	5.5706e+03	0.0000e+00	5.4367e+03
	0.0000e+00	-1.9499e+02	0.0000e+00	1.0978e+04	0.0000e+00	-1.7099e+04
660	0.0000e+00	-6.1288e+01	0.0000e+00	7.3191e+02	0.0000e+00	3.4391e+03

	0.0000e+00	6.9083e+01	0.0000e+00	5.5706e+03	0.0000e+00	5.4367e+03
661	0.0000e+00	-5.0470e+01	0.0000e+00	-2.0671e+03	0.0000e+00	3.3561e+03
	0.0000e+00	5.2015e+01	0.0000e+00	7.3191e+02	0.0000e+00	3.4391e+03
662	0.0000e+00	-6.1297e+01	0.0000e+00	-7.3707e+03	0.0000e+00	5.2988e+03
	0.0000e+00	5.5591e+01	0.0000e+00	-2.0671e+03	0.0000e+00	3.3561e+03
663	0.0000e+00	2.8671e+02	0.0000e+00	-1.4822e+04	0.0000e+00	-4.7283e+02
	0.0000e+00	-7.1052e+01	0.0000e+00	-7.3707e+03	0.0000e+00	5.2988e+03
664	0.0000e+00	-2.9818e+02	0.0000e+00	2.4540e+04	0.0000e+00	1.3436e+04
	0.0000e+00	4.3403e+02	0.0000e+00	-3.2551e+04	0.0000e+00	1.4592e+03
665	0.0000e+00	-3.1991e+02	0.0000e+00	4.4355e+04	0.0000e+00	1.9659e+04
	0.0000e+00	2.2441e+02	0.0000e+00	-2.0408e+04	0.0000e+00	1.3359e+04
666	0.0000e+00	-3.0587e+02	0.0000e+00	3.4328e+04	0.0000e+00	2.0582e+04
	0.0000e+00	2.9150e+02	0.0000e+00	-1.0995e+04	0.0000e+00	1.9328e+04
667	0.0000e+00	-3.8050e+02	0.0000e+00	4.6460e+04	0.0000e+00	2.4272e+04
	0.0000e+00	3.6045e+02	0.0000e+00	-2.7080e+04	0.0000e+00	2.0706e+04
668	0.0000e+00	-3.7729e+02	0.0000e+00	3.5994e+04	0.0000e+00	2.2116e+04
	0.0000e+00	3.7555e+02	0.0000e+00	-2.5917e+04	0.0000e+00	2.4062e+04
669	0.0000e+00	-3.7891e+02	0.0000e+00	2.7337e+04	0.0000e+00	2.4387e+04
	0.0000e+00	3.7738e+02	0.0000e+00	-3.4770e+04	0.0000e+00	2.2076e+04
670	0.0000e+00	-3.6419e+02	0.0000e+00	2.8432e+04	0.0000e+00	2.0839e+04
	0.0000e+00	3.8421e+02	0.0000e+00	-4.5812e+04	0.0000e+00	2.4523e+04
671	0.0000e+00	-2.9992e+02	0.0000e+00	1.2641e+04	0.0000e+00	2.0072e+04
	0.0000e+00	3.0838e+02	0.0000e+00	-3.3308e+04	0.0000e+00	2.0641e+04
672	0.0000e+00	-2.2248e+02	0.0000e+00	2.2064e+04	0.0000e+00	1.2928e+04
	0.0000e+00	3.2771e+02	0.0000e+00	-4.4209e+04	0.0000e+00	2.0345e+04
673	0.0000e+00	-4.7481e+02	0.0000e+00	3.7800e+04	0.0000e+00	1.5797e+03
	0.0000e+00	3.0736e+02	0.0000e+00	-2.1760e+04	0.0000e+00	1.2962e+04
2422	6.6494e-15	-8.1598e-01	5.5959e-14	-3.3197e+02	-7.0828e-12	1.5789e+02
	6.6494e-15	-8.1598e-01	5.5959e-14	-3.3197e+02	8.0404e-12	-1.6888e+02
2423	-1.2916e-15	-3.4556e-01	1.6471e-14	7.8697e+01	1.4018e-11	8.5854e+01
	-1.2916e-15	-3.4556e-01	1.6471e-14	7.8697e+01	-7.8557e-12	-6.5970e+01
2424	1.0437e-14	-2.3411e-01	1.9256e-13	1.0086e+01	2.7784e-11	1.4229e+01
	1.0437e-14	-2.3411e-01	1.9256e-13	1.0086e+01	-3.4735e-11	-5.1905e+01
2425	7.1184e-15	1.6308e-01	-3.7616e-14	-5.0583e+01	1.8086e-12	-3.5950e+01
	7.1184e-15	1.6308e-01	-3.7616e-14	-5.0583e+01	4.3550e-12	3.4701e+01
2426	-8.3031e-15	-2.5060e-01	-9.9276e-14	-1.8902e+01	-8.3250e-12	4.1323e+01
	-8.3031e-15	-2.5060e-01	-9.9276e-14	-1.8902e+01	2.6050e-11	-4.6358e+01
2427	6.3889e-15	-1.1198e-01	9.9337e-14	1.8245e+01	2.6039e-11	2.2222e+01
	6.3889e-15	-1.1198e-01	9.9337e-14	1.8245e+01	-8.3152e-12	-1.6492e+01
2428	6.4994e-15	-3.3137e-01	3.7593e-14	5.0046e+01	4.3589e-12	7.8472e+01
	6.4994e-15	-3.3137e-01	3.7593e-14	5.0046e+01	1.8046e-12	-6.7283e+01
2429	4.6038e-15	-2.2344e-01	-1.9204e-13	-1.0394e+01	-3.4797e-11	-2.1924e+01
	4.6038e-15	-2.2344e-01	-1.9204e-13	-1.0394e+01	2.7848e-11	-5.2789e+01
2430	9.2248e-15	1.6014e-01	-1.6503e-14	-7.9296e+01	-7.8389e-12	-3.4039e+01
	9.2248e-15	1.6014e-01	-1.6503e-14	-7.9296e+01	1.4001e-11	3.3487e+01
2431	-2.6664e-15	2.1581e-01	-5.5898e-14	3.3159e+02	8.0143e-12	-4.5668e+01
	-2.6664e-15	2.1581e-01	-5.5898e-14	3.3159e+02	-7.0567e-12	4.2144e+01
2432	-9.4959e-15	6.5171e+00	5.5820e-14	-2.8694e+02	-7.0516e-12	-1.1863e+03
	-9.4959e-15	6.5171e+00	5.5820e-14	-2.8694e+02	8.0092e-12	1.4206e+03
2433	1.0425e-15	-1.9927e+00	1.6511e-14	-4.9393e+01	1.4008e-11	4.1379e+02
	1.0425e-15	-1.9927e+00	1.6511e-14	-4.9393e+01	-7.8545e-12	-4.6323e+02

2434	3.9069e-15	5.5114e-01	1.9240e-13	-6.1628e+00	2.7792e-11	-1.0471e+01
	3.9069e-15	5.5114e-01	1.9240e-13	-6.1628e+00	-3.4744e-11	1.2815e+02
2435	-8.1759e-15	3.5471e-01	-3.7611e-14	2.0080e+01	1.8065e-12	-5.4132e+01
	-8.1759e-15	3.5471e-01	-3.7611e-14	2.0080e+01	4.3584e-12	1.0599e+02
2436	-5.6323e-15	-6.6799e+00	5.5820e-14	-3.0445e+02	-7.0516e-12	1.2191e+03
	-5.6323e-15	-6.6799e+00	5.5820e-14	-3.0445e+02	8.0092e-12	-1.4529e+03
2437	-6.0009e-15	2.0734e+00	1.6527e-14	2.0547e+01	1.3997e-11	-4.4149e+02
	-6.0009e-15	2.0734e+00	1.6527e-14	2.0547e+01	-7.8348e-12	4.7080e+02
2438	-9.2775e-15	4.3171e-02	1.9246e-13	5.5704e+00	2.7788e-11	9.3311e+01
	-9.2775e-15	4.3171e-02	1.9246e-13	5.5704e+00	-3.4724e-11	5.1084e+01
2439	7.4467e-15	-1.3602e+00	-3.7687e-14	-2.0439e+01	1.8251e-12	2.5804e+02
	7.4467e-15	-1.3602e+00	-3.7687e-14	-2.0439e+01	4.3447e-12	-3.4038e+02
2440	-4.7979e-15	-4.3029e-01	-9.9277e-14	4.0540e+01	-8.3221e-12	1.0324e+02
	-4.7979e-15	-4.3029e-01	-9.9277e-14	4.0540e+01	2.6048e-11	-4.3632e+01
2441	8.1543e-15	-1.3834e+00	-9.9454e-14	2.1493e+00	-8.2923e-12	2.2832e+02
	8.1543e-15	-1.3834e+00	-9.9454e-14	2.1493e+00	2.6018e-11	-2.5586e+02
2442	5.1039e-15	8.6448e-01	9.9395e-14	-2.5912e+00	2.6029e-11	-1.6360e+02
	5.1039e-15	8.6448e-01	9.9395e-14	-2.5912e+00	-8.3040e-12	1.3898e+02
2443	-1.7257e-15	-7.2502e-01	3.7608e-14	-2.1391e+01	4.3541e-12	1.8548e+02
	-1.7257e-15	-7.2502e-01	3.7608e-14	-2.1391e+01	1.8081e-12	-1.3548e+02
2444	3.3086e-15	-3.9757e-01	-1.9213e-13	4.7605e+00	-3.4757e-11	6.1878e+01
	3.3086e-15	-3.9757e-01	-1.9213e-13	4.7605e+00	2.7828e-11	-8.2797e+01
2445	-1.0536e-15	1.6575e+00	-1.6506e-14	4.7877e+01	-7.8383e-12	-3.8754e+02
	-1.0536e-15	1.6575e+00	-1.6506e-14	4.7877e+01	1.4005e-11	3.4217e+02
2446	-8.6006e-15	-7.0275e+00	-5.5843e-14	2.8586e+02	8.0094e-12	1.5278e+03
	-8.6006e-15	-7.0275e+00	-5.5843e-14	2.8586e+02	-7.0518e-12	-1.2832e+03
2447	-2.0730e-15	2.1312e-01	9.9514e-14	-4.1553e+01	2.6007e-11	2.0505e+01
	-2.0730e-15	2.1312e-01	9.9514e-14	-4.1553e+01	-8.2825e-12	4.2854e+01
2448	-6.5538e-15	9.5107e-01	3.7588e-14	1.9368e+01	4.3561e-12	-2.5175e+02
	-6.5538e-15	9.5107e-01	3.7588e-14	1.9368e+01	1.8061e-12	1.6649e+02
2449	-6.9076e-15	-4.1273e-01	-1.9179e-13	-4.5324e+00	-3.4814e-11	1.2309e+02
	-6.9076e-15	-4.1273e-01	-1.9179e-13	-4.5324e+00	2.7871e-11	4.7814e+01
2450	-8.4145e-15	-2.4671e+00	-1.6566e-14	-1.9598e+01	-7.8208e-12	5.5844e+02
	-8.4145e-15	-2.4671e+00	-1.6566e-14	-1.9598e+01	1.3988e-11	-5.2706e+02
2451	-9.7034e-15	6.0864e+00	-5.5843e-14	3.0315e+02	7.9952e-12	-1.3283e+03
	-9.7034e-15	6.0864e+00	-5.5843e-14	3.0315e+02	-7.0518e-12	1.1062e+03
2452	2.2202e-11	-7.1317e+02	9.5541e-18	-2.0835e+02	-4.4112e-15	1.3107e+05
	2.2202e-11	-7.1317e+02	9.5541e-18	-2.0835e+02	7.2421e-15	-1.7987e+05
2453	4.2700e-12	-1.1736e+03	1.2262e-16	-3.4976e+02	2.1748e-14	2.0420e+05
	4.2700e-12	-1.1736e+03	1.2262e-16	-3.4976e+02	1.1271e-14	-1.5257e+05
2454	1.6638e-11	-7.0995e+02	4.1271e-17	1.2539e+02	-9.0278e-15	1.3025e+05
	1.6638e-11	-7.0995e+02	4.1271e-17	1.2539e+02	7.8300e-15	-1.7928e+05
2455	-1.8261e-11	-1.1673e+03	-6.8894e-17	1.0363e+02	-1.8854e-14	2.0334e+05
	-1.8261e-11	-1.1673e+03	-6.8894e-17	1.0363e+02	1.2364e-14	-1.5151e+05
2456	2.7980e-11	-7.0826e+02	3.1463e-17	1.6516e+01	4.5658e-15	1.3023e+05
	2.7980e-11	-7.0826e+02	3.1463e-17	1.6516e+01	8.4299e-15	-1.7857e+05
2457	2.0982e-11	-1.1555e+03	1.2262e-16	7.8481e+01	2.1748e-14	2.0132e+05
	2.0982e-11	-1.1555e+03	1.2262e-16	7.8481e+01	1.1271e-14	-1.4997e+05
2458	-2.8335e-11	-7.0809e+02	-3.2438e-17	-5.3363e+01	8.0200e-15	1.3022e+05
	-2.8335e-11	-7.0809e+02	-3.2438e-17	-5.3363e+01	-5.9764e-15	-1.7851e+05
2459	-1.2253e-11	-1.1551e+03	-8.4946e-17	-1.1271e+02	1.1634e-14	2.0124e+05

	-1.2253e-11	-1.1551e+03	-8.4946e-17	-1.1271e+02	1.3380e-14	-1.4993e+05
2460	-1.6991e-11	-7.0809e+02	-4.2043e-17	2.6498e+01	6.3379e-15	1.3003e+05
	-1.6991e-11	-7.0809e+02	-4.2043e-17	2.6498e+01	7.5704e-15	-1.7870e+05
2461	2.6991e-11	-1.1628e+03	1.1402e-16	9.2272e+01	-2.1140e-14	2.0253e+05
	2.6991e-11	-1.1628e+03	1.1402e-16	9.2272e+01	1.8523e-14	-1.5098e+05
2462	1.5835e-15	-7.0623e+02	4.2962e-17	-3.7806e+00	-8.4767e-15	1.2958e+05
	1.5835e-15	-7.0623e+02	4.2962e-17	-3.7806e+00	5.7884e-15	-1.7833e+05
2463	-3.2358e-14	-1.1672e+03	1.1432e-16	-4.4187e+00	-2.2688e-14	2.0336e+05
	-3.2358e-14	-1.1672e+03	1.1432e-16	-4.4187e+00	1.3415e-14	-1.5145e+05
2464	1.6960e-11	-7.0804e+02	3.4553e-17	-2.9548e+01	-8.5824e-15	1.3002e+05
	1.6960e-11	-7.0804e+02	3.4553e-17	-2.9548e+01	-1.0072e-14	-1.7869e+05
2465	-2.6991e-11	-1.1628e+03	-1.6682e-16	-9.5981e+01	-2.1101e-14	2.0251e+05
	-2.6991e-11	-1.1628e+03	-1.6682e-16	-9.5981e+01	8.9526e-15	-1.5097e+05
2466	2.8302e-11	-7.0799e+02	-3.2484e-17	5.0326e+01	-6.4081e-15	1.3020e+05
	2.8302e-11	-7.0799e+02	-3.2484e-17	5.0326e+01	3.5820e-15	-1.7848e+05
2467	1.2253e-11	-1.1550e+03	-8.4946e-17	1.0922e+02	1.1634e-14	2.0120e+05
	1.2253e-11	-1.1550e+03	-8.4946e-17	1.0922e+02	1.3380e-14	-1.4990e+05
2468	-2.7992e-11	-7.0812e+02	-4.3381e-17	-1.9285e+01	-9.7371e-15	1.3021e+05
	-2.7992e-11	-7.0812e+02	-4.3381e-17	-1.9285e+01	8.7410e-15	-1.7853e+05
2469	-2.0944e-11	-1.1553e+03	5.1245e-17	-8.1929e+01	1.3743e-14	2.0128e+05
	-2.0944e-11	-1.1553e+03	5.1245e-17	-8.1929e+01	-1.3854e-14	-1.4993e+05
2470	-1.6619e-11	-7.0975e+02	2.3643e-17	-1.2844e+02	1.0855e-14	1.3022e+05
	-1.6619e-11	-7.0975e+02	2.3643e-17	-1.2844e+02	-6.4957e-15	-1.7923e+05
2471	1.8253e-11	-1.1669e+03	-1.3309e-16	-1.0768e+02	-1.5508e-14	2.0328e+05
	1.8253e-11	-1.1669e+03	-1.3309e-16	-1.0768e+02	1.2375e-14	-1.5146e+05
2472	-2.2204e-11	-7.1288e+02	3.4553e-17	2.0488e+02	-8.5824e-15	1.3102e+05
	-2.2204e-11	-7.1288e+02	3.4553e-17	2.0488e+02	-1.0072e-14	-1.7980e+05
2473	-4.2582e-12	-1.1731e+03	1.2009e-16	3.4529e+02	1.1366e-14	2.0412e+05
	-4.2582e-12	-1.1731e+03	1.2009e-16	3.4529e+02	-5.8028e-15	-1.5251e+05
2474	1.1535e+03	1.1042e+03	-1.6596e+01	7.4182e+00	5.2163e+03	-2.6257e+05
	1.1535e+03	1.1042e+03	-1.6596e+01	7.4182e+00	-1.8036e+03	2.0451e+05
2475	-4.6141e+02	1.4063e+03	-4.2325e-01	7.4182e+00	1.8334e+02	-3.1092e+05
	-4.6141e+02	1.4063e+03	-4.2325e-01	7.4182e+00	-3.5337e+01	2.8396e+05
2476	-4.5706e+02	1.3756e+03	-1.0194e+00	7.4182e+00	2.3388e+02	-3.0052e+05
	-4.5706e+02	1.3756e+03	-1.0194e+00	7.4182e+00	-1.9727e+02	2.8134e+05
2477	1.1599e+03	1.0825e+03	-2.9831e+00	7.4182e+00	6.1905e+02	-2.5488e+05
	1.1599e+03	1.0825e+03	-2.9831e+00	7.4182e+00	-6.4206e+02	2.0302e+05
2478	-4.4764e+02	1.3710e+03	-1.6102e+00	7.4182e+00	4.6907e+02	-2.9967e+05
	-4.4764e+02	1.3710e+03	-1.6102e+00	7.4182e+00	-2.1048e+02	2.8025e+05
2479	-4.4697e+02	1.3707e+03	1.9087e-01	7.4182e+00	-1.5951e+02	-2.9963e+05
	-4.4697e+02	1.3707e+03	1.9087e-01	7.4182e+00	8.4581e+01	2.8018e+05
2480	-9.0312e+02	1.0002e+03	1.8960e+00	7.4182e+00	-7.0236e+02	-2.4462e+05
	-9.0312e+02	1.0002e+03	1.8960e+00	7.4182e+00	9.1937e+01	1.7848e+05
2481	-8.7422e+02	1.0006e+03	-4.3571e+00	7.4182e+00	1.2815e+03	-2.4474e+05
	-8.7422e+02	1.0006e+03	-4.3571e+00	7.4182e+00	-5.6125e+02	1.7852e+05
2482	-8.4821e+02	1.0063e+03	2.6521e+00	7.4182e+00	-5.1035e+02	-2.4661e+05
	-8.4821e+02	1.0063e+03	2.6521e+00	7.4182e+00	6.0998e+02	1.7905e+05
2483	-7.7958e+02	1.0246e+03	1.5268e+01	7.4182e+00	-4.8319e+03	-2.5325e+05
	-7.7958e+02	1.0246e+03	1.5268e+01	7.4182e+00	1.6268e+03	1.8016e+05
2484	1.1395e+03	1.0712e+03	4.5734e+00	7.4182e+00	-1.4159e+03	-2.5180e+05
	1.1395e+03	1.0712e+03	4.5734e+00	7.4182e+00	5.1763e+02	2.0134e+05

2485	1.1412e+03	1.0707e+03	-4.8994e+00	7.4182e+00	1.5155e+03	-2.5165e+05
	1.1412e+03	1.0707e+03	-4.8994e+00	7.4182e+00	-5.5608e+02	2.0126e+05
2486	-4.5548e+02	1.3742e+03	-8.0334e-01	7.4182e+00	2.2570e+02	-3.0033e+05
	-4.5548e+02	1.3742e+03	-8.0334e-01	7.4182e+00	-1.1337e+02	2.8095e+05
2487	-9.5047e+02	1.0001e+03	-1.8478e-01	7.4182e+00	4.7458e+01	-2.4469e+05
	-9.5047e+02	1.0001e+03	-1.8478e-01	7.4182e+00	-3.0630e+01	1.7833e+05
2488	1.1540e+03	1.0786e+03	-1.8146e-01	7.4182e+00	-1.2236e+02	-2.5376e+05
	1.1540e+03	1.0786e+03	-1.8146e-01	7.4182e+00	-2.1714e+02	2.0247e+05
2489	-4.6120e+02	1.3739e+03	-2.8431e-01	7.4182e+00	7.0329e+01	-3.0017e+05
	-4.6120e+02	1.3739e+03	-2.8431e-01	7.4182e+00	-4.9933e+01	2.8098e+05
2490	-9.6330e+02	1.0028e+03	-2.1436e+00	7.4182e+00	6.6841e+02	-2.4545e+05
	-9.6330e+02	1.0028e+03	-2.1436e+00	7.4182e+00	-2.3632e+02	1.7872e+05
2491	-9.6734e+02	1.0027e+03	1.2765e+00	7.4182e+00	-4.4255e+02	-2.4543e+05
	-9.6734e+02	1.0027e+03	1.2765e+00	7.4182e+00	-1.0330e+02	1.7871e+05
2492	1.1585e+03	1.0869e+03	-3.9401e-01	7.4182e+00	9.7234e+01	-2.5630e+05
	1.1585e+03	1.0869e+03	-3.9401e-01	7.4182e+00	-6.9440e+01	2.0344e+05
2493	-4.5524e+02	1.3741e+03	4.5272e-01	7.4182e+00	-1.2000e+02	-3.0031e+05
	-4.5524e+02	1.3741e+03	4.5272e-01	7.4182e+00	6.6074e+01	2.8093e+05
2494	1.1543e+03	1.0785e+03	-5.2577e-01	7.4182e+00	3.0195e+02	-2.5375e+05
	1.1543e+03	1.0785e+03	-5.2577e-01	7.4182e+00	7.6201e+01	2.0245e+05
2495	-9.0614e+02	1.0001e+03	-3.0143e+00	7.4182e+00	9.7415e+02	-2.4458e+05
	-9.0614e+02	1.0001e+03	-3.0143e+00	7.4182e+00	-3.0755e+02	1.7846e+05
2496	-4.4739e+02	1.3705e+03	-1.6255e+00	7.4182e+00	4.7313e+02	-2.9959e+05
	-4.4739e+02	1.3705e+03	-1.6255e+00	7.4182e+00	-2.1354e+02	2.8014e+05
2497	1.1406e+03	1.0705e+03	3.6124e+00	7.4182e+00	-1.1955e+03	-2.5161e+05
	1.1406e+03	1.0705e+03	3.6124e+00	7.4182e+00	3.2984e+02	2.0123e+05
2498	-8.8169e+02	1.0004e+03	3.3583e+00	7.4182e+00	-1.0318e+03	-2.4469e+05
	-8.8169e+02	1.0004e+03	3.3583e+00	7.4182e+00	3.8998e+02	1.7849e+05
2499	-4.4705e+02	1.3707e+03	1.4360e-01	7.4182e+00	-1.5340e+02	-2.9960e+05
	-4.4705e+02	1.3707e+03	1.4360e-01	7.4182e+00	8.5396e+01	2.8019e+05
2500	1.1400e+03	1.0710e+03	-5.8459e+00	7.4182e+00	1.7330e+03	-2.5174e+05
	1.1400e+03	1.0710e+03	-5.8459e+00	7.4182e+00	-7.3932e+02	2.0129e+05
2501	-8.6287e+02	1.0060e+03	-3.7379e+00	7.4182e+00	7.8923e+02	-2.4654e+05
	-8.6287e+02	1.0060e+03	-3.7379e+00	7.4182e+00	-7.9143e+02	1.7900e+05
2502	-4.5709e+02	1.3752e+03	4.8488e-01	7.4182e+00	-1.2122e+02	-3.0043e+05
	-4.5709e+02	1.3752e+03	4.8488e-01	7.4182e+00	7.8722e+01	2.8126e+05
2503	1.1621e+03	1.0822e+03	1.7402e+00	7.4182e+00	-2.9789e+02	-2.5480e+05
	1.1621e+03	1.0822e+03	1.7402e+00	7.4182e+00	4.3448e+02	2.0296e+05
2504	-7.8534e+02	1.0242e+03	-1.6065e+01	7.4182e+00	5.0615e+03	-2.5315e+05
	-7.8534e+02	1.0242e+03	-1.6065e+01	7.4182e+00	-1.7348e+03	1.8009e+05
2505	-4.6071e+02	1.4058e+03	-9.4139e-01	7.4182e+00	3.2127e+02	-3.1079e+05
	-4.6071e+02	1.4058e+03	-9.4139e-01	7.4182e+00	-7.9116e+01	2.8385e+05
2506	1.1511e+03	1.1038e+03	1.5654e+01	7.4182e+00	-4.9474e+03	-2.6247e+05
	1.1511e+03	1.1038e+03	1.5654e+01	7.4182e+00	1.6744e+03	2.0443e+05
2530	0.0000e+00	-7.4852e+01	0.0000e+00	-2.1624e+02	0.0000e+00	6.8084e+03
	0.0000e+00	-7.4852e+01	0.0000e+00	-2.1624e+02	0.0000e+00	3.6917e+03
	0.0000e+00	-1.0155e+02	0.0000e+00	-1.8241e+03	0.0000e+00	1.5566e+04
	0.0000e+00	-1.0155e+02	0.0000e+00	-1.8241e+03	0.0000e+00	-2.3623e+04
2531	0.0000e+00	-2.3187e+02	0.0000e+00	9.8602e+01	0.0000e+00	1.4319e+04
	0.0000e+00	-2.3187e+02	0.0000e+00	9.8602e+01	0.0000e+00	4.4570e+03
	0.0000e+00	-1.1752e+02	0.0000e+00	6.5456e+01	0.0000e+00	1.8598e+04

	0.0000e+00	-1.1752e+02	0.0000e+00	6.5456e+01	0.0000e+00	-2.5908e+04
2532	0.0000e+00	-2.2012e+02	0.0000e+00	7.9279e+02	0.0000e+00	1.4286e+04
	0.0000e+00	-2.2012e+02	0.0000e+00	7.9279e+02	0.0000e+00	4.8373e+03
	0.0000e+00	-1.2446e+02	0.0000e+00	4.3043e+02	0.0000e+00	2.0328e+04
	0.0000e+00	-1.2446e+02	0.0000e+00	4.3043e+02	0.0000e+00	-2.7171e+04
2533	0.0000e+00	-2.1953e+02	0.0000e+00	-7.2324e+02	0.0000e+00	1.4295e+04
	0.0000e+00	-2.1953e+02	0.0000e+00	-7.2324e+02	0.0000e+00	4.9094e+03
	0.0000e+00	-1.2855e+02	0.0000e+00	3.4114e+02	0.0000e+00	2.0622e+04
	0.0000e+00	-1.2855e+02	0.0000e+00	3.4114e+02	0.0000e+00	-2.8381e+04
2534	0.0000e+00	-2.2010e+02	0.0000e+00	3.3906e+02	0.0000e+00	1.4230e+04
	0.0000e+00	-2.2010e+02	0.0000e+00	3.3906e+02	0.0000e+00	4.9029e+03
	0.0000e+00	-1.3180e+02	0.0000e+00	2.2949e+02	0.0000e+00	2.0063e+04
	0.0000e+00	-1.3180e+02	0.0000e+00	2.2949e+02	0.0000e+00	-2.9952e+04
2535	0.0000e+00	-2.1625e+02	0.0000e+00	-6.8011e+00	0.0000e+00	1.4236e+04
	0.0000e+00	-2.1625e+02	0.0000e+00	-6.8011e+00	0.0000e+00	5.0369e+03
	0.0000e+00	-1.3399e+02	0.0000e+00	-8.0691e+00	0.0000e+00	2.0691e+04
	0.0000e+00	-1.3399e+02	0.0000e+00	-8.0691e+00	0.0000e+00	-3.0296e+04
2536	0.0000e+00	-2.2009e+02	0.0000e+00	-3.4112e+02	0.0000e+00	1.4231e+04
	0.0000e+00	-2.2009e+02	0.0000e+00	-3.4112e+02	0.0000e+00	4.8965e+03
	0.0000e+00	-1.3120e+02	0.0000e+00	-2.2994e+02	0.0000e+00	2.0037e+04
	0.0000e+00	-1.3120e+02	0.0000e+00	-2.2994e+02	0.0000e+00	-2.9764e+04
2537	0.0000e+00	-2.1953e+02	0.0000e+00	7.2163e+02	0.0000e+00	1.4295e+04
	0.0000e+00	-2.1953e+02	0.0000e+00	7.2163e+02	0.0000e+00	4.8971e+03
	0.0000e+00	-1.2739e+02	0.0000e+00	-3.3545e+02	0.0000e+00	2.0572e+04
	0.0000e+00	-1.2739e+02	0.0000e+00	-3.3545e+02	0.0000e+00	-2.8009e+04
2538	0.0000e+00	-2.2011e+02	0.0000e+00	-7.9512e+02	0.0000e+00	1.4289e+04
	0.0000e+00	-2.2011e+02	0.0000e+00	-7.9512e+02	0.0000e+00	4.8223e+03
	0.0000e+00	-1.2290e+02	0.0000e+00	-4.2916e+02	0.0000e+00	2.0270e+04
	0.0000e+00	-1.2290e+02	0.0000e+00	-4.2916e+02	0.0000e+00	-2.6655e+04
2539	0.0000e+00	-2.3183e+02	0.0000e+00	-1.0080e+02	0.0000e+00	1.4323e+04
	0.0000e+00	-2.3183e+02	0.0000e+00	-1.0080e+02	0.0000e+00	4.4298e+03
	0.0000e+00	-1.1519e+02	0.0000e+00	-6.5746e+01	0.0000e+00	1.8492e+04
	0.0000e+00	-1.1519e+02	0.0000e+00	-6.5746e+01	0.0000e+00	-2.5179e+04
2540	0.0000e+00	-7.4827e+01	0.0000e+00	2.1084e+02	0.0000e+00	6.8039e+03
	0.0000e+00	-7.4827e+01	0.0000e+00	2.1084e+02	0.0000e+00	3.6704e+03
	0.0000e+00	-9.8461e+01	0.0000e+00	1.6889e+03	0.0000e+00	1.5486e+04
	0.0000e+00	-9.8461e+01	0.0000e+00	1.6889e+03	0.0000e+00	-2.2528e+04

Condizione "(1) G1"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-5.4470e+02	0.0000e+00	4.0195e-01	0.0000e+00	3.1108e+04
	0.0000e+00	-1.9408e+02	0.0000e+00	4.0195e-01	0.0000e+00	-3.7968e+04
630	0.0000e+00	-4.4349e+02	0.0000e+00	-1.0296e+02	0.0000e+00	2.2165e+04
	0.0000e+00	-9.2869e+01	0.0000e+00	-1.0296e+02	0.0000e+00	-2.7985e+04
631	0.0000e+00	-4.4546e+02	0.0000e+00	1.7235e+02	0.0000e+00	2.2320e+04
	0.0000e+00	-9.4831e+01	0.0000e+00	1.7235e+02	0.0000e+00	-2.8197e+04
632	5.5959e+02	8.2549e+01	-1.5620e+00	-2.8365e+01	2.1499e+02	-1.0154e+04
	6.0872e+00	8.2549e+01	-1.5620e+00	-2.8365e+01	2.2863e+01	-1.1642e-10
633	7.3905e+02	-7.4899e+01	-3.3806e-02	-4.6835e+00	7.9332e+00	9.2126e+03
	1.8555e+02	-7.4899e+01	-3.3806e-02	-4.6835e+00	3.7750e+00	-5.8208e-11
634	6.6184e+02	-7.1624e+00	1.1321e-01	-1.3515e+00	-1.2836e+01	8.8097e+02
	1.0834e+02	-7.1624e+00	1.1321e-01	-1.3515e+00	1.0893e+00	5.8208e-11

635	6.5252e+02	3.4806e+00	-2.5766e-01	-6.5420e+00	3.6966e+01	-4.2811e+02
	9.9020e+01	3.4806e+00	-2.5766e-01	-6.5420e+00	5.2731e+00	0.0000e+00
636	6.7231e+02	-1.3806e+01	-6.9401e-03	-2.0826e+00	2.5323e+00	1.6981e+03
	1.1881e+02	-1.3806e+01	-6.9401e-03	-2.0826e+00	1.6786e+00	5.8208e-11
637	6.3793e+02	1.8799e+01	-1.0174e-01	-3.1112e+00	1.5022e+01	-2.3123e+03
	8.4432e+01	1.8799e+01	-1.0174e-01	-3.1112e+00	2.5077e+00	0.0000e+00
638	6.7042e+02	-1.1623e+01	-1.9559e-01	-4.1057e+00	2.7366e+01	1.4297e+03
	1.1692e+02	-1.1623e+01	-1.9559e-01	-4.1057e+00	3.3093e+00	-1.7462e-10
639	6.5610e+02	-6.5842e-01	5.5513e-02	3.3947e-01	-7.1017e+00	8.0986e+01
	1.0260e+02	-6.5842e-01	5.5513e-02	3.3947e-01	-2.7363e-01	-1.1642e-10
640	6.5734e+02	-1.9593e+00	-3.1488e-01	-4.8522e+00	4.2641e+01	2.4099e+02
	1.0384e+02	-1.9593e+00	-3.1488e-01	-4.8522e+00	3.9110e+00	-1.1642e-10
641	7.3264e+02	-7.4434e+01	-1.6348e-01	-1.4927e+00	2.1311e+01	9.1554e+03
	1.7914e+02	-7.4434e+01	-1.6348e-01	-1.4927e+00	1.2032e+00	0.0000e+00
642	5.6756e+02	7.9714e+01	1.3615e+00	2.3773e+01	-1.8662e+02	-9.8048e+03
	1.4058e+01	7.9714e+01	1.3615e+00	2.3773e+01	-1.9162e+01	1.1642e-10
654	0.0000e+00	1.5068e+02	0.0000e+00	1.1088e+04	0.0000e+00	3.0159e+03
	0.0000e+00	-5.4877e+02	0.0000e+00	2.2165e+04	0.0000e+00	1.0296e+02
655	0.0000e+00	6.4983e+01	0.0000e+00	3.2573e+03	0.0000e+00	-4.9044e+03
	0.0000e+00	6.0796e+00	0.0000e+00	1.1088e+04	0.0000e+00	3.0159e+03
656	0.0000e+00	5.7484e+01	0.0000e+00	-8.3573e+02	0.0000e+00	-4.1295e+03
	0.0000e+00	-6.3970e+01	0.0000e+00	3.2573e+03	0.0000e+00	-4.9044e+03
657	0.0000e+00	5.3198e+01	0.0000e+00	-7.8209e+03	0.0000e+00	4.4628e+02
	0.0000e+00	-7.0737e+01	0.0000e+00	-8.3573e+02	0.0000e+00	-4.1295e+03
658	0.0000e+00	3.3444e+02	0.0000e+00	-1.5564e+04	0.0000e+00	-2.8300e+04
	0.0000e+00	-7.8591e+01	0.0000e+00	-7.8209e+03	0.0000e+00	4.4628e+02
659	0.0000e+00	7.8433e+01	0.0000e+00	7.7992e+03	0.0000e+00	4.6287e+02
	0.0000e+00	-3.3443e+02	0.0000e+00	1.5544e+04	0.0000e+00	-2.8300e+04
660	0.0000e+00	7.0901e+01	0.0000e+00	8.0240e+02	0.0000e+00	-4.1615e+03
	0.0000e+00	-5.3040e+01	0.0000e+00	7.7992e+03	0.0000e+00	4.6287e+02
661	0.0000e+00	6.3222e+01	0.0000e+00	-3.3048e+03	0.0000e+00	-4.7917e+03
	0.0000e+00	-5.7867e+01	0.0000e+00	8.0240e+02	0.0000e+00	-4.1615e+03
662	0.0000e+00	1.1435e+00	0.0000e+00	-1.1176e+04	0.0000e+00	2.3388e+03
	0.0000e+00	-6.5188e+01	0.0000e+00	-3.3048e+03	0.0000e+00	-4.7917e+03
663	0.0000e+00	5.4159e+02	0.0000e+00	-2.2320e+04	0.0000e+00	1.7235e+02
	0.0000e+00	-1.5555e+02	0.0000e+00	-1.1176e+04	0.0000e+00	2.3388e+03
664	0.0000e+00	6.7581e+02	0.0000e+00	3.1480e+03	0.0000e+00	-3.1965e+04
	0.0000e+00	-9.4419e+02	0.0000e+00	-3.0847e+04	0.0000e+00	-4.1144e+02
665	0.0000e+00	5.8335e+02	0.0000e+00	1.8428e+04	0.0000e+00	-3.4988e+04
	0.0000e+00	-4.9461e+02	0.0000e+00	-1.5939e+04	0.0000e+00	-3.2031e+04
666	0.0000e+00	5.1033e+02	0.0000e+00	1.1935e+04	0.0000e+00	-3.3961e+04
	0.0000e+00	-5.2255e+02	0.0000e+00	-1.0745e+04	0.0000e+00	-3.5401e+04
667	0.0000e+00	5.6536e+02	0.0000e+00	1.5962e+04	0.0000e+00	-3.5174e+04
	0.0000e+00	-5.8671e+02	0.0000e+00	-1.8578e+04	0.0000e+00	-3.3613e+04
668	0.0000e+00	5.3869e+02	0.0000e+00	1.5850e+04	0.0000e+00	-3.1190e+04
	0.0000e+00	-5.4850e+02	0.0000e+00	-1.2089e+04	0.0000e+00	-3.5350e+04
669	0.0000e+00	5.4738e+02	0.0000e+00	1.2201e+04	0.0000e+00	-3.5225e+04
	0.0000e+00	-5.3872e+02	0.0000e+00	-1.5755e+04	0.0000e+00	-3.1206e+04
670	0.0000e+00	5.8838e+02	0.0000e+00	1.8437e+04	0.0000e+00	-3.3816e+04
	0.0000e+00	-5.6456e+02	0.0000e+00	-1.6108e+04	0.0000e+00	-3.5078e+04
671	0.0000e+00	5.2040e+02	0.0000e+00	1.1129e+04	0.0000e+00	-3.5194e+04

	0.0000e+00	-5.1224e+02	0.0000e+00	-1.1571e+04	0.0000e+00	-3.4196e+04
672	0.0000e+00	4.8998e+02	0.0000e+00	1.5747e+04	0.0000e+00	-3.1617e+04
	0.0000e+00	-5.8092e+02	0.0000e+00	-1.8658e+04	0.0000e+00	-3.4814e+04
673	0.0000e+00	9.5203e+02	0.0000e+00	3.0491e+04	0.0000e+00	-4.1380e+02
	0.0000e+00	-6.7419e+02	0.0000e+00	-3.4277e+03	0.0000e+00	-3.1578e+04
2422	2.2898e-16	-3.3057e+02	3.1520e-15	-1.9880e+03	-1.8852e-13	2.4504e+04
	2.2898e-16	2.6943e+02	3.1520e-15	-1.9880e+03	5.0382e-13	1.2277e+04
2423	-1.8735e-16	-3.2050e+02	-1.2837e-16	4.2965e+02	-2.6024e-13	2.1250e+04
	-1.8735e-16	3.3950e+02	-1.2837e-16	4.2965e+02	5.0626e-14	2.5429e+04
2424	-8.7430e-16	-2.1206e+02	4.3160e-15	9.2696e+01	1.1151e-12	1.2625e+04
	-8.7430e-16	2.0794e+02	4.3160e-15	9.2696e+01	1.4140e-12	1.2050e+04
2425	2.9143e-16	-3.3341e+02	-1.2841e-15	-3.1708e+02	-5.0071e-14	2.3595e+04
	2.9143e-16	3.2659e+02	-1.2841e-15	-3.1708e+02	-1.5932e-13	2.2094e+04
2426	2.2204e-16	-2.5720e+02	-3.3300e-15	9.2559e+02	5.3124e-13	1.5056e+04
	2.2204e-16	2.6780e+02	-3.3300e-15	9.2559e+02	-6.9053e-13	1.6909e+04
2427	3.8164e-16	-2.6776e+02	3.3415e-15	-9.2556e+02	-6.9322e-13	1.6903e+04
	3.8164e-16	2.5724e+02	3.3415e-15	-9.2556e+02	5.3363e-13	1.5062e+04
2428	1.5959e-16	-3.2657e+02	1.2746e-15	3.1705e+02	-1.5754e-13	2.2090e+04
	1.5959e-16	3.3343e+02	1.2746e-15	3.1705e+02	-5.1847e-14	2.3600e+04
2429	3.3307e-16	-2.0789e+02	-4.1703e-15	-9.2867e+01	1.3929e-12	1.2042e+04
	3.3307e-16	2.1211e+02	-4.1703e-15	-9.2867e+01	1.1362e-12	1.2633e+04
2430	-2.9837e-16	-3.3948e+02	1.2924e-16	-4.3040e+02	5.2403e-14	2.5424e+04
	-2.9837e-16	3.2052e+02	1.2924e-16	-4.3040e+02	-2.6201e-13	2.1255e+04
2431	4.4409e-16	-2.6940e+02	-3.1138e-15	1.9882e+03	4.9627e-13	1.2270e+04
	4.4409e-16	3.3060e+02	-3.1138e-15	1.9882e+03	-1.8097e-13	2.4510e+04
2432	-1.1102e-16	-3.3258e+02	3.1017e-15	5.4606e+03	-1.7852e-13	2.5035e+04
	-1.1102e-16	2.6742e+02	3.1017e-15	5.4606e+03	4.9383e-13	1.2003e+04
2433	4.4409e-16	-3.1832e+02	-1.1102e-16	-1.0983e+03	-2.6423e-13	2.0802e+04
	4.4409e-16	3.4168e+02	-1.1102e-16	-1.0983e+03	5.4734e-14	2.5941e+04
2434	2.7756e-16	-2.1138e+02	4.2518e-15	-2.4460e+02	1.1213e-12	1.2451e+04
	2.7756e-16	2.0862e+02	4.2518e-15	-2.4460e+02	1.4080e-12	1.2064e+04
2435	1.6653e-16	-3.3458e+02	-1.2781e-15	8.0549e+02	-5.1514e-14	2.3892e+04
	1.6653e-16	3.2542e+02	-1.2781e-15	8.0549e+02	-1.5793e-13	2.1877e+04
2436	5.5511e-16	-3.3224e+02	3.1017e-15	-1.7268e+03	-1.7852e-13	2.4995e+04
	5.5511e-16	2.6776e+02	3.1017e-15	-1.7268e+03	4.9383e-13	1.2099e+04
2437	1.1102e-16	-3.1875e+02	-9.4542e-17	4.0888e+02	-2.6779e-13	2.0905e+04
	1.1102e-16	3.4125e+02	-9.4542e-17	4.0888e+02	5.8065e-14	2.5853e+04
2438	-5.5511e-17	-2.1126e+02	4.3195e-15	8.2818e+01	1.1149e-12	1.2408e+04
	-5.5511e-17	2.0874e+02	4.3195e-15	8.2818e+01	1.4144e-12	1.2056e+04
2439	-3.8858e-16	-3.3467e+02	-1.3106e-15	-2.7829e+02	-4.4298e-14	2.3926e+04
	-3.8858e-16	3.2533e+02	-1.3106e-15	-2.7829e+02	-1.6503e-13	2.1872e+04
2440	-2.7756e-16	-2.5368e+02	-3.3255e-15	8.7552e+02	5.3052e-13	1.4408e+04
	-2.7756e-16	2.7132e+02	-3.3255e-15	8.7552e+02	-6.8984e-13	1.7496e+04
2441	4.9960e-16	-2.5297e+02	-3.3894e-15	-2.5057e+03	5.4179e-13	1.4290e+04
	4.9960e-16	2.7203e+02	-3.3894e-15	-2.5057e+03	-7.0124e-13	1.7624e+04
2442	0.0000e+00	-2.7199e+02	3.3625e-15	2.5056e+03	-6.9694e-13	1.7617e+04
	0.0000e+00	2.5301e+02	3.3625e-15	2.5056e+03	5.3735e-13	1.4297e+04
2443	1.6653e-16	-3.2541e+02	1.2837e-15	-8.0522e+02	-1.5943e-13	2.1876e+04
	1.6653e-16	3.3459e+02	1.2837e-15	-8.0522e+02	-4.9960e-14	2.3894e+04
2444	1.6653e-16	-2.0852e+02	-4.2293e-15	2.4419e+02	1.4018e-12	1.2050e+04
	1.6653e-16	2.1148e+02	-4.2293e-15	2.4419e+02	1.1273e-12	1.2465e+04

2445	3.8858e-16	-3.4167e+02	1.1796e-16	1.0986e+03	5.4512e-14	2.5938e+04
	3.8858e-16	3.1833e+02	1.1796e-16	1.0986e+03	-2.6401e-13	2.0805e+04
2446	0.0000e+00	-2.6738e+02	-3.0965e-15	-5.4607e+03	4.9294e-13	1.1994e+04
	0.0000e+00	3.3262e+02	-3.0965e-15	-5.4607e+03	-1.7764e-13	2.5043e+04
2447	1.6653e-16	-2.7128e+02	3.4098e-15	-8.7535e+02	-7.0499e-13	1.7488e+04
	1.6653e-16	2.5372e+02	3.4098e-15	-8.7535e+02	5.4551e-13	1.4416e+04
2448	-5.5511e-17	-3.2531e+02	1.2742e-15	2.7808e+02	-1.5743e-13	2.1868e+04
	-5.5511e-17	3.3469e+02	1.2742e-15	2.7808e+02	-5.2069e-14	2.3930e+04
2449	-3.8858e-16	-2.0866e+02	-4.0905e-15	-8.2358e+01	1.3829e-12	1.2044e+04
	-3.8858e-16	2.1134e+02	-4.0905e-15	-8.2358e+01	1.1462e-12	1.2420e+04
2450	-1.1102e-16	-3.4125e+02	9.4542e-17	-4.0981e+02	5.9286e-14	2.5853e+04
	-1.1102e-16	3.1875e+02	9.4542e-17	-4.0981e+02	-2.6890e-13	2.0905e+04
2451	2.7756e-16	-2.6771e+02	-3.0965e-15	1.7275e+03	4.9316e-13	1.2089e+04
	2.7756e-16	3.3229e+02	-3.0965e-15	1.7275e+03	-1.7764e-13	2.5005e+04
2452	5.1470e-13	-2.0164e+03	3.0358e-18	-3.6107e+02	-3.3307e-16	1.5120e+05
	5.1470e-13	1.5806e+03	3.0358e-18	-3.6107e+02	9.7145e-17	5.6190e+04
2453	2.1494e-13	-9.3519e+02	-6.9389e-18	6.3521e+02	-1.5543e-15	1.9677e+04
	2.1494e-13	1.5728e+03	-6.9389e-18	6.3521e+02	-1.1102e-15	1.1660e+05
2454	-8.2911e-13	-3.5624e+03	-3.2526e-19	-2.3868e+00	7.7716e-16	2.6061e+05
	-8.2911e-13	2.9122e+03	-3.2526e-19	-2.3868e+00	6.3838e-16	1.1888e+05
2455	1.4744e-13	-1.7139e+03	1.1276e-17	8.8291e+00	1.1102e-16	3.7311e+04
	1.4744e-13	2.8005e+03	1.1276e-17	8.8291e+00	1.1102e-15	2.0248e+05
2456	-4.9116e-13	-3.1540e+03	-3.4694e-18	9.5308e+01	-4.4409e-16	2.3280e+05
	-4.9116e-13	2.5358e+03	-3.4694e-18	9.5308e+01	1.5266e-16	9.8012e+04
2457	4.4520e-13	-1.4813e+03	-6.9389e-18	-1.6418e+02	-1.5543e-15	2.9600e+04
	4.4520e-13	2.4859e+03	-6.9389e-18	-1.6418e+02	-1.1102e-15	1.8230e+05
2458	3.7415e-13	-3.1078e+03	2.1684e-19	-6.0823e+01	3.3307e-16	2.2963e+05
	3.7415e-13	2.4948e+03	2.1684e-19	-6.0823e+01	-5.8287e-16	9.6010e+04
2459	-6.9100e-13	-1.4566e+03	-3.4694e-18	1.3097e+02	1.4988e-15	2.8903e+04
	-6.9100e-13	2.4498e+03	-3.4694e-18	1.3097e+02	-5.5511e-16	1.7987e+05
2460	7.1188e-13	-3.3944e+03	3.0358e-18	6.1914e+01	-4.4409e-16	2.4945e+05
	7.1188e-13	2.7532e+03	3.0358e-18	6.1914e+01	1.5266e-16	1.0966e+05
2461	-3.9901e-13	-1.6150e+03	6.5052e-18	-1.0661e+02	6.6613e-16	3.3875e+04
	-3.9901e-13	2.6714e+03	6.5052e-18	-1.0661e+02	4.4409e-16	1.9446e+05
2462	-2.6662e-16	-2.7181e+03	4.3368e-19	1.7452e-01	6.1062e-16	2.0216e+05
	-2.6662e-16	2.1542e+03	4.3368e-19	1.7452e-01	7.9103e-16	7.9204e+04
2463	-1.2051e-14	-1.2582e+03	9.9747e-18	1.3733e-01	1.1102e-16	2.4537e+04
	-1.2051e-14	2.1390e+03	9.9747e-18	1.3733e-01	9.9920e-16	1.5843e+05
2464	-7.2292e-13	-3.3944e+03	-1.0842e-19	-6.1769e+01	7.2164e-16	2.4946e+05
	-7.2292e-13	2.7532e+03	-1.0842e-19	-6.1769e+01	6.8001e-16	1.0966e+05
2465	3.9913e-13	-1.6150e+03	0.0000e+00	1.0708e+02	9.4369e-16	3.3873e+04
	3.9913e-13	2.6714e+03	0.0000e+00	1.0708e+02	-1.1102e-16	1.9446e+05
2466	-3.8469e-13	-3.1078e+03	-2.1684e-18	6.1414e+01	-7.2164e-16	2.2963e+05
	-3.8469e-13	2.4948e+03	-2.1684e-18	6.1414e+01	4.1633e-16	9.6012e+04
2467	6.9211e-13	-1.4566e+03	-3.4694e-18	-1.3067e+02	1.4988e-15	2.8908e+04
	6.9211e-13	2.4498e+03	-3.4694e-18	-1.3067e+02	-5.5511e-16	1.7987e+05
2468	4.8872e-13	-3.1541e+03	8.6736e-19	-9.4584e+01	4.9960e-16	2.3280e+05
	4.8872e-13	2.5357e+03	8.6736e-19	-9.4584e+01	-8.7430e-16	9.8006e+04
2469	-4.3321e-13	-1.4813e+03	9.5410e-18	1.6496e+02	-1.6653e-16	2.9600e+04
	-4.3321e-13	2.4859e+03	9.5410e-18	1.6496e+02	9.9920e-16	1.8231e+05
2470	8.3222e-13	-3.5624e+03	-2.3852e-18	2.6734e+00	-5.5511e-16	2.6060e+05

	8.3222e-13	2.9122e+03	-2.3852e-18	2.6734e+00	1.5266e-16	1.1888e+05
2471	-1.5232e-13	-1.7140e+03	9.5410e-18	-7.9693e+00	-1.1102e-16	3.7333e+04
	-1.5232e-13	2.8004e+03	9.5410e-18	-7.9693e+00	1.1102e-15	2.0246e+05
2472	-5.1736e-13	-2.0164e+03	-1.0842e-19	3.6109e+02	7.2164e-16	1.5121e+05
	-5.1736e-13	1.5806e+03	-1.0842e-19	3.6109e+02	6.8001e-16	5.6183e+04
2473	-2.0917e-13	-9.3528e+02	-7.3726e-18	-6.3528e+02	-1.2768e-15	1.9694e+04
	-2.0917e-13	1.5727e+03	-7.3726e-18	-6.3528e+02	-1.2212e-15	1.1658e+05
2474	2.6256e+03	7.4376e+01	2.1344e+01	-8.1584e-02	3.6974e+03	-1.0057e+04
	1.6738e+03	7.4376e+01	2.1344e+01	-8.1584e-02	1.2726e+04	2.1404e+04
2475	4.8104e+03	1.3559e+02	3.7961e+00	-8.1584e-02	9.6751e+03	-2.0759e+04
	3.8587e+03	1.3559e+02	3.7961e+00	-8.1584e-02	1.1281e+04	3.6596e+04
2476	7.9847e+03	1.9930e+02	3.1319e+00	-8.1584e-02	-4.1060e+02	-2.8596e+04
	7.0330e+03	1.9930e+02	3.1319e+00	-8.1584e-02	9.1420e+02	5.5708e+04
2477	3.9467e+03	1.0953e+02	2.8697e+00	-8.1584e-02	-3.5041e+02	-1.1154e+04
	2.9950e+03	1.0953e+02	2.8697e+00	-8.1584e-02	8.6349e+02	3.5175e+04
2478	7.1201e+03	1.8175e+02	-2.4096e+01	-8.1584e-02	1.2514e+03	-2.6053e+04
	6.1684e+03	1.8175e+02	-2.4096e+01	-8.1584e-02	-8.9411e+03	5.0828e+04
2479	7.0480e+03	1.7945e+02	2.4994e+01	-8.1584e-02	-1.2955e+03	-2.5733e+04
	6.0962e+03	1.7945e+02	2.4994e+01	-8.1584e-02	9.2772e+03	5.0172e+04
2480	4.6168e+03	-2.7186e+02	2.7475e+01	-8.1584e-02	-2.1367e+03	1.7938e+04
	3.6651e+03	-2.7186e+02	2.7475e+01	-8.1584e-02	9.4853e+03	-9.7060e+04
2481	4.6401e+03	-2.7849e+02	-2.4870e+01	-8.1584e-02	1.6885e+03	1.8934e+04
	3.6884e+03	-2.7849e+02	-2.4870e+01	-8.1584e-02	-8.8315e+03	-9.8866e+04
2482	5.1824e+03	-3.3032e+02	3.1296e+00	-8.1584e-02	-4.1561e+02	2.7407e+04
	4.2307e+03	-3.3032e+02	3.1296e+00	-8.1584e-02	9.0823e+02	-1.1232e+05
2483	3.3533e+03	-1.6836e+02	1.7407e+01	-8.1584e-02	4.9981e+03	9.5669e+03
	2.4015e+03	-1.6836e+02	1.7407e+01	-8.1584e-02	1.2361e+04	-6.1650e+04
2484	3.5268e+03	8.8508e+01	-2.6485e+01	-8.1584e-02	2.1894e+03	-7.5126e+03
	2.5751e+03	8.8508e+01	-2.6485e+01	-8.1584e-02	-9.0136e+03	2.9926e+04
2485	3.5131e+03	8.5904e+01	2.8717e+01	-8.1584e-02	-2.5574e+03	-7.0729e+03
	2.5614e+03	8.5904e+01	2.8717e+01	-8.1584e-02	9.5898e+03	2.9265e+04
2486	7.6188e+03	1.9225e+02	-1.9810e+01	-8.1584e-02	1.8623e+03	-2.7567e+04
	6.6671e+03	1.9225e+02	-1.9810e+01	-8.1584e-02	-6.5173e+03	5.3753e+04
2487	4.2461e+03	-2.2796e+02	4.0349e-02	-8.1584e-02	-9.9476e+00	1.2211e+04
	3.2944e+03	-2.2796e+02	4.0349e-02	-8.1584e-02	7.1202e+00	-8.4215e+04
2488	3.7750e+03	9.9375e+01	-2.1160e+01	-8.1584e-02	2.4145e+03	-9.3151e+03
	2.8232e+03	9.9375e+01	-2.1160e+01	-8.1584e-02	-6.5361e+03	3.2721e+04
2489	6.3234e+03	1.6351e+02	3.4743e-02	-8.1584e-02	-8.5747e+00	-2.3587e+04
	5.3716e+03	1.6351e+02	3.4743e-02	-8.1584e-02	6.1216e+00	4.5577e+04
2490	4.9698e+03	-3.0574e+02	-1.9470e+01	-8.1584e-02	1.9077e+03	2.2983e+04
	4.0181e+03	-3.0574e+02	-1.9470e+01	-8.1584e-02	-6.3280e+03	-1.0635e+05
2491	4.9711e+03	-3.0573e+02	1.9530e+01	-8.1584e-02	-1.9231e+03	2.2980e+04
	4.0193e+03	-3.0573e+02	1.9530e+01	-8.1584e-02	6.3383e+03	-1.0634e+05
2492	3.2794e+03	8.1476e+01	3.9076e-02	-8.1584e-02	-9.8895e+00	-8.1761e+03
	2.3277e+03	8.1476e+01	3.9076e-02	-8.1584e-02	6.6399e+00	2.6288e+04
2493	7.6188e+03	1.9225e+02	1.9874e+01	-8.1584e-02	-1.8786e+03	-2.7567e+04
	6.6671e+03	1.9225e+02	1.9874e+01	-8.1584e-02	6.5282e+03	5.3753e+04
2494	3.7758e+03	9.9370e+01	2.1224e+01	-8.1584e-02	-2.4312e+03	-9.3140e+03
	2.8240e+03	9.9370e+01	2.1224e+01	-8.1584e-02	6.5464e+03	3.2719e+04
2495	4.6145e+03	-2.7187e+02	-2.7387e+01	-8.1584e-02	2.1152e+03	1.7938e+04
	3.6627e+03	-2.7187e+02	-2.7387e+01	-8.1584e-02	-9.4693e+03	-9.7061e+04

2496	7.0480e+03	1.7945e+02	-2.4924e+01	-8.1584e-02	1.2781e+03	-2.5735e+04
	6.0962e+03	1.7945e+02	-2.4924e+01	-8.1584e-02	-9.2647e+03	5.0174e+04
2497	3.5117e+03	8.5921e+01	-2.8640e+01	-8.1584e-02	2.5381e+03	-7.0767e+03
	2.5600e+03	8.5921e+01	-2.8640e+01	-8.1584e-02	-9.5767e+03	2.9268e+04
2498	4.6433e+03	-2.7846e+02	2.4959e+01	-8.1584e-02	-1.7098e+03	1.8927e+04
	3.6916e+03	-2.7846e+02	2.4959e+01	-8.1584e-02	8.8476e+03	-9.8860e+04
2499	7.1202e+03	1.8177e+02	2.4165e+01	-8.1584e-02	-1.2686e+03	-2.6056e+04
	6.1684e+03	1.8177e+02	2.4165e+01	-8.1584e-02	8.9533e+03	5.0831e+04
2500	3.5283e+03	8.8518e+01	2.6543e+01	-8.1584e-02	-2.2045e+03	-7.5159e+03
	2.5765e+03	8.8518e+01	2.6543e+01	-8.1584e-02	9.0232e+03	2.9927e+04
2501	5.1830e+03	-3.3031e+02	-3.0646e+00	-8.1584e-02	3.9927e+02	2.7403e+04
	4.2312e+03	-3.3031e+02	-3.0646e+00	-8.1584e-02	-8.9704e+02	-1.1232e+05
2502	7.9846e+03	1.9936e+02	-3.0674e+00	-8.1584e-02	3.9413e+02	-2.8607e+04
	7.0328e+03	1.9936e+02	-3.0674e+00	-8.1584e-02	-9.0337e+02	5.5722e+04
2503	3.9400e+03	1.0963e+02	-2.8186e+00	-8.1584e-02	3.3663e+02	-1.1179e+04
	2.9883e+03	1.0963e+02	-2.8186e+00	-8.1584e-02	-8.5565e+02	3.5196e+04
2504	3.3547e+03	-1.6832e+02	-1.7329e+01	-8.1584e-02	-5.0204e+03	9.5552e+03
	2.4029e+03	-1.6832e+02	-1.7329e+01	-8.1584e-02	-1.2351e+04	-6.1644e+04
2505	4.8103e+03	1.3565e+02	-3.7439e+00	-8.1584e-02	-9.6899e+03	-2.0771e+04
	3.8586e+03	1.3565e+02	-3.7439e+00	-8.1584e-02	-1.1274e+04	3.6610e+04
2506	2.6261e+03	7.4483e+01	-2.1304e+01	-8.1584e-02	-3.7083e+03	-1.0085e+04
	1.6743e+03	7.4483e+01	-2.1304e+01	-8.1584e-02	-1.2720e+04	2.1421e+04
2530	0.0000e+00	-3.0711e+01	0.0000e+00	-6.1788e+02	0.0000e+00	8.9591e+01
	0.0000e+00	5.3664e+01	0.0000e+00	-6.1788e+02	0.0000e+00	6.0602e+02
	0.0000e+00	-2.6990e+02	0.0000e+00	2.2717e+02	0.0000e+00	6.9418e+02
	0.0000e+00	3.8447e+02	0.0000e+00	2.2717e+02	0.0000e+00	2.0686e+04
2531	0.0000e+00	3.4203e+01	0.0000e+00	-3.8100e+02	0.0000e+00	-4.6948e+03
	0.0000e+00	1.1858e+02	0.0000e+00	-3.8100e+02	0.0000e+00	-1.2572e+03
	0.0000e+00	-2.2285e+02	0.0000e+00	5.9656e+01	0.0000e+00	-8.0849e+03
	0.0000e+00	4.3153e+02	0.0000e+00	5.9656e+01	0.0000e+00	2.8330e+04
2532	0.0000e+00	1.1103e+01	0.0000e+00	-6.4850e+02	0.0000e+00	-4.4230e+03
	0.0000e+00	9.5478e+01	0.0000e+00	-6.4850e+02	0.0000e+00	-2.0249e+03
	0.0000e+00	-2.1039e+02	0.0000e+00	4.2271e+02	0.0000e+00	-1.0733e+04
	0.0000e+00	4.4398e+02	0.0000e+00	4.2271e+02	0.0000e+00	3.0028e+04
2533	0.0000e+00	8.9097e+00	0.0000e+00	5.6370e+02	0.0000e+00	-4.3538e+03
	0.0000e+00	9.3285e+01	0.0000e+00	5.6370e+02	0.0000e+00	-2.0544e+03
	0.0000e+00	-2.0985e+02	0.0000e+00	-3.8667e+02	0.0000e+00	-1.0861e+04
	0.0000e+00	4.4452e+02	0.0000e+00	-3.8667e+02	0.0000e+00	3.0089e+04
2534	0.0000e+00	2.1054e+01	0.0000e+00	-2.2468e+02	0.0000e+00	-4.6563e+03
	0.0000e+00	1.0543e+02	0.0000e+00	-2.2468e+02	0.0000e+00	-1.8105e+03
	0.0000e+00	-2.1286e+02	0.0000e+00	1.7451e+02	0.0000e+00	-1.0163e+04
	0.0000e+00	4.4152e+02	0.0000e+00	1.7451e+02	0.0000e+00	2.9738e+04
2535	0.0000e+00	6.1099e-01	0.0000e+00	2.2237e-01	0.0000e+00	-3.7773e+03
	0.0000e+00	8.4986e+01	0.0000e+00	2.2237e-01	0.0000e+00	-1.8514e+03
	0.0000e+00	-2.1490e+02	0.0000e+00	-6.9341e-01	0.0000e+00	-9.8963e+03
	0.0000e+00	4.3947e+02	0.0000e+00	-6.9341e-01	0.0000e+00	2.9292e+04
2536	0.0000e+00	2.1035e+01	0.0000e+00	2.2469e+02	0.0000e+00	-4.6558e+03
	0.0000e+00	1.0541e+02	0.0000e+00	2.2469e+02	0.0000e+00	-1.8108e+03
	0.0000e+00	-2.1282e+02	0.0000e+00	-1.7347e+02	0.0000e+00	-1.0164e+04
	0.0000e+00	4.4155e+02	0.0000e+00	-1.7347e+02	0.0000e+00	2.9749e+04
2537	0.0000e+00	8.9378e+00	0.0000e+00	-5.6312e+02	0.0000e+00	-4.3554e+03

	0.0000e+00	9.3313e+01	0.0000e+00	-5.6312e+02	0.0000e+00	-2.0548e+03
	0.0000e+00	-2.0986e+02	0.0000e+00	3.8482e+02	0.0000e+00	-1.0864e+04
	0.0000e+00	4.4452e+02	0.0000e+00	3.8482e+02	0.0000e+00	3.0085e+04
2538	0.0000e+00	1.1058e+01	0.0000e+00	6.4881e+02	0.0000e+00	-4.4219e+03
	0.0000e+00	9.5433e+01	0.0000e+00	6.4881e+02	0.0000e+00	-2.0258e+03
	0.0000e+00	-2.1031e+02	0.0000e+00	-4.2561e+02	0.0000e+00	-1.0735e+04
	0.0000e+00	4.4406e+02	0.0000e+00	-4.2561e+02	0.0000e+00	3.0053e+04
2539	0.0000e+00	3.4279e+01	0.0000e+00	3.8128e+02	0.0000e+00	-4.6920e+03
	0.0000e+00	1.1865e+02	0.0000e+00	3.8128e+02	0.0000e+00	-1.2510e+03
	0.0000e+00	-2.2301e+02	0.0000e+00	-5.7931e+01	0.0000e+00	-8.0582e+03
	0.0000e+00	4.3137e+02	0.0000e+00	-5.7931e+01	0.0000e+00	2.8300e+04
2540	0.0000e+00	-3.0788e+01	0.0000e+00	6.2393e+02	0.0000e+00	8.4017e+01
	0.0000e+00	5.3587e+01	0.0000e+00	6.2393e+02	0.0000e+00	5.9697e+02
	0.0000e+00	-2.6977e+02	0.0000e+00	-1.9644e+02	0.0000e+00	6.5559e+02
	0.0000e+00	3.8460e+02	0.0000e+00	-1.9644e+02	0.0000e+00	2.0693e+04

Condizione "(1) G2"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-9.8483e+01	0.0000e+00	9.0843e-02	0.0000e+00	7.7716e+03
	0.0000e+00	-9.8483e+01	0.0000e+00	9.0843e-02	0.0000e+00	-1.0645e+04
630	0.0000e+00	-6.7803e+01	0.0000e+00	1.1703e+02	0.0000e+00	4.7646e+03
	0.0000e+00	-6.7803e+01	0.0000e+00	1.1703e+02	0.0000e+00	-7.9144e+03
631	0.0000e+00	-6.7323e+01	0.0000e+00	-1.2543e+02	0.0000e+00	4.7295e+03
	0.0000e+00	-6.7323e+01	0.0000e+00	-1.2543e+02	0.0000e+00	-7.8600e+03
632	-5.9722e+01	1.1871e+02	5.9038e-01	7.0283e+00	-7.8282e+01	-1.4601e+04
	-5.9722e+01	1.1871e+02	5.9038e-01	7.0283e+00	-5.6650e+00	0.0000e+00
633	2.0754e+02	-1.0404e+02	6.0370e-01	2.2927e+00	-7.6104e+01	1.2797e+04
	2.0754e+02	-1.0404e+02	6.0370e-01	2.2927e+00	-1.8480e+00	-1.0914e-11
634	1.0391e+02	-1.2378e+01	3.6160e-01	5.9004e-01	-4.4952e+01	1.5225e+03
	1.0391e+02	-1.2378e+01	3.6160e-01	5.9004e-01	-4.7559e-01	7.2760e-12
635	8.7721e+01	5.9510e+00	2.0432e-01	-8.7758e-01	-2.4424e+01	-7.3197e+02
	8.7721e+01	5.9510e+00	2.0432e-01	-8.7758e-01	7.0736e-01	1.4552e-11
636	1.2229e+02	-2.2916e+01	5.9061e-02	-1.9669e+00	-5.6791e+00	2.8187e+03
	1.2229e+02	-2.2916e+01	5.9061e-02	-1.9669e+00	1.5854e+00	-7.2760e-12
637	6.5819e+01	2.7924e+01	-7.2691e-02	-3.2537e+00	1.1564e+01	-3.4347e+03
	6.5819e+01	2.7924e+01	-7.2691e-02	-3.2537e+00	2.6226e+00	0.0000e+00
638	1.1948e+02	-1.9734e+01	-1.9971e-01	-4.5069e+00	2.8197e+01	2.4272e+03
	1.1948e+02	-1.9734e+01	-1.9971e-01	-4.5069e+00	3.6327e+00	-2.1828e-11
639	9.1563e+01	1.6186e+00	-3.3087e-01	-5.6892e+00	4.5283e+01	-1.9909e+02
	9.1563e+01	1.6186e+00	-3.3087e-01	-5.6892e+00	4.5857e+00	-2.1828e-11
640	9.6636e+01	-4.1134e+00	-4.6916e-01	-7.2033e+00	6.3513e+01	5.0594e+02
	9.6636e+01	-4.1134e+00	-4.6916e-01	-7.2033e+00	5.8061e+00	-7.2760e-12
641	2.1259e+02	-1.1006e+02	-6.6599e-01	-9.0944e+00	8.9247e+01	1.3538e+04
	2.1259e+02	-1.1006e+02	-6.6599e-01	-9.0944e+00	7.3304e+00	3.6380e-12
642	-6.0467e+01	1.1904e+02	-1.1425e+00	-9.8963e+00	1.4850e+02	-1.4642e+04
	-6.0467e+01	1.1904e+02	-1.1425e+00	-9.8963e+00	7.9768e+00	2.9104e-11
654	0.0000e+00	6.5867e+01	0.0000e+00	2.3422e+03	0.0000e+00	-3.5634e+03
	0.0000e+00	-8.1628e+01	0.0000e+00	4.7646e+03	0.0000e+00	-1.1703e+02
655	0.0000e+00	4.1643e+01	0.0000e+00	5.9612e+02	0.0000e+00	-2.2783e+03
	0.0000e+00	-4.9500e+01	0.0000e+00	2.3422e+03	0.0000e+00	-3.5634e+03
656	0.0000e+00	3.5326e+01	0.0000e+00	-3.4429e+02	0.0000e+00	-2.3362e+03
	0.0000e+00	-3.5283e+01	0.0000e+00	5.9612e+02	0.0000e+00	-2.2783e+03

657	0.0000e+00	4.0209e+01	0.0000e+00	-2.0024e+03	0.0000e+00	-1.9442e+03
	0.0000e+00	-4.0987e+01	0.0000e+00	-3.4429e+02	0.0000e+00	-2.3362e+03
658	0.0000e+00	8.5684e+01	0.0000e+00	-3.8836e+03	0.0000e+00	-6.4293e+03
	0.0000e+00	-4.4145e+01	0.0000e+00	-2.0024e+03	0.0000e+00	-1.9442e+03
659	0.0000e+00	4.4084e+01	0.0000e+00	2.0073e+03	0.0000e+00	-1.9378e+03
	0.0000e+00	-8.5680e+01	0.0000e+00	3.8880e+03	0.0000e+00	-6.4294e+03
660	0.0000e+00	4.1058e+01	0.0000e+00	3.5184e+02	0.0000e+00	-2.3466e+03
	0.0000e+00	-4.0152e+01	0.0000e+00	2.0073e+03	0.0000e+00	-1.9378e+03
661	0.0000e+00	3.5128e+01	0.0000e+00	-5.8535e+02	0.0000e+00	-2.2598e+03
	0.0000e+00	-3.5421e+01	0.0000e+00	3.5184e+02	0.0000e+00	-2.3466e+03
662	0.0000e+00	5.0074e+01	0.0000e+00	-2.3224e+03	0.0000e+00	-3.6138e+03
	0.0000e+00	-4.1573e+01	0.0000e+00	-5.8535e+02	0.0000e+00	-2.2598e+03
663	0.0000e+00	8.2733e+01	0.0000e+00	-4.7295e+03	0.0000e+00	-1.2543e+02
	0.0000e+00	-6.6744e+01	0.0000e+00	-2.3224e+03	0.0000e+00	-3.6138e+03
664	0.0000e+00	1.0373e+02	0.0000e+00	-1.0271e+04	0.0000e+00	-1.0871e+04
	0.0000e+00	4.0296e+01	0.0000e+00	-1.6410e+04	0.0000e+00	6.3362e+02
665	0.0000e+00	7.6099e+01	0.0000e+00	2.7419e+03	0.0000e+00	-3.5825e+03
	0.0000e+00	-1.3117e+02	0.0000e+00	-1.2023e+03	0.0000e+00	-1.0815e+04
666	0.0000e+00	5.6388e+01	0.0000e+00	2.5390e+03	0.0000e+00	-3.4508e+03
	0.0000e+00	-6.0549e+01	0.0000e+00	-2.7201e+02	0.0000e+00	-3.7281e+03
667	0.0000e+00	7.8009e+01	0.0000e+00	1.7234e+03	0.0000e+00	-5.4783e+03
	0.0000e+00	-6.3926e+01	0.0000e+00	-2.6515e+03	0.0000e+00	-3.2634e+03
668	0.0000e+00	4.8935e+01	0.0000e+00	3.9420e+03	0.0000e+00	-1.9464e+03
	0.0000e+00	-7.6160e+01	0.0000e+00	1.7480e+02	0.0000e+00	-5.5746e+03
669	0.0000e+00	7.4616e+01	0.0000e+00	2.5783e+01	0.0000e+00	-5.4086e+03
	0.0000e+00	-4.8913e+01	0.0000e+00	-3.7707e+03	0.0000e+00	-1.9592e+03
670	0.0000e+00	6.5581e+01	0.0000e+00	2.5167e+03	0.0000e+00	-3.5129e+03
	0.0000e+00	-7.6670e+01	0.0000e+00	-1.8938e+03	0.0000e+00	-5.3337e+03
671	0.0000e+00	5.6583e+01	0.0000e+00	7.1793e+02	0.0000e+00	-3.3124e+03
	0.0000e+00	-5.8548e+01	0.0000e+00	-2.1359e+03	0.0000e+00	-3.7250e+03
672	0.0000e+00	1.3357e+02	0.0000e+00	6.6769e+02	0.0000e+00	-1.1099e+04
	0.0000e+00	-7.2697e+01	0.0000e+00	-3.2797e+03	0.0000e+00	-3.1864e+03
673	0.0000e+00	-4.0853e+01	0.0000e+00	1.6493e+04	0.0000e+00	7.0834e+02
	0.0000e+00	-1.0647e+02	0.0000e+00	1.0443e+04	0.0000e+00	-1.1167e+04
2422	-5.5511e-17	2.3401e+00	2.2204e-16	-7.3816e+02	9.5923e-14	-5.1826e+02
	-5.5511e-17	2.3401e+00	2.2204e-16	-7.3816e+02	1.2434e-14	4.1777e+02
2423	-3.0531e-16	-3.2908e-01	-1.3184e-16	1.5861e+02	-2.1494e-13	2.5172e+01
	-3.0531e-16	-3.2908e-01	-1.3184e-16	1.5861e+02	1.8741e-13	-1.1962e+02
2424	5.5511e-17	-3.0818e-02	-3.1225e-15	1.8661e+00	3.6415e-13	8.3812e+01
	5.5511e-17	-3.0818e-02	-3.1225e-15	1.8661e+00	-3.4017e-13	7.5183e+01
2425	-2.7756e-16	8.9871e-02	-1.2490e-16	-1.0433e+02	2.7089e-14	-6.0153e+01
	-2.7756e-16	8.9871e-02	-1.2490e-16	-1.0433e+02	-5.2625e-14	-2.0610e+01
2426	-8.8818e-16	-4.8078e-01	-1.0139e-15	1.4333e+02	-1.3989e-13	1.0369e+02
	-8.8818e-16	-4.8078e-01	-1.0139e-15	1.4333e+02	6.8945e-14	-6.4580e+01
2427	-2.2204e-16	5.1398e-01	9.9400e-16	-1.4343e+02	6.9389e-14	-7.0500e+01
	-2.2204e-16	5.1398e-01	9.9400e-16	-1.4343e+02	-1.4166e-13	1.0939e+02
2428	8.3267e-17	-6.9179e-02	1.1276e-16	1.0460e+02	-5.1070e-14	-2.5061e+01
	8.3267e-17	-6.9179e-02	1.1276e-16	1.0460e+02	2.5757e-14	-5.5500e+01
2429	-3.3307e-16	8.0898e-02	3.2405e-15	-2.4094e+00	-3.5882e-13	6.8140e+01
	-3.3307e-16	8.0898e-02	3.2405e-15	-2.4094e+00	3.8280e-13	9.0791e+01
2430	5.5511e-17	3.5009e-01	2.1511e-16	-1.5821e+02	1.7719e-13	-1.2436e+02

	5.5511e-17	3.5009e-01	2.1511e-16	-1.5821e+02	-2.0339e-13	2.9685e+01
2431	0.0000e+00	-2.3089e+00	-1.8041e-16	7.3768e+02	6.2172e-15	4.1126e+02
	0.0000e+00	-2.3089e+00	-1.8041e-16	7.3768e+02	1.0214e-13	-5.1230e+02
2432	2.2204e-16	4.2011e-02	1.7347e-16	1.9817e+03	1.0481e-13	-6.1411e+01
	2.2204e-16	4.2011e-02	1.7347e-16	1.9817e+03	3.5527e-15	-4.4607e+01
2433	0.0000e+00	6.6156e-01	-1.1449e-16	-4.0574e+02	-2.1938e-13	-1.7464e+02
	0.0000e+00	6.6156e-01	-1.1449e-16	-4.0574e+02	1.9273e-13	1.1644e+02
2434	6.6613e-16	1.3608e-02	-3.3862e-15	-9.9670e+00	3.8902e-13	6.5740e+01
	6.6613e-16	1.3608e-02	-3.3862e-15	-9.9670e+00	-3.6504e-13	6.9550e+01
2435	-2.2204e-16	-1.5569e-01	-1.2837e-16	2.6693e+02	2.7089e-14	-4.1462e+00
	-2.2204e-16	-1.5569e-01	-1.2837e-16	2.6693e+02	-5.2625e-14	-7.2652e+01
2436	2.2204e-16	2.6589e-01	1.7347e-16	-6.3659e+02	1.0481e-13	-9.5206e+01
	2.2204e-16	2.6589e-01	1.7347e-16	-6.3659e+02	3.5527e-15	1.1151e+01
2437	2.2204e-16	5.7446e-01	-1.0061e-16	1.5150e+02	-2.2204e-13	-1.5551e+02
	2.2204e-16	5.7446e-01	-1.0061e-16	1.5150e+02	1.9451e-13	9.7251e+01
2438	-2.2204e-16	-7.1416e-02	-3.1086e-15	3.5940e+00	3.6238e-13	7.0857e+01
	-2.2204e-16	-7.1416e-02	-3.1086e-15	3.5940e+00	-3.3840e-13	5.0861e+01
2439	0.0000e+00	-1.9428e-01	-1.5266e-16	-8.5097e+01	3.2863e-14	7.1932e+00
	0.0000e+00	-1.9428e-01	-1.5266e-16	-8.5097e+01	-5.8398e-14	-7.8291e+01
2440	8.8818e-16	-2.5875e-01	-9.9486e-16	1.4220e+02	-1.4300e-13	6.4282e+01
	8.8818e-16	-2.5875e-01	-9.9486e-16	1.4220e+02	7.1831e-14	-2.6282e+01
2441	0.0000e+00	3.1750e-01	-1.0573e-15	-4.1220e+02	-1.3167e-13	-3.7221e+01
	0.0000e+00	3.1750e-01	-1.0573e-15	-4.1220e+02	5.9952e-14	7.3904e+01
2442	-2.2204e-16	-2.7737e-01	1.0139e-15	4.1221e+02	6.5836e-14	6.6614e+01
	-2.2204e-16	-2.7737e-01	1.0139e-15	4.1221e+02	-1.3811e-13	-3.0464e+01
2443	-2.2204e-16	1.5337e-01	1.2317e-16	-2.6644e+02	-5.3069e-14	-7.1805e+01
	-2.2204e-16	1.5337e-01	1.2317e-16	-2.6644e+02	2.7534e-14	-4.3206e+00
2444	2.2204e-16	1.1103e-01	3.2405e-15	9.3561e+00	-3.5616e-13	5.1946e+01
	2.2204e-16	1.1103e-01	3.2405e-15	9.3561e+00	3.8014e-13	8.3035e+01
2445	-2.2204e-16	-6.8431e-01	1.8041e-16	4.0660e+02	1.8252e-13	1.2117e+02
	-2.2204e-16	-6.8431e-01	1.8041e-16	4.0660e+02	-2.0872e-13	-1.7992e+02
2446	-2.2204e-16	1.4259e-02	-1.5266e-16	-1.9820e+03	0.0000e+00	-5.5848e+01
	-2.2204e-16	1.4259e-02	-1.5266e-16	-1.9820e+03	1.0747e-13	-5.0145e+01
2447	8.8818e-16	3.0088e-01	1.0738e-15	-1.4197e+02	5.6177e-14	-3.3770e+01
	8.8818e-16	3.0088e-01	1.0738e-15	-1.4197e+02	-1.2812e-13	7.1537e+01
2448	-4.4409e-16	2.1926e-01	1.1102e-16	8.5171e+01	-5.0404e-14	-8.3700e+01
	-4.4409e-16	2.1926e-01	1.1102e-16	8.5171e+01	2.4869e-14	1.2776e+01
2449	2.2204e-16	1.3882e-01	3.4070e-15	-3.2339e+00	-3.7748e-13	4.1342e+01
	2.2204e-16	1.3882e-01	3.4070e-15	-3.2339e+00	4.0146e-13	8.0210e+01
2450	0.0000e+00	-5.5483e-01	1.5266e-16	-1.5179e+02	1.8785e-13	9.2760e+01
	0.0000e+00	-5.5483e-01	1.5266e-16	-1.5179e+02	-2.1405e-13	-1.5136e+02
2451	-2.2204e-16	-2.2871e-01	-1.5266e-16	6.3668e+02	8.8818e-16	3.3511e+00
	-2.2204e-16	-2.2871e-01	-1.5266e-16	6.3668e+02	1.0747e-13	-8.8134e+01
2452	-8.8818e-15	-5.3685e+02	3.9031e-18	-2.7375e+01	-2.2204e-16	4.0087e+04
	-8.8818e-15	4.2235e+02	3.9031e-18	-2.7375e+01	-8.3267e-16	1.5124e+04
2453	1.6165e-13	-2.5417e+02	-1.2143e-17	7.9922e+01	8.8818e-16	6.0148e+03
	1.6165e-13	4.1463e+02	-1.2143e-17	7.9922e+01	-2.2204e-15	3.0404e+04
2454	-3.7303e-14	-1.0996e+03	-2.6021e-18	-3.5080e+01	4.4409e-16	7.9342e+04
	-3.7303e-14	9.1469e+02	-2.6021e-18	-3.5080e+01	-4.4409e-16	3.9024e+04
2455	4.2810e-13	-5.4679e+02	8.6736e-18	4.7083e+01	2.2204e-16	1.3580e+04
	4.2810e-13	8.5769e+02	8.6736e-18	4.7083e+01	0.0000e+00	6.0837e+04

2456	1.9273e-13	-9.4975e+02	-1.3010e-18	2.0487e+01	-6.6613e-16	6.9122e+04
	1.9273e-13	7.7681e+02	-1.3010e-18	2.0487e+01	-6.1062e-16	3.1419e+04
2457	2.0872e-13	-4.6128e+02	-1.2143e-17	-3.2470e+01	8.8818e-16	1.0721e+04
	2.0872e-13	7.4256e+02	-1.2143e-17	-3.2470e+01	-2.2204e-15	5.3474e+04
2458	-2.0783e-13	-9.4978e+02	-1.3010e-18	-2.6329e+00	4.4409e-16	6.9147e+04
	-2.0783e-13	7.7678e+02	-1.3010e-18	-2.6329e+00	-1.1102e-16	3.1435e+04
2459	2.2382e-13	-4.6140e+02	3.4694e-18	1.9674e+01	-1.3323e-15	1.0743e+04
	2.2382e-13	7.4244e+02	3.4694e-18	1.9674e+01	0.0000e+00	5.3461e+04
2460	2.2427e-14	-1.0389e+03	-3.0358e-18	3.4444e+00	-6.6613e-16	7.5368e+04
	2.2427e-14	8.5550e+02	-3.0358e-18	3.4444e+00	-6.1062e-16	3.5383e+04
2461	-1.9096e-14	-5.0902e+02	1.5613e-17	-1.5714e+00	-1.1102e-15	1.2126e+04
	-1.9096e-14	8.1186e+02	1.5613e-17	-1.5714e+00	8.8818e-16	5.8159e+04
2462	-1.0894e-15	-9.2449e+02	4.3368e-19	4.8252e-01	-2.2204e-16	6.7313e+04
	-1.0894e-15	7.5411e+02	4.3368e-19	4.8252e-01	1.6653e-16	3.0170e+04
2463	-1.2651e-14	-4.4979e+02	1.7347e-18	3.7290e-01	2.2204e-16	1.0745e+04
	-1.2651e-14	7.2061e+02	1.7347e-18	3.7290e-01	-4.4409e-16	5.1909e+04
2464	-3.1752e-14	-1.0389e+03	-1.7347e-18	-2.8611e+00	2.2204e-16	7.5374e+04
	-3.1752e-14	8.5547e+02	-1.7347e-18	-2.8611e+00	-2.2204e-16	3.5376e+04
2465	1.9540e-14	-5.0902e+02	-1.0408e-17	2.3406e+00	2.2204e-16	1.2127e+04
	1.9540e-14	8.1186e+02	-1.0408e-17	2.3406e+00	-1.3323e-15	5.8160e+04
2466	2.0028e-13	-9.4978e+02	-3.4694e-18	3.9367e+00	0.0000e+00	6.9147e+04
	2.0028e-13	7.7678e+02	-3.4694e-18	3.9367e+00	4.4409e-16	3.1433e+04
2467	-2.1849e-13	-4.6143e+02	3.4694e-18	-1.8843e+01	-1.3323e-15	1.0748e+04
	-2.1849e-13	7.4241e+02	3.4694e-18	-1.8843e+01	0.0000e+00	5.3456e+04
2468	-1.9362e-13	-9.4982e+02	2.1684e-18	-1.9422e+01	-6.6613e-16	6.9136e+04
	-1.9362e-13	7.7674e+02	2.1684e-18	-1.9422e+01	6.1062e-16	3.1404e+04
2469	-1.9629e-13	-4.6130e+02	-1.7347e-18	3.3444e+01	-6.6613e-16	1.0726e+04
	-1.9629e-13	7.4254e+02	-1.7347e-18	3.3444e+01	-8.8818e-16	5.3475e+04
2470	4.0856e-14	-1.0996e+03	2.6021e-18	3.5639e+01	6.6613e-16	7.9338e+04
	4.0856e-14	9.1470e+02	2.6021e-18	3.5639e+01	-6.1062e-16	3.9025e+04
2471	-4.3698e-13	-5.4689e+02	0.0000e+00	-4.5838e+01	-6.6613e-16	1.3595e+04
	-4.3698e-13	8.5759e+02	0.0000e+00	-4.5838e+01	0.0000e+00	6.0821e+04
2472	1.7764e-15	-5.3691e+02	-1.7347e-18	2.8743e+01	2.2204e-16	4.0096e+04
	1.7764e-15	4.2229e+02	-1.7347e-18	2.8743e+01	-2.2204e-16	1.5110e+04
2473	-1.5277e-13	-2.5429e+02	1.3878e-17	-7.8333e+01	1.9984e-15	6.0338e+03
	-1.5277e-13	4.1451e+02	1.3878e-17	-7.8333e+01	8.8818e-16	3.0388e+04
2474	7.2819e+02	2.5790e+01	-1.8593e+00	-3.3335e-01	8.7138e+02	-4.2578e+03
	7.2819e+02	2.5790e+01	-1.8593e+00	-3.3335e-01	8.4919e+01	6.6514e+03
2475	9.5382e+02	3.9700e+01	-1.1568e+00	-3.3335e-01	7.9980e+02	-6.3720e+03
	9.5382e+02	3.9700e+01	-1.1568e+00	-3.3335e-01	3.1047e+02	1.0421e+04
2476	1.9547e+03	6.3998e+01	1.1743e+00	-3.3335e-01	-1.8027e+02	-9.4631e+03
	1.9547e+03	6.3998e+01	1.1743e+00	-3.3335e-01	3.1647e+02	1.7608e+04
2477	1.2648e+03	4.6330e+01	1.1265e+00	-3.3335e-01	-2.4140e+02	-6.8060e+03
	1.2648e+03	4.6330e+01	1.1265e+00	-3.3335e-01	2.3510e+02	1.2791e+04
2478	1.6926e+03	5.7499e+01	2.0168e+00	-3.3335e-01	-7.5016e+02	-8.5176e+03
	1.6926e+03	5.7499e+01	2.0168e+00	-3.3335e-01	1.0297e+02	1.5804e+04
2479	1.6923e+03	5.7457e+01	-2.1566e+00	-3.3335e-01	7.8549e+02	-8.5121e+03
	1.6923e+03	5.7457e+01	-2.1566e+00	-3.3335e-01	-1.2673e+02	1.5792e+04
2480	1.5425e+03	-9.8507e+01	-2.1629e+00	-3.3335e-01	7.8051e+02	9.9568e+03
	1.5425e+03	-9.8507e+01	-2.1629e+00	-3.3335e-01	-1.3442e+02	-3.1712e+04
2481	1.5271e+03	-9.8984e+01	2.5608e+00	-3.3335e-01	-8.5786e+02	1.0055e+04

	1.5271e+03	-9.8984e+01	2.5608e+00	-3.3335e-01	2.2537e+02	-3.1815e+04
2482	1.6757e+03	-1.1707e+02	1.0284e+00	-3.3335e-01	-2.2010e+02	1.2885e+04
	1.6757e+03	-1.1707e+02	1.0284e+00	-3.3335e-01	2.1490e+02	-3.6637e+04
2483	9.8303e+02	-5.0131e+01	-3.0158e+00	-3.3335e-01	1.2622e+03	4.1000e+03
	9.8303e+02	-5.0131e+01	-3.0158e+00	-3.3335e-01	-1.3534e+01	-1.7105e+04
2484	1.1493e+03	3.8698e+01	2.1269e+00	-3.3335e-01	-7.2890e+02	-5.5002e+03
	1.1493e+03	3.8698e+01	2.1269e+00	-3.3335e-01	1.7078e+02	1.0869e+04
2485	1.1512e+03	3.8520e+01	-1.9743e+00	-3.3335e-01	7.0306e+02	-5.4624e+03
	1.1512e+03	3.8520e+01	-1.9743e+00	-3.3335e-01	-1.3208e+02	1.0832e+04
2486	1.8502e+03	6.1597e+01	7.7495e-01	-3.3335e-01	-3.2721e+02	-9.0945e+03
	1.8502e+03	6.1597e+01	7.7495e-01	-3.3335e-01	5.8848e-01	1.6961e+04
2487	1.5159e+03	-9.5848e+01	3.9935e-02	-3.3335e-01	-9.7514e+00	9.5495e+03
	1.5159e+03	-9.5848e+01	3.9935e-02	-3.3335e-01	7.1413e+00	-3.0994e+04
2488	1.2644e+03	4.2707e+01	4.8726e-01	-3.3335e-01	-2.4280e+02	-6.1663e+03
	1.2644e+03	4.2707e+01	4.8726e-01	-3.3335e-01	-3.6689e+01	1.1899e+04
2489	1.6461e+03	5.7114e+01	3.2873e-02	-3.3335e-01	-8.0955e+00	-8.4681e+03
	1.6461e+03	5.7114e+01	3.2873e-02	-3.3335e-01	5.8099e+00	1.5691e+04
2490	1.6721e+03	-1.0913e+02	1.2604e+00	-3.3335e-01	-4.5741e+02	1.1458e+04
	1.6721e+03	-1.0913e+02	1.2604e+00	-3.3335e-01	7.5755e+01	-3.4704e+04
2491	1.6747e+03	-1.0910e+02	-1.2129e+00	-3.3335e-01	4.4556e+02	1.1450e+04
	1.6747e+03	-1.0910e+02	-1.2129e+00	-3.3335e-01	-6.7488e+01	-3.4698e+04
2492	1.1233e+03	4.1043e+01	3.8359e-02	-3.3335e-01	-9.7104e+00	-6.3324e+03
	1.1233e+03	4.1043e+01	3.8359e-02	-3.3335e-01	6.5156e+00	1.1029e+04
2493	1.8502e+03	6.1617e+01	-7.1362e-01	-3.3335e-01	3.1166e+02	-9.0983e+03
	1.8502e+03	6.1617e+01	-7.1362e-01	-3.3335e-01	9.7988e+00	1.6966e+04
2494	1.2647e+03	4.2715e+01	-4.1659e-01	-3.3335e-01	2.2444e+02	-6.1683e+03
	1.2647e+03	4.2715e+01	-4.1659e-01	-3.3335e-01	4.8221e+01	1.1900e+04
2495	1.5390e+03	-9.8485e+01	2.2544e+00	-3.3335e-01	-8.0241e+02	9.9505e+03
	1.5390e+03	-9.8485e+01	2.2544e+00	-3.3335e-01	1.5120e+02	-3.1709e+04
2496	1.6923e+03	5.7486e+01	2.2236e+00	-3.3335e-01	-8.0197e+02	-8.5184e+03
	1.6923e+03	5.7486e+01	2.2236e+00	-3.3335e-01	1.3863e+02	1.5798e+04
2497	1.1510e+03	3.8546e+01	2.0509e+00	-3.3335e-01	-7.2247e+02	-5.4684e+03
	1.1510e+03	3.8546e+01	2.0509e+00	-3.3335e-01	1.4504e+02	1.0837e+04
2498	1.5336e+03	-9.8906e+01	-2.4929e+00	-3.3335e-01	8.4191e+02	1.0037e+04
	1.5336e+03	-9.8906e+01	-2.4929e+00	-3.3335e-01	-2.1258e+02	-3.1801e+04
2499	1.6926e+03	5.7556e+01	-1.9506e+00	-3.3335e-01	7.3377e+02	-8.5290e+03
	1.6926e+03	5.7556e+01	-1.9506e+00	-3.3335e-01	-9.1322e+01	1.5817e+04
2500	1.1498e+03	3.8729e+01	-2.0573e+00	-3.3335e-01	7.1109e+02	-5.5079e+03
	1.1498e+03	3.8729e+01	-2.0573e+00	-3.3335e-01	-1.5916e+02	1.0874e+04
2501	1.6710e+03	-1.1707e+02	-9.8622e-01	-3.3335e-01	2.0952e+02	1.2883e+04
	1.6710e+03	-1.1707e+02	-9.8622e-01	-3.3335e-01	-2.0765e+02	-3.6636e+04
2502	1.9546e+03	6.4061e+01	-1.1143e+00	-3.3335e-01	1.6486e+02	-9.4769e+03
	1.9546e+03	6.4061e+01	-1.1143e+00	-3.3335e-01	-3.0647e+02	1.7621e+04
2503	1.2628e+03	4.6410e+01	-1.0684e+00	-3.3335e-01	2.2564e+02	-6.8246e+03
	1.2628e+03	4.6410e+01	-1.0684e+00	-3.3335e-01	-2.2631e+02	1.2807e+04
2504	9.8492e+02	-5.0056e+01	3.1093e+00	-3.3335e-01	-1.2872e+03	4.0819e+03
	9.8492e+02	-5.0056e+01	3.1093e+00	-3.3335e-01	2.8051e+01	-1.7092e+04
2505	9.5373e+02	3.9817e+01	1.2031e+00	-3.3335e-01	-8.1307e+02	-6.3972e+03
	9.5373e+02	3.9817e+01	1.2031e+00	-3.3335e-01	-3.0418e+02	1.0445e+04
2506	7.2600e+02	2.5890e+01	1.8915e+00	-3.3335e-01	-8.8217e+02	-4.2808e+03
	7.2600e+02	2.5890e+01	1.8915e+00	-3.3335e-01	-8.2054e+01	6.6705e+03

2530	0.0000e+00	8.0008e+00	0.0000e+00	-1.4237e+02	0.0000e+00	-1.5755e+03
	0.0000e+00	8.0008e+00	0.0000e+00	-1.4237e+02	0.0000e+00	-1.2155e+03
	0.0000e+00	1.9614e+01	0.0000e+00	-5.5984e+02	0.0000e+00	-4.9946e+03
	0.0000e+00	1.9614e+01	0.0000e+00	-5.5984e+02	0.0000e+00	1.8507e+03
2531	0.0000e+00	2.2337e+01	0.0000e+00	-6.0891e+01	0.0000e+00	-2.2656e+03
	0.0000e+00	2.2337e+01	0.0000e+00	-6.0891e+01	0.0000e+00	-1.2604e+03
	0.0000e+00	2.7457e+01	0.0000e+00	2.1842e+01	0.0000e+00	-5.8198e+03
	0.0000e+00	2.7457e+01	0.0000e+00	2.1842e+01	0.0000e+00	3.7627e+03
2532	0.0000e+00	1.4853e+01	0.0000e+00	-1.8066e+02	0.0000e+00	-2.2224e+03
	0.0000e+00	1.4853e+01	0.0000e+00	-1.8066e+02	0.0000e+00	-1.5540e+03
	0.0000e+00	3.2644e+01	0.0000e+00	1.8953e+02	0.0000e+00	-6.8892e+03
	0.0000e+00	3.2644e+01	0.0000e+00	1.8953e+02	0.0000e+00	4.5036e+03
2533	0.0000e+00	1.4635e+01	0.0000e+00	1.5637e+02	0.0000e+00	-2.2152e+03
	0.0000e+00	1.4635e+01	0.0000e+00	1.5637e+02	0.0000e+00	-1.5566e+03
	0.0000e+00	3.2565e+01	0.0000e+00	-1.6682e+02	0.0000e+00	-6.9118e+03
	0.0000e+00	3.2565e+01	0.0000e+00	-1.6682e+02	0.0000e+00	4.4535e+03
2534	0.0000e+00	1.8756e+01	0.0000e+00	-8.7739e+01	0.0000e+00	-2.3323e+03
	0.0000e+00	1.8756e+01	0.0000e+00	-8.7739e+01	0.0000e+00	-1.4883e+03
	0.0000e+00	3.1811e+01	0.0000e+00	1.0315e+02	0.0000e+00	-6.7553e+03
	0.0000e+00	3.1811e+01	0.0000e+00	1.0315e+02	0.0000e+00	4.3468e+03
2535	0.0000e+00	1.4320e+01	0.0000e+00	4.4973e-01	0.0000e+00	-2.1942e+03
	0.0000e+00	1.4320e+01	0.0000e+00	4.4973e-01	0.0000e+00	-1.5498e+03
	0.0000e+00	3.2028e+01	0.0000e+00	-1.2221e+00	0.0000e+00	-6.8999e+03
	0.0000e+00	3.2028e+01	0.0000e+00	-1.2221e+00	0.0000e+00	4.2780e+03
2536	0.0000e+00	1.8721e+01	0.0000e+00	8.7758e+01	0.0000e+00	-2.3314e+03
	0.0000e+00	1.8721e+01	0.0000e+00	8.7758e+01	0.0000e+00	-1.4890e+03
	0.0000e+00	3.1875e+01	0.0000e+00	-1.0200e+02	0.0000e+00	-6.7570e+03
	0.0000e+00	3.1875e+01	0.0000e+00	-1.0200e+02	0.0000e+00	4.3672e+03
2537	0.0000e+00	1.4680e+01	0.0000e+00	-1.5559e+02	0.0000e+00	-2.2179e+03
	0.0000e+00	1.4680e+01	0.0000e+00	-1.5559e+02	0.0000e+00	-1.5573e+03
	0.0000e+00	3.2593e+01	0.0000e+00	1.6295e+02	0.0000e+00	-6.9163e+03
	0.0000e+00	3.2593e+01	0.0000e+00	1.6295e+02	0.0000e+00	4.4585e+03
2538	0.0000e+00	1.4778e+01	0.0000e+00	1.8055e+02	0.0000e+00	-2.2194e+03
	0.0000e+00	1.4778e+01	0.0000e+00	1.8055e+02	0.0000e+00	-1.5544e+03
	0.0000e+00	3.2735e+01	0.0000e+00	-1.9054e+02	0.0000e+00	-6.8881e+03
	0.0000e+00	3.2735e+01	0.0000e+00	-1.9054e+02	0.0000e+00	4.5364e+03
2539	0.0000e+00	2.2419e+01	0.0000e+00	6.0422e+01	0.0000e+00	-2.2685e+03
	0.0000e+00	2.2419e+01	0.0000e+00	6.0422e+01	0.0000e+00	-1.2596e+03
	0.0000e+00	2.7355e+01	0.0000e+00	-2.0392e+01	0.0000e+00	-5.8183e+03
	0.0000e+00	2.7355e+01	0.0000e+00	-2.0392e+01	0.0000e+00	3.7286e+03
2540	0.0000e+00	7.9857e+00	0.0000e+00	1.4224e+02	0.0000e+00	-1.5688e+03
	0.0000e+00	7.9857e+00	0.0000e+00	1.4224e+02	0.0000e+00	-1.2095e+03
	0.0000e+00	1.9426e+01	0.0000e+00	5.5534e+02	0.0000e+00	-4.9706e+03
	0.0000e+00	1.9426e+01	0.0000e+00	5.5534e+02	0.0000e+00	1.8091e+03

Condizione "(1) Q1"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-1.4502e+01	0.0000e+00	6.6731e-04	0.0000e+00	1.1351e+03
	0.0000e+00	-1.4502e+01	0.0000e+00	6.6731e-04	0.0000e+00	-1.5768e+03
630	0.0000e+00	-9.9408e+00	0.0000e+00	-7.7578e+01	0.0000e+00	7.4781e+02
	0.0000e+00	-9.9408e+00	0.0000e+00	-7.7578e+01	0.0000e+00	-1.1111e+03
631	0.0000e+00	-9.9396e+00	0.0000e+00	7.7564e+01	0.0000e+00	7.4771e+02

	0.0000e+00	-9.9396e+00	0.0000e+00	7.7564e+01	0.0000e+00	-1.1110e+03
632	-7.7009e-01	9.8606e-01	-3.8033e-03	-3.4037e-02	4.9524e-01	-1.2129e+02
	-7.7009e-01	9.8606e-01	-3.8033e-03	-3.4037e-02	2.7435e-02	-3.6380e-12
633	8.1176e-01	-7.2198e-01	2.8320e-03	6.8638e-02	-4.0366e-01	8.8804e+01
	8.1176e-01	-7.2198e-01	2.8320e-03	6.8638e-02	-5.5325e-02	-3.6380e-12
634	3.8821e-01	-2.5715e-01	3.4777e-03	6.9013e-02	-4.8338e-01	3.1629e+01
	3.8821e-01	-2.5715e-01	3.4777e-03	6.9013e-02	-5.5627e-02	1.8190e-12
635	1.9698e-01	-4.0894e-02	-1.6827e-04	8.3365e-03	1.3978e-02	5.0299e+00
	1.9698e-01	-4.0894e-02	-1.6827e-04	8.3365e-03	-6.7195e-03	1.8190e-12
636	2.0075e-01	-3.6924e-02	1.7732e-03	3.3202e-02	-2.4487e-01	4.5417e+00
	2.0075e-01	-3.6924e-02	1.7732e-03	3.3202e-02	-2.6762e-02	1.8190e-12
637	5.2598e-02	1.3726e-01	5.0543e-04	1.0535e-02	-7.0660e-02	-1.6883e+01
	5.2598e-02	1.3726e-01	5.0543e-04	1.0535e-02	-8.4919e-03	-5.4570e-12
638	1.9668e-01	-3.2476e-02	-7.5472e-04	-1.1817e-02	1.0236e-01	3.9946e+00
	1.9668e-01	-3.2476e-02	-7.5472e-04	-1.1817e-02	9.5253e-03	-1.8190e-12
639	2.0621e-01	-5.1372e-02	1.2102e-03	1.3778e-02	-1.5995e-01	6.3187e+00
	2.0621e-01	-5.1372e-02	1.2102e-03	1.3778e-02	-1.1105e-02	-1.8190e-12
640	3.7408e-01	-2.4073e-01	-2.4029e-03	-4.5938e-02	3.3258e-01	2.9610e+01
	3.7408e-01	-2.4073e-01	-2.4029e-03	-4.5938e-02	3.7027e-02	0.0000e+00
641	8.3380e-01	-7.4639e-01	-1.6766e-03	-4.3912e-02	2.4161e-01	9.1806e+01
	8.3380e-01	-7.4639e-01	-1.6766e-03	-4.3912e-02	3.5394e-02	0.0000e+00
642	-7.8618e-01	1.0046e+00	4.3198e-03	4.2034e-02	-5.6522e-01	-1.2357e+02
	-7.8618e-01	1.0046e+00	4.3198e-03	4.2034e-02	-3.3881e-02	-1.8190e-12
654	0.0000e+00	1.8782e+00	0.0000e+00	3.7083e+02	0.0000e+00	1.4679e+02
	0.0000e+00	-1.0148e+01	0.0000e+00	7.4781e+02	0.0000e+00	7.7578e+01
655	0.0000e+00	1.5306e-01	0.0000e+00	1.0168e+02	0.0000e+00	-3.4178e+01
	0.0000e+00	1.3719e+00	0.0000e+00	3.7083e+02	0.0000e+00	1.4679e+02
656	0.0000e+00	1.4166e-01	0.0000e+00	-4.1192e+01	0.0000e+00	-1.8311e+01
	0.0000e+00	-2.7987e-01	0.0000e+00	1.0168e+02	0.0000e+00	-3.4178e+01
657	0.0000e+00	-1.6096e-01	0.0000e+00	-2.8922e+02	0.0000e+00	1.1109e+02
	0.0000e+00	-2.8144e-01	0.0000e+00	-4.1192e+01	0.0000e+00	-1.8311e+01
658	0.0000e+00	7.4107e+00	0.0000e+00	-5.6756e+02	0.0000e+00	-6.6776e+02
	0.0000e+00	-5.5478e-01	0.0000e+00	-2.8922e+02	0.0000e+00	1.1109e+02
659	0.0000e+00	5.5458e-01	0.0000e+00	2.8923e+02	0.0000e+00	1.1111e+02
	0.0000e+00	-7.4106e+00	0.0000e+00	5.6757e+02	0.0000e+00	-6.6776e+02
660	0.0000e+00	2.8153e-01	0.0000e+00	4.1212e+01	0.0000e+00	-1.8325e+01
	0.0000e+00	1.6115e-01	0.0000e+00	2.8923e+02	0.0000e+00	1.1111e+02
661	0.0000e+00	2.7972e-01	0.0000e+00	-1.0165e+02	0.0000e+00	-3.4145e+01
	0.0000e+00	-1.4186e-01	0.0000e+00	4.1212e+01	0.0000e+00	-1.8325e+01
662	0.0000e+00	-1.3686e+00	0.0000e+00	-3.7078e+02	0.0000e+00	1.4651e+02
	0.0000e+00	-1.5337e-01	0.0000e+00	-1.0165e+02	0.0000e+00	-3.4145e+01
663	0.0000e+00	1.0151e+01	0.0000e+00	-7.4771e+02	0.0000e+00	7.7564e+01
	0.0000e+00	-1.8822e+00	0.0000e+00	-3.7078e+02	0.0000e+00	1.4651e+02
664	0.0000e+00	4.1641e+00	0.0000e+00	3.8409e+02	0.0000e+00	-2.5569e+02
	0.0000e+00	-3.5376e+00	0.0000e+00	-6.2940e+02	0.0000e+00	6.7374e+01
665	0.0000e+00	4.3935e+00	0.0000e+00	6.7835e+02	0.0000e+00	-2.4956e+02
	0.0000e+00	-3.8608e+00	0.0000e+00	-4.3122e+02	0.0000e+00	-2.7087e+02
666	0.0000e+00	3.9531e+00	0.0000e+00	4.2970e+02	0.0000e+00	-2.7807e+02
	0.0000e+00	-4.1046e+00	0.0000e+00	-3.1936e+02	0.0000e+00	-2.9346e+02
667	0.0000e+00	4.0739e+00	0.0000e+00	5.6879e+02	0.0000e+00	-2.4279e+02
	0.0000e+00	-4.3222e+00	0.0000e+00	-5.8589e+02	0.0000e+00	-2.3275e+02

668	0.0000e+00	4.0458e+00	0.0000e+00	5.1406e+02	0.0000e+00	-2.3741e+02
	0.0000e+00	-4.0663e+00	0.0000e+00	-4.2402e+02	0.0000e+00	-2.6770e+02
669	0.0000e+00	4.0645e+00	0.0000e+00	4.2423e+02	0.0000e+00	-2.6753e+02
	0.0000e+00	-4.0452e+00	0.0000e+00	-5.1388e+02	0.0000e+00	-2.3734e+02
670	0.0000e+00	4.3269e+00	0.0000e+00	5.8557e+02	0.0000e+00	-2.3341e+02
	0.0000e+00	-4.0715e+00	0.0000e+00	-5.6911e+02	0.0000e+00	-2.4247e+02
671	0.0000e+00	4.0970e+00	0.0000e+00	3.2036e+02	0.0000e+00	-2.9262e+02
	0.0000e+00	-3.9577e+00	0.0000e+00	-4.2875e+02	0.0000e+00	-2.7859e+02
672	0.0000e+00	3.8746e+00	0.0000e+00	4.3024e+02	0.0000e+00	-2.7234e+02
	0.0000e+00	-4.3869e+00	0.0000e+00	-6.7932e+02	0.0000e+00	-2.4857e+02
673	0.0000e+00	3.5216e+00	0.0000e+00	6.3161e+02	0.0000e+00	6.7389e+01
	0.0000e+00	-4.1723e+00	0.0000e+00	-3.8209e+02	0.0000e+00	-2.5700e+02
2422	-2.6021e-18	7.4542e-01	3.6180e-16	-3.4393e+02	-3.5527e-15	-1.7737e+02
	-2.6021e-18	7.4542e-01	3.6180e-16	-3.4393e+02	5.5907e-14	1.2080e+02
2423	-2.3852e-18	-1.2995e-01	-2.5205e-16	7.0076e+01	5.0158e-14	1.2013e+01
	-2.3852e-18	-1.2995e-01	-2.5205e-16	7.0076e+01	3.8785e-14	-4.5167e+01
2424	1.7347e-18	-7.6298e-03	7.1752e-16	1.2277e+00	-6.0008e-14	3.2371e+01
	1.7347e-18	-7.6298e-03	7.1752e-16	1.2277e+00	6.9840e-14	3.0235e+01
2425	-1.0842e-18	4.7649e-02	-9.0517e-17	-4.6582e+01	-2.4425e-14	-2.6166e+01
	-1.0842e-18	4.7649e-02	-9.0517e-17	-4.6582e+01	-3.3133e-16	-5.2004e+00
2426	2.6021e-18	-2.5829e-01	-6.5596e-16	7.0615e+01	6.2240e-14	5.2699e+01
	2.6021e-18	-2.5829e-01	-6.5596e-16	7.0615e+01	-9.9859e-14	-3.7704e+01
2427	-1.7347e-18	2.5810e-01	6.5611e-16	-7.0615e+01	-9.9865e-14	-3.7670e+01
	-1.7347e-18	2.5810e-01	6.5611e-16	-7.0615e+01	6.2257e-14	5.2666e+01
2428	2.6021e-18	-4.7774e-02	9.0592e-17	4.6581e+01	-3.3827e-16	-5.1732e+00
	2.6021e-18	-4.7774e-02	9.0592e-17	4.6581e+01	-2.4418e-14	-2.6194e+01
2429	3.0358e-18	7.3515e-03	-7.1812e-16	-1.2296e+00	6.9944e-14	3.0274e+01
	3.0358e-18	7.3515e-03	-7.1812e-16	-1.2296e+00	-6.0112e-14	3.2332e+01
2430	-2.3852e-18	1.2983e-01	2.5145e-16	-7.0076e+01	3.8861e-14	-4.5138e+01
	-2.3852e-18	1.2983e-01	2.5145e-16	-7.0076e+01	5.0075e-14	1.1985e+01
2431	1.5179e-18	-7.4559e-01	-3.6207e-16	3.4393e+02	5.5948e-14	1.2083e+02
	1.5179e-18	-7.4559e-01	-3.6207e-16	3.4393e+02	-3.5943e-15	-1.7741e+02
2432	1.7347e-18	7.8125e-02	3.6207e-16	9.0403e+02	-3.6082e-15	-3.4357e+01
	1.7347e-18	7.8125e-02	3.6207e-16	9.0403e+02	5.5962e-14	-3.1070e+00
2433	5.2042e-18	1.0545e-01	-2.5219e-16	-1.8093e+02	5.0182e-14	-3.1174e+01
	5.2042e-18	1.0545e-01	-2.5219e-16	-1.8093e+02	3.8754e-14	1.5226e+01
2434	-1.7347e-18	-3.9056e-02	7.1931e-16	-3.8490e+00	-6.0181e-14	2.4118e+01
	-1.7347e-18	-3.9056e-02	7.1931e-16	-3.8490e+00	7.0000e-14	1.3182e+01
2435	-5.2042e-18	-2.4377e-02	-9.0490e-17	1.2100e+02	-2.4427e-14	-4.7709e+00
	-5.2042e-18	-2.4377e-02	-9.0490e-17	1.2100e+02	-3.2786e-16	-1.5497e+01
2436	3.4694e-18	-2.2361e-01	3.6207e-16	-2.9464e+02	-3.6082e-15	2.6154e+01
	3.4694e-18	-2.2361e-01	3.6207e-16	-2.9464e+02	5.5962e-14	-6.3292e+01
2437	1.7347e-18	1.1271e-01	-2.5224e-16	6.3870e+01	5.0196e-14	-3.0521e+01
	1.7347e-18	1.1271e-01	-2.5224e-16	6.3870e+01	3.8747e-14	1.9071e+01
2438	-3.4694e-18	-3.2877e-02	7.1742e-16	9.5892e-01	-5.9994e-14	2.1075e+01
	-3.4694e-18	-3.2877e-02	7.1742e-16	9.5892e-01	6.9826e-14	1.1869e+01
2439	1.7347e-18	-5.1421e-02	-9.0361e-17	-3.8974e+01	-2.4456e-14	2.2221e+00
	1.7347e-18	-5.1421e-02	-9.0361e-17	-3.8974e+01	-2.9837e-16	-2.0403e+01
2440	-5.2042e-18	-8.2443e-03	-6.5608e-16	6.4645e+01	6.2261e-14	6.1357e+00
	-5.2042e-18	-8.2443e-03	-6.5608e-16	6.4645e+01	-9.9878e-14	3.2502e+00
2441	0.0000e+00	2.5759e-02	-6.5573e-16	-1.8888e+02	6.2197e-14	4.8710e-01

	0.0000e+00	2.5759e-02	-6.5573e-16	-1.8888e+02	-9.9810e-14	9.5026e+00
2442	-1.7347e-18	-2.5877e-02	6.5600e-16	1.8888e+02	-9.9846e-14	9.5233e+00
	-1.7347e-18	-2.5877e-02	6.5600e-16	1.8888e+02	6.2237e-14	4.6637e-01
2443	1.7347e-18	2.4250e-02	9.0531e-17	-1.2100e+02	-3.2786e-16	-1.5468e+01
	1.7347e-18	2.4250e-02	9.0531e-17	-1.2100e+02	-2.4427e-14	-4.7983e+00
2444	1.7347e-18	3.9032e-02	-7.1823e-16	3.8462e+00	6.9937e-14	1.3185e+01
	1.7347e-18	3.9032e-02	-7.1823e-16	3.8462e+00	-6.0105e-14	2.4114e+01
2445	5.2042e-18	-1.0564e-01	2.5167e-16	1.8093e+02	3.8827e-14	1.5268e+01
	5.2042e-18	-1.0564e-01	2.5167e-16	1.8093e+02	5.0109e-14	-3.1215e+01
2446	0.0000e+00	-7.8082e-02	-3.6226e-16	-9.0404e+02	5.5990e-14	-3.1159e+00
	0.0000e+00	-7.8082e-02	-3.6226e-16	-9.0404e+02	-3.6290e-15	-3.4349e+01
2447	-3.4694e-18	7.9959e-03	6.5564e-16	-6.4646e+01	-9.9788e-14	3.2942e+00
	-3.4694e-18	7.9959e-03	6.5564e-16	-6.4646e+01	6.2178e-14	6.0927e+00
2448	3.4694e-18	5.1256e-02	9.0605e-17	3.8972e+01	-3.4174e-16	-2.0367e+01
	3.4694e-18	5.1256e-02	9.0605e-17	3.8972e+01	-2.4413e-14	2.1854e+00
2449	-8.6736e-18	3.2517e-02	-7.1921e-16	-9.5973e-01	7.0062e-14	1.1919e+01
	-8.6736e-18	3.2517e-02	-7.1921e-16	-9.5973e-01	-6.0230e-14	2.1024e+01
2450	-1.7347e-18	-1.1290e-01	2.5183e-16	-6.3873e+01	3.8795e-14	1.9114e+01
	-1.7347e-18	-1.1290e-01	2.5183e-16	-6.3873e+01	5.0140e-14	-3.0563e+01
2451	-1.7347e-18	2.2342e-01	-3.6226e-16	2.9464e+02	5.5983e-14	-6.3250e+01
	-1.7347e-18	2.2342e-01	-3.6226e-16	2.9464e+02	-3.6290e-15	2.6116e+01
2452	-8.7097e-14	-2.4029e+02	-1.0164e-20	-3.9232e+01	-3.4694e-18	1.7335e+04
	-8.7097e-14	1.9571e+02	-1.0164e-20	-3.9232e+01	8.6736e-19	7.6143e+03
2453	7.8437e-14	-1.2048e+02	2.7105e-20	6.4238e+01	-6.9389e-18	3.3408e+03
	7.8437e-14	1.8352e+02	2.7105e-20	6.4238e+01	1.7347e-17	1.2924e+04
2454	5.4894e-14	-4.9658e+02	0.0000e+00	-1.2599e+01	1.7347e-18	3.5254e+04
	5.4894e-14	4.1902e+02	0.0000e+00	-1.2599e+01	0.0000e+00	1.8345e+04
2455	6.6877e-14	-2.5364e+02	-5.4210e-20	2.5390e+01	-1.0408e-17	6.8143e+03
	6.6877e-14	3.8476e+02	-5.4210e-20	2.5390e+01	1.0408e-17	2.6744e+04
2456	-1.0716e-13	-4.2789e+02	6.7763e-21	1.3773e+01	0.0000e+00	3.0469e+04
	-1.0716e-13	3.5691e+02	6.7763e-21	1.3773e+01	-8.6736e-19	1.4996e+04
2457	-3.7040e-14	-2.1582e+02	2.7105e-20	-2.2321e+01	-6.9389e-18	5.6626e+03
	-3.7040e-14	3.3138e+02	2.7105e-20	-2.2321e+01	1.7347e-17	2.3227e+04
2458	3.7814e-14	-4.2783e+02	1.6941e-20	-1.0910e+01	0.0000e+00	3.0465e+04
	3.7814e-14	3.5697e+02	1.6941e-20	-1.0910e+01	-8.6736e-19	1.5019e+04
2459	2.7062e-16	-2.1593e+02	4.0658e-20	1.9173e+01	6.9389e-18	5.6785e+03
	2.7062e-16	3.3127e+02	4.0658e-20	1.9173e+01	3.4694e-18	2.3210e+04
2460	1.0313e-13	-4.6842e+02	1.6941e-20	6.1014e+00	0.0000e+00	3.3312e+04
	1.0313e-13	3.9268e+02	1.6941e-20	6.1014e+00	-8.6736e-19	1.6800e+04
2461	-1.0347e-13	-2.3735e+02	-2.7105e-20	-9.8116e+00	-1.2143e-17	6.2684e+03
	-1.0347e-13	3.6305e+02	-2.7105e-20	-9.8116e+00	1.3878e-17	2.5375e+04
2462	7.4070e-18	-4.1644e+02	3.3881e-21	-1.5714e-03	-8.6736e-19	2.9673e+04
	7.4070e-18	3.4656e+02	3.3881e-21	-1.5714e-03	2.6021e-18	1.4438e+04
2463	7.4129e-17	-2.0977e+02	0.0000e+00	-2.8643e-03	3.4694e-18	5.5237e+03
	7.4129e-17	3.2223e+02	0.0000e+00	-2.8643e-03	0.0000e+00	2.2617e+04
2464	-1.0308e-13	-4.6842e+02	-6.7763e-21	-6.1056e+00	3.4694e-18	3.3312e+04
	-1.0308e-13	3.9268e+02	-6.7763e-21	-6.1056e+00	-1.7347e-18	1.6800e+04
2465	1.0347e-13	-2.3735e+02	5.4210e-20	9.8055e+00	-6.9389e-18	6.2684e+03
	1.0347e-13	3.6305e+02	5.4210e-20	9.8055e+00	-1.0408e-17	2.5375e+04
2466	-3.7775e-14	-4.2783e+02	-3.3881e-21	1.0908e+01	0.0000e+00	3.0465e+04
	-3.7775e-14	3.5697e+02	-3.3881e-21	1.0908e+01	-1.3010e-18	1.5019e+04

2467	-3.0531e-16	-2.1593e+02	4.0658e-20	-1.9178e+01	6.9389e-18	5.6785e+03
	-3.0531e-16	3.3127e+02	4.0658e-20	-1.9178e+01	3.4694e-18	2.3210e+04
2468	1.0716e-13	-4.2789e+02	2.0329e-20	-1.3775e+01	2.6021e-18	3.0469e+04
	1.0716e-13	3.5691e+02	2.0329e-20	-1.3775e+01	-4.3368e-19	1.4996e+04
2469	3.6957e-14	-2.1582e+02	1.3553e-20	2.2316e+01	-3.4694e-18	5.6626e+03
	3.6957e-14	3.3138e+02	1.3553e-20	2.2316e+01	-1.0408e-17	2.3227e+04
2470	-5.4914e-14	-4.9658e+02	-2.3717e-20	1.2597e+01	-4.3368e-18	3.5254e+04
	-5.4914e-14	4.1902e+02	-2.3717e-20	1.2597e+01	-8.6736e-19	1.8345e+04
2471	-6.6808e-14	-2.5364e+02	0.0000e+00	-2.5394e+01	-5.2042e-18	6.8143e+03
	-6.6808e-14	3.8476e+02	0.0000e+00	-2.5394e+01	1.0408e-17	2.6744e+04
2472	8.7153e-14	-2.4029e+02	-3.3881e-20	3.9225e+01	-3.4694e-18	1.7335e+04
	8.7153e-14	1.9571e+02	-3.3881e-20	3.9225e+01	-1.7347e-18	7.6144e+03
2473	-7.8493e-14	-1.2048e+02	4.0658e-20	-6.4245e+01	1.2143e-17	3.3408e+03
	-7.8493e-14	1.8352e+02	4.0658e-20	-6.4245e+01	-6.9389e-18	1.2924e+04
2474	1.2027e+02	1.4639e+01	-8.6951e-01	2.2665e-03	3.6868e+02	-2.5568e+03
	1.2027e+02	1.4639e+01	-8.6951e-01	2.2665e-03	8.7463e-01	3.6355e+03
2475	4.2456e+02	1.8207e+01	-1.4842e+00	2.2665e-03	6.4513e+02	-2.9465e+03
	4.2456e+02	1.8207e+01	-1.4842e+00	2.2665e-03	1.7325e+01	4.7549e+03
2476	8.8047e+02	2.9470e+01	3.5288e-01	2.2665e-03	-5.5050e+01	-4.3708e+03
	8.8047e+02	2.9470e+01	3.5288e-01	2.2665e-03	9.4218e+01	8.0952e+03
2477	2.5322e+02	2.3994e+01	1.0051e-01	2.2665e-03	-2.4221e+01	-3.6938e+03
	2.5322e+02	2.3994e+01	1.0051e-01	2.2665e-03	1.8297e+01	6.4558e+03
2478	7.5939e+02	2.6696e+01	8.9865e-01	2.2665e-03	-3.2582e+02	-3.9808e+03
	7.5939e+02	2.6696e+01	8.9865e-01	2.2665e-03	5.4315e+01	7.3115e+03
2479	7.5915e+02	2.6666e+01	-9.6960e-01	2.2665e-03	3.4249e+02	-3.9768e+03
	7.5915e+02	2.6666e+01	-9.6960e-01	2.2665e-03	-6.7654e+01	7.3029e+03
2480	3.5681e+02	-4.8583e+01	-5.1343e-01	2.2665e-03	1.8847e+02	5.4070e+03
	3.5681e+02	-4.8583e+01	-5.1343e-01	2.2665e-03	-2.8706e+01	-1.5143e+04
2481	3.5642e+02	-4.8697e+01	5.0446e-01	2.2665e-03	-1.8277e+02	5.4255e+03
	3.5642e+02	-4.8697e+01	5.0446e-01	2.2665e-03	3.0621e+01	-1.5173e+04
2482	4.1824e+02	-5.6310e+01	3.3039e-01	2.2665e-03	-7.7541e+01	6.5595e+03
	4.1824e+02	-5.6310e+01	3.3039e-01	2.2665e-03	6.2212e+01	-1.7260e+04
2483	1.9657e+02	-2.6979e+01	-7.0901e-01	2.2665e-03	3.3602e+02	2.8937e+03
	1.9657e+02	-2.6979e+01	-7.0901e-01	2.2665e-03	3.6108e+01	-8.5184e+03
2484	2.1521e+02	2.1351e+01	4.0008e-01	2.2665e-03	-1.4915e+02	-3.3061e+03
	2.1521e+02	2.1351e+01	4.0008e-01	2.2665e-03	2.0084e+01	5.7255e+03
2485	2.1547e+02	2.1325e+01	-4.2763e-01	2.2665e-03	1.5857e+02	-3.3021e+03
	2.1547e+02	2.1325e+01	-4.2763e-01	2.2665e-03	-2.2321e+01	5.7184e+03
2486	8.3117e+02	2.8484e+01	3.3006e-01	2.2665e-03	-1.3524e+02	-4.2285e+03
	8.3117e+02	2.8484e+01	3.3006e-01	2.2665e-03	4.3753e+00	7.8201e+03
2487	3.4643e+02	-4.7422e+01	-1.3344e-04	2.2665e-03	3.3090e-02	5.2435e+03
	3.4643e+02	-4.7422e+01	-1.3344e-04	2.2665e-03	-2.3354e-02	-1.4816e+04
2488	2.3699e+02	2.2943e+01	1.2452e-01	2.2665e-03	-6.1438e+01	-3.5402e+03
	2.3699e+02	2.2943e+01	1.2452e-01	2.2665e-03	-8.7641e+00	6.1648e+03
2489	7.3918e+02	2.6301e+01	-1.8386e-04	2.2665e-03	4.5760e-02	-3.9277e+03
	7.3918e+02	2.6301e+01	-1.8386e-04	2.2665e-03	-3.2013e-02	7.1978e+03
2490	3.9254e+02	-5.3324e+01	2.5750e-01	2.2665e-03	-1.0074e+02	6.0663e+03
	3.9254e+02	-5.3324e+01	2.5750e-01	2.2665e-03	8.1868e+00	-1.6490e+04
2491	3.9254e+02	-5.3324e+01	-2.5780e-01	2.2665e-03	1.0081e+02	6.0663e+03
	3.9254e+02	-5.3324e+01	-2.5780e-01	2.2665e-03	-8.2390e+00	-1.6490e+04
2492	2.0949e+02	2.1359e+01	-2.0965e-04	2.2665e-03	5.4009e-02	-3.3819e+03

	2.0949e+02	2.1359e+01	-2.0965e-04	2.2665e-03	-3.4672e-02	5.6530e+03
2493	8.3117e+02	2.8484e+01	-3.3041e-01	2.2665e-03	1.3533e+02	-4.2285e+03
	8.3117e+02	2.8484e+01	-3.3041e-01	2.2665e-03	-4.4352e+00	7.8201e+03
2494	2.3699e+02	2.2943e+01	-1.2493e-01	2.2665e-03	6.1545e+01	-3.5401e+03
	2.3699e+02	2.2943e+01	-1.2493e-01	2.2665e-03	8.6994e+00	6.1647e+03
2495	3.5681e+02	-4.8583e+01	5.1320e-01	2.2665e-03	-1.8842e+02	5.4071e+03
	3.5681e+02	-4.8583e+01	5.1320e-01	2.2665e-03	2.8668e+01	-1.5144e+04
2496	7.5915e+02	2.6666e+01	9.6923e-01	2.2665e-03	-3.4239e+02	-3.9768e+03
	7.5915e+02	2.6666e+01	9.6923e-01	2.2665e-03	6.7591e+01	7.3029e+03
2497	2.1547e+02	2.1325e+01	4.2720e-01	2.2665e-03	-1.5846e+02	-3.3021e+03
	2.1547e+02	2.1325e+01	4.2720e-01	2.2665e-03	2.2250e+01	5.7184e+03
2498	3.5643e+02	-4.8697e+01	-5.0475e-01	2.2665e-03	1.8284e+02	5.4256e+03
	3.5643e+02	-4.8697e+01	-5.0475e-01	2.2665e-03	-3.0670e+01	-1.5173e+04
2499	7.5939e+02	2.6696e+01	-8.9902e-01	2.2665e-03	3.2591e+02	-3.9808e+03
	7.5939e+02	2.6696e+01	-8.9902e-01	2.2665e-03	-5.4380e+01	7.3114e+03
2500	2.1522e+02	2.1351e+01	-4.0054e-01	2.2665e-03	1.4927e+02	-3.3060e+03
	2.1522e+02	2.1351e+01	-4.0054e-01	2.2665e-03	-2.0161e+01	5.7255e+03
2501	4.1823e+02	-5.6311e+01	-3.3063e-01	2.2665e-03	7.7606e+01	6.5596e+03
	4.1823e+02	-5.6311e+01	-3.3063e-01	2.2665e-03	-6.2251e+01	-1.7260e+04
2502	8.8047e+02	2.9470e+01	-3.5323e-01	2.2665e-03	5.5140e+01	-4.3707e+03
	8.8047e+02	2.9470e+01	-3.5323e-01	2.2665e-03	-9.4277e+01	8.0951e+03
2503	2.5321e+02	2.3994e+01	-1.0094e-01	2.2665e-03	2.4332e+01	-3.6937e+03
	2.5321e+02	2.3994e+01	-1.0094e-01	2.2665e-03	-1.8366e+01	6.4558e+03
2504	1.9658e+02	-2.6979e+01	7.0900e-01	2.2665e-03	-3.3602e+02	2.8938e+03
	1.9658e+02	-2.6979e+01	7.0900e-01	2.2665e-03	-3.6115e+01	-8.5184e+03
2505	4.2456e+02	1.8206e+01	1.4839e+00	2.2665e-03	-6.4506e+02	-2.9464e+03
	4.2456e+02	1.8206e+01	1.4839e+00	2.2665e-03	-1.7360e+01	4.7548e+03
2506	1.2026e+02	1.4639e+01	8.6919e-01	2.2665e-03	-3.6858e+02	-2.5567e+03
	1.2026e+02	1.4639e+01	8.6919e-01	2.2665e-03	-9.1566e-01	3.6354e+03
2530	0.0000e+00	3.9684e-01	0.0000e+00	-6.6551e+01	0.0000e+00	-2.4505e+02
	0.0000e+00	3.9684e-01	0.0000e+00	-6.6551e+01	0.0000e+00	-2.2719e+02
	0.0000e+00	4.3078e+00	0.0000e+00	-6.7954e+01	0.0000e+00	-9.9538e+02
	0.0000e+00	4.3078e+00	0.0000e+00	-6.7954e+01	0.0000e+00	5.0805e+02
2531	0.0000e+00	8.4578e+00	0.0000e+00	-3.4900e+01	0.0000e+00	-7.2603e+02
	0.0000e+00	8.4578e+00	0.0000e+00	-3.4900e+01	0.0000e+00	-3.4543e+02
	0.0000e+00	7.2131e+00	0.0000e+00	1.5581e+01	0.0000e+00	-1.6132e+03
	0.0000e+00	7.2131e+00	0.0000e+00	1.5581e+01	0.0000e+00	9.0413e+02
2532	0.0000e+00	5.7828e+00	0.0000e+00	-4.2824e+01	0.0000e+00	-6.6051e+02
	0.0000e+00	5.7828e+00	0.0000e+00	-4.2824e+01	0.0000e+00	-4.0029e+02
	0.0000e+00	8.1098e+00	0.0000e+00	4.4379e+01	0.0000e+00	-1.8010e+03
	0.0000e+00	8.1098e+00	0.0000e+00	4.4379e+01	0.0000e+00	1.0293e+03
2533	0.0000e+00	5.7366e+00	0.0000e+00	3.9225e+01	0.0000e+00	-6.5717e+02
	0.0000e+00	5.7366e+00	0.0000e+00	3.9225e+01	0.0000e+00	-3.9902e+02
	0.0000e+00	8.0784e+00	0.0000e+00	-4.5345e+01	0.0000e+00	-1.7987e+03
	0.0000e+00	8.0784e+00	0.0000e+00	-4.5345e+01	0.0000e+00	1.0206e+03
2534	0.0000e+00	7.0280e+00	0.0000e+00	-2.0009e+01	0.0000e+00	-7.0422e+02
	0.0000e+00	7.0280e+00	0.0000e+00	-2.0009e+01	0.0000e+00	-3.8796e+02
	0.0000e+00	7.9394e+00	0.0000e+00	2.5162e+01	0.0000e+00	-1.7735e+03
	0.0000e+00	7.9394e+00	0.0000e+00	2.5162e+01	0.0000e+00	9.9734e+02
2535	0.0000e+00	5.4744e+00	0.0000e+00	2.7843e-04	0.0000e+00	-6.4589e+02
	0.0000e+00	5.4744e+00	0.0000e+00	2.7843e-04	0.0000e+00	-3.9954e+02

	0.0000e+00	8.0384e+00	0.0000e+00	-2.4931e-03	0.0000e+00	-1.7943e+03
	0.0000e+00	8.0384e+00	0.0000e+00	-2.4931e-03	0.0000e+00	1.0111e+03
2536	0.0000e+00	7.0279e+00	0.0000e+00	2.0008e+01	0.0000e+00	-7.0421e+02
	0.0000e+00	7.0279e+00	0.0000e+00	2.0008e+01	0.0000e+00	-3.8796e+02
	0.0000e+00	7.9395e+00	0.0000e+00	-2.5161e+01	0.0000e+00	-1.7735e+03
	0.0000e+00	7.9395e+00	0.0000e+00	-2.5161e+01	0.0000e+00	9.9736e+02
2537	0.0000e+00	5.7367e+00	0.0000e+00	-3.9224e+01	0.0000e+00	-6.5717e+02
	0.0000e+00	5.7367e+00	0.0000e+00	-3.9224e+01	0.0000e+00	-3.9902e+02
	0.0000e+00	8.0784e+00	0.0000e+00	4.5335e+01	0.0000e+00	-1.7987e+03
	0.0000e+00	8.0784e+00	0.0000e+00	4.5335e+01	0.0000e+00	1.0206e+03
2538	0.0000e+00	5.7826e+00	0.0000e+00	4.2823e+01	0.0000e+00	-6.6050e+02
	0.0000e+00	5.7826e+00	0.0000e+00	4.2823e+01	0.0000e+00	-4.0029e+02
	0.0000e+00	8.1099e+00	0.0000e+00	-4.4381e+01	0.0000e+00	-1.8010e+03
	0.0000e+00	8.1099e+00	0.0000e+00	-4.4381e+01	0.0000e+00	1.0293e+03
2539	0.0000e+00	8.4578e+00	0.0000e+00	3.4901e+01	0.0000e+00	-7.2604e+02
	0.0000e+00	8.4578e+00	0.0000e+00	3.4901e+01	0.0000e+00	-3.4544e+02
	0.0000e+00	7.2132e+00	0.0000e+00	-1.5583e+01	0.0000e+00	-1.6133e+03
	0.0000e+00	7.2132e+00	0.0000e+00	-1.5583e+01	0.0000e+00	9.0412e+02
2540	0.0000e+00	3.9666e-01	0.0000e+00	6.6541e+01	0.0000e+00	-2.4502e+02
	0.0000e+00	3.9666e-01	0.0000e+00	6.6541e+01	0.0000e+00	-2.2717e+02
	0.0000e+00	4.3077e+00	0.0000e+00	6.7869e+01	0.0000e+00	-9.9528e+02
	0.0000e+00	4.3077e+00	0.0000e+00	6.7869e+01	0.0000e+00	5.0812e+02

Condizione "(1) Q2"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-2.0942e+01	0.0000e+00	7.7012e-04	0.0000e+00	2.3558e+03
	0.0000e+00	-2.0942e+01	0.0000e+00	7.7012e-04	0.0000e+00	-1.5604e+03
630	0.0000e+00	-1.1831e+01	0.0000e+00	4.1176e+02	0.0000e+00	1.1749e+03
	0.0000e+00	-1.1831e+01	0.0000e+00	4.1176e+02	0.0000e+00	-1.0376e+03
631	0.0000e+00	-1.1827e+01	0.0000e+00	-4.1183e+02	0.0000e+00	1.1745e+03
	0.0000e+00	-1.1827e+01	0.0000e+00	-4.1183e+02	0.0000e+00	-1.0371e+03
632	-1.8288e+00	2.0835e+00	1.5688e-02	2.9814e-01	-2.1699e+00	-2.5627e+02
	-1.8288e+00	2.0835e+00	1.5688e-02	2.9814e-01	-2.4031e-01	0.0000e+00
633	1.6972e+00	-1.7385e+00	1.1373e-02	1.7095e-01	-1.5367e+00	2.1384e+02
	1.6972e+00	-1.7385e+00	1.1373e-02	1.7095e-01	-1.3779e-01	-9.0949e-13
634	3.9738e-01	-3.5907e-01	7.7068e-03	1.1328e-01	-1.0392e+00	4.4165e+01
	3.9738e-01	-3.5907e-01	7.7068e-03	1.1328e-01	-9.1307e-02	1.8190e-12
635	1.1041e-01	-3.4329e-02	5.5491e-03	7.9716e-02	-7.4679e-01	4.2225e+00
	1.1041e-01	-3.4329e-02	5.5491e-03	7.9716e-02	-6.4254e-02	1.8190e-12
636	6.4884e-02	2.1642e-02	2.7377e-03	3.6319e-02	-3.6601e-01	-2.6620e+00
	6.4884e-02	2.1642e-02	2.7377e-03	3.6319e-02	-2.9274e-02	9.0949e-13
637	6.3191e-02	4.1377e-02	4.1552e-04	2.3098e-04	-5.1295e-02	-5.0894e+00
	6.3191e-02	4.1377e-02	4.1552e-04	2.3098e-04	-1.8618e-04	0.0000e+00
638	5.1458e-02	3.6737e-02	-1.8503e-03	-3.5800e-02	2.5644e-01	-4.5186e+00
	5.1458e-02	3.6737e-02	-1.8503e-03	-3.5800e-02	2.8856e-02	-9.0949e-13
639	1.2460e-01	-5.0479e-02	-4.4753e-03	-7.9465e-02	6.1451e-01	6.2090e+00
	1.2460e-01	-5.0479e-02	-4.4753e-03	-7.9465e-02	6.4052e-02	0.0000e+00
640	3.5061e-01	-3.0562e-01	-6.3882e-03	-1.1294e-01	8.7678e-01	3.7591e+01
	3.5061e-01	-3.0562e-01	-6.3882e-03	-1.1294e-01	9.1035e-02	-1.8190e-12
641	1.7579e+00	-1.8103e+00	-9.4672e-03	-1.7162e-01	1.3028e+00	2.2267e+02
	1.7579e+00	-1.8103e+00	-9.4672e-03	-1.7162e-01	1.3833e-01	-2.7285e-12
642	-1.8598e+00	2.1151e+00	-2.0823e-02	-2.9040e-01	2.7953e+00	-2.6015e+02

	-1.8598e+00	2.1151e+00	-2.0823e-02	-2.9040e-01	2.3408e-01	0.0000e+00
654	0.0000e+00	2.2161e+00	0.0000e+00	5.6063e+02	0.0000e+00	1.2031e+02
	0.0000e+00	-1.2133e+01	0.0000e+00	1.1749e+03	0.0000e+00	-4.1176e+02
655	0.0000e+00	6.3994e-01	0.0000e+00	1.0440e+02	0.0000e+00	-5.6524e+01
	0.0000e+00	5.9332e-01	0.0000e+00	5.6063e+02	0.0000e+00	1.2031e+02
656	0.0000e+00	5.0273e-01	0.0000e+00	-1.5229e+02	0.0000e+00	-4.6199e+01
	0.0000e+00	-6.0616e-01	0.0000e+00	1.0440e+02	0.0000e+00	-5.6524e+01
657	0.0000e+00	8.7592e-02	0.0000e+00	-6.2524e+02	0.0000e+00	1.4036e+02
	0.0000e+00	-7.2638e-01	0.0000e+00	-1.5229e+02	0.0000e+00	-4.6199e+01
658	0.0000e+00	1.1024e+01	0.0000e+00	-1.1779e+03	0.0000e+00	-9.8332e+02
	0.0000e+00	-1.1181e+00	0.0000e+00	-6.2524e+02	0.0000e+00	1.4036e+02
659	0.0000e+00	1.1178e+00	0.0000e+00	6.2529e+02	0.0000e+00	1.4039e+02
	0.0000e+00	-1.1024e+01	0.0000e+00	1.1779e+03	0.0000e+00	-9.8332e+02
660	0.0000e+00	7.2643e-01	0.0000e+00	1.5236e+02	0.0000e+00	-4.6230e+01
	0.0000e+00	-8.7246e-02	0.0000e+00	6.2529e+02	0.0000e+00	1.4039e+02
661	0.0000e+00	6.0507e-01	0.0000e+00	-1.0429e+02	0.0000e+00	-5.6376e+01
	0.0000e+00	-5.0305e-01	0.0000e+00	1.5236e+02	0.0000e+00	-4.6230e+01
662	0.0000e+00	-5.8421e-01	0.0000e+00	-5.6043e+02	0.0000e+00	1.1951e+02
	0.0000e+00	-6.4013e-01	0.0000e+00	-1.0429e+02	0.0000e+00	-5.6376e+01
663	0.0000e+00	1.2144e+01	0.0000e+00	-1.1745e+03	0.0000e+00	-4.1183e+02
	0.0000e+00	-2.2280e+00	0.0000e+00	-5.6043e+02	0.0000e+00	1.1951e+02
664	0.0000e+00	9.3571e-01	0.0000e+00	-3.8021e+01	0.0000e+00	-1.3995e+02
	0.0000e+00	1.0366e+00	0.0000e+00	-5.3230e+02	0.0000e+00	-1.4654e+02
665	0.0000e+00	5.9181e-01	0.0000e+00	1.9151e+02	0.0000e+00	-1.9785e+01
	0.0000e+00	-1.6768e+00	0.0000e+00	-2.7521e+02	0.0000e+00	-1.3670e+02
666	0.0000e+00	2.9129e-01	0.0000e+00	1.3883e+02	0.0000e+00	-1.6089e+01
	0.0000e+00	-3.3694e-01	0.0000e+00	-1.5811e+02	0.0000e+00	-1.6274e+01
667	0.0000e+00	2.3749e-01	0.0000e+00	2.1113e+02	0.0000e+00	-1.3615e+01
	0.0000e+00	-2.6864e-01	0.0000e+00	-2.3909e+02	0.0000e+00	-1.2956e+01
668	0.0000e+00	2.5257e-01	0.0000e+00	1.9400e+02	0.0000e+00	-1.5711e+01
	0.0000e+00	-2.3040e-01	0.0000e+00	-1.6891e+02	0.0000e+00	-1.4603e+01
669	0.0000e+00	2.2385e-01	0.0000e+00	1.7008e+02	0.0000e+00	-1.3941e+01
	0.0000e+00	-2.5181e-01	0.0000e+00	-1.9300e+02	0.0000e+00	-1.5667e+01
670	0.0000e+00	2.7471e-01	0.0000e+00	2.3886e+02	0.0000e+00	-1.4179e+01
	0.0000e+00	-2.3020e-01	0.0000e+00	-2.1169e+02	0.0000e+00	-1.2841e+01
671	0.0000e+00	3.1133e-01	0.0000e+00	1.6031e+02	0.0000e+00	-1.3625e+01
	0.0000e+00	-2.9911e-01	0.0000e+00	-1.3699e+02	0.0000e+00	-1.7209e+01
672	0.0000e+00	1.7112e+00	0.0000e+00	2.7090e+02	0.0000e+00	-1.4045e+02
	0.0000e+00	-5.7011e-01	0.0000e+00	-1.9568e+02	0.0000e+00	-1.6969e+01
673	0.0000e+00	-1.0663e+00	0.0000e+00	5.3632e+02	0.0000e+00	-1.4576e+02
	0.0000e+00	-9.6257e-01	0.0000e+00	4.2281e+01	0.0000e+00	-1.4347e+02
2422	3.2526e-19	1.9008e+00	-8.3213e-18	-6.1278e+00	8.1671e-15	-3.3303e+02
	3.2526e-19	1.9008e+00	-8.3213e-18	-6.1278e+00	1.0172e-14	4.2727e+02
2423	1.0842e-19	-2.6146e-01	4.8328e-17	-2.1432e-01	7.5009e-15	3.9842e+01
	1.0842e-19	-2.6146e-01	4.8328e-17	-2.1432e-01	6.5885e-15	-7.5202e+01
2424	-6.5052e-19	5.7217e-02	-1.0208e-16	-4.1541e-01	2.4085e-14	-5.8442e+00
	-6.5052e-19	5.7217e-02	-1.0208e-16	-4.1541e-01	-2.2257e-14	1.0177e+01
2425	-4.3368e-19	7.8805e-03	1.1201e-17	-9.3784e-01	3.2543e-15	-1.5899e+00
	-4.3368e-19	7.8805e-03	1.1201e-17	-9.3784e-01	1.0829e-14	1.8775e+00
2426	0.0000e+00	-5.4438e-03	8.0299e-17	-2.3157e+00	-2.3020e-15	8.9164e-01
	0.0000e+00	-5.4438e-03	8.0299e-17	-2.3157e+00	-1.3288e-14	-1.0137e+00

2427	6.5052e-19	5.3955e-03	-8.0160e-17	2.3146e+00	-1.3299e-14	-1.0053e+00
	6.5052e-19	5.3955e-03	-8.0160e-17	2.3146e+00	-2.2838e-15	8.8318e-01
2428	1.0842e-19	-7.9142e-03	-1.1167e-17	9.3805e-01	1.0828e-14	1.8850e+00
	1.0842e-19	-7.9142e-03	-1.1167e-17	9.3805e-01	3.2543e-15	-1.5972e+00
2429	-6.5052e-19	-5.7269e-02	1.0202e-16	4.1163e-01	-2.2236e-14	1.0183e+01
	-6.5052e-19	-5.7269e-02	1.0202e-16	4.1163e-01	2.4071e-14	-5.8520e+00
2430	-3.2526e-19	2.6142e-01	-4.8748e-17	2.1554e-01	6.6509e-15	-7.5193e+01
	-3.2526e-19	2.6142e-01	-4.8748e-17	2.1554e-01	7.4350e-15	3.9834e+01
2431	6.5052e-19	-1.9008e+00	8.2670e-18	6.1212e+00	1.0179e-14	4.2728e+02
	6.5052e-19	-1.9008e+00	8.2670e-18	6.1212e+00	8.1601e-15	-3.3304e+02
2432	0.0000e+00	1.1354e+00	-8.2670e-18	2.0720e-01	8.1567e-15	-1.9611e+02
	0.0000e+00	1.1354e+00	-8.2670e-18	2.0720e-01	1.0183e-14	2.5804e+02
2433	-8.6736e-19	-2.0057e-01	4.8288e-17	-5.7875e-01	7.5079e-15	3.1807e+01
	-8.6736e-19	-2.0057e-01	4.8288e-17	-5.7875e-01	6.5781e-15	-5.6444e+01
2434	8.6736e-19	4.0953e-03	-1.0097e-16	1.8789e-01	2.3981e-14	1.8346e+00
	8.6736e-19	4.0953e-03	-1.0097e-16	1.8789e-01	-2.2156e-14	2.9812e+00
2435	0.0000e+00	-2.0871e-03	1.1228e-17	2.2941e-01	3.2491e-15	3.4417e-01
	0.0000e+00	-2.0871e-03	1.1228e-17	2.2941e-01	1.0834e-14	-5.7414e-01
2436	0.0000e+00	1.2361e+00	-8.2670e-18	-1.0186e+01	8.1567e-15	-2.1462e+02
	0.0000e+00	1.2361e+00	-8.2670e-18	-1.0186e+01	1.0183e-14	2.7983e+02
2437	-8.6736e-19	-2.0583e-01	4.8288e-17	8.1280e-02	7.5079e-15	3.2139e+01
	-8.6736e-19	-2.0583e-01	4.8288e-17	8.1280e-02	6.5815e-15	-5.8428e+01
2438	0.0000e+00	1.5723e-03	-1.0213e-16	-5.8248e-01	2.4092e-14	1.9636e+00
	0.0000e+00	1.5723e-03	-1.0213e-16	-5.8248e-01	-2.2263e-14	2.4038e+00
2439	0.0000e+00	-1.5427e-02	1.1242e-17	-4.6204e-01	3.2474e-15	3.1383e+00
	0.0000e+00	-1.5427e-02	1.1242e-17	-4.6204e-01	1.0838e-14	-3.6498e+00
2440	-2.6021e-18	-8.2456e-02	8.0221e-17	4.7063e-01	-2.2890e-15	1.4864e+01
	-2.6021e-18	-8.2456e-02	8.0221e-17	4.7063e-01	-1.3299e-14	-1.3995e+01
2441	-8.6736e-19	9.1743e-03	8.0305e-17	4.9320e-01	-2.3063e-15	-1.5364e+00
	-8.6736e-19	9.1743e-03	8.0305e-17	4.9320e-01	-1.3280e-14	1.6746e+00
2442	0.0000e+00	-9.1152e-03	-8.0184e-17	-4.9479e-01	-1.3294e-14	1.6635e+00
	0.0000e+00	-9.1152e-03	-8.0184e-17	-4.9479e-01	-2.2890e-15	-1.5268e+00
2443	0.0000e+00	2.0103e-03	-1.1194e-17	-2.2911e-01	1.0832e-14	-5.5579e-01
	0.0000e+00	2.0103e-03	-1.1194e-17	-2.2911e-01	3.2526e-15	3.2875e-01
2444	8.6736e-19	-3.6457e-03	1.0183e-16	-1.9275e-01	-2.2218e-14	2.9163e+00
	8.6736e-19	-3.6457e-03	1.0183e-16	-1.9275e-01	2.4057e-14	1.8955e+00
2445	0.0000e+00	2.0023e-01	-4.8599e-17	5.8383e-01	6.6301e-15	-5.6369e+01
	0.0000e+00	2.0023e-01	-4.8599e-17	5.8383e-01	7.4558e-15	3.1734e+01
2446	0.0000e+00	-1.1349e+00	8.1586e-18	-2.1529e-01	1.0197e-14	2.5795e+02
	0.0000e+00	-1.1349e+00	8.1586e-18	-2.1529e-01	8.1393e-15	-1.9602e+02
2447	-8.6736e-19	8.2373e-02	-8.0319e-17	-4.7082e-01	-1.3274e-14	-1.3980e+01
	-8.6736e-19	8.2373e-02	-8.0319e-17	-4.7082e-01	-2.3107e-15	1.4850e+01
2448	8.6736e-19	1.5367e-02	-1.1161e-17	4.6118e-01	1.0825e-14	-3.6367e+00
	8.6736e-19	1.5367e-02	-1.1161e-17	4.6118e-01	3.2578e-15	3.1248e+00
2449	-1.7347e-18	-1.6690e-03	1.0148e-16	5.8245e-01	-2.2180e-14	2.4161e+00
	-1.7347e-18	-1.6690e-03	1.0148e-16	5.8245e-01	2.4016e-14	1.9488e+00
2450	-8.6736e-19	2.0569e-01	-4.8559e-17	-8.6924e-02	6.6232e-15	-5.8396e+01
	-8.6736e-19	2.0569e-01	-4.8559e-17	-8.6924e-02	7.4662e-15	3.2107e+01
2451	0.0000e+00	-1.2361e+00	8.1586e-18	1.0186e+01	1.0193e-14	2.7984e+02
	0.0000e+00	-1.2361e+00	8.1586e-18	1.0186e+01	8.1393e-15	-2.1462e+02
2452	-5.7662e-15	3.5896e+00	-1.6941e-21	2.8590e+01	8.6736e-19	-8.2355e+02

	-5.7662e-15	3.5896e+00	-1.6941e-21	2.8590e+01	6.5052e-19	7.4154e+02
2453	2.4585e-14	-5.1341e+00	1.3553e-20	-3.8035e+01	-2.6021e-18	7.0754e+02
	2.4585e-14	-5.1341e+00	1.3553e-20	-3.8035e+01	1.7347e-18	-8.5321e+02
2454	4.6838e-16	5.6053e+00	0.0000e+00	-1.6430e+01	-1.7347e-18	-1.2787e+03
	4.6838e-16	5.6053e+00	0.0000e+00	-1.6430e+01	2.1684e-19	1.1652e+03
2455	-2.5438e-14	-8.5264e+00	-6.7763e-21	1.9964e+01	-1.7347e-18	1.2087e+03
	-2.5438e-14	-8.5264e+00	-6.7763e-21	1.9964e+01	-3.4694e-18	-1.3833e+03
2456	-3.9933e-15	5.6755e+00	5.0822e-21	4.2013e-03	-8.6736e-19	-1.2930e+03
	-3.9933e-15	5.6755e+00	5.0822e-21	4.2013e-03	-2.1684e-19	1.1815e+03
2457	-1.8086e-14	-8.5773e+00	1.3553e-20	2.4177e-02	-2.6021e-18	1.2176e+03
	-1.8086e-14	-8.5773e+00	1.3553e-20	2.4177e-02	1.7347e-18	-1.3899e+03
2458	6.0923e-15	5.7237e+00	0.0000e+00	4.7574e-01	0.0000e+00	-1.3046e+03
	6.0923e-15	5.7237e+00	0.0000e+00	4.7574e-01	2.1684e-19	1.1910e+03
2459	-1.3361e-14	-8.6745e+00	0.0000e+00	-2.4865e-02	-8.6736e-19	1.2320e+03
	-1.3361e-14	-8.6745e+00	0.0000e+00	-2.4865e-02	0.0000e+00	-1.4051e+03
2460	1.6306e-15	5.7820e+00	5.0822e-21	-3.1747e-01	8.6736e-19	-1.3205e+03
	1.6306e-15	5.7820e+00	5.0822e-21	-3.1747e-01	-2.1684e-19	1.2005e+03
2461	-5.9050e-15	-8.8558e+00	-2.7105e-20	1.7317e+00	-3.4694e-18	1.2614e+03
	-5.9050e-15	-8.8558e+00	-2.7105e-20	1.7317e+00	0.0000e+00	-1.4308e+03
2462	4.5366e-18	5.8144e+00	-1.6941e-21	-1.9539e-04	8.6736e-19	-1.3336e+03
	4.5366e-18	5.8144e+00	-1.6941e-21	-1.9539e-04	-6.5052e-19	1.2014e+03
2463	2.1183e-17	-9.1781e+00	-6.7763e-21	-2.0743e-03	-1.7347e-18	1.3191e+03
	2.1183e-17	-9.1781e+00	-6.7763e-21	-2.0743e-03	-1.7347e-18	-1.4711e+03
2464	-1.6220e-15	5.7820e+00	-3.3881e-21	3.1526e-01	8.6736e-19	-1.3205e+03
	-1.6220e-15	5.7820e+00	-3.3881e-21	3.1526e-01	1.0842e-18	1.2005e+03
2465	5.9033e-15	-8.8557e+00	0.0000e+00	-1.7361e+00	1.7347e-18	1.2614e+03
	5.9033e-15	-8.8557e+00	0.0000e+00	-1.7361e+00	5.2042e-18	-1.4307e+03
2466	-6.0923e-15	5.7238e+00	3.3881e-21	-4.7385e-01	0.0000e+00	-1.3046e+03
	-6.0923e-15	5.7238e+00	3.3881e-21	-4.7385e-01	4.3368e-19	1.1910e+03
2467	1.3337e-14	-8.6743e+00	0.0000e+00	2.1887e-02	-8.6736e-19	1.2319e+03
	1.3337e-14	-8.6743e+00	0.0000e+00	2.1887e-02	0.0000e+00	-1.4051e+03
2468	3.9899e-15	5.6753e+00	-1.6941e-21	-5.2101e-03	-8.6736e-19	-1.2930e+03
	3.9899e-15	5.6753e+00	-1.6941e-21	-5.2101e-03	-6.5052e-19	1.1815e+03
2469	1.8062e-14	-8.5771e+00	1.3553e-20	-2.5075e-02	-1.7347e-18	1.2176e+03
	1.8062e-14	-8.5771e+00	1.3553e-20	-2.5075e-02	-3.4694e-18	-1.3898e+03
2470	-4.7531e-16	5.6059e+00	0.0000e+00	1.6431e+01	-8.6736e-19	-1.2788e+03
	-4.7531e-16	5.6059e+00	0.0000e+00	1.6431e+01	-2.1684e-19	1.1653e+03
2471	2.5466e-14	-8.5269e+00	-2.7105e-20	-1.9964e+01	1.7347e-18	1.2088e+03
	2.5466e-14	-8.5269e+00	-2.7105e-20	-1.9964e+01	-3.4694e-18	-1.3834e+03
2472	5.7940e-15	3.5895e+00	-3.3881e-21	-2.8591e+01	8.6736e-19	-8.2352e+02
	5.7940e-15	3.5895e+00	-3.3881e-21	-2.8591e+01	1.0842e-18	7.4149e+02
2473	-2.4612e-14	-5.1341e+00	-6.7763e-21	3.8037e+01	-3.4694e-18	7.0756e+02
	-2.4612e-14	-5.1341e+00	-6.7763e-21	3.8037e+01	6.9389e-18	-8.5322e+02
2474	6.8292e+00	4.2874e+00	2.6264e+00	1.3882e-03	-8.6913e+02	-1.0958e+03
	6.8292e+00	4.2874e+00	2.6264e+00	1.3882e-03	2.4185e+02	7.1773e+02
2475	-6.8229e+00	1.6853e-01	4.8583e+00	1.3882e-03	-1.5611e+03	-3.5501e+01
	-6.8229e+00	1.6853e-01	4.8583e+00	1.3882e-03	4.9390e+02	3.5788e+01
2476	-1.6294e+01	3.9354e-01	7.6810e-01	1.3882e-03	-1.0347e+02	-6.7760e+01
	-1.6294e+01	3.9354e-01	7.6810e-01	1.3882e-03	2.2143e+02	9.8707e+01
2477	4.3156e+00	7.3452e+00	6.7233e-01	1.3882e-03	-1.0827e+02	-1.9086e+03
	4.3156e+00	7.3452e+00	6.7233e-01	1.3882e-03	1.7613e+02	1.1985e+03

2478	-1.3934e+01	3.7337e-01	-1.3798e-01	1.3882e-03	2.8678e+01	-6.0851e+01
	-1.3934e+01	3.7337e-01	-1.3798e-01	1.3882e-03	-2.9685e+01	9.7085e+01
2479	-1.4448e+01	3.9082e-01	6.3447e-02	1.3882e-03	-1.8616e+01	-6.4299e+01
	-1.4448e+01	3.9082e-01	6.3447e-02	1.3882e-03	8.2223e+00	1.0102e+02
2480	5.8771e+00	-7.9927e+00	-2.3336e-02	1.3882e-03	7.0236e+00	2.1899e+03
	5.8771e+00	-7.9927e+00	-2.3336e-02	1.3882e-03	-2.8473e+00	-1.1910e+03
2481	5.7763e+00	-7.9351e+00	-1.3156e-01	1.3882e-03	2.6876e+01	2.1743e+03
	5.7763e+00	-7.9351e+00	-1.3156e-01	1.3882e-03	-2.8773e+01	-1.1823e+03
2482	2.5370e+00	-7.7845e+00	5.7074e-01	1.3882e-03	-8.5278e+01	2.1284e+03
	2.5370e+00	-7.7845e+00	5.7074e-01	1.3882e-03	1.5614e+02	-1.1644e+03
2483	6.9625e+00	-4.7762e+00	2.5051e+00	1.3882e-03	-8.3005e+02	1.2786e+03
	6.9625e+00	-4.7762e+00	2.5051e+00	1.3882e-03	2.2959e+02	-7.4174e+02
2484	7.2574e+00	7.4900e+00	-1.3771e-01	1.3882e-03	2.8564e+01	-1.9500e+03
	7.2574e+00	7.4900e+00	-1.3771e-01	1.3882e-03	-2.9690e+01	1.2183e+03
2485	7.1595e+00	7.5719e+00	-3.5595e-02	1.3882e-03	9.4358e+00	-1.9711e+03
	7.1595e+00	7.5719e+00	-3.5595e-02	1.3882e-03	-5.6208e+00	1.2318e+03
2486	-1.4651e+01	4.2916e-01	-1.2934e-02	1.3882e-03	3.9982e+00	-6.9864e+01
	-1.4651e+01	4.2916e-01	-1.2934e-02	1.3882e-03	-1.4729e+00	1.1167e+02
2487	5.9573e+00	-8.0349e+00	4.0494e-05	1.3882e-03	-9.7177e-03	2.1983e+03
	5.9573e+00	-8.0349e+00	4.0494e-05	1.3882e-03	7.4111e-03	-1.2004e+03
2488	7.3238e+00	7.7575e+00	-9.2462e-02	1.3882e-03	2.3725e+01	-2.0210e+03
	7.3238e+00	7.7575e+00	-9.2462e-02	1.3882e-03	-1.5386e+01	1.2605e+03
2489	-1.4982e+01	5.0600e-01	-3.9822e-05	1.3882e-03	1.0268e-02	-8.1220e+01
	-1.4982e+01	5.0600e-01	-3.9822e-05	1.3882e-03	-6.5771e-03	1.3282e+02
2490	5.9869e+00	-8.0529e+00	1.4606e-02	1.3882e-03	-4.5156e+00	2.2056e+03
	5.9869e+00	-8.0529e+00	1.4606e-02	1.3882e-03	1.6629e+00	-1.2008e+03
2491	5.9991e+00	-8.0529e+00	-1.4649e-02	1.3882e-03	4.5269e+00	2.2056e+03
	5.9991e+00	-8.0529e+00	-1.4649e-02	1.3882e-03	-1.6696e+00	-1.2007e+03
2492	8.0107e+00	8.1975e+00	-4.5851e-05	1.3882e-03	1.3069e-02	-2.1475e+03
	8.0107e+00	8.1975e+00	-4.5851e-05	1.3882e-03	-6.3263e-03	1.3200e+03
2493	-1.4651e+01	4.2913e-01	1.2852e-02	1.3882e-03	-3.9772e+00	-6.9854e+01
	-1.4651e+01	4.2913e-01	1.2852e-02	1.3882e-03	1.4594e+00	1.1167e+02
2494	7.3249e+00	7.7574e+00	9.2365e-02	1.3882e-03	-2.3697e+01	-2.0209e+03
	7.3249e+00	7.7574e+00	9.2365e-02	1.3882e-03	1.5373e+01	1.2604e+03
2495	5.8646e+00	-7.9927e+00	2.3527e-02	1.3882e-03	-7.0682e+00	2.1899e+03
	5.8646e+00	-7.9927e+00	2.3527e-02	1.3882e-03	2.8836e+00	-1.1910e+03
2496	-1.4447e+01	3.9068e-01	-6.3513e-02	1.3882e-03	1.8633e+01	-6.4268e+01
	-1.4447e+01	3.9068e-01	-6.3513e-02	1.3882e-03	-8.2327e+00	1.0099e+02
2497	7.1585e+00	7.5718e+00	3.5493e-02	1.3882e-03	-9.4079e+00	-1.9710e+03
	7.1585e+00	7.5718e+00	3.5493e-02	1.3882e-03	5.6057e+00	1.2318e+03
2498	5.8184e+00	-7.9350e+00	1.3147e-01	1.3882e-03	-2.6852e+01	2.1742e+03
	5.8184e+00	-7.9350e+00	1.3147e-01	1.3882e-03	2.8762e+01	-1.1822e+03
2499	-1.3934e+01	3.7329e-01	1.3789e-01	1.3882e-03	-2.8658e+01	-6.0826e+01
	-1.3934e+01	3.7329e-01	1.3789e-01	1.3882e-03	2.9670e+01	9.7075e+01
2500	7.2598e+00	7.4899e+00	1.3751e-01	1.3882e-03	-2.8514e+01	-1.9500e+03
	7.2598e+00	7.4899e+00	1.3751e-01	1.3882e-03	2.9655e+01	1.2183e+03
2501	2.4890e+00	-7.7850e+00	-5.7071e-01	1.3882e-03	8.5276e+01	2.1285e+03
	2.4890e+00	-7.7850e+00	-5.7071e-01	1.3882e-03	-1.5613e+02	-1.1645e+03
2502	-1.6295e+01	3.9334e-01	-7.6818e-01	1.3882e-03	1.0349e+02	-6.7716e+01
	-1.6295e+01	3.9334e-01	-7.6818e-01	1.3882e-03	-2.2145e+02	9.8668e+01
2503	4.2865e+00	7.3455e+00	-6.7254e-01	1.3882e-03	1.0832e+02	-1.9086e+03

	4.2865e+00	7.3455e+00	-6.7254e-01	1.3882e-03	-1.7616e+02	1.1985e+03
2504	6.9964e+00	-4.7760e+00	-2.5044e+00	1.3882e-03	8.2986e+02	1.2785e+03
	6.9964e+00	-4.7760e+00	-2.5044e+00	1.3882e-03	-2.2949e+02	-7.4171e+02
2505	-6.8228e+00	1.6865e-01	-4.8583e+00	1.3882e-03	1.5612e+03	-3.5518e+01
	-6.8228e+00	1.6865e-01	-4.8583e+00	1.3882e-03	-4.9390e+02	3.5821e+01
2506	6.8086e+00	4.2874e+00	-2.6267e+00	1.3882e-03	8.6919e+02	-1.0958e+03
	6.8086e+00	4.2874e+00	-2.6267e+00	1.3882e-03	-2.4189e+02	7.1775e+02
2530	0.0000e+00	6.4311e+00	0.0000e+00	1.4193e+02	0.0000e+00	-3.4119e+02
	0.0000e+00	6.4311e+00	0.0000e+00	1.4193e+02	0.0000e+00	-5.1792e+01
	0.0000e+00	7.9349e-01	0.0000e+00	1.4856e+02	0.0000e+00	-7.6081e-01
	0.0000e+00	7.9349e-01	0.0000e+00	1.4856e+02	0.0000e+00	2.7617e+02
2531	0.0000e+00	4.3472e+00	0.0000e+00	3.0545e+01	0.0000e+00	-2.0473e+02
	0.0000e+00	4.3472e+00	0.0000e+00	3.0545e+01	0.0000e+00	-9.1012e+00
	0.0000e+00	9.1587e-01	0.0000e+00	-1.7172e+00	0.0000e+00	1.3165e+02
	0.0000e+00	9.1587e-01	0.0000e+00	-1.7172e+00	0.0000e+00	4.5129e+02
2532	0.0000e+00	4.7191e+00	0.0000e+00	-3.8701e+00	0.0000e+00	-2.0285e+02
	0.0000e+00	4.7191e+00	0.0000e+00	-3.8701e+00	0.0000e+00	9.5145e+00
	0.0000e+00	5.3083e-01	0.0000e+00	-2.4666e+00	0.0000e+00	2.0832e+02
	0.0000e+00	5.3083e-01	0.0000e+00	-2.4666e+00	0.0000e+00	3.9358e+02
2533	0.0000e+00	4.7831e+00	0.0000e+00	9.7879e+00	0.0000e+00	-2.0146e+02
	0.0000e+00	4.7831e+00	0.0000e+00	9.7879e+00	0.0000e+00	1.3776e+01
	0.0000e+00	4.4922e-01	0.0000e+00	-2.4151e+00	0.0000e+00	2.2528e+02
	0.0000e+00	4.4922e-01	0.0000e+00	-2.4151e+00	0.0000e+00	3.8206e+02
2534	0.0000e+00	4.7877e+00	0.0000e+00	-4.0964e+00	0.0000e+00	-2.0153e+02
	0.0000e+00	4.7877e+00	0.0000e+00	-4.0964e+00	0.0000e+00	1.3914e+01
	0.0000e+00	4.0258e-01	0.0000e+00	1.3568e+00	0.0000e+00	2.3675e+02
	0.0000e+00	4.0258e-01	0.0000e+00	1.3568e+00	0.0000e+00	3.7725e+02
2535	0.0000e+00	4.7478e+00	0.0000e+00	2.1629e-03	0.0000e+00	-2.0157e+02
	0.0000e+00	4.7478e+00	0.0000e+00	2.1629e-03	0.0000e+00	1.2084e+01
	0.0000e+00	4.4119e-01	0.0000e+00	-6.5559e-03	0.0000e+00	2.2793e+02
	0.0000e+00	4.4119e-01	0.0000e+00	-6.5559e-03	0.0000e+00	3.8191e+02
2536	0.0000e+00	4.7875e+00	0.0000e+00	4.0970e+00	0.0000e+00	-2.0153e+02
	0.0000e+00	4.7875e+00	0.0000e+00	4.0970e+00	0.0000e+00	1.3909e+01
	0.0000e+00	4.0300e-01	0.0000e+00	-1.3539e+00	0.0000e+00	2.3673e+02
	0.0000e+00	4.0300e-01	0.0000e+00	-1.3539e+00	0.0000e+00	3.7738e+02
2537	0.0000e+00	4.7832e+00	0.0000e+00	-9.7835e+00	0.0000e+00	-2.0147e+02
	0.0000e+00	4.7832e+00	0.0000e+00	-9.7835e+00	0.0000e+00	1.3774e+01
	0.0000e+00	4.4952e-01	0.0000e+00	2.3864e+00	0.0000e+00	2.2526e+02
	0.0000e+00	4.4952e-01	0.0000e+00	2.3864e+00	0.0000e+00	3.8215e+02
2538	0.0000e+00	4.7186e+00	0.0000e+00	3.8647e+00	0.0000e+00	-2.0282e+02
	0.0000e+00	4.7186e+00	0.0000e+00	3.8647e+00	0.0000e+00	9.5149e+00
	0.0000e+00	5.3137e-01	0.0000e+00	2.4718e+00	0.0000e+00	2.0834e+02
	0.0000e+00	5.3137e-01	0.0000e+00	2.4718e+00	0.0000e+00	3.9379e+02
2539	0.0000e+00	4.3478e+00	0.0000e+00	-3.0545e+01	0.0000e+00	-2.0476e+02
	0.0000e+00	4.3478e+00	0.0000e+00	-3.0545e+01	0.0000e+00	-9.1054e+00
	0.0000e+00	9.1522e-01	0.0000e+00	1.7161e+00	0.0000e+00	1.3161e+02
	0.0000e+00	9.1522e-01	0.0000e+00	1.7161e+00	0.0000e+00	4.5103e+02
2540	0.0000e+00	6.4307e+00	0.0000e+00	-1.4194e+02	0.0000e+00	-3.4110e+02
	0.0000e+00	6.4307e+00	0.0000e+00	-1.4194e+02	0.0000e+00	-5.1715e+01
	0.0000e+00	7.9218e-01	0.0000e+00	-1.4871e+02	0.0000e+00	-4.4957e-01
	0.0000e+00	7.9218e-01	0.0000e+00	-1.4871e+02	0.0000e+00	2.7602e+02

Condizione "(1) Q3"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-6.7827e+01	0.0000e+00	1.1840e-01	0.0000e+00	4.6766e+03
	0.0000e+00	-6.7827e+01	0.0000e+00	1.1840e-01	0.0000e+00	-8.0071e+03
630	0.0000e+00	-4.9412e+01	0.0000e+00	-2.8164e+01	0.0000e+00	2.9844e+03
	0.0000e+00	-4.9412e+01	0.0000e+00	-2.8164e+01	0.0000e+00	-6.2557e+03
631	0.0000e+00	-4.8782e+01	0.0000e+00	1.7075e+01	0.0000e+00	2.9382e+03
	0.0000e+00	-4.8782e+01	0.0000e+00	1.7075e+01	0.0000e+00	-6.1840e+03
632	-7.5541e+01	1.5330e+02	7.8265e-01	9.1728e+00	-1.0366e+02	-1.8856e+04
	-7.5541e+01	1.5330e+02	7.8265e-01	9.1728e+00	-7.3936e+00	-2.9104e-11
633	2.7265e+02	-1.3486e+02	7.8526e-01	2.6846e+00	-9.8751e+01	1.6588e+04
	2.7265e+02	-1.3486e+02	7.8526e-01	2.6846e+00	-2.1639e+00	-9.0949e-13
634	1.3702e+02	-1.5390e+01	4.6422e-01	4.7100e-01	-5.7479e+01	1.8930e+03
	1.3702e+02	-1.5390e+01	4.6422e-01	4.7100e-01	-3.7964e-01	3.6380e-12
635	1.1627e+02	8.0889e+00	2.6738e-01	-1.2743e+00	-3.1860e+01	-9.9494e+02
	1.1627e+02	8.0889e+00	2.6738e-01	-1.2743e+00	1.0271e+00	3.6380e-12
636	1.6241e+02	-3.0468e+01	7.0809e-02	-2.7563e+00	-6.4879e+00	3.7475e+03
	1.6241e+02	-3.0468e+01	7.0809e-02	-2.7563e+00	2.2216e+00	-3.6380e-12
637	8.7541e+01	3.6788e+01	-9.8820e-02	-4.3694e+00	1.5677e+01	-4.5250e+03
	8.7541e+01	3.6788e+01	-9.8820e-02	-4.3694e+00	3.5219e+00	0.0000e+00
638	1.5867e+02	-2.6253e+01	-2.6221e-01	-5.9387e+00	3.7039e+01	3.2291e+03
	1.5867e+02	-2.6253e+01	-2.6221e-01	-5.9387e+00	4.7868e+00	-7.2760e-12
639	1.2135e+02	2.3593e+00	-4.4023e-01	-7.5466e+00	6.0231e+01	-2.9019e+02
	1.2135e+02	2.3593e+00	-4.4023e-01	-7.5466e+00	6.0828e+00	0.0000e+00
640	1.2740e+02	-4.4727e+00	-6.1211e-01	-9.3567e+00	8.2832e+01	5.5014e+02
	1.2740e+02	-4.4727e+00	-6.1211e-01	-9.3567e+00	7.5418e+00	-3.6380e-12
641	2.7925e+02	-1.4275e+02	-8.7360e-01	-1.1825e+01	1.1698e+02	1.7558e+04
	2.7925e+02	-1.4275e+02	-8.7360e-01	-1.1825e+01	9.5317e+00	3.6380e-12
642	-7.6457e+01	1.5366e+02	-1.5152e+00	-1.3028e+01	1.9687e+02	-1.8900e+04
	-7.6457e+01	1.5366e+02	-1.5152e+00	-1.3028e+01	1.0501e+01	-2.9104e-11
654	0.0000e+00	8.0098e+01	0.0000e+00	1.4745e+03	0.0000e+00	-5.3021e+03
	0.0000e+00	-6.6937e+01	0.0000e+00	2.9844e+03	0.0000e+00	2.8164e+01
655	0.0000e+00	5.4435e+01	0.0000e+00	3.9218e+02	0.0000e+00	-2.8809e+03
	0.0000e+00	-7.0618e+01	0.0000e+00	1.4745e+03	0.0000e+00	-5.3021e+03
656	0.0000e+00	4.6184e+01	0.0000e+00	-1.8593e+02	0.0000e+00	-3.0150e+03
	0.0000e+00	-4.5617e+01	0.0000e+00	3.9218e+02	0.0000e+00	-2.8809e+03
657	0.0000e+00	5.3997e+01	0.0000e+00	-1.1963e+03	0.0000e+00	-3.0584e+03
	0.0000e+00	-5.3097e+01	0.0000e+00	-1.8593e+02	0.0000e+00	-3.0150e+03
658	0.0000e+00	8.1484e+01	0.0000e+00	-2.3355e+03	0.0000e+00	-5.6303e+03
	0.0000e+00	-5.6114e+01	0.0000e+00	-1.1963e+03	0.0000e+00	-3.0584e+03
659	0.0000e+00	5.6033e+01	0.0000e+00	1.2027e+03	0.0000e+00	-3.0501e+03
	0.0000e+00	-8.1478e+01	0.0000e+00	2.3412e+03	0.0000e+00	-5.6304e+03
660	0.0000e+00	5.3191e+01	0.0000e+00	1.9587e+02	0.0000e+00	-3.0289e+03
	0.0000e+00	-5.3921e+01	0.0000e+00	1.2027e+03	0.0000e+00	-3.0501e+03
661	0.0000e+00	4.5411e+01	0.0000e+00	-3.7800e+02	0.0000e+00	-2.8566e+03
	0.0000e+00	-4.6309e+01	0.0000e+00	1.9587e+02	0.0000e+00	-3.0289e+03
662	0.0000e+00	7.1364e+01	0.0000e+00	-1.4485e+03	0.0000e+00	-5.3677e+03
	0.0000e+00	-5.4340e+01	0.0000e+00	-3.7800e+02	0.0000e+00	-2.8566e+03
663	0.0000e+00	6.8389e+01	0.0000e+00	-2.9382e+03	0.0000e+00	1.7075e+01
	0.0000e+00	-8.1243e+01	0.0000e+00	-1.4485e+03	0.0000e+00	-5.3677e+03
664	0.0000e+00	1.2515e+02	0.0000e+00	-1.4783e+04	0.0000e+00	-1.3604e+04

	0.0000e+00	6.3068e+01	0.0000e+00	-1.9502e+04	0.0000e+00	7.9374e+02
665	0.0000e+00	8.7986e+01	0.0000e+00	1.4745e+03	0.0000e+00	-4.0248e+03
	0.0000e+00	-1.6189e+02	0.0000e+00	-6.3006e+01	0.0000e+00	-1.3489e+04
666	0.0000e+00	6.3296e+01	0.0000e+00	1.9861e+03	0.0000e+00	-3.7692e+03
	0.0000e+00	-6.8355e+01	0.0000e+00	7.3222e+02	0.0000e+00	-4.0937e+03
667	0.0000e+00	9.1824e+01	0.0000e+00	4.1823e+02	0.0000e+00	-6.5786e+03
	0.0000e+00	-7.2287e+01	0.0000e+00	-1.5776e+03	0.0000e+00	-3.6555e+03
668	0.0000e+00	5.3126e+01	0.0000e+00	3.5541e+03	0.0000e+00	-1.8831e+03
	0.0000e+00	-8.9389e+01	0.0000e+00	1.6458e+03	0.0000e+00	-6.6330e+03
669	0.0000e+00	8.7342e+01	0.0000e+00	-1.3801e+03	0.0000e+00	-6.4128e+03
	0.0000e+00	-5.3099e+01	0.0000e+00	-3.3272e+03	0.0000e+00	-1.9004e+03
670	0.0000e+00	7.4474e+01	0.0000e+00	1.3991e+03	0.0000e+00	-3.9851e+03
	0.0000e+00	-9.0054e+01	0.0000e+00	-6.4397e+02	0.0000e+00	-6.3875e+03
671	0.0000e+00	6.3115e+01	0.0000e+00	-1.4280e+02	0.0000e+00	-3.5446e+03
	0.0000e+00	-6.6155e+01	0.0000e+00	-1.4532e+03	0.0000e+00	-4.1323e+03
672	0.0000e+00	1.6502e+02	0.0000e+00	-6.4267e+02	0.0000e+00	-1.3860e+04
	0.0000e+00	-8.3491e+01	0.0000e+00	-2.1846e+03	0.0000e+00	-3.5024e+03
673	0.0000e+00	-6.3735e+01	0.0000e+00	1.9601e+04	0.0000e+00	8.9255e+02
	0.0000e+00	-1.2876e+02	0.0000e+00	1.5002e+04	0.0000e+00	-1.3992e+04
2422	-8.3267e-16	-9.6724e-01	1.3184e-16	3.0783e+01	-8.8818e-15	1.6232e+02
	-8.3267e-16	-9.6724e-01	1.3184e-16	3.0783e+01	7.1054e-15	-2.2458e+02
2423	1.6653e-16	2.0389e-01	-2.4286e-17	6.1447e+00	1.9540e-14	-4.1517e+01
	1.6653e-16	2.0389e-01	-2.4286e-17	6.1447e+00	-3.8192e-14	4.8195e+01
2424	-2.7756e-16	-7.5926e-02	-1.3878e-17	-6.9768e-01	3.1974e-14	2.2638e+01
	-2.7756e-16	-7.5926e-02	-1.3878e-17	-6.9768e-01	6.3949e-14	1.3782e+00
2425	1.1102e-16	-2.7824e-02	-1.7347e-18	-1.5360e+00	-3.1086e-15	-1.8604e+00
	1.1102e-16	-2.7824e-02	-1.7347e-18	-1.5360e+00	-1.2879e-14	-1.4103e+01
2426	-1.1102e-16	1.2207e-01	2.0817e-16	-1.3718e+01	-3.1308e-14	-1.7220e+01
	-1.1102e-16	1.2207e-01	2.0817e-16	-1.3718e+01	6.3283e-14	2.5504e+01
2427	7.7716e-16	-7.7190e-02	-2.3332e-16	1.3583e+01	-4.9738e-14	1.7503e+01
	7.7716e-16	-7.7190e-02	-2.3332e-16	1.3583e+01	-3.3973e-14	-9.5136e+00
2428	-6.1062e-16	5.5814e-02	-1.5613e-17	1.8899e+00	-1.0214e-14	-2.0125e+01
	-6.1062e-16	5.5814e-02	-1.5613e-17	1.8899e+00	-5.3291e-15	4.4328e+00
2429	-6.1062e-16	1.4357e-01	1.6653e-16	-1.7346e-02	3.7303e-14	-8.1329e+00
	-6.1062e-16	1.4357e-01	1.6653e-16	-1.7346e-02	5.6843e-14	3.2066e+01
2430	0.0000e+00	-1.7546e-01	-7.9797e-17	-5.6034e+00	5.3291e-15	4.1792e+01
	0.0000e+00	-1.7546e-01	-7.9797e-17	-5.6034e+00	-2.2204e-14	-3.5411e+01
2431	-5.5511e-17	1.0093e+00	-6.9389e-17	-3.1406e+01	-1.7764e-15	-2.3337e+02
	-5.5511e-17	1.0093e+00	-6.9389e-17	-3.1406e+01	0.0000e+00	1.7036e+02
2432	-8.8818e-16	-1.3085e+00	6.9389e-17	-9.8106e+00	3.5527e-15	2.1501e+02
	-8.8818e-16	-1.3085e+00	6.9389e-17	-9.8106e+00	-5.3291e-15	-3.0840e+02
2433	-8.8818e-16	7.7332e-01	0.0000e+00	-9.6876e+00	1.3323e-14	-1.7322e+02
	-8.8818e-16	7.7332e-01	0.0000e+00	-9.6876e+00	-3.0198e-14	1.6704e+02
2434	4.4409e-16	1.2861e-01	5.1348e-16	-2.1869e+00	-4.7962e-14	1.5073e+01
	4.4409e-16	1.2861e-01	5.1348e-16	-2.1869e+00	3.0198e-14	5.1085e+01
2435	1.3323e-15	-1.3400e-01	-5.2042e-18	7.3855e-01	-3.5527e-15	8.1221e+00
	1.3323e-15	-1.3400e-01	-5.2042e-18	7.3855e-01	-1.2434e-14	-5.0837e+01
2436	6.6613e-16	-2.2567e-01	6.9389e-17	2.5679e+01	3.5527e-15	1.0958e+01
	6.6613e-16	-2.2567e-01	6.9389e-17	2.5679e+01	-5.3291e-15	-7.9311e+01
2437	-6.6613e-16	6.4117e-01	1.7347e-17	1.4565e+01	9.7700e-15	-1.4996e+02
	-6.6613e-16	6.4117e-01	1.7347e-17	1.4565e+01	-2.8422e-14	1.3215e+02

2438	-1.7764e-15	-3.5302e-04	0.0000e+00	2.5616e+00	3.0198e-14	3.0694e+01
	-1.7764e-15	-3.5302e-04	0.0000e+00	2.5616e+00	6.5725e-14	3.0595e+01
2439	2.2204e-16	-9.2782e-02	-3.6429e-17	1.3221e+00	4.4409e-15	-6.5516e-02
	2.2204e-16	-9.2782e-02	-3.6429e-17	1.3221e+00	-2.0428e-14	-4.0889e+01
2440	0.0000e+00	-2.3837e-01	2.3332e-16	-4.9326e-01	-3.5305e-14	5.2847e+01
	0.0000e+00	-2.3837e-01	2.3332e-16	-4.9326e-01	-4.6629e-14	-3.0582e+01
2441	-8.8818e-16	3.3860e-01	1.4919e-16	3.9567e+00	-1.9984e-14	-4.9521e+01
	-8.8818e-16	3.3860e-01	1.4919e-16	3.9567e+00	5.1070e-14	6.8989e+01
2442	0.0000e+00	-2.8480e-01	-2.0730e-16	-3.9438e+00	-5.4512e-14	5.9220e+01
	0.0000e+00	-2.8480e-01	-2.0730e-16	-3.9438e+00	-2.9088e-14	-4.0460e+01
2443	4.4409e-16	1.3135e-01	-1.7347e-18	-8.8458e-02	-1.3323e-14	-4.9810e+01
	4.4409e-16	1.3135e-01	-1.7347e-18	-8.8458e-02	-2.6645e-15	7.9855e+00
2444	0.0000e+00	3.7194e-02	1.6653e-16	1.3853e+00	4.2633e-14	2.7670e+01
	0.0000e+00	3.7194e-02	1.6653e-16	1.3853e+00	-6.0396e-14	3.8084e+01
2445	-2.2204e-16	-8.0275e-01	9.7145e-17	1.0828e+01	1.2434e-14	1.7315e+02
	-2.2204e-16	-8.0275e-01	9.7145e-17	1.0828e+01	2.7534e-14	-1.8006e+02
2446	-2.2204e-16	1.3830e+00	-2.7756e-17	9.3729e+00	-1.0658e-14	-3.2327e+02
	-2.2204e-16	1.3830e+00	-2.7756e-17	9.3729e+00	8.8818e-15	2.2991e+02
2447	6.6613e-16	2.9534e-01	-1.2577e-16	8.0911e-01	4.6074e-14	-4.0709e+01
	6.6613e-16	2.9534e-01	-1.2577e-16	8.0911e-01	-1.5321e-14	6.2660e+01
2448	-8.8818e-16	1.2663e-01	-1.9082e-17	-1.2188e+00	-9.3259e-15	-4.8219e+01
	-8.8818e-16	1.2663e-01	-1.9082e-17	-1.2188e+00	-6.6613e-15	7.4996e+00
2449	8.8818e-16	9.1374e-02	3.8858e-16	-2.0791e+00	1.4211e-14	1.7744e+01
	8.8818e-16	9.1374e-02	3.8858e-16	-2.0791e+00	-3.1974e-14	4.3329e+01
2450	2.2204e-16	-6.1428e-01	5.8981e-17	-1.4938e+01	1.8652e-14	1.2601e+02
	2.2204e-16	-6.1428e-01	5.8981e-17	-1.4938e+01	2.1316e-14	-1.4427e+02
2451	6.6613e-16	2.7585e-01	-2.7756e-17	-2.5566e+01	-8.8818e-15	-8.9836e+01
	6.6613e-16	2.7585e-01	-2.7756e-17	-2.5566e+01	8.8818e-15	2.0502e+01
2452	-3.0198e-14	-1.4532e+01	0.0000e+00	4.9989e+01	-8.8818e-16	3.4241e+03
	-3.0198e-14	-1.4532e+01	0.0000e+00	4.9989e+01	-3.3307e-16	-2.9120e+03
2453	-2.8422e-14	1.9636e+01	-1.3878e-17	-4.3835e+01	-4.4409e-16	-2.4875e+03
	-2.8422e-14	1.9636e+01	-1.3878e-17	-4.3835e+01	-4.4409e-16	3.4819e+03
2454	-4.6185e-14	-1.5142e+01	-8.6736e-19	6.6138e+00	6.6613e-16	3.6578e+03
	-4.6185e-14	-1.5142e+01	-8.6736e-19	6.6138e+00	-8.8818e-16	-2.9440e+03
2455	5.3291e-15	2.3489e+01	6.9389e-18	-3.1664e+01	-4.4409e-16	-3.0913e+03
	5.3291e-15	2.3489e+01	6.9389e-18	-3.1664e+01	8.8818e-16	4.0494e+03
2456	-1.1546e-14	-1.6874e+01	2.6021e-18	-1.3088e+01	2.2204e-16	4.0787e+03
	-1.1546e-14	-1.6874e+01	2.6021e-18	-1.3088e+01	0.0000e+00	-3.2783e+03
2457	-2.3093e-14	2.6613e+01	-1.3878e-17	2.2156e+01	-4.4409e-16	-3.5331e+03
	-2.3093e-14	2.6613e+01	-1.3878e-17	2.2156e+01	-4.4409e-16	4.5572e+03
2458	-2.3093e-14	-1.7134e+01	5.2042e-18	2.8015e+01	-8.8818e-16	4.1379e+03
	-2.3093e-14	-1.7134e+01	5.2042e-18	2.8015e+01	-5.5511e-16	-3.3324e+03
2459	1.4211e-14	2.6875e+01	6.9389e-18	-2.9983e+01	0.0000e+00	-3.5647e+03
	1.4211e-14	2.6875e+01	6.9389e-18	-2.9983e+01	-1.3323e-15	4.6051e+03
2460	1.1102e-14	-1.6967e+01	6.9389e-18	-1.2988e+01	2.2204e-16	4.0954e+03
	1.1102e-14	-1.6967e+01	6.9389e-18	-1.2988e+01	0.0000e+00	-3.3023e+03
2461	-4.8406e-14	2.6394e+01	6.9389e-18	2.4954e+01	2.6645e-15	-3.4805e+03
	-4.8406e-14	2.6394e+01	6.9389e-18	2.4954e+01	-2.2204e-15	4.5433e+03
2462	-1.4788e-15	-1.6905e+01	-3.4694e-18	6.4817e-01	-2.2204e-16	4.0435e+03
	-1.4788e-15	-1.6905e+01	-3.4694e-18	6.4817e-01	-1.1102e-16	-3.3273e+03
2463	-1.7107e-14	2.4792e+01	-3.4694e-18	5.0768e-01	-4.4409e-16	-3.1958e+03

	-1.7107e-14	2.4792e+01	-3.4694e-18	5.0768e-01	4.4409e-16	4.3410e+03
2464	-2.3537e-14	-1.7004e+01	0.0000e+00	1.3780e+01	2.2204e-16	4.1032e+03
	-2.3537e-14	-1.7004e+01	0.0000e+00	1.3780e+01	-6.6613e-16	-3.3108e+03
2465	4.8850e-14	2.6393e+01	-3.4694e-18	-2.3906e+01	8.8818e-16	-3.4790e+03
	4.8850e-14	2.6393e+01	-3.4694e-18	-2.3906e+01	-1.7764e-15	4.5446e+03
2466	1.3323e-14	-1.7141e+01	-4.3368e-18	-2.6273e+01	6.6613e-16	4.1384e+03
	1.3323e-14	-1.7141e+01	-4.3368e-18	-2.6273e+01	-3.3307e-16	-3.3352e+03
2467	-7.1054e-15	2.6831e+01	6.9389e-18	3.1109e+01	0.0000e+00	-3.5577e+03
	-7.1054e-15	2.6831e+01	6.9389e-18	3.1109e+01	-1.3323e-15	4.5989e+03
2468	1.0658e-14	-1.6964e+01	-8.6736e-18	1.4517e+01	-8.8818e-16	4.0974e+03
	1.0658e-14	-1.6964e+01	-8.6736e-18	1.4517e+01	5.5511e-16	-3.2990e+03
2469	4.0856e-14	2.6593e+01	6.9389e-18	-2.0843e+01	0.0000e+00	-3.5267e+03
	4.0856e-14	2.6593e+01	6.9389e-18	-2.0843e+01	1.7764e-15	4.5576e+03
2470	5.1514e-14	-1.5129e+01	7.8063e-18	-5.8628e+00	-2.2204e-16	3.6523e+03
	5.1514e-14	-1.5129e+01	7.8063e-18	-5.8628e+00	0.0000e+00	-2.9437e+03
2471	-1.9540e-14	2.3349e+01	-3.4694e-18	3.3336e+01	-1.3323e-15	-3.0701e+03
	-1.9540e-14	2.3349e+01	-3.4694e-18	3.3336e+01	8.8818e-16	4.0279e+03
2472	2.1316e-14	-1.4603e+01	6.9389e-18	-4.8145e+01	2.2204e-16	3.4364e+03
	2.1316e-14	-1.4603e+01	6.9389e-18	-4.8145e+01	-6.6613e-16	-2.9305e+03
2473	4.2633e-14	1.9485e+01	1.3878e-17	4.5971e+01	8.8818e-16	-2.4620e+03
	4.2633e-14	1.9485e+01	1.3878e-17	4.5971e+01	-1.3323e-15	3.4613e+03
2474	6.1131e+02	-1.2841e+01	-2.5549e+00	-4.5250e-01	9.4952e+02	2.9187e+03
	6.1131e+02	-1.2841e+01	-2.5549e+00	-4.5250e-01	-1.3119e+02	-2.5132e+03
2475	3.3201e+01	-6.4125e-01	-2.0471e+00	-4.5250e-01	7.3517e+02	1.8261e+02
	3.3201e+01	-6.4125e-01	-2.0471e+00	-4.5250e-01	-1.3076e+02	-8.8643e+01
2476	3.9802e+01	-1.5089e+00	-2.3744e-01	-4.5250e-01	2.4592e+01	2.7130e+02
	3.9802e+01	-1.5089e+00	-2.3744e-01	-4.5250e-01	-7.5844e+01	-3.6696e+02
2477	9.3928e+02	-1.5956e+01	5.3479e-01	-4.5250e-01	-1.4254e+02	3.6690e+03
	9.3928e+02	-1.5956e+01	5.3479e-01	-4.5250e-01	8.3675e+01	-3.0802e+03
2478	4.3207e+01	-2.0163e+00	1.9104e-01	-4.5250e-01	-7.3160e+01	3.8123e+02
	4.3207e+01	-2.0163e+00	1.9104e-01	-4.5250e-01	7.6514e+00	-4.7165e+02
2479	4.4056e+01	-2.0014e+00	-9.4699e-02	-4.5250e-01	6.1315e+01	3.8020e+02
	4.4056e+01	-2.0014e+00	-9.4699e-02	-4.5250e-01	2.1257e+01	-4.6640e+02
2480	1.0041e+03	1.9159e+01	-1.3545e+00	-4.5250e-01	4.8079e+02	-4.7747e+03
	1.0041e+03	1.9159e+01	-1.3545e+00	-4.5250e-01	-9.2175e+01	3.3294e+03
2481	9.8480e+02	1.8801e+01	2.0662e+00	-4.5250e-01	-6.3457e+02	-4.6821e+03
	9.8480e+02	1.8801e+01	2.0662e+00	-4.5250e-01	2.3944e+02	3.2708e+03
2482	1.0049e+03	1.6865e+01	-1.6871e-01	-4.5250e-01	1.9264e+01	-4.1902e+03
	1.0049e+03	1.6865e+01	-1.6871e-01	-4.5250e-01	-5.2099e+01	2.9439e+03
2483	7.2715e+02	1.7073e+01	-4.4464e+00	-4.5250e-01	1.5273e+03	-4.3002e+03
	7.2715e+02	1.7073e+01	-4.4464e+00	-4.5250e-01	-3.5355e+02	2.9218e+03
2484	8.9389e+02	-1.8523e+01	1.8000e+00	-4.5250e-01	-5.6292e+02	4.3142e+03
	8.9389e+02	-1.8523e+01	1.8000e+00	-4.5250e-01	1.9849e+02	-3.5211e+03
2485	8.9573e+02	-1.8765e+01	-1.3425e+00	-4.5250e-01	4.6285e+02	4.3742e+03
	8.9573e+02	-1.8765e+01	-1.3425e+00	-4.5250e-01	-1.0501e+02	-3.5635e+03
2486	4.3511e+01	-1.8515e+00	7.8024e-02	-4.5250e-01	-4.3581e+01	3.4749e+02
	4.3511e+01	-1.8515e+00	7.8024e-02	-4.5250e-01	-1.0577e+01	-4.3568e+02
2487	9.9898e+02	1.9343e+01	5.3598e-02	-4.5250e-01	-1.3089e+01	-4.8467e+03
	9.9898e+02	1.9343e+01	5.3598e-02	-4.5250e-01	9.5829e+00	3.3352e+03
2488	9.8344e+02	-1.8114e+01	3.7687e-01	-4.5250e-01	-1.6724e+02	4.1836e+03
	9.8344e+02	-1.8114e+01	3.7687e-01	-4.5250e-01	-7.8237e+00	-3.4787e+03

2489	4.1498e+01	-1.5050e+00	4.4410e-02	-4.5250e-01	-1.0938e+01	3.1180e+02
	4.1498e+01	-1.5050e+00	4.4410e-02	-4.5250e-01	7.8470e+00	-3.2481e+02
2490	1.0721e+03	1.8965e+01	9.1064e-01	-4.5250e-01	-3.0987e+02	-4.7229e+03
	1.0721e+03	1.8965e+01	9.1064e-01	-4.5250e-01	7.5329e+01	3.2991e+03
2491	1.0754e+03	1.9009e+01	-8.4629e-01	-4.5250e-01	2.9383e+02	-4.7338e+03
	1.0754e+03	1.9009e+01	-8.4629e-01	-4.5250e-01	-6.4146e+01	3.3069e+03
2492	8.7529e+02	-1.6127e+01	5.1806e-02	-4.5250e-01	-1.3119e+01	3.6245e+03
	8.7529e+02	-1.6127e+01	5.1806e-02	-4.5250e-01	8.7954e+00	-3.1971e+03
2493	4.3531e+01	-1.8250e+00	4.8673e-03	-4.5250e-01	2.2557e+01	3.4226e+02
	4.3531e+01	-1.8250e+00	4.8673e-03	-4.5250e-01	2.4616e+01	-4.2970e+02
2494	9.8371e+02	-1.8104e+01	-2.8136e-01	-4.5250e-01	1.4242e+02	4.1810e+03
	9.8371e+02	-1.8104e+01	-2.8136e-01	-4.5250e-01	2.3403e+01	-3.4770e+03
2495	9.9954e+02	1.9189e+01	1.4769e+00	-4.5250e-01	-5.1013e+02	-4.7832e+03
	9.9954e+02	1.9189e+01	1.4769e+00	-4.5250e-01	1.1462e+02	3.3337e+03
2496	4.4060e+01	-1.9625e+00	1.8528e-01	-4.5250e-01	-8.3564e+01	3.7157e+02
	4.4060e+01	-1.9625e+00	1.8528e-01	-4.5250e-01	-5.1902e+00	-4.5858e+02
2497	8.9542e+02	-1.8730e+01	1.4458e+00	-4.5250e-01	-4.8908e+02	4.3660e+03
	8.9542e+02	-1.8730e+01	1.4458e+00	-4.5250e-01	1.2252e+02	-3.5568e+03
2498	9.9339e+02	1.8905e+01	-1.9747e+00	-4.5250e-01	6.1308e+02	-4.7072e+03
	9.9339e+02	1.8905e+01	-1.9747e+00	-4.5250e-01	-2.2223e+02	3.2896e+03
2499	4.3238e+01	-1.9394e+00	-1.0153e-01	-4.5250e-01	5.1029e+01	3.6575e+02
	4.3238e+01	-1.9394e+00	-1.0153e-01	-4.5250e-01	8.0813e+00	-4.5461e+02
2500	8.9451e+02	-1.8481e+01	-1.7057e+00	-4.5250e-01	5.3879e+02	4.3037e+03
	8.9451e+02	-1.8481e+01	-1.7057e+00	-4.5250e-01	-1.8273e+02	-3.5138e+03
2501	9.9871e+02	1.6875e+01	2.2560e-01	-4.5250e-01	-3.3565e+01	-4.1931e+03
	9.9871e+02	1.6875e+01	2.2560e-01	-4.5250e-01	6.1864e+01	2.9452e+03
2502	3.9662e+01	-1.4242e+00	3.1865e-01	-4.5250e-01	-4.5419e+01	2.5263e+02
	3.9662e+01	-1.4242e+00	3.1865e-01	-4.5250e-01	8.9370e+01	-3.4979e+02
2503	9.3675e+02	-1.5848e+01	-4.5593e-01	-4.5250e-01	1.2116e+02	3.6440e+03
	9.3675e+02	-1.5848e+01	-4.5593e-01	-4.5250e-01	-7.1705e+01	-3.0595e+03
2504	7.2960e+02	1.7173e+01	4.5704e+00	-4.5250e-01	-1.5604e+03	-4.3244e+03
	7.2960e+02	1.7173e+01	4.5704e+00	-4.5250e-01	3.7283e+02	2.9399e+03
2505	3.3078e+01	-4.8496e-01	2.1095e+00	-4.5250e-01	-7.5306e+02	1.4880e+02
	3.3078e+01	-4.8496e-01	2.1095e+00	-4.5250e-01	1.3926e+02	-5.6341e+01
2506	6.0842e+02	-1.2708e+01	2.5991e+00	-4.5250e-01	-9.6424e+02	2.8878e+03
	6.0842e+02	-1.2708e+01	2.5991e+00	-4.5250e-01	1.3517e+02	-2.4876e+03
2530	0.0000e+00	3.0726e+00	0.0000e+00	-1.3654e+02	0.0000e+00	-1.0407e+03
	0.0000e+00	3.0726e+00	0.0000e+00	-1.3654e+02	0.0000e+00	-9.0239e+02
	0.0000e+00	1.2722e+01	0.0000e+00	-6.9568e+02	0.0000e+00	-3.7389e+03
	0.0000e+00	1.2722e+01	0.0000e+00	-6.9568e+02	0.0000e+00	7.0113e+02
2531	0.0000e+00	6.2650e-01	0.0000e+00	-9.3586e+00	0.0000e+00	-6.8632e+02
	0.0000e+00	6.2650e-01	0.0000e+00	-9.3586e+00	0.0000e+00	-6.5813e+02
	0.0000e+00	1.4535e+01	0.0000e+00	-1.4865e+01	0.0000e+00	-3.1592e+03
	0.0000e+00	1.4535e+01	0.0000e+00	-1.4865e+01	0.0000e+00	1.9135e+03
2532	0.0000e+00	-1.8778e+00	0.0000e+00	-1.1139e+02	0.0000e+00	-8.2282e+02
	0.0000e+00	-1.8778e+00	0.0000e+00	-1.1139e+02	0.0000e+00	-9.0732e+02
	0.0000e+00	1.9206e+01	0.0000e+00	1.2499e+02	0.0000e+00	-4.1109e+03
	0.0000e+00	1.9206e+01	0.0000e+00	1.2499e+02	0.0000e+00	2.5919e+03
2533	0.0000e+00	-2.0968e+00	0.0000e+00	8.3648e+01	0.0000e+00	-8.2447e+02
	0.0000e+00	-2.0968e+00	0.0000e+00	8.3648e+01	0.0000e+00	-9.1882e+02
	0.0000e+00	1.9275e+01	0.0000e+00	-8.7000e+01	0.0000e+00	-4.1647e+03

	0.0000e+00	1.9275e+01	0.0000e+00	-8.7000e+01	0.0000e+00	2.5621e+03
2534	0.0000e+00	-3.9510e-01	0.0000e+00	-5.4195e+01	0.0000e+00	-8.4256e+02
	0.0000e+00	-3.9510e-01	0.0000e+00	-5.4195e+01	0.0000e+00	-8.6034e+02
	0.0000e+00	1.8723e+01	0.0000e+00	6.2371e+01	0.0000e+00	-4.0415e+03
	0.0000e+00	1.8723e+01	0.0000e+00	6.2371e+01	0.0000e+00	2.4930e+03
2535	0.0000e+00	-1.7127e+00	0.0000e+00	5.9666e-01	0.0000e+00	-8.2939e+02
	0.0000e+00	-1.7127e+00	0.0000e+00	5.9666e-01	0.0000e+00	-9.0646e+02
	0.0000e+00	1.8684e+01	0.0000e+00	-1.6155e+00	0.0000e+00	-4.1644e+03
	0.0000e+00	1.8684e+01	0.0000e+00	-1.6155e+00	0.0000e+00	2.3563e+03
2536	0.0000e+00	-4.4161e-01	0.0000e+00	5.4222e+01	0.0000e+00	-8.4132e+02
	0.0000e+00	-4.4161e-01	0.0000e+00	5.4222e+01	0.0000e+00	-8.6119e+02
	0.0000e+00	1.8807e+01	0.0000e+00	-6.0839e+01	0.0000e+00	-4.0438e+03
	0.0000e+00	1.8807e+01	0.0000e+00	-6.0839e+01	0.0000e+00	2.5200e+03
2537	0.0000e+00	-2.0373e+00	0.0000e+00	-8.2614e+01	0.0000e+00	-8.2801e+02
	0.0000e+00	-2.0373e+00	0.0000e+00	-8.2614e+01	0.0000e+00	-9.1969e+02
	0.0000e+00	1.9311e+01	0.0000e+00	8.1896e+01	0.0000e+00	-4.1707e+03
	0.0000e+00	1.9311e+01	0.0000e+00	8.1896e+01	0.0000e+00	2.5687e+03
2538	0.0000e+00	-1.9775e+00	0.0000e+00	1.1126e+02	0.0000e+00	-8.1888e+02
	0.0000e+00	-1.9775e+00	0.0000e+00	1.1126e+02	0.0000e+00	-9.0787e+02
	0.0000e+00	1.9326e+01	0.0000e+00	-1.2634e+02	0.0000e+00	-4.1096e+03
	0.0000e+00	1.9326e+01	0.0000e+00	-1.2634e+02	0.0000e+00	2.6353e+03
2539	0.0000e+00	7.3460e-01	0.0000e+00	8.7318e+00	0.0000e+00	-6.9013e+02
	0.0000e+00	7.3460e-01	0.0000e+00	8.7318e+00	0.0000e+00	-6.5707e+02
	0.0000e+00	1.4399e+01	0.0000e+00	1.6806e+01	0.0000e+00	-3.1570e+03
	0.0000e+00	1.4399e+01	0.0000e+00	1.6806e+01	0.0000e+00	1.8683e+03
2540	0.0000e+00	3.0533e+00	0.0000e+00	1.3640e+02	0.0000e+00	-1.0319e+03
	0.0000e+00	3.0533e+00	0.0000e+00	1.3640e+02	0.0000e+00	-8.9454e+02
	0.0000e+00	1.2473e+01	0.0000e+00	6.9008e+02	0.0000e+00	-3.7075e+03
	0.0000e+00	1.2473e+01	0.0000e+00	6.9008e+02	0.0000e+00	6.4569e+02

Condizione "(1) V+x"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-1.1870e+02	0.0000e+00	2.0719e-01	0.0000e+00	8.1841e+03
	0.0000e+00	-1.1870e+02	0.0000e+00	2.0719e-01	0.0000e+00	-1.4012e+04
630	0.0000e+00	-8.6472e+01	0.0000e+00	-4.9287e+01	0.0000e+00	5.2227e+03
	0.0000e+00	-8.6472e+01	0.0000e+00	-4.9287e+01	0.0000e+00	-1.0947e+04
631	0.0000e+00	-8.5368e+01	0.0000e+00	2.9881e+01	0.0000e+00	5.1419e+03
	0.0000e+00	-8.5368e+01	0.0000e+00	2.9881e+01	0.0000e+00	-1.0822e+04
632	-1.3220e+02	2.6828e+02	1.3696e+00	1.6052e+01	-1.8140e+02	-3.2999e+04
	-1.3220e+02	2.6828e+02	1.3696e+00	1.6052e+01	-1.2939e+01	0.0000e+00
633	4.7713e+02	-2.3601e+02	1.3742e+00	4.6981e+00	-1.7281e+02	2.9029e+04
	4.7713e+02	-2.3601e+02	1.3742e+00	4.6981e+00	-3.7868e+00	1.8190e-12
634	2.3978e+02	-2.6933e+01	8.1239e-01	8.2425e-01	-1.0059e+02	3.3128e+03
	2.3978e+02	-2.6933e+01	8.1239e-01	8.2425e-01	-6.6437e-01	0.0000e+00
635	2.0348e+02	1.4156e+01	4.6791e-01	-2.2300e+00	-5.5755e+01	-1.7411e+03
	2.0348e+02	1.4156e+01	4.6791e-01	-2.2300e+00	1.7974e+00	1.4552e-11
636	2.8421e+02	-5.3319e+01	1.2392e-01	-4.8235e+00	-1.1354e+01	6.5582e+03
	2.8421e+02	-5.3319e+01	1.2392e-01	-4.8235e+00	3.8879e+00	7.2760e-12
637	1.5320e+02	6.4380e+01	-1.7293e-01	-7.6465e+00	2.7434e+01	-7.9187e+03
	1.5320e+02	6.4380e+01	-1.7293e-01	-7.6465e+00	6.1633e+00	0.0000e+00
638	2.7768e+02	-4.5943e+01	-4.5887e-01	-1.0393e+01	6.4818e+01	5.6509e+03
	2.7768e+02	-4.5943e+01	-4.5887e-01	-1.0393e+01	8.3769e+00	-7.2760e-12

639	2.1237e+02	4.1287e+00	-7.7041e-01	-1.3207e+01	1.0541e+02	-5.0783e+02
	2.1237e+02	4.1287e+00	-7.7041e-01	-1.3207e+01	1.0645e+01	-7.2760e-12
640	2.2295e+02	-7.8273e+00	-1.0712e+00	-1.6374e+01	1.4496e+02	9.6275e+02
	2.2295e+02	-7.8273e+00	-1.0712e+00	-1.6374e+01	1.3198e+01	-7.2760e-12
641	4.8868e+02	-2.4982e+02	-1.5288e+00	-2.0695e+01	2.0472e+02	3.0727e+04
	4.8868e+02	-2.4982e+02	-1.5288e+00	-2.0695e+01	1.6681e+01	3.6380e-12
642	-1.3380e+02	2.6890e+02	-2.6515e+00	-2.2799e+01	3.4452e+02	-3.3075e+04
	-1.3380e+02	2.6890e+02	-2.6515e+00	-2.2799e+01	1.8377e+01	-5.8208e-11
654	0.0000e+00	1.4017e+02	0.0000e+00	2.5804e+03	0.0000e+00	-9.2787e+03
	0.0000e+00	-1.1714e+02	0.0000e+00	5.2227e+03	0.0000e+00	4.9287e+01
655	0.0000e+00	9.5261e+01	0.0000e+00	6.8631e+02	0.0000e+00	-5.0416e+03
	0.0000e+00	-1.2358e+02	0.0000e+00	2.5804e+03	0.0000e+00	-9.2787e+03
656	0.0000e+00	8.0821e+01	0.0000e+00	-3.2538e+02	0.0000e+00	-5.2762e+03
	0.0000e+00	-7.9829e+01	0.0000e+00	6.8631e+02	0.0000e+00	-5.0416e+03
657	0.0000e+00	9.4494e+01	0.0000e+00	-2.0935e+03	0.0000e+00	-5.3523e+03
	0.0000e+00	-9.2920e+01	0.0000e+00	-3.2538e+02	0.0000e+00	-5.2762e+03
658	0.0000e+00	1.4260e+02	0.0000e+00	-4.0870e+03	0.0000e+00	-9.8530e+03
	0.0000e+00	-9.8200e+01	0.0000e+00	-2.0935e+03	0.0000e+00	-5.3523e+03
659	0.0000e+00	9.8059e+01	0.0000e+00	2.1048e+03	0.0000e+00	-5.3377e+03
	0.0000e+00	-1.4259e+02	0.0000e+00	4.0971e+03	0.0000e+00	-9.8532e+03
660	0.0000e+00	9.3085e+01	0.0000e+00	3.4277e+02	0.0000e+00	-5.3005e+03
	0.0000e+00	-9.4362e+01	0.0000e+00	2.1048e+03	0.0000e+00	-5.3377e+03
661	0.0000e+00	7.9470e+01	0.0000e+00	-6.6151e+02	0.0000e+00	-4.9990e+03
	0.0000e+00	-8.1040e+01	0.0000e+00	3.4277e+02	0.0000e+00	-5.3005e+03
662	0.0000e+00	1.2489e+02	0.0000e+00	-2.5349e+03	0.0000e+00	-9.3934e+03
	0.0000e+00	-9.5095e+01	0.0000e+00	-6.6151e+02	0.0000e+00	-4.9990e+03
663	0.0000e+00	1.1968e+02	0.0000e+00	-5.1419e+03	0.0000e+00	2.9881e+01
	0.0000e+00	-1.4217e+02	0.0000e+00	-2.5349e+03	0.0000e+00	-9.3934e+03
664	0.0000e+00	2.1902e+02	0.0000e+00	-2.5870e+04	0.0000e+00	-2.3808e+04
	0.0000e+00	1.1037e+02	0.0000e+00	-3.4129e+04	0.0000e+00	1.3890e+03
665	0.0000e+00	1.5398e+02	0.0000e+00	2.5805e+03	0.0000e+00	-7.0434e+03
	0.0000e+00	-2.8331e+02	0.0000e+00	-1.1026e+02	0.0000e+00	-2.3606e+04
666	0.0000e+00	1.1077e+02	0.0000e+00	3.4756e+03	0.0000e+00	-6.5962e+03
	0.0000e+00	-1.1962e+02	0.0000e+00	1.2814e+03	0.0000e+00	-7.1639e+03
667	0.0000e+00	1.6069e+02	0.0000e+00	7.3191e+02	0.0000e+00	-1.1513e+04
	0.0000e+00	-1.2650e+02	0.0000e+00	-2.7608e+03	0.0000e+00	-6.3971e+03
668	0.0000e+00	9.2971e+01	0.0000e+00	6.2196e+03	0.0000e+00	-3.2955e+03
	0.0000e+00	-1.5643e+02	0.0000e+00	2.8801e+03	0.0000e+00	-1.1608e+04
669	0.0000e+00	1.5285e+02	0.0000e+00	-2.4152e+03	0.0000e+00	-1.1222e+04
	0.0000e+00	-9.2924e+01	0.0000e+00	-5.8226e+03	0.0000e+00	-3.3258e+03
670	0.0000e+00	1.3033e+02	0.0000e+00	2.4483e+03	0.0000e+00	-6.9738e+03
	0.0000e+00	-1.5759e+02	0.0000e+00	-1.1269e+03	0.0000e+00	-1.1178e+04
671	0.0000e+00	1.1045e+02	0.0000e+00	-2.4989e+02	0.0000e+00	-6.2030e+03
	0.0000e+00	-1.1577e+02	0.0000e+00	-2.5432e+03	0.0000e+00	-7.2315e+03
672	0.0000e+00	2.8879e+02	0.0000e+00	-1.1247e+03	0.0000e+00	-2.4255e+04
	0.0000e+00	-1.4611e+02	0.0000e+00	-3.8230e+03	0.0000e+00	-6.1292e+03
673	0.0000e+00	-1.1154e+02	0.0000e+00	3.4302e+04	0.0000e+00	1.5620e+03
	0.0000e+00	-2.2533e+02	0.0000e+00	2.6254e+04	0.0000e+00	-2.4486e+04
2422	1.6653e-15	-1.6927e+00	-4.1633e-17	5.3869e+01	-3.5527e-14	2.8405e+02
	1.6653e-15	-1.6927e+00	-4.1633e-17	5.3869e+01	7.8160e-14	-3.9301e+02
2423	-5.5511e-16	3.5681e-01	-2.7062e-16	1.0753e+01	7.2831e-14	-7.2655e+01

	-5.5511e-16	3.5681e-01	-2.7062e-16	1.0753e+01	-4.4409e-14	8.4341e+01
2424	-5.5511e-16	-1.3287e-01	6.9389e-16	-1.2209e+00	6.7502e-14	3.9616e+01
	-5.5511e-16	-1.3287e-01	6.9389e-16	-1.2209e+00	9.2371e-14	2.4119e+00
2425	-6.6613e-16	-4.8691e-02	-1.1102e-16	-2.6880e+00	8.8818e-16	-3.2557e+00
	-6.6613e-16	-4.8691e-02	-1.1102e-16	-2.6880e+00	2.9754e-14	-2.4680e+01
2426	-5.5511e-16	2.1362e-01	1.2663e-16	-2.4006e+01	8.3489e-14	-3.0135e+01
	-5.5511e-16	2.1362e-01	1.2663e-16	-2.4006e+01	1.7764e-15	4.4633e+01
2427	9.9920e-16	-1.3508e-01	-1.7347e-16	2.3770e+01	2.6645e-15	3.0630e+01
	9.9920e-16	-1.3508e-01	-1.7347e-16	2.3770e+01	7.8604e-14	-1.6649e+01
2428	-1.6653e-16	9.7674e-02	7.6328e-17	3.3074e+00	3.3307e-14	-3.5219e+01
	-1.6653e-16	9.7674e-02	7.6328e-17	3.3074e+00	-1.7764e-15	7.7574e+00
2429	5.5511e-16	2.5124e-01	-4.1633e-16	-3.0355e-02	4.9738e-14	-1.4233e+01
	5.5511e-16	2.5124e-01	-4.1633e-16	-3.0355e-02	1.1369e-13	5.6116e+01
2430	-3.1086e-15	-3.0706e-01	2.7756e-17	-9.8059e+00	4.4409e-14	7.3136e+01
	-3.1086e-15	-3.0706e-01	2.7756e-17	-9.8059e+00	-1.4211e-14	-6.1969e+01
2431	1.6653e-15	1.7663e+00	1.5266e-16	-5.4961e+01	6.2172e-14	-4.0840e+02
	1.6653e-15	1.7663e+00	1.5266e-16	-5.4961e+01	-2.1316e-14	2.9813e+02
2432	4.4409e-16	-2.2899e+00	-1.5266e-16	-1.7169e+01	-1.4211e-14	3.7626e+02
	4.4409e-16	-2.2899e+00	-1.5266e-16	-1.7169e+01	5.6843e-14	-5.3970e+02
2433	0.0000e+00	1.3533e+00	-2.2204e-16	-1.6953e+01	6.2172e-14	-3.0313e+02
	0.0000e+00	1.3533e+00	-2.2204e-16	-1.6953e+01	-3.3751e-14	2.9232e+02
2434	1.7764e-15	2.2507e-01	6.9389e-17	-3.8271e+00	-9.9476e-14	2.6378e+01
	1.7764e-15	2.2507e-01	6.9389e-17	-3.8271e+00	3.5527e-14	8.9398e+01
2435	8.8818e-16	-2.3450e-01	-1.1449e-16	1.2925e+00	1.7764e-15	1.4214e+01
	8.8818e-16	-2.3450e-01	-1.1449e-16	1.2925e+00	2.9754e-14	-8.8966e+01
2436	-8.8818e-16	-3.9492e-01	-1.5266e-16	4.4938e+01	-1.4211e-14	1.9176e+01
	-8.8818e-16	-3.9492e-01	-1.5266e-16	4.4938e+01	5.6843e-14	-1.3879e+02
2437	0.0000e+00	1.1220e+00	-1.9429e-16	2.5488e+01	5.6843e-14	-2.6243e+02
	0.0000e+00	1.1220e+00	-1.9429e-16	2.5488e+01	-2.8422e-14	2.3127e+02
2438	0.0000e+00	-6.1778e-04	7.2164e-16	4.4829e+00	6.3949e-14	5.3714e+01
	0.0000e+00	-6.1778e-04	7.2164e-16	4.4829e+00	9.5923e-14	5.3541e+01
2439	8.8818e-16	-1.6237e-01	-1.7347e-16	2.3137e+00	1.4211e-14	-1.1465e-01
	8.8818e-16	-1.6237e-01	-1.7347e-16	2.3137e+00	1.6875e-14	-7.1556e+01
2440	-1.3323e-15	-4.1714e-01	1.7000e-16	-8.6321e-01	7.6383e-14	9.2482e+01
	-1.3323e-15	-4.1714e-01	1.7000e-16	-8.6321e-01	8.4377e-15	-5.3518e+01
2441	-1.3323e-15	5.9255e-01	2.4286e-17	6.9242e+00	1.0303e-13	-8.6661e+01
	-1.3323e-15	5.9255e-01	2.4286e-17	6.9242e+00	-1.9318e-14	1.2073e+02
2442	8.8818e-16	-4.9840e-01	-1.2663e-16	-6.9016e+00	-5.5511e-15	1.0363e+02
	8.8818e-16	-4.9840e-01	-1.2663e-16	-6.9016e+00	8.7041e-14	-7.0805e+01
2443	8.8818e-16	2.2987e-01	1.0755e-16	-1.5480e-01	2.8866e-14	-8.7168e+01
	8.8818e-16	2.2987e-01	1.0755e-16	-1.5480e-01	1.7764e-15	1.3975e+01
2444	8.8818e-16	6.5090e-02	-4.3021e-16	2.4243e+00	5.3291e-14	4.8422e+01
	8.8818e-16	6.5090e-02	-4.3021e-16	2.4243e+00	-1.2079e-13	6.6647e+01
2445	-4.4409e-16	-1.4048e+00	-5.5511e-17	1.8950e+01	-5.6843e-14	3.0301e+02
	-4.4409e-16	-1.4048e+00	-5.5511e-17	1.8950e+01	-2.6645e-14	-3.1511e+02
2446	-4.4409e-16	2.4202e+00	2.2204e-16	1.6402e+01	4.7962e-14	-5.6572e+02
	-4.4409e-16	2.4202e+00	2.2204e-16	1.6402e+01	-3.5527e-15	4.0235e+02
2447	-8.8818e-16	5.1685e-01	1.5613e-17	1.4160e+00	-2.8422e-14	-7.1241e+01
	-8.8818e-16	5.1685e-01	1.5613e-17	1.4160e+00	1.1102e-13	1.0966e+02
2448	8.8818e-16	2.2161e-01	7.2858e-17	-2.1329e+00	3.5083e-14	-8.4384e+01
	8.8818e-16	2.2161e-01	7.2858e-17	-2.1329e+00	-3.5527e-15	1.3124e+01

2449	0.0000e+00	1.5990e-01	-4.1633e-17	-3.6385e+00	3.5527e-15	3.1052e+01
	0.0000e+00	1.5990e-01	-4.1633e-17	-3.6385e+00	-7.1054e-14	7.5825e+01
2450	0.0000e+00	-1.0750e+00	-1.1796e-16	-2.6142e+01	-4.4409e-14	2.2051e+02
	0.0000e+00	-1.0750e+00	-1.1796e-16	-2.6142e+01	-3.9080e-14	-2.5248e+02
2451	-4.4409e-16	4.8273e-01	2.2204e-16	-4.4741e+01	4.9738e-14	-1.5721e+02
	-4.4409e-16	4.8273e-01	2.2204e-16	-4.4741e+01	-3.5527e-15	3.5879e+01
2452	-1.4211e-14	-2.5432e+01	3.4694e-18	8.7480e+01	-1.7764e-15	5.9921e+03
	-1.4211e-14	-2.5432e+01	3.4694e-18	8.7480e+01	5.5511e-16	-5.0960e+03
2453	-8.5265e-14	3.4363e+01	-2.0817e-17	-7.6711e+01	3.1086e-15	-4.3531e+03
	-8.5265e-14	3.4363e+01	-2.0817e-17	-7.6711e+01	0.0000e+00	6.0934e+03
2454	2.8422e-14	-2.6498e+01	-3.4694e-18	1.1574e+01	2.2204e-15	6.4011e+03
	2.8422e-14	-2.6498e+01	-3.4694e-18	1.1574e+01	-1.4433e-15	-5.1520e+03
2455	-1.7764e-14	4.1106e+01	-6.9389e-18	-5.5411e+01	-1.3323e-15	-5.4098e+03
	-1.7764e-14	4.1106e+01	-6.9389e-18	-5.5411e+01	8.8818e-16	7.0864e+03
2456	-2.8422e-14	-2.9529e+01	-6.9389e-18	-2.2903e+01	4.4409e-16	7.1377e+03
	-2.8422e-14	-2.9529e+01	-6.9389e-18	-2.2903e+01	1.1102e-15	-5.7371e+03
2457	-1.1013e-13	4.6572e+01	-2.0817e-17	3.8773e+01	3.1086e-15	-6.1829e+03
	-1.1013e-13	4.6572e+01	-2.0817e-17	3.8773e+01	0.0000e+00	7.9750e+03
2458	-2.6645e-14	-2.9984e+01	3.4694e-18	4.9026e+01	8.8818e-16	7.2413e+03
	-2.6645e-14	-2.9984e+01	3.4694e-18	4.9026e+01	9.9920e-16	-5.8316e+03
2459	3.0198e-14	4.7030e+01	1.3878e-17	-5.2470e+01	-2.2204e-15	-6.2383e+03
	3.0198e-14	4.7030e+01	1.3878e-17	-5.2470e+01	-1.7764e-15	8.0589e+03
2460	2.7089e-14	-2.9693e+01	3.4694e-18	-2.2728e+01	4.4409e-16	7.1669e+03
	2.7089e-14	-2.9693e+01	3.4694e-18	-2.2728e+01	1.1102e-15	-5.7791e+03
2461	1.0658e-13	4.6189e+01	0.0000e+00	4.3669e+01	3.9968e-15	-6.0909e+03
	1.0658e-13	4.6189e+01	0.0000e+00	4.3669e+01	1.7764e-15	7.9507e+03
2462	-2.5879e-15	-2.9585e+01	3.4694e-18	1.1343e+00	4.4409e-16	7.0761e+03
	-2.5879e-15	-2.9585e+01	3.4694e-18	1.1343e+00	1.1102e-16	-5.8227e+03
2463	-2.9937e-14	4.3386e+01	-2.0817e-17	8.8844e-01	-1.3323e-15	-5.5926e+03
	-2.9937e-14	4.3386e+01	-2.0817e-17	8.8844e-01	-8.8818e-16	7.5968e+03
2464	-4.9294e-14	-2.9758e+01	-1.7347e-18	2.4114e+01	-1.7764e-15	7.1806e+03
	-4.9294e-14	-2.9758e+01	-1.7347e-18	2.4114e+01	-8.8818e-16	-5.7938e+03
2465	-1.0481e-13	4.6189e+01	-6.9389e-18	-4.1835e+01	0.0000e+00	-6.0883e+03
	-1.0481e-13	4.6189e+01	-6.9389e-18	-4.1835e+01	-3.5527e-15	7.9530e+03
2466	8.8818e-15	-2.9997e+01	-8.6736e-18	-4.5977e+01	-1.7764e-15	7.2422e+03
	8.8818e-15	-2.9997e+01	-8.6736e-18	-4.5977e+01	1.1102e-16	-5.8365e+03
2467	-1.7764e-14	4.6954e+01	1.3878e-17	5.4441e+01	-2.2204e-15	-6.2260e+03
	-1.7764e-14	4.6954e+01	1.3878e-17	5.4441e+01	-1.7764e-15	8.0481e+03
2468	2.8422e-14	-2.9688e+01	8.6736e-18	2.5404e+01	-4.4409e-16	7.1705e+03
	2.8422e-14	-2.9688e+01	8.6736e-18	2.5404e+01	1.1102e-15	-5.7733e+03
2469	-8.5265e-14	4.6538e+01	-2.0817e-17	-3.6475e+01	2.2204e-15	-6.1717e+03
	-8.5265e-14	4.6538e+01	-2.0817e-17	-3.6475e+01	0.0000e+00	7.9758e+03
2470	-2.1316e-14	-2.6475e+01	3.4694e-18	-1.0260e+01	-4.4409e-16	6.3915e+03
	-2.1316e-14	-2.6475e+01	3.4694e-18	-1.0260e+01	1.1102e-15	-5.1516e+03
2471	-3.5527e-15	4.0860e+01	2.7756e-17	5.8339e+01	-3.1086e-15	-5.3728e+03
	-3.5527e-15	4.0860e+01	2.7756e-17	5.8339e+01	8.8818e-16	7.0488e+03
2472	-3.5527e-15	-2.5555e+01	-1.7347e-18	-8.4254e+01	-1.7764e-15	6.0137e+03
	-3.5527e-15	-2.5555e+01	-1.7347e-18	-8.4254e+01	-8.8818e-16	-5.1284e+03
2473	1.1013e-13	3.4098e+01	2.7756e-17	8.0450e+01	-1.3323e-15	-4.3085e+03
	1.1013e-13	3.4098e+01	2.7756e-17	8.0450e+01	-8.8818e-16	6.0574e+03
2474	1.0698e+03	-2.2472e+01	-4.4710e+00	-7.9188e-01	1.6617e+03	5.1077e+03

	1.0698e+03	-2.2472e+01	-4.4710e+00	-7.9188e-01	-2.2959e+02	-4.3980e+03
2475	5.8102e+01	-1.1222e+00	-3.5824e+00	-7.9188e-01	1.2865e+03	3.1956e+02
	5.8102e+01	-1.1222e+00	-3.5824e+00	-7.9188e-01	-2.2882e+02	-1.5513e+02
2476	6.9654e+01	-2.6406e+00	-4.1551e-01	-7.9188e-01	4.3036e+01	4.7477e+02
	6.9654e+01	-2.6406e+00	-4.1551e-01	-7.9188e-01	-1.3273e+02	-6.4219e+02
2477	1.6437e+03	-2.7922e+01	9.3589e-01	-7.9188e-01	-2.4945e+02	6.4207e+03
	1.6437e+03	-2.7922e+01	9.3589e-01	-7.9188e-01	1.4643e+02	-5.3903e+03
2478	7.5612e+01	-3.5285e+00	3.3433e-01	-7.9188e-01	-1.2803e+02	6.6716e+02
	7.5612e+01	-3.5285e+00	3.3433e-01	-7.9188e-01	1.3390e+01	-8.2538e+02
2479	7.7098e+01	-3.5025e+00	-1.6572e-01	-7.9188e-01	1.0730e+02	6.6534e+02
	7.7098e+01	-3.5025e+00	-1.6572e-01	-7.9188e-01	3.7200e+01	-8.1619e+02
2480	1.7571e+03	3.3528e+01	-2.3704e+00	-7.9188e-01	8.4139e+02	-8.3558e+03
	1.7571e+03	3.3528e+01	-2.3704e+00	-7.9188e-01	-1.6131e+02	5.8265e+03
2481	1.7234e+03	3.2902e+01	3.6159e+00	-7.9188e-01	-1.1105e+03	-8.1937e+03
	1.7234e+03	3.2902e+01	3.6159e+00	-7.9188e-01	4.1903e+02	5.7240e+03
2482	1.7586e+03	2.9514e+01	-2.9523e-01	-7.9188e-01	3.3712e+01	-7.3328e+03
	1.7586e+03	2.9514e+01	-2.9523e-01	-7.9188e-01	-9.1173e+01	5.1518e+03
2483	1.2725e+03	2.9878e+01	-7.7812e+00	-7.9188e-01	2.6727e+03	-7.5253e+03
	1.2725e+03	2.9878e+01	-7.7812e+00	-7.9188e-01	-6.1871e+02	5.1132e+03
2484	1.5643e+03	-3.2416e+01	3.1500e+00	-7.9188e-01	-9.8512e+02	7.5499e+03
	1.5643e+03	-3.2416e+01	3.1500e+00	-7.9188e-01	3.4735e+02	-6.1619e+03
2485	1.5675e+03	-3.2839e+01	-2.3493e+00	-7.9188e-01	8.0999e+02	7.6548e+03
	1.5675e+03	-3.2839e+01	-2.3493e+00	-7.9188e-01	-1.8376e+02	-6.2361e+03
2486	7.6144e+01	-3.2401e+00	1.3654e-01	-7.9188e-01	-7.6266e+01	6.0810e+02
	7.6144e+01	-3.2401e+00	1.3654e-01	-7.9188e-01	-1.8509e+01	-7.6244e+02
2487	1.7482e+03	3.3849e+01	9.3797e-02	-7.9188e-01	-2.2906e+01	-8.4817e+03
	1.7482e+03	3.3849e+01	9.3797e-02	-7.9188e-01	1.6770e+01	5.8366e+03
2488	1.7210e+03	-3.1700e+01	6.5952e-01	-7.9188e-01	-2.9267e+02	7.3214e+03
	1.7210e+03	-3.1700e+01	6.5952e-01	-7.9188e-01	-1.3692e+01	-6.0877e+03
2489	7.2622e+01	-2.6338e+00	7.7717e-02	-7.9188e-01	-1.9142e+01	5.4566e+02
	7.2622e+01	-2.6338e+00	7.7717e-02	-7.9188e-01	1.3732e+01	-5.6842e+02
2490	1.8761e+03	3.3188e+01	1.5936e+00	-7.9188e-01	-5.4228e+02	-8.2651e+03
	1.8761e+03	3.3188e+01	1.5936e+00	-7.9188e-01	1.3183e+02	5.7734e+03
2491	1.8820e+03	3.3265e+01	-1.4810e+00	-7.9188e-01	5.1421e+02	-8.2841e+03
	1.8820e+03	3.3265e+01	-1.4810e+00	-7.9188e-01	-1.1226e+02	5.7871e+03
2492	1.5318e+03	-2.8222e+01	9.0661e-02	-7.9188e-01	-2.2958e+01	6.3429e+03
	1.5318e+03	-2.8222e+01	9.0661e-02	-7.9188e-01	1.5392e+01	-5.5949e+03
2493	7.6179e+01	-3.1937e+00	8.5177e-03	-7.9188e-01	3.9474e+01	5.9895e+02
	7.6179e+01	-3.1937e+00	8.5177e-03	-7.9188e-01	4.3077e+01	-7.5198e+02
2494	1.7215e+03	-3.1682e+01	-4.9238e-01	-7.9188e-01	2.4923e+02	7.3167e+03
	1.7215e+03	-3.1682e+01	-4.9238e-01	-7.9188e-01	4.0955e+01	-6.0847e+03
2495	1.7492e+03	3.3581e+01	2.5846e+00	-7.9188e-01	-8.9272e+02	-8.3706e+03
	1.7492e+03	3.3581e+01	2.5846e+00	-7.9188e-01	2.0059e+02	5.8340e+03
2496	7.7105e+01	-3.4344e+00	3.2424e-01	-7.9188e-01	-1.4624e+02	6.5025e+02
	7.7105e+01	-3.4344e+00	3.2424e-01	-7.9188e-01	-9.0829e+00	-8.0252e+02
2497	1.5670e+03	-3.2778e+01	2.5302e+00	-7.9188e-01	-8.5588e+02	7.6406e+03
	1.5670e+03	-3.2778e+01	2.5302e+00	-7.9188e-01	2.1440e+02	-6.2245e+03
2498	1.7384e+03	3.3084e+01	-3.4558e+00	-7.9188e-01	1.0729e+03	-8.2376e+03
	1.7384e+03	3.3084e+01	-3.4558e+00	-7.9188e-01	-3.8890e+02	5.7568e+03
2499	7.5667e+01	-3.3939e+00	-1.7768e-01	-7.9188e-01	8.9301e+01	6.4006e+02
	7.5667e+01	-3.3939e+00	-1.7768e-01	-7.9188e-01	1.4142e+01	-7.9557e+02

2500	1.5654e+03	-3.2342e+01	-2.9850e+00	-7.9188e-01	9.4288e+02	7.5315e+03
	1.5654e+03	-3.2342e+01	-2.9850e+00	-7.9188e-01	-3.1979e+02	-6.1492e+03
2501	1.7477e+03	2.9532e+01	3.9480e-01	-7.9188e-01	-5.8738e+01	-7.3379e+03
	1.7477e+03	2.9532e+01	3.9480e-01	-7.9188e-01	1.0826e+02	5.1541e+03
2502	6.9409e+01	-2.4923e+00	5.5764e-01	-7.9188e-01	-7.9483e+01	4.4211e+02
	6.9409e+01	-2.4923e+00	5.5764e-01	-7.9188e-01	1.5640e+02	-6.1212e+02
2503	1.6393e+03	-2.7733e+01	-7.9789e-01	-7.9188e-01	2.1202e+02	6.3771e+03
	1.6393e+03	-2.7733e+01	-7.9789e-01	-7.9188e-01	-1.2548e+02	-5.3542e+03
2504	1.2768e+03	3.0053e+01	7.9982e+00	-7.9188e-01	-2.7308e+03	-7.5677e+03
	1.2768e+03	3.0053e+01	7.9982e+00	-7.9188e-01	6.5245e+02	5.1448e+03
2505	5.7887e+01	-8.4869e-01	3.6916e+00	-7.9188e-01	-1.3179e+03	2.6040e+02
	5.7887e+01	-8.4869e-01	3.6916e+00	-7.9188e-01	2.4370e+02	-9.8596e+01
2506	1.0647e+03	-2.2239e+01	4.5484e+00	-7.9188e-01	-1.6874e+03	5.0537e+03
	1.0647e+03	-2.2239e+01	4.5484e+00	-7.9188e-01	2.3655e+02	-4.3532e+03
2530	0.0000e+00	5.3771e+00	0.0000e+00	-2.3894e+02	0.0000e+00	-1.8211e+03
	0.0000e+00	5.3771e+00	0.0000e+00	-2.3894e+02	0.0000e+00	-1.5792e+03
	0.0000e+00	2.2264e+01	0.0000e+00	-1.2174e+03	0.0000e+00	-6.5431e+03
	0.0000e+00	2.2264e+01	0.0000e+00	-1.2174e+03	0.0000e+00	1.2270e+03
2531	0.0000e+00	1.0964e+00	0.0000e+00	-1.6378e+01	0.0000e+00	-1.2011e+03
	0.0000e+00	1.0964e+00	0.0000e+00	-1.6378e+01	0.0000e+00	-1.1517e+03
	0.0000e+00	2.5437e+01	0.0000e+00	-2.6014e+01	0.0000e+00	-5.5287e+03
	0.0000e+00	2.5437e+01	0.0000e+00	-2.6014e+01	0.0000e+00	3.3487e+03
2532	0.0000e+00	-3.2861e+00	0.0000e+00	-1.9494e+02	0.0000e+00	-1.4399e+03
	0.0000e+00	-3.2861e+00	0.0000e+00	-1.9494e+02	0.0000e+00	-1.5878e+03
	0.0000e+00	3.3610e+01	0.0000e+00	2.1873e+02	0.0000e+00	-7.1941e+03
	0.0000e+00	3.3610e+01	0.0000e+00	2.1873e+02	0.0000e+00	4.5358e+03
2533	0.0000e+00	-3.6694e+00	0.0000e+00	1.4638e+02	0.0000e+00	-1.4428e+03
	0.0000e+00	-3.6694e+00	0.0000e+00	1.4638e+02	0.0000e+00	-1.6079e+03
	0.0000e+00	3.3730e+01	0.0000e+00	-1.5225e+02	0.0000e+00	-7.2882e+03
	0.0000e+00	3.3730e+01	0.0000e+00	-1.5225e+02	0.0000e+00	4.4837e+03
2534	0.0000e+00	-6.9142e-01	0.0000e+00	-9.4841e+01	0.0000e+00	-1.4745e+03
	0.0000e+00	-6.9142e-01	0.0000e+00	-9.4841e+01	0.0000e+00	-1.5056e+03
	0.0000e+00	3.2766e+01	0.0000e+00	1.0915e+02	0.0000e+00	-7.0726e+03
	0.0000e+00	3.2766e+01	0.0000e+00	1.0915e+02	0.0000e+00	4.3627e+03
2535	0.0000e+00	-2.9972e+00	0.0000e+00	1.0441e+00	0.0000e+00	-1.4514e+03
	0.0000e+00	-2.9972e+00	0.0000e+00	1.0441e+00	0.0000e+00	-1.5863e+03
	0.0000e+00	3.2697e+01	0.0000e+00	-2.8272e+00	0.0000e+00	-7.2877e+03
	0.0000e+00	3.2697e+01	0.0000e+00	-2.8272e+00	0.0000e+00	4.1235e+03
2536	0.0000e+00	-7.7283e-01	0.0000e+00	9.4889e+01	0.0000e+00	-1.4723e+03
	0.0000e+00	-7.7283e-01	0.0000e+00	9.4889e+01	0.0000e+00	-1.5071e+03
	0.0000e+00	3.2913e+01	0.0000e+00	-1.0647e+02	0.0000e+00	-7.0766e+03
	0.0000e+00	3.2913e+01	0.0000e+00	-1.0647e+02	0.0000e+00	4.4100e+03
2537	0.0000e+00	-3.5653e+00	0.0000e+00	-1.4457e+02	0.0000e+00	-1.4490e+03
	0.0000e+00	-3.5653e+00	0.0000e+00	-1.4457e+02	0.0000e+00	-1.6095e+03
	0.0000e+00	3.3794e+01	0.0000e+00	1.4332e+02	0.0000e+00	-7.2988e+03
	0.0000e+00	3.3794e+01	0.0000e+00	1.4332e+02	0.0000e+00	4.4952e+03
2538	0.0000e+00	-3.4606e+00	0.0000e+00	1.9470e+02	0.0000e+00	-1.4330e+03
	0.0000e+00	-3.4606e+00	0.0000e+00	1.9470e+02	0.0000e+00	-1.5888e+03
	0.0000e+00	3.3821e+01	0.0000e+00	-2.2109e+02	0.0000e+00	-7.1918e+03
	0.0000e+00	3.3821e+01	0.0000e+00	-2.2109e+02	0.0000e+00	4.6118e+03
2539	0.0000e+00	1.2855e+00	0.0000e+00	1.5281e+01	0.0000e+00	-1.2077e+03

	0.0000e+00	1.2855e+00	0.0000e+00	1.5281e+01	0.0000e+00	-1.1499e+03
	0.0000e+00	2.5199e+01	0.0000e+00	2.9410e+01	0.0000e+00	-5.5248e+03
	0.0000e+00	2.5199e+01	0.0000e+00	2.9410e+01	0.0000e+00	3.2696e+03
2540	0.0000e+00	5.3433e+00	0.0000e+00	2.3871e+02	0.0000e+00	-1.8059e+03
	0.0000e+00	5.3433e+00	0.0000e+00	2.3871e+02	0.0000e+00	-1.5655e+03
	0.0000e+00	2.1828e+01	0.0000e+00	1.2076e+03	0.0000e+00	-6.4881e+03
	0.0000e+00	2.1828e+01	0.0000e+00	1.2076e+03	0.0000e+00	1.1300e+03

Condizione "(1) V-x"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	1.8483e+02	0.0000e+00	-3.2263e-01	0.0000e+00	-1.2744e+04
	0.0000e+00	1.8483e+02	0.0000e+00	-3.2263e-01	0.0000e+00	2.1819e+04
630	0.0000e+00	1.3465e+02	0.0000e+00	7.6746e+01	0.0000e+00	-8.1325e+03
	0.0000e+00	1.3465e+02	0.0000e+00	7.6746e+01	0.0000e+00	1.7047e+04
631	0.0000e+00	1.3293e+02	0.0000e+00	-4.6528e+01	0.0000e+00	-8.0066e+03
	0.0000e+00	1.3293e+02	0.0000e+00	-4.6528e+01	0.0000e+00	1.6851e+04
632	2.0585e+02	-4.1775e+02	-2.1327e+00	-2.4996e+01	2.8247e+02	5.1384e+04
	2.0585e+02	-4.1775e+02	-2.1327e+00	-2.4996e+01	2.0147e+01	5.8208e-11
633	-7.4296e+02	3.6750e+02	-2.1398e+00	-7.3156e+00	2.6910e+02	-4.5203e+04
	-7.4296e+02	3.6750e+02	-2.1398e+00	-7.3156e+00	5.8966e+00	0.0000e+00
634	-3.7337e+02	4.1939e+01	-1.2650e+00	-1.2835e+00	1.5663e+02	-5.1585e+03
	-3.7337e+02	4.1939e+01	-1.2650e+00	-1.2835e+00	1.0345e+00	-7.2760e-12
635	-3.1684e+02	-2.2042e+01	-7.2860e-01	3.4724e+00	8.6819e+01	2.7112e+03
	-3.1684e+02	-2.2042e+01	-7.2860e-01	3.4724e+00	-2.7989e+00	0.0000e+00
636	-4.4255e+02	8.3025e+01	-1.9295e-01	7.5108e+00	1.7679e+01	-1.0212e+04
	-4.4255e+02	8.3025e+01	-1.9295e-01	7.5108e+00	-6.0540e+00	0.0000e+00
637	-2.3855e+02	-1.0025e+02	2.6928e-01	1.1907e+01	-4.2719e+01	1.2331e+04
	-2.3855e+02	-1.0025e+02	2.6928e-01	1.1907e+01	-9.5972e+00	-1.4552e-11
638	-4.3238e+02	7.1539e+01	7.1453e-01	1.6183e+01	-1.0093e+02	-8.7993e+03
	-4.3238e+02	7.1539e+01	7.1453e-01	1.6183e+01	-1.3044e+01	2.9104e-11
639	-3.3069e+02	-6.4290e+00	1.1996e+00	2.0564e+01	-1.6413e+02	7.9077e+02
	-3.3069e+02	-6.4290e+00	1.1996e+00	2.0564e+01	-1.6576e+01	0.0000e+00
640	-3.4717e+02	1.2188e+01	1.6680e+00	2.5497e+01	-2.2572e+02	-1.4991e+03
	-3.4717e+02	1.2188e+01	1.6680e+00	2.5497e+01	-2.0552e+01	1.4552e-11
641	-7.6094e+02	3.8900e+02	2.3805e+00	3.2224e+01	-3.1878e+02	-4.7847e+04
	-7.6094e+02	3.8900e+02	2.3805e+00	3.2224e+01	-2.5974e+01	0.0000e+00
642	2.0834e+02	-4.1872e+02	4.1288e+00	3.5501e+01	-5.3646e+02	5.1503e+04
	2.0834e+02	-4.1872e+02	4.1288e+00	3.5501e+01	-2.8615e+01	5.8208e-11
654	0.0000e+00	-2.1827e+02	0.0000e+00	-4.0181e+03	0.0000e+00	1.4448e+04
	0.0000e+00	1.8240e+02	0.0000e+00	-8.1325e+03	0.0000e+00	-7.6746e+01
655	0.0000e+00	-1.4834e+02	0.0000e+00	-1.0687e+03	0.0000e+00	7.8505e+03
	0.0000e+00	1.9243e+02	0.0000e+00	-4.0181e+03	0.0000e+00	1.4448e+04
656	0.0000e+00	-1.2585e+02	0.0000e+00	5.0667e+02	0.0000e+00	8.2158e+03
	0.0000e+00	1.2431e+02	0.0000e+00	-1.0687e+03	0.0000e+00	7.8505e+03
657	0.0000e+00	-1.4714e+02	0.0000e+00	3.2598e+03	0.0000e+00	8.3343e+03
	0.0000e+00	1.4469e+02	0.0000e+00	5.0667e+02	0.0000e+00	8.2158e+03
658	0.0000e+00	-2.2204e+02	0.0000e+00	6.3641e+03	0.0000e+00	1.5343e+04
	0.0000e+00	1.5291e+02	0.0000e+00	3.2598e+03	0.0000e+00	8.3343e+03
659	0.0000e+00	-1.5269e+02	0.0000e+00	-3.2775e+03	0.0000e+00	8.3115e+03
	0.0000e+00	2.2203e+02	0.0000e+00	-6.3797e+03	0.0000e+00	1.5343e+04
660	0.0000e+00	-1.4495e+02	0.0000e+00	-5.3375e+02	0.0000e+00	8.2537e+03
	0.0000e+00	1.4693e+02	0.0000e+00	-3.2775e+03	0.0000e+00	8.3115e+03

661	0.0000e+00	-1.2375e+02	0.0000e+00	1.0301e+03	0.0000e+00	7.7842e+03
	0.0000e+00	1.2619e+02	0.0000e+00	-5.3375e+02	0.0000e+00	8.2537e+03
662	0.0000e+00	-1.9447e+02	0.0000e+00	3.9471e+03	0.0000e+00	1.4627e+04
	0.0000e+00	1.4808e+02	0.0000e+00	1.0301e+03	0.0000e+00	7.7842e+03
663	0.0000e+00	-1.8636e+02	0.0000e+00	8.0066e+03	0.0000e+00	-4.6528e+01
	0.0000e+00	2.2139e+02	0.0000e+00	3.9471e+03	0.0000e+00	1.4627e+04
664	0.0000e+00	-3.4104e+02	0.0000e+00	4.0283e+04	0.0000e+00	3.7072e+04
	0.0000e+00	-1.7186e+02	0.0000e+00	5.3143e+04	0.0000e+00	-2.1629e+03
665	0.0000e+00	-2.3976e+02	0.0000e+00	-4.0181e+03	0.0000e+00	1.0968e+04
	0.0000e+00	4.4116e+02	0.0000e+00	1.7169e+02	0.0000e+00	3.6757e+04
666	0.0000e+00	-1.7248e+02	0.0000e+00	-5.4120e+03	0.0000e+00	1.0271e+04
	0.0000e+00	1.8627e+02	0.0000e+00	-1.9953e+03	0.0000e+00	1.1155e+04
667	0.0000e+00	-2.5022e+02	0.0000e+00	-1.1397e+03	0.0000e+00	1.7927e+04
	0.0000e+00	1.9698e+02	0.0000e+00	4.2989e+03	0.0000e+00	9.9612e+03
668	0.0000e+00	-1.4477e+02	0.0000e+00	-9.6849e+03	0.0000e+00	5.1316e+03
	0.0000e+00	2.4358e+02	0.0000e+00	-4.4847e+03	0.0000e+00	1.8075e+04
669	0.0000e+00	-2.3801e+02	0.0000e+00	3.7608e+03	0.0000e+00	1.7475e+04
	0.0000e+00	1.4470e+02	0.0000e+00	9.0666e+03	0.0000e+00	5.1787e+03
670	0.0000e+00	-2.0294e+02	0.0000e+00	-3.8124e+03	0.0000e+00	1.0859e+04
	0.0000e+00	2.4540e+02	0.0000e+00	1.7548e+03	0.0000e+00	1.7406e+04
671	0.0000e+00	-1.7199e+02	0.0000e+00	3.8912e+02	0.0000e+00	9.6589e+03
	0.0000e+00	1.8027e+02	0.0000e+00	3.9601e+03	0.0000e+00	1.1260e+04
672	0.0000e+00	-4.4969e+02	0.0000e+00	1.7513e+03	0.0000e+00	3.7768e+04
	0.0000e+00	2.2751e+02	0.0000e+00	5.9529e+03	0.0000e+00	9.5440e+03
673	0.0000e+00	1.7368e+02	0.0000e+00	-5.3413e+04	0.0000e+00	-2.4322e+03
	0.0000e+00	3.5086e+02	0.0000e+00	-4.0881e+04	0.0000e+00	3.8128e+04
2422	-9.9920e-16	2.6357e+00	5.5511e-17	-8.3882e+01	7.1054e-15	-4.4231e+02
	-9.9920e-16	2.6357e+00	5.5511e-17	-8.3882e+01	-9.9476e-14	6.1198e+02
2423	-6.6613e-16	-5.5560e-01	4.1633e-16	-1.6744e+01	3.1974e-14	1.1313e+02
	-6.6613e-16	-5.5560e-01	4.1633e-16	-1.6744e+01	6.2172e-14	-1.3133e+02
2424	-1.9984e-15	2.0690e-01	-2.0262e-15	1.9012e+00	3.5527e-14	-6.1688e+01
	-1.9984e-15	2.0690e-01	-2.0262e-15	1.9012e+00	-1.0303e-13	-3.7557e+00
2425	1.1102e-15	7.5819e-02	-3.7817e-16	4.1857e+00	5.6843e-14	5.0696e+00
	1.1102e-15	7.5819e-02	-3.7817e-16	4.1857e+00	3.1974e-14	3.8430e+01
2426	8.8818e-16	-3.3264e-01	-1.0061e-16	3.7380e+01	-1.2434e-14	4.6925e+01
	8.8818e-16	-3.3264e-01	-1.0061e-16	3.7380e+01	4.4409e-16	-6.9500e+01
2427	1.9984e-15	2.1034e-01	1.7347e-16	-3.7014e+01	-1.3323e-15	-4.7695e+01
	1.9984e-15	2.1034e-01	1.7347e-16	-3.7014e+01	-5.3291e-15	2.5925e+01
2428	-4.4409e-16	-1.5209e-01	4.2674e-16	-5.1501e+00	-8.7041e-14	5.4841e+01
	-4.4409e-16	-1.5209e-01	4.2674e-16	-5.1501e+00	6.1284e-14	-1.2079e+01
2429	8.8818e-16	-3.9122e-01	1.5821e-15	4.7267e-02	-3.1974e-14	2.2162e+01
	8.8818e-16	-3.9122e-01	1.5821e-15	4.7267e-02	-3.5527e-14	-8.7380e+01
2430	2.2204e-16	4.7813e-01	1.5266e-16	1.5269e+01	-1.2434e-14	-1.1388e+02
	2.2204e-16	4.7813e-01	1.5266e-16	1.5269e+01	-1.0658e-14	9.6495e+01
2431	1.1102e-16	-2.7504e+00	-2.0817e-16	8.5582e+01	-7.1054e-14	6.3594e+02
	1.1102e-16	-2.7504e+00	-2.0817e-16	8.5582e+01	-2.1316e-14	-4.6423e+02
2432	-1.7764e-15	3.5657e+00	2.2204e-16	2.6734e+01	-2.8422e-14	-5.8590e+02
	-1.7764e-15	3.5657e+00	2.2204e-16	2.6734e+01	-6.3949e-14	8.4039e+02
2433	-8.8818e-16	-2.1073e+00	3.4694e-16	2.6399e+01	4.6185e-14	4.7202e+02
	-8.8818e-16	-2.1073e+00	3.4694e-16	2.6399e+01	4.2633e-14	-4.5519e+02
2434	-3.5527e-15	-3.5047e-01	-1.0547e-15	5.9593e+00	-5.6843e-14	-4.1074e+01

-3.5527e-15 -3.5047e-01 -1.0547e-15 5.9593e+00 -1.4211e-14 -1.3921e+02

2435 -8.8818e-16 3.6515e-01 -3.7123e-16 -2.0125e+00 5.6843e-14 -2.2133e+01
-8.8818e-16 3.6515e-01 -3.7123e-16 -2.0125e+00 3.2863e-14 1.3853e+02

2436 8.8818e-16 6.1495e-01 2.2204e-16 -6.9974e+01 -2.8422e-14 -2.9860e+01
8.8818e-16 6.1495e-01 2.2204e-16 -6.9974e+01 -6.3949e-14 2.1612e+02

2437 0.0000e+00 -1.7472e+00 3.0531e-16 -3.9689e+01 5.6843e-14 4.0864e+02
0.0000e+00 -1.7472e+00 3.0531e-16 -3.9689e+01 3.7303e-14 -3.6012e+02

2438 -8.8818e-16 9.6197e-04 -2.0817e-15 -6.9805e+00 4.2633e-14 -8.3640e+01
-8.8818e-16 9.6197e-04 -2.0817e-15 -6.9805e+00 -1.1013e-13 -8.3371e+01

2439 0.0000e+00 2.5283e-01 -2.7756e-16 -3.6028e+00 3.6415e-14 1.7853e-01
0.0000e+00 2.5283e-01 -2.7756e-16 -3.6028e+00 5.2403e-14 1.1142e+02

2440 -3.5527e-15 6.4955e-01 -1.7000e-16 1.3441e+00 -1.7764e-15 -1.4401e+02
-3.5527e-15 6.4955e-01 -1.7000e-16 1.3441e+00 -1.0214e-14 8.3335e+01

2441 -1.7764e-15 -9.2269e-01 5.8981e-17 -1.0782e+01 -4.2633e-14 1.3494e+02
-1.7764e-15 -9.2269e-01 5.8981e-17 -1.0782e+01 3.3307e-14 -1.8800e+02

2442 -1.7764e-15 7.7608e-01 1.0061e-16 1.0747e+01 1.1546e-14 -1.6137e+02
-1.7764e-15 7.7608e-01 1.0061e-16 1.0747e+01 -1.8652e-14 1.1025e+02

2443 -8.8818e-16 -3.5794e-01 3.8164e-16 2.4105e-01 -7.9936e-14 1.3573e+02
-8.8818e-16 -3.5794e-01 3.8164e-16 2.4105e-01 5.5067e-14 -2.1761e+01

2444 -1.7764e-15 -1.0135e-01 1.5821e-15 -3.7750e+00 -4.2633e-14 -7.5400e+01
-1.7764e-15 -1.0135e-01 1.5821e-15 -3.7750e+00 -2.4869e-14 -1.0378e+02

2445 0.0000e+00 2.1875e+00 2.7756e-16 -2.9508e+01 -3.1974e-14 -4.7183e+02
0.0000e+00 2.1875e+00 2.7756e-16 -2.9508e+01 1.0658e-14 4.9067e+02

2446 0.0000e+00 -3.7686e+00 -3.1919e-16 -2.5541e+01 -4.9738e-14 8.8091e+02
0.0000e+00 -3.7686e+00 -3.1919e-16 -2.5541e+01 -4.2633e-14 -6.2651e+02

2447 -2.6645e-15 -8.0480e-01 -1.1796e-16 -2.2048e+00 4.7073e-14 1.1093e+02
-2.6645e-15 -8.0480e-01 -1.1796e-16 -2.2048e+00 -5.5067e-14 -1.7075e+02

2448 8.8818e-16 -3.4508e-01 4.3368e-16 3.3212e+00 -8.8818e-14 1.3140e+02
8.8818e-16 -3.4508e-01 4.3368e-16 3.3212e+00 6.4837e-14 -2.0436e+01

2449 -8.8818e-16 -2.4899e-01 9.7145e-16 5.6656e+00 3.5527e-14 -4.8352e+01
-8.8818e-16 -2.4899e-01 9.7145e-16 5.6656e+00 -1.0303e-13 -1.1807e+02

2450 -8.8818e-16 1.6739e+00 3.7470e-16 4.0706e+01 -4.9738e-14 -3.4337e+02
-8.8818e-16 1.6739e+00 3.7470e-16 4.0706e+01 2.8422e-14 3.9315e+02

2451 -8.8818e-16 -7.5168e-01 -3.1919e-16 6.9669e+01 -5.3291e-14 2.4480e+02
-8.8818e-16 -7.5168e-01 -3.1919e-16 6.9669e+01 -4.2633e-14 -5.5868e+01

2452 -1.1369e-13 3.9601e+01 -1.0408e-17 -1.3622e+02 2.6645e-15 -9.3306e+03
-1.1369e-13 3.9601e+01 -1.0408e-17 -1.3622e+02 2.6645e-15 7.9352e+03

2453 -8.5265e-14 -5.3509e+01 4.1633e-17 1.1945e+02 -3.5527e-15 6.7784e+03
-8.5265e-14 -5.3509e+01 4.1633e-17 1.1945e+02 7.1054e-15 -9.4883e+03

2454 7.8160e-14 4.1261e+01 -8.6736e-18 -1.8023e+01 -1.7764e-15 -9.9675e+03
7.8160e-14 4.1261e+01 -8.6736e-18 -1.8023e+01 1.9984e-15 8.0224e+03

2455 -2.0606e-13 -6.4008e+01 -2.0817e-17 8.6284e+01 -3.5527e-15 8.4238e+03
-2.0606e-13 -6.4008e+01 -2.0817e-17 8.6284e+01 1.7764e-15 -1.1035e+04

2456 -3.1974e-14 4.5981e+01 1.0408e-17 3.5664e+01 -2.6645e-15 -1.1114e+04
-3.1974e-14 4.5981e+01 1.0408e-17 3.5664e+01 1.9984e-15 8.9335e+03

2457 1.1369e-13 -7.2519e+01 4.1633e-17 -6.0376e+01 -3.5527e-15 9.6276e+03
1.1369e-13 -7.2519e+01 4.1633e-17 -6.0376e+01 7.1054e-15 -1.2418e+04

2458 1.1902e-13 4.6689e+01 5.2042e-18 -7.6341e+01 0.0000e+00 -1.1276e+04
1.1902e-13 4.6689e+01 5.2042e-18 -7.6341e+01 -1.1102e-15 9.0807e+03

2459 3.1974e-14 -7.3233e+01 -1.3878e-17 8.1703e+01 4.4409e-15 9.7139e+03
3.1974e-14 -7.3233e+01 -1.3878e-17 8.1703e+01 -1.7764e-15 -1.2549e+04

2460	1.0658e-14	4.6236e+01	-1.0408e-17	3.5391e+01	4.4409e-15	-1.1160e+04
	1.0658e-14	4.6236e+01	-1.0408e-17	3.5391e+01	1.9984e-15	8.9988e+03
2461	-8.8818e-15	-7.1923e+01	-5.5511e-17	-6.7999e+01	2.6645e-15	9.4843e+03
	-8.8818e-15	-7.1923e+01	-5.5511e-17	-6.7999e+01	-3.5527e-15	-1.2380e+04
2462	4.0297e-15	4.6067e+01	6.9389e-18	-1.7663e+00	8.8818e-16	-1.1019e+04
	4.0297e-15	4.6067e+01	6.9389e-18	-1.7663e+00	-4.4409e-16	9.0668e+03
2463	4.6616e-14	-6.7558e+01	6.9389e-18	-1.3834e+00	-3.5527e-15	8.7085e+03
	4.6616e-14	-6.7558e+01	6.9389e-18	-1.3834e+00	3.5527e-15	-1.1829e+04
2464	2.3981e-14	4.6337e+01	-1.0408e-17	-3.7550e+01	-8.8818e-16	-1.1181e+04
	2.3981e-14	4.6337e+01	-1.0408e-17	-3.7550e+01	1.1102e-15	9.0218e+03
2465	7.1054e-15	-7.1922e+01	4.8572e-17	6.5144e+01	-1.7764e-15	9.4803e+03
	7.1054e-15	-7.1922e+01	4.8572e-17	6.5144e+01	5.3291e-15	-1.2384e+04
2466	-9.0594e-14	4.6710e+01	-6.9389e-18	7.1593e+01	8.8818e-16	-1.1277e+04
	-9.0594e-14	4.6710e+01	-6.9389e-18	7.1593e+01	-1.9984e-15	9.0883e+03
2467	-5.3291e-14	-7.3114e+01	-1.3878e-17	-8.4772e+01	4.4409e-15	9.6948e+03
	-5.3291e-14	-7.3114e+01	-1.3878e-17	-8.4772e+01	-1.7764e-15	-1.2532e+04
2468	3.9080e-14	4.6228e+01	1.7347e-18	-3.9558e+01	2.6645e-15	-1.1165e+04
	3.9080e-14	4.6228e+01	1.7347e-18	-3.9558e+01	-1.9984e-15	8.9899e+03
2469	-1.6342e-13	-7.2466e+01	-1.3878e-17	5.6797e+01	4.4409e-15	9.6102e+03
	-1.6342e-13	-7.2466e+01	-1.3878e-17	5.6797e+01	0.0000e+00	-1.2419e+04
2470	-8.8818e-14	4.1225e+01	-5.2042e-18	1.5976e+01	-1.7764e-15	-9.9525e+03
	-8.8818e-14	4.1225e+01	-5.2042e-18	1.5976e+01	1.9984e-15	8.0217e+03
2471	-2.1316e-13	-6.3625e+01	1.3878e-17	-9.0842e+01	0.0000e+00	8.3662e+03
	-2.1316e-13	-6.3625e+01	1.3878e-17	-9.0842e+01	1.7764e-15	-1.0976e+04
2472	-8.5265e-14	3.9793e+01	-1.0408e-17	1.3120e+02	-8.8818e-16	-9.3642e+03
	-8.5265e-14	3.9793e+01	-1.0408e-17	1.3120e+02	1.1102e-15	7.9857e+03
2473	4.9738e-14	-5.3096e+01	4.8572e-17	-1.2527e+02	6.2172e-15	6.7089e+03
	4.9738e-14	-5.3096e+01	4.8572e-17	-1.2527e+02	-5.3291e-15	-9.4322e+03
2474	-1.6658e+03	3.4992e+01	6.9621e+00	1.2331e+00	-2.5875e+03	-7.9534e+03
	-1.6658e+03	3.4992e+01	6.9621e+00	1.2331e+00	3.5750e+02	6.8483e+03
2475	-9.0473e+01	1.7474e+00	5.5783e+00	1.2331e+00	-2.0033e+03	-4.9761e+02
	-9.0473e+01	1.7474e+00	5.5783e+00	1.2331e+00	3.5631e+02	2.4155e+02
2476	-1.0846e+02	4.1117e+00	6.4702e-01	1.2331e+00	-6.7013e+01	-7.3929e+02
	-1.0846e+02	4.1117e+00	6.4702e-01	1.2331e+00	2.0667e+02	9.9997e+02
2477	-2.5595e+03	4.3479e+01	-1.4573e+00	1.2331e+00	3.8843e+02	-9.9980e+03
	-2.5595e+03	4.3479e+01	-1.4573e+00	1.2331e+00	-2.2801e+02	8.3935e+03
2478	-1.1774e+02	5.4943e+00	-5.2060e-01	1.2331e+00	1.9936e+02	-1.0389e+03
	-1.1774e+02	5.4943e+00	-5.2060e-01	1.2331e+00	-2.0850e+01	1.2852e+03
2479	-1.2005e+02	5.4538e+00	2.5805e-01	1.2331e+00	-1.6708e+02	-1.0360e+03
	-1.2005e+02	5.4538e+00	2.5805e-01	1.2331e+00	-5.7926e+01	1.2709e+03
2480	-2.7361e+03	-5.2208e+01	3.6911e+00	1.2331e+00	-1.3102e+03	1.3011e+04
	-2.7361e+03	-5.2208e+01	3.6911e+00	1.2331e+00	2.5118e+02	-9.0727e+03
2481	-2.6836e+03	-5.1234e+01	-5.6305e+00	1.2331e+00	1.7292e+03	1.2759e+04
	-2.6836e+03	-5.1234e+01	-5.6305e+00	1.2331e+00	-6.5248e+02	-8.9131e+03
2482	-2.7384e+03	-4.5958e+01	4.5972e-01	1.2331e+00	-5.2494e+01	1.1418e+04
	-2.7384e+03	-4.5958e+01	4.5972e-01	1.2331e+00	1.4197e+02	-8.0221e+03
2483	-1.9815e+03	-4.6525e+01	1.2116e+01	1.2331e+00	-4.1618e+03	1.1718e+04
	-1.9815e+03	-4.6525e+01	1.2116e+01	1.2331e+00	9.6343e+02	-7.9620e+03
2484	-2.4358e+03	5.0476e+01	-4.9051e+00	1.2331e+00	1.5340e+03	-1.1756e+04
	-2.4358e+03	5.0476e+01	-4.9051e+00	1.2331e+00	-5.4088e+02	9.5949e+03
2485	-2.4409e+03	5.1135e+01	3.6582e+00	1.2331e+00	-1.2613e+03	-1.1920e+04

	-2.4409e+03	5.1135e+01	3.6582e+00	1.2331e+00	2.8615e+02	9.7106e+03
2486	-1.1857e+02	5.0452e+00	-2.1261e-01	1.2331e+00	1.1876e+02	-9.4690e+02
	-1.1857e+02	5.0452e+00	-2.1261e-01	1.2331e+00	2.8821e+01	1.1872e+03
2487	-2.7222e+03	-5.2708e+01	-1.4606e-01	1.2331e+00	3.5668e+01	1.3207e+04
	-2.7222e+03	-5.2708e+01	-1.4606e-01	1.2331e+00	-2.6113e+01	-9.0884e+03
2488	-2.6799e+03	4.9361e+01	-1.0270e+00	1.2331e+00	4.5573e+02	-1.1400e+04
	-2.6799e+03	4.9361e+01	-1.0270e+00	1.2331e+00	2.1320e+01	9.4794e+03
2489	-1.1308e+02	4.1011e+00	-1.2102e-01	1.2331e+00	2.9807e+01	-8.4966e+02
	-1.1308e+02	4.1011e+00	-1.2102e-01	1.2331e+00	-2.1383e+01	8.8512e+02
2490	-2.9214e+03	-5.1678e+01	-2.4815e+00	1.2331e+00	8.4440e+02	1.2870e+04
	-2.9214e+03	-5.1678e+01	-2.4815e+00	1.2331e+00	-2.0527e+02	-8.9900e+03
2491	-2.9305e+03	-5.1799e+01	2.3061e+00	1.2331e+00	-8.0069e+02	1.2900e+04
	-2.9305e+03	-5.1799e+01	2.3061e+00	1.2331e+00	1.7480e+02	-9.0113e+03
2492	-2.3852e+03	4.3945e+01	-1.4117e-01	1.2331e+00	3.5748e+01	-9.8768e+03
	-2.3852e+03	4.3945e+01	-1.4117e-01	1.2331e+00	-2.3968e+01	8.7120e+03
2493	-1.1862e+02	4.9730e+00	-1.3263e-02	1.2331e+00	-6.1467e+01	-9.3265e+02
	-1.1862e+02	4.9730e+00	-1.3263e-02	1.2331e+00	-6.7077e+01	1.1709e+03
2494	-2.6806e+03	4.9333e+01	7.6671e-01	1.2331e+00	-3.8809e+02	-1.1393e+04
	-2.6806e+03	4.9333e+01	7.6671e-01	1.2331e+00	-6.3773e+01	9.4748e+03
2495	-2.7238e+03	-5.2290e+01	-4.0247e+00	1.2331e+00	1.3901e+03	1.3034e+04
	-2.7238e+03	-5.2290e+01	-4.0247e+00	1.2331e+00	-3.1234e+02	-9.0843e+03
2496	-1.2006e+02	5.3479e+00	-5.0489e-01	1.2331e+00	2.2771e+02	-1.0125e+03
	-1.2006e+02	5.3479e+00	-5.0489e-01	1.2331e+00	1.4143e+01	1.2496e+03
2497	-2.4400e+03	5.1040e+01	-3.9399e+00	1.2331e+00	1.3327e+03	-1.1897e+04
	-2.4400e+03	5.1040e+01	-3.9399e+00	1.2331e+00	-3.3386e+02	9.6924e+03
2498	-2.7070e+03	-5.1516e+01	5.3811e+00	1.2331e+00	-1.6706e+03	1.2827e+04
	-2.7070e+03	-5.1516e+01	5.3811e+00	1.2331e+00	6.0558e+02	-8.9641e+03
2499	-1.1782e+02	5.2848e+00	2.7667e-01	1.2331e+00	-1.3905e+02	-9.9667e+02
	-1.1782e+02	5.2848e+00	2.7667e-01	1.2331e+00	-2.2022e+01	1.2388e+03
2500	-2.4375e+03	5.0361e+01	4.6481e+00	1.2331e+00	-1.4682e+03	-1.1728e+04
	-2.4375e+03	5.0361e+01	4.6481e+00	1.2331e+00	4.9795e+02	9.5752e+03
2501	-2.7215e+03	-4.5986e+01	-6.1476e-01	1.2331e+00	9.1464e+01	1.1426e+04
	-2.7215e+03	-4.5986e+01	-6.1476e-01	1.2331e+00	-1.6858e+02	-8.0257e+03
2502	-1.0808e+02	3.8808e+00	-8.6832e-01	1.2331e+00	1.2377e+02	-6.8842e+02
	-1.0808e+02	3.8808e+00	-8.6832e-01	1.2331e+00	-2.4353e+02	9.5317e+02
2503	-2.5526e+03	4.3185e+01	1.2424e+00	1.2331e+00	-3.3015e+02	-9.9300e+03
	-2.5526e+03	4.3185e+01	1.2424e+00	1.2331e+00	1.9540e+02	8.3372e+03
2504	-1.9882e+03	-4.6797e+01	-1.2454e+01	1.2331e+00	4.2522e+03	1.1784e+04
	-1.9882e+03	-4.6797e+01	-1.2454e+01	1.2331e+00	-1.0160e+03	-8.0112e+03
2505	-9.0139e+01	1.3215e+00	-5.7484e+00	1.2331e+00	2.0521e+03	-4.0548e+02
	-9.0139e+01	1.3215e+00	-5.7484e+00	1.2331e+00	-3.7947e+02	1.5353e+02
2506	-1.6580e+03	3.4629e+01	-7.0825e+00	1.2331e+00	2.6276e+03	-7.8693e+03
	-1.6580e+03	3.4629e+01	-7.0825e+00	1.2331e+00	-3.6835e+02	6.7786e+03
2530	0.0000e+00	-8.3728e+00	0.0000e+00	3.7207e+02	0.0000e+00	2.8358e+03
	0.0000e+00	-8.3728e+00	0.0000e+00	3.7207e+02	0.0000e+00	2.4590e+03
	0.0000e+00	-3.4668e+01	0.0000e+00	1.8957e+03	0.0000e+00	1.0188e+04
	0.0000e+00	-3.4668e+01	0.0000e+00	1.8957e+03	0.0000e+00	-1.9106e+03
2531	0.0000e+00	-1.7072e+00	0.0000e+00	2.5502e+01	0.0000e+00	1.8702e+03
	0.0000e+00	-1.7072e+00	0.0000e+00	2.5502e+01	0.0000e+00	1.7934e+03
	0.0000e+00	-3.9608e+01	0.0000e+00	4.0508e+01	0.0000e+00	8.6089e+03
	0.0000e+00	-3.9608e+01	0.0000e+00	4.0508e+01	0.0000e+00	-5.2144e+03

2532	0.0000e+00	5.1170e+00	0.0000e+00	3.0355e+02	0.0000e+00	2.2422e+03
	0.0000e+00	5.1170e+00	0.0000e+00	3.0355e+02	0.0000e+00	2.4724e+03
	0.0000e+00	-5.2336e+01	0.0000e+00	-3.4060e+02	0.0000e+00	1.1202e+04
	0.0000e+00	-5.2336e+01	0.0000e+00	-3.4060e+02	0.0000e+00	-7.0629e+03
2533	0.0000e+00	5.7137e+00	0.0000e+00	-2.2794e+02	0.0000e+00	2.2467e+03
	0.0000e+00	5.7137e+00	0.0000e+00	-2.2794e+02	0.0000e+00	2.5038e+03
	0.0000e+00	-5.2523e+01	0.0000e+00	2.3708e+02	0.0000e+00	1.1349e+04
	0.0000e+00	-5.2523e+01	0.0000e+00	2.3708e+02	0.0000e+00	-6.9817e+03
2534	0.0000e+00	1.0766e+00	0.0000e+00	1.4768e+02	0.0000e+00	2.2960e+03
	0.0000e+00	1.0766e+00	0.0000e+00	1.4768e+02	0.0000e+00	2.3444e+03
	0.0000e+00	-5.1021e+01	0.0000e+00	-1.6996e+02	0.0000e+00	1.1013e+04
	0.0000e+00	-5.1021e+01	0.0000e+00	-1.6996e+02	0.0000e+00	-6.7933e+03
2535	0.0000e+00	4.6670e+00	0.0000e+00	-1.6259e+00	0.0000e+00	2.2601e+03
	0.0000e+00	4.6670e+00	0.0000e+00	-1.6259e+00	0.0000e+00	2.4701e+03
	0.0000e+00	-5.0914e+01	0.0000e+00	4.4024e+00	0.0000e+00	1.1348e+04
	0.0000e+00	-5.0914e+01	0.0000e+00	4.4024e+00	0.0000e+00	-6.4209e+03
2536	0.0000e+00	1.2034e+00	0.0000e+00	-1.4776e+02	0.0000e+00	2.2926e+03
	0.0000e+00	1.2034e+00	0.0000e+00	-1.4776e+02	0.0000e+00	2.3467e+03
	0.0000e+00	-5.1250e+01	0.0000e+00	1.6579e+02	0.0000e+00	1.1019e+04
	0.0000e+00	-5.1250e+01	0.0000e+00	1.6579e+02	0.0000e+00	-6.8670e+03
2537	0.0000e+00	5.5517e+00	0.0000e+00	2.2512e+02	0.0000e+00	2.2563e+03
	0.0000e+00	5.5517e+00	0.0000e+00	2.2512e+02	0.0000e+00	2.5062e+03
	0.0000e+00	-5.2622e+01	0.0000e+00	-2.2317e+02	0.0000e+00	1.1365e+04
	0.0000e+00	-5.2622e+01	0.0000e+00	-2.2317e+02	0.0000e+00	-6.9997e+03
2538	0.0000e+00	5.3886e+00	0.0000e+00	-3.0318e+02	0.0000e+00	2.2314e+03
	0.0000e+00	5.3886e+00	0.0000e+00	-3.0318e+02	0.0000e+00	2.4739e+03
	0.0000e+00	-5.2665e+01	0.0000e+00	3.4427e+02	0.0000e+00	1.1199e+04
	0.0000e+00	-5.2665e+01	0.0000e+00	3.4427e+02	0.0000e+00	-7.1813e+03
2539	0.0000e+00	-2.0018e+00	0.0000e+00	-2.3794e+01	0.0000e+00	1.8806e+03
	0.0000e+00	-2.0018e+00	0.0000e+00	-2.3794e+01	0.0000e+00	1.7905e+03
	0.0000e+00	-3.9238e+01	0.0000e+00	-4.5796e+01	0.0000e+00	8.6029e+03
	0.0000e+00	-3.9238e+01	0.0000e+00	-4.5796e+01	0.0000e+00	-5.0913e+03
2540	0.0000e+00	-8.3203e+00	0.0000e+00	-3.7170e+02	0.0000e+00	2.8120e+03
	0.0000e+00	-8.3203e+00	0.0000e+00	-3.7170e+02	0.0000e+00	2.4376e+03
	0.0000e+00	-3.3990e+01	0.0000e+00	-1.8805e+03	0.0000e+00	1.0103e+04
	0.0000e+00	-3.3990e+01	0.0000e+00	-1.8805e+03	0.0000e+00	-1.7595e+03

Condizione "(1) V+y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-2.7057e+01	0.0000e+00	-2.4264e+02	0.0000e+00	1.8620e+03
	0.0000e+00	-2.7057e+01	0.0000e+00	-2.4264e+02	0.0000e+00	-3.1977e+03
630	0.0000e+00	-5.2488e+01	0.0000e+00	-1.1843e+03	0.0000e+00	3.5997e+03
	0.0000e+00	-5.2488e+01	0.0000e+00	-1.1843e+03	0.0000e+00	-6.2155e+03
631	0.0000e+00	1.0484e+01	0.0000e+00	-1.1108e+03	0.0000e+00	-1.0345e+03
	0.0000e+00	1.0484e+01	0.0000e+00	-1.1108e+03	0.0000e+00	9.2609e+02
632	-7.4292e+01	1.0547e+02	9.4066e+01	1.4264e+03	-1.2720e+04	-1.2973e+04
	-7.4292e+01	1.0547e+02	9.4066e+01	1.4264e+03	-1.1497e+03	-1.4552e-11
633	7.0672e+01	-4.5130e+00	1.1013e+02	1.3759e+03	-1.4655e+04	5.5510e+02
	7.0672e+01	-4.5130e+00	1.1013e+02	1.3759e+03	-1.1090e+03	0.0000e+00
634	9.2216e+01	-4.8582e+01	1.0380e+02	1.3500e+03	-1.3855e+04	5.9756e+03
	9.2216e+01	-4.8582e+01	1.0380e+02	1.3500e+03	-1.0882e+03	7.2760e-12
635	7.0622e+01	-2.4119e+01	1.0266e+02	1.3322e+03	-1.3701e+04	2.9666e+03

	7.0622e+01	-2.4119e+01	1.0266e+02	1.3322e+03	-1.0738e+03	3.6380e-12
636	7.4233e+01	-2.2710e+01	1.0388e+02	1.3087e+03	-1.3832e+04	2.7934e+03
	7.4233e+01	-2.2710e+01	1.0388e+02	1.3087e+03	-1.0549e+03	0.0000e+00
637	3.7878e+01	1.1455e+01	1.0053e+02	1.3132e+03	-1.3423e+04	-1.4089e+03
	3.7878e+01	1.1455e+01	1.0053e+02	1.3132e+03	-1.0585e+03	-1.8190e-12
638	6.1912e+01	-8.7609e+00	1.0360e+02	1.3071e+03	-1.3797e+04	1.0776e+03
	6.1912e+01	-8.7609e+00	1.0360e+02	1.3071e+03	-1.0536e+03	1.8190e-12
639	3.4125e+01	1.7223e+01	1.0204e+02	1.3289e+03	-1.3623e+04	-2.1184e+03
	3.4125e+01	1.7223e+01	1.0204e+02	1.3289e+03	-1.0712e+03	0.0000e+00
640	3.2559e+01	1.8941e+01	1.0288e+02	1.3449e+03	-1.3738e+04	-2.3298e+03
	3.2559e+01	1.8941e+01	1.0288e+02	1.3449e+03	-1.0841e+03	3.6380e-12
641	1.2453e+02	-7.6601e+01	1.0867e+02	1.3689e+03	-1.4470e+04	9.4219e+03
	1.2453e+02	-7.6601e+01	1.0867e+02	1.3689e+03	-1.1034e+03	0.0000e+00
642	-2.9012e-01	3.2194e+01	9.6948e+01	1.4387e+03	-1.3084e+04	-3.9599e+03
	-2.9012e-01	3.2194e+01	9.6948e+01	1.4387e+03	-1.1596e+03	-3.6380e-12
654	0.0000e+00	5.4409e+01	0.0000e+00	1.9454e+03	0.0000e+00	-4.8698e+03
	0.0000e+00	-1.7922e+00	0.0000e+00	3.5997e+03	0.0000e+00	1.1843e+03
655	0.0000e+00	2.4349e+01	0.0000e+00	8.9326e+02	0.0000e+00	-8.7854e+02
	0.0000e+00	-5.7378e+01	0.0000e+00	1.9454e+03	0.0000e+00	-4.8698e+03
656	0.0000e+00	1.9118e+01	0.0000e+00	4.4064e+02	0.0000e+00	-1.2142e+03
	0.0000e+00	-1.7083e+01	0.0000e+00	8.9326e+02	0.0000e+00	-8.7854e+02
657	0.0000e+00	2.1827e+01	0.0000e+00	-1.4564e+02	0.0000e+00	-1.2357e+03
	0.0000e+00	-2.1147e+01	0.0000e+00	4.4064e+02	0.0000e+00	-1.2142e+03
658	0.0000e+00	3.3282e+01	0.0000e+00	-6.4393e+02	0.0000e+00	-2.3720e+03
	0.0000e+00	-2.2599e+01	0.0000e+00	-1.4564e+02	0.0000e+00	-1.2357e+03
659	0.0000e+00	2.2359e+01	0.0000e+00	7.9578e+02	0.0000e+00	-1.2161e+03
	0.0000e+00	-3.1908e+01	0.0000e+00	1.2181e+03	0.0000e+00	-2.1294e+03
660	0.0000e+00	2.1483e+01	0.0000e+00	5.5596e+02	0.0000e+00	-1.2078e+03
	0.0000e+00	-2.1455e+01	0.0000e+00	7.9578e+02	0.0000e+00	-1.2161e+03
661	0.0000e+00	1.9537e+01	0.0000e+00	5.2805e+02	0.0000e+00	-1.4308e+03
	0.0000e+00	-1.7988e+01	0.0000e+00	5.5596e+02	0.0000e+00	-1.2078e+03
662	0.0000e+00	-2.6886e-01	0.0000e+00	6.6681e+02	0.0000e+00	5.6251e+02
	0.0000e+00	-1.9390e+01	0.0000e+00	5.2805e+02	0.0000e+00	-1.4308e+03
663	0.0000e+00	4.7543e+01	0.0000e+00	1.0345e+03	0.0000e+00	-1.1108e+03
	0.0000e+00	-9.0539e+00	0.0000e+00	6.6681e+02	0.0000e+00	5.6251e+02
664	0.0000e+00	7.2742e+01	0.0000e+00	-8.0723e+03	0.0000e+00	-1.0336e+04
	0.0000e+00	6.6512e+01	0.0000e+00	-1.3031e+04	0.0000e+00	1.3241e+04
665	0.0000e+00	9.6898e+01	0.0000e+00	-5.6067e+03	0.0000e+00	-1.0872e+04
	0.0000e+00	7.3377e-01	0.0000e+00	-7.1523e+03	0.0000e+00	4.3742e+03
666	0.0000e+00	8.0761e+01	0.0000e+00	-1.0187e+03	0.0000e+00	-8.5753e+03
	0.0000e+00	-4.0178e+00	0.0000e+00	-9.2332e+02	0.0000e+00	2.9478e+03
667	0.0000e+00	8.1938e+01	0.0000e+00	5.0098e+02	0.0000e+00	-9.9651e+03
	0.0000e+00	1.8099e+00	0.0000e+00	6.5999e+02	0.0000e+00	5.1495e+03
668	0.0000e+00	6.5529e+01	0.0000e+00	2.2196e+03	0.0000e+00	-7.5600e+03
	0.0000e+00	-1.4775e+00	0.0000e+00	1.9100e+03	0.0000e+00	3.8182e+03
669	0.0000e+00	7.3266e+01	0.0000e+00	3.7398e+02	0.0000e+00	-9.3075e+03
	0.0000e+00	1.9663e+01	0.0000e+00	-2.6890e+02	0.0000e+00	5.8733e+03
670	0.0000e+00	6.6163e+01	0.0000e+00	1.6229e+03	0.0000e+00	-8.4367e+03
	0.0000e+00	4.4927e+00	0.0000e+00	5.5416e+02	0.0000e+00	4.4895e+03
671	0.0000e+00	5.8728e+01	0.0000e+00	-7.2149e+02	0.0000e+00	-6.8861e+03
	0.0000e+00	2.4202e+01	0.0000e+00	-1.4772e+03	0.0000e+00	5.1533e+03

672	0.0000e+00	1.2091e+02	0.0000e+00	-3.9118e+03	0.0000e+00	-1.4156e+04
	0.0000e+00	1.9226e+01	0.0000e+00	-3.9489e+03	0.0000e+00	6.9055e+03
673	0.0000e+00	6.3382e-01	0.0000e+00	4.0094e+03	0.0000e+00	-1.2988e+04
	0.0000e+00	-1.2428e+01	0.0000e+00	4.0305e+03	0.0000e+00	3.4962e+02
2422	-2.1743e-12	7.4100e+01	1.7764e-15	3.1222e+01	0.0000e+00	-1.4080e+04
	-2.1743e-12	7.4100e+01	1.7764e-15	3.1222e+01	0.0000e+00	1.5560e+04
2423	-1.3074e-12	5.2217e+01	0.0000e+00	2.0915e+01	0.0000e+00	-1.1322e+04
	-1.3074e-12	5.2217e+01	0.0000e+00	2.0915e+01	0.0000e+00	1.1654e+04
2424	-1.7195e-12	1.1856e+02	0.0000e+00	1.1775e+01	0.0000e+00	-1.6598e+04
	-1.7195e-12	1.1856e+02	0.0000e+00	1.1775e+01	0.0000e+00	1.6600e+04
2425	-3.2969e-12	5.1883e+01	0.0000e+00	1.2065e+01	0.0000e+00	-1.1567e+04
	-3.2969e-12	5.1883e+01	0.0000e+00	1.2065e+01	-1.1369e-13	1.1262e+04
2426	1.8616e-12	8.0817e+01	0.0000e+00	6.4151e+00	-5.6843e-14	-1.3954e+04
	1.8616e-12	8.0817e+01	0.0000e+00	6.4151e+00	0.0000e+00	1.4332e+04
2427	2.1032e-12	8.0738e+01	-2.2204e-16	1.7402e+01	8.5265e-14	-1.4315e+04
	2.1032e-12	8.0738e+01	-2.2204e-16	1.7402e+01	-1.1369e-13	1.3944e+04
2428	-3.5101e-12	5.1917e+01	0.0000e+00	1.3709e+01	0.0000e+00	-1.1275e+04
	-3.5101e-12	5.1917e+01	0.0000e+00	1.3709e+01	1.1369e-13	1.1568e+04
2429	1.5632e-13	1.1865e+02	0.0000e+00	1.2029e+01	0.0000e+00	-1.6602e+04
	1.5632e-13	1.1865e+02	0.0000e+00	1.2029e+01	-4.5475e-13	1.6619e+04
2430	-2.8422e-12	5.2055e+01	0.0000e+00	1.3128e+01	0.0000e+00	-1.1615e+04
	-2.8422e-12	5.2055e+01	0.0000e+00	1.3128e+01	0.0000e+00	1.1289e+04
2431	-4.8317e-13	7.4914e+01	1.7764e-15	9.1894e+00	0.0000e+00	-1.5749e+04
	-4.8317e-13	7.4914e+01	1.7764e-15	9.1894e+00	0.0000e+00	1.4216e+04
2432	1.7621e-12	7.3564e+01	1.7764e-15	6.1715e+01	0.0000e+00	-1.3993e+04
	1.7621e-12	7.3564e+01	1.7764e-15	6.1715e+01	0.0000e+00	1.5433e+04
2433	3.9790e-13	5.4144e+01	0.0000e+00	2.7088e+01	-2.2737e-13	-1.1731e+04
	3.9790e-13	5.4144e+01	0.0000e+00	2.7088e+01	6.8212e-13	1.2093e+04
2434	-1.8190e-12	1.2229e+02	3.5527e-15	2.4103e+01	-4.5475e-13	-1.7111e+04
	-1.8190e-12	1.2229e+02	3.5527e-15	2.4103e+01	4.5475e-13	1.7129e+04
2435	0.0000e+00	5.3344e+01	4.4409e-16	3.6755e+01	0.0000e+00	-1.1898e+04
	0.0000e+00	5.3344e+01	4.4409e-16	3.6755e+01	2.2737e-13	1.1574e+04
2436	2.3306e-12	7.7343e+01	1.7764e-15	-4.4854e+00	0.0000e+00	-1.4714e+04
	2.3306e-12	7.7343e+01	1.7764e-15	-4.4854e+00	0.0000e+00	1.6223e+04
2437	2.5580e-12	5.5746e+01	0.0000e+00	4.2662e+01	-2.2737e-13	-1.2090e+04
	2.5580e-12	5.5746e+01	0.0000e+00	4.2662e+01	2.2737e-13	1.2438e+04
2438	1.5916e-12	1.2578e+02	-3.5527e-15	3.3253e+01	4.5475e-13	-1.7602e+04
	1.5916e-12	1.2578e+02	-3.5527e-15	3.3253e+01	-4.5475e-13	1.7617e+04
2439	1.8190e-12	5.4986e+01	-4.4409e-16	3.0855e+01	-1.1369e-13	-1.2262e+04
	1.8190e-12	5.4986e+01	-4.4409e-16	3.0855e+01	1.1369e-13	1.1932e+04
2440	2.0464e-12	8.5460e+01	0.0000e+00	2.8577e+01	-1.7053e-13	-1.4756e+04
	2.0464e-12	8.5460e+01	0.0000e+00	2.8577e+01	1.1369e-13	1.5155e+04
2441	2.8422e-12	8.3186e+01	0.0000e+00	3.5148e+01	0.0000e+00	-1.4363e+04
	2.8422e-12	8.3186e+01	0.0000e+00	3.5148e+01	2.8422e-14	1.4752e+04
2442	2.1600e-12	8.2932e+01	-2.2204e-16	3.2110e+01	2.8422e-14	-1.4701e+04
	2.1600e-12	8.2932e+01	-2.2204e-16	3.2110e+01	-5.6843e-14	1.4326e+04
2443	0.0000e+00	5.3436e+01	8.8818e-16	3.6813e+01	0.0000e+00	-1.1611e+04
	0.0000e+00	5.3436e+01	8.8818e-16	3.6813e+01	0.0000e+00	1.1901e+04
2444	-1.9327e-12	1.2219e+02	0.0000e+00	2.6353e+01	-4.5475e-13	-1.7088e+04
	-1.9327e-12	1.2219e+02	0.0000e+00	2.6353e+01	0.0000e+00	1.7125e+04
2445	2.8422e-13	5.3650e+01	0.0000e+00	3.3117e+01	0.0000e+00	-1.1986e+04

	2.8422e-13	5.3650e+01	0.0000e+00	3.3117e+01	-4.5475e-13	1.1620e+04
2446	1.9327e-12	7.4652e+01	0.0000e+00	6.9137e+01	0.0000e+00	-1.5690e+04
	1.9327e-12	7.4652e+01	0.0000e+00	6.9137e+01	0.0000e+00	1.4171e+04
2447	2.6148e-12	8.5672e+01	-2.2204e-16	2.9053e+01	8.5265e-14	-1.5184e+04
	2.6148e-12	8.5672e+01	-2.2204e-16	2.9053e+01	-1.1369e-13	1.4802e+04
2448	1.0232e-12	5.5072e+01	4.4409e-16	2.9729e+01	0.0000e+00	-1.1967e+04
	1.0232e-12	5.5072e+01	4.4409e-16	2.9729e+01	0.0000e+00	1.2264e+04
2449	-3.4106e-12	1.2580e+02	0.0000e+00	3.1291e+01	0.0000e+00	-1.7595e+04
	-3.4106e-12	1.2580e+02	0.0000e+00	3.1291e+01	0.0000e+00	1.7629e+04
2450	8.5265e-13	5.5218e+01	1.7764e-15	3.1337e+01	-2.2737e-13	-1.2328e+04
	8.5265e-13	5.5218e+01	1.7764e-15	3.1337e+01	0.0000e+00	1.1968e+04
2451	1.8190e-12	7.7666e+01	0.0000e+00	-2.1391e+01	0.0000e+00	-1.6317e+04
	1.8190e-12	7.7666e+01	0.0000e+00	-2.1391e+01	0.0000e+00	1.4750e+04
2452	0.0000e+00	-2.2872e+00	1.4211e-14	-1.4696e+02	1.2506e-12	8.8647e+02
	0.0000e+00	-2.2872e+00	1.4211e-14	-1.4696e+02	-3.5811e-12	-1.1073e+02
2453	0.0000e+00	2.5430e+01	-1.7764e-14	5.7252e+02	-3.4106e-13	-3.7924e+03
	0.0000e+00	2.5430e+01	-1.7764e-14	5.7252e+02	3.2969e-12	3.9382e+03
2454	0.0000e+00	8.2275e-01	-8.8818e-15	-2.0361e+02	1.7053e-13	1.3274e+02
	0.0000e+00	8.2275e-01	-8.8818e-15	-2.0361e+02	-2.7569e-12	4.9146e+02
2455	0.0000e+00	1.7448e+01	1.0658e-14	5.1457e+02	-3.2969e-12	-2.7065e+03
	0.0000e+00	1.7448e+01	1.0658e-14	5.1457e+02	6.7075e-12	2.5978e+03
2456	0.0000e+00	-2.0814e+00	-1.3767e-14	-1.5834e+02	1.0800e-12	7.4899e+02
	0.0000e+00	-2.0814e+00	-1.3767e-14	-1.5834e+02	-3.4959e-12	-1.5852e+02
2457	0.0000e+00	1.7271e+01	-1.7764e-14	4.7948e+02	-3.4106e-13	-2.5944e+03
	0.0000e+00	1.7271e+01	-1.7764e-14	4.7948e+02	3.2969e-12	2.6562e+03
2458	0.0000e+00	-3.3335e+00	9.7700e-15	-1.4339e+02	2.2169e-12	1.0005e+03
	0.0000e+00	-3.3335e+00	9.7700e-15	-1.4339e+02	2.6432e-12	-4.5292e+02
2459	0.0000e+00	1.5344e+01	-1.1546e-14	4.6224e+02	-1.1369e-12	-2.2477e+03
	0.0000e+00	1.5344e+01	-1.1546e-14	4.6224e+02	4.0927e-12	2.4167e+03
2460	-1.1369e-13	-5.3685e+00	-1.4211e-14	-1.7239e+02	1.0800e-12	1.3766e+03
	-1.1369e-13	-5.3685e+00	-1.4211e-14	-1.7239e+02	-3.4959e-12	-9.6403e+02
2461	0.0000e+00	1.2942e+01	3.5527e-15	5.1621e+02	-2.5011e-12	-1.8091e+03
	0.0000e+00	1.2942e+01	3.5527e-15	5.1621e+02	5.6843e-12	2.1253e+03
2462	-1.2304e-14	-6.7210e+00	-7.5495e-15	-1.5706e+02	-5.6843e-14	1.6090e+03
	-1.2304e-14	-6.7210e+00	-7.5495e-15	-1.5706e+02	-2.5011e-12	-1.3214e+03
2463	5.4993e-14	9.8825e+00	8.8818e-15	4.7710e+02	-3.2969e-12	-1.2749e+03
	5.4993e-14	9.8825e+00	8.8818e-15	4.7710e+02	6.5938e-12	1.7294e+03
2464	0.0000e+00	-8.1286e+00	-8.6597e-15	-1.6222e+02	1.1369e-13	1.8839e+03
	0.0000e+00	-8.1286e+00	-8.6597e-15	-1.6222e+02	-2.6716e-12	-1.6602e+03
2465	1.1369e-13	8.0953e+00	-7.1054e-15	4.9648e+02	-1.9327e-12	-9.6692e+02
	1.1369e-13	8.0953e+00	-7.1054e-15	4.9648e+02	4.8885e-12	1.4940e+03
2466	0.0000e+00	-1.0245e+01	-1.1768e-14	-1.6557e+02	6.8212e-13	2.2820e+03
	0.0000e+00	-1.0245e+01	-1.1768e-14	-1.6557e+02	-3.0695e-12	-2.1846e+03
2467	0.0000e+00	6.0369e+00	-1.1546e-14	4.8639e+02	-1.1369e-12	-5.9125e+02
	0.0000e+00	6.0369e+00	-1.1546e-14	4.8639e+02	4.0927e-12	1.2440e+03
2468	6.8212e-13	-1.1300e+01	-7.1054e-15	-1.4576e+02	-2.2737e-13	2.4871e+03
	6.8212e-13	-1.1300e+01	-7.1054e-15	-1.4576e+02	-2.3590e-12	-2.4395e+03
2469	-4.5475e-13	3.8900e+00	-3.4639e-14	4.6238e+02	1.8190e-12	-2.1687e+02
	-4.5475e-13	3.8900e+00	-3.4639e-14	4.6238e+02	1.0232e-12	9.6569e+02
2470	4.5475e-13	-1.3138e+01	-1.1990e-14	-2.0659e+02	9.0949e-13	2.8333e+03
	4.5475e-13	-1.3138e+01	-1.1990e-14	-2.0659e+02	-3.4959e-12	-2.8949e+03

2471	0.0000e+00	1.2843e+00	7.9936e-15	5.3797e+02	-3.6380e-12	2.5057e+02
	0.0000e+00	1.2843e+00	7.9936e-15	5.3797e+02	6.7075e-12	6.4101e+02
2472	0.0000e+00	-9.6426e+00	-8.6597e-15	-1.8732e+02	1.1369e-13	1.9223e+03
	0.0000e+00	-9.6426e+00	-8.6597e-15	-1.8732e+02	-2.6716e-12	-2.2819e+03
2473	0.0000e+00	-9.3452e+00	-1.7764e-14	6.0658e+02	1.1369e-13	1.7573e+03
	0.0000e+00	-9.3452e+00	-1.7764e-14	6.0658e+02	3.1832e-12	-1.0837e+03
2474	3.9804e+02	-1.9933e+01	1.0888e+02	-1.2552e+02	-3.1983e+04	4.6435e+03
	3.9804e+02	-1.9933e+01	1.0888e+02	-1.2552e+02	1.4075e+04	-3.7880e+03
2475	1.0182e+02	-1.5650e+01	1.0925e+02	-1.2552e+02	-3.1373e+04	3.5370e+03
	1.0182e+02	-1.5650e+01	1.0925e+02	-1.2552e+02	1.4841e+04	-3.0830e+03
2476	-5.2570e+00	-1.1908e+01	1.4814e+02	-1.2552e+02	-3.7648e+04	2.5825e+03
	-5.2570e+00	-1.1908e+01	1.4814e+02	-1.2552e+02	2.5016e+04	-2.4547e+03
2477	2.6228e+02	-1.4598e+01	1.5207e+02	-1.2552e+02	-3.9382e+04	3.4215e+03
	2.6228e+02	-1.4598e+01	1.5207e+02	-1.2552e+02	2.4945e+04	-2.7536e+03
2478	8.5699e+01	-9.1654e+00	1.5599e+02	-1.2552e+02	-3.8701e+04	1.9789e+03
	8.5699e+01	-9.1654e+00	1.5599e+02	-1.2552e+02	2.7284e+04	-1.8980e+03
2479	-4.8004e+01	-6.7457e+00	1.5573e+02	-1.2552e+02	-3.8622e+04	1.4369e+03
	-4.8004e+01	-6.7457e+00	1.5573e+02	-1.2552e+02	2.7254e+04	-1.4165e+03
2480	3.1399e+02	2.4756e+00	1.5596e+02	-1.2552e+02	-3.9303e+04	-6.0690e+02
	3.1399e+02	2.4756e+00	1.5596e+02	-1.2552e+02	2.6670e+04	4.4027e+02
2481	4.3249e+02	1.1874e+00	1.5757e+02	-1.2552e+02	-3.9796e+04	-3.4074e+02
	4.3249e+02	1.1874e+00	1.5757e+02	-1.2552e+02	2.6854e+04	1.6151e+02
2482	2.7702e+02	-2.2434e+00	1.4707e+02	-1.2552e+02	-3.8099e+04	4.9214e+02
	2.7702e+02	-2.2434e+00	1.4707e+02	-1.2552e+02	2.4112e+04	-4.5683e+02
2483	5.5527e+02	9.9243e-01	1.0345e+02	-1.2552e+02	-3.0355e+04	-3.7078e+02
	5.5527e+02	9.9243e-01	1.0345e+02	-1.2552e+02	1.3403e+04	4.9018e+01
2484	4.1835e+02	-1.3750e+01	1.6137e+02	-1.2552e+02	-4.0787e+04	3.2313e+03
	4.1835e+02	-1.3750e+01	1.6137e+02	-1.2552e+02	2.7472e+04	-2.5850e+03
2485	2.8154e+02	-1.1793e+01	1.5981e+02	-1.2552e+02	-4.0312e+04	2.7433e+03
	2.8154e+02	-1.1793e+01	1.5981e+02	-1.2552e+02	2.7287e+04	-2.2454e+03
2486	4.7245e+01	-3.5257e+00	1.4879e+02	-1.2552e+02	-3.7729e+04	7.4833e+02
	4.7245e+01	-3.5257e+00	1.4879e+02	-1.2552e+02	2.5210e+04	-7.4304e+02
2487	3.9699e+02	7.6686e+00	1.5648e+02	-1.2552e+02	-3.9496e+04	-1.9194e+03
	3.9699e+02	7.6686e+00	1.5648e+02	-1.2552e+02	2.6693e+04	1.3244e+03
2488	4.2077e+02	-9.4941e+00	1.5338e+02	-1.2552e+02	-3.9651e+04	2.2092e+03
	4.2077e+02	-9.4941e+00	1.5338e+02	-1.2552e+02	2.5229e+04	-1.8068e+03
2489	1.6525e+01	-6.0270e-01	1.5593e+02	-1.2552e+02	-3.8694e+04	1.2360e+02
	1.6525e+01	-6.0270e-01	1.5593e+02	-1.2552e+02	2.7264e+04	-1.3134e+02
2490	4.5136e+02	5.6317e+00	1.4980e+02	-1.2552e+02	-3.8697e+04	-1.4166e+03
	4.5136e+02	5.6317e+00	1.4980e+02	-1.2552e+02	2.4669e+04	9.6564e+02
2491	4.0060e+02	9.4111e+00	1.4909e+02	-1.2552e+02	-3.8454e+04	-2.3254e+03
	4.0060e+02	9.4111e+00	1.4909e+02	-1.2552e+02	2.4611e+04	1.6555e+03
2492	3.4996e+02	-6.4352e+00	1.6042e+02	-1.2552e+02	-4.0525e+04	1.4467e+03
	3.4996e+02	-6.4352e+00	1.6042e+02	-1.2552e+02	2.7331e+04	-1.2754e+03
2493	-1.2597e+01	2.0522e+00	1.4876e+02	-1.2552e+02	-3.7703e+04	-4.7455e+02
	-1.2597e+01	2.0522e+00	1.4876e+02	-1.2552e+02	2.5224e+04	3.9355e+02
2494	3.6566e+02	-4.9568e+00	1.5312e+02	-1.2552e+02	-3.9527e+04	1.1291e+03
	3.6566e+02	-4.9568e+00	1.5312e+02	-1.2552e+02	2.5242e+04	-9.6759e+02
2495	4.7861e+02	1.2671e+01	1.5704e+02	-1.2552e+02	-3.9683e+04	-3.1647e+03
	4.7861e+02	1.2671e+01	1.5704e+02	-1.2552e+02	2.6743e+04	2.1951e+03
2496	8.3012e+01	5.1437e+00	1.5584e+02	-1.2552e+02	-3.8679e+04	-1.1361e+03

	8.3012e+01	5.1437e+00	1.5584e+02	-1.2552e+02	2.7242e+04	1.0397e+03
2497	4.3441e+02	-3.1577e+00	1.6092e+02	-1.2552e+02	-4.0691e+04	7.4289e+02
	4.3441e+02	-3.1577e+00	1.6092e+02	-1.2552e+02	2.7378e+04	-5.9281e+02
2498	3.4161e+02	1.3724e+01	1.5607e+02	-1.2552e+02	-3.9326e+04	-3.3723e+03
	3.4161e+02	1.3724e+01	1.5607e+02	-1.2552e+02	2.6689e+04	2.4327e+03
2499	-5.1403e+01	7.5631e+00	1.5587e+02	-1.2552e+02	-3.8650e+04	-1.6789e+03
	-5.1403e+01	7.5631e+00	1.5587e+02	-1.2552e+02	2.7283e+04	1.5203e+03
2500	2.9594e+02	-9.9245e-01	1.5995e+02	-1.2552e+02	-4.0343e+04	2.0289e+02
	2.9594e+02	-9.9245e-01	1.5995e+02	-1.2552e+02	2.7318e+04	-2.1691e+02
2501	5.4558e+02	1.6026e+01	1.4737e+02	-1.2552e+02	-3.8152e+04	-3.9199e+03
	5.4558e+02	1.6026e+01	1.4737e+02	-1.2552e+02	2.4185e+04	2.8589e+03
2502	3.7281e+01	1.0843e+01	1.4838e+02	-1.2552e+02	-3.7677e+04	-2.3905e+03
	3.7281e+01	1.0843e+01	1.4838e+02	-1.2552e+02	2.5087e+04	2.1962e+03
2503	4.8289e+02	1.9090e+00	1.5177e+02	-1.2552e+02	-3.9295e+04	-5.0419e+02
	4.8289e+02	1.9090e+00	1.5177e+02	-1.2552e+02	2.4904e+04	3.0330e+02
2504	4.0106e+01	1.3046e+01	1.0712e+02	-1.2552e+02	-3.1615e+04	-3.1676e+03
	4.0106e+01	1.3046e+01	1.0712e+02	-1.2552e+02	1.3697e+04	2.3510e+03
2505	-7.4616e+01	1.5140e+01	1.1099e+02	-1.2552e+02	-3.1992e+04	-3.3893e+03
	-7.4616e+01	1.5140e+01	1.1099e+02	-1.2552e+02	1.4955e+04	3.0151e+03
2506	1.0630e+02	9.4670e+00	1.1115e+02	-1.2552e+02	-3.2806e+04	-2.2687e+03
	1.0630e+02	9.4670e+00	1.1115e+02	-1.2552e+02	1.4210e+04	1.7359e+03
2530	0.0000e+00	-4.4989e+00	0.0000e+00	1.1628e+02	0.0000e+00	1.8441e+02
	0.0000e+00	-4.4989e+00	0.0000e+00	1.1628e+02	0.0000e+00	-1.8040e+01
	0.0000e+00	9.2394e-01	0.0000e+00	-9.5968e+01	0.0000e+00	-2.7295e+02
	0.0000e+00	9.2394e-01	0.0000e+00	-9.5968e+01	0.0000e+00	4.9507e+01
2531	0.0000e+00	-1.6350e-01	0.0000e+00	1.5305e+02	0.0000e+00	-3.3210e+02
	0.0000e+00	-1.6350e-01	0.0000e+00	1.5305e+02	0.0000e+00	-3.3945e+02
	0.0000e+00	8.8094e+00	0.0000e+00	3.5738e+01	0.0000e+00	-1.5949e+03
	0.0000e+00	8.8094e+00	0.0000e+00	3.5738e+01	0.0000e+00	1.4795e+03
2532	0.0000e+00	-3.1588e+00	0.0000e+00	1.9383e+02	0.0000e+00	-1.9350e+02
	0.0000e+00	-3.1588e+00	0.0000e+00	1.9383e+02	0.0000e+00	-3.3564e+02
	0.0000e+00	6.9432e+00	0.0000e+00	5.3477e+01	0.0000e+00	-1.5255e+03
	0.0000e+00	6.9432e+00	0.0000e+00	5.3477e+01	0.0000e+00	8.9770e+02
2533	0.0000e+00	-9.6116e-01	0.0000e+00	2.5605e+02	0.0000e+00	-3.4205e+02
	0.0000e+00	-9.6116e-01	0.0000e+00	2.5605e+02	0.0000e+00	-3.8530e+02
	0.0000e+00	7.8361e+00	0.0000e+00	-3.2706e+01	0.0000e+00	-1.7531e+03
	0.0000e+00	7.8361e+00	0.0000e+00	-3.2706e+01	0.0000e+00	9.8170e+02
2534	0.0000e+00	-8.6876e-01	0.0000e+00	2.1770e+02	0.0000e+00	-2.7632e+02
	0.0000e+00	-8.6876e-01	0.0000e+00	2.1770e+02	0.0000e+00	-3.1542e+02
	0.0000e+00	6.8619e+00	0.0000e+00	1.3312e-01	0.0000e+00	-1.4974e+03
	0.0000e+00	6.8619e+00	0.0000e+00	1.3312e-01	0.0000e+00	8.9741e+02
2535	0.0000e+00	-8.1015e-01	0.0000e+00	2.2618e+02	0.0000e+00	-3.3634e+02
	0.0000e+00	-8.1015e-01	0.0000e+00	2.2618e+02	0.0000e+00	-3.7280e+02
	0.0000e+00	7.9875e+00	0.0000e+00	1.0090e+01	0.0000e+00	-1.7080e+03
	0.0000e+00	7.9875e+00	0.0000e+00	1.0090e+01	0.0000e+00	1.0796e+03
2536	0.0000e+00	2.6367e-01	0.0000e+00	2.6129e+02	0.0000e+00	-4.0549e+02
	0.0000e+00	2.6367e-01	0.0000e+00	2.6129e+02	0.0000e+00	-3.9362e+02
	0.0000e+00	9.1825e+00	0.0000e+00	-4.8502e+01	0.0000e+00	-1.8203e+03
	0.0000e+00	9.1825e+00	0.0000e+00	-4.8502e+01	0.0000e+00	1.3844e+03
2537	0.0000e+00	-8.7668e-01	0.0000e+00	1.9034e+02	0.0000e+00	-3.2016e+02
	0.0000e+00	-8.7668e-01	0.0000e+00	1.9034e+02	0.0000e+00	-3.5961e+02

	0.0000e+00	8.3291e+00	0.0000e+00	2.4155e+01	0.0000e+00	-1.6189e+03
	0.0000e+00	8.3291e+00	0.0000e+00	2.4155e+01	0.0000e+00	1.2879e+03
2538	0.0000e+00	1.4445e+00	0.0000e+00	2.7618e+02	0.0000e+00	-4.5241e+02
	0.0000e+00	1.4445e+00	0.0000e+00	2.7618e+02	0.0000e+00	-3.8741e+02
	0.0000e+00	8.7005e+00	0.0000e+00	-3.5282e+01	0.0000e+00	-1.7443e+03
	0.0000e+00	8.7005e+00	0.0000e+00	-3.5282e+01	0.0000e+00	1.2922e+03
2539	0.0000e+00	1.2220e+00	0.0000e+00	1.5332e+02	0.0000e+00	-2.1570e+02
	0.0000e+00	1.2220e+00	0.0000e+00	1.5332e+02	0.0000e+00	-1.6071e+02
	0.0000e+00	1.3360e+00	0.0000e+00	5.5748e+01	0.0000e+00	-8.3117e+02
	0.0000e+00	1.3360e+00	0.0000e+00	5.5748e+01	0.0000e+00	-3.6492e+02
2540	0.0000e+00	7.1239e+00	0.0000e+00	2.3265e+02	0.0000e+00	-1.0087e+03
	0.0000e+00	7.1239e+00	0.0000e+00	2.3265e+02	0.0000e+00	-6.8816e+02
	0.0000e+00	7.7804e+00	0.0000e+00	5.2110e+02	0.0000e+00	-2.6577e+03
	0.0000e+00	7.7804e+00	0.0000e+00	5.2110e+02	0.0000e+00	5.7652e+01

Condizione "(1) V-y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	1.8490e+02	0.0000e+00	-2.4301e+02	0.0000e+00	-1.2752e+04
	0.0000e+00	1.8490e+02	0.0000e+00	-2.4301e+02	0.0000e+00	2.1824e+04
630	0.0000e+00	1.0193e+02	0.0000e+00	-1.0963e+03	0.0000e+00	-5.7266e+03
	0.0000e+00	1.0193e+02	0.0000e+00	-1.0963e+03	0.0000e+00	1.3334e+04
631	0.0000e+00	1.6293e+02	0.0000e+00	-1.1642e+03	0.0000e+00	-1.0216e+04
	0.0000e+00	1.6293e+02	0.0000e+00	-1.1642e+03	0.0000e+00	2.0251e+04
632	1.6177e+02	-3.7360e+02	9.1620e+01	1.3977e+03	-1.2396e+04	4.5953e+04
	1.6177e+02	-3.7360e+02	9.1620e+01	1.3977e+03	-1.1266e+03	5.8208e-11
633	-7.8135e+02	4.1694e+02	1.0768e+02	1.3675e+03	-1.4346e+04	-5.1283e+04
	-7.8135e+02	4.1694e+02	1.0768e+02	1.3675e+03	-1.1022e+03	-7.2760e-12
634	-3.3596e+02	-4.8726e-01	1.0235e+02	1.3485e+03	-1.3676e+04	5.9933e+01
	-3.3596e+02	-4.8726e-01	1.0235e+02	1.3485e+03	-1.0870e+03	0.0000e+00
635	-2.9273e+02	-4.9397e+01	1.0182e+02	1.3362e+03	-1.3601e+04	6.0758e+03
	-2.9273e+02	-4.9397e+01	1.0182e+02	1.3362e+03	-1.0770e+03	-2.9104e-11
636	-4.3328e+02	7.2502e+01	1.0366e+02	1.3174e+03	-1.3812e+04	-8.9177e+03
	-4.3328e+02	7.2502e+01	1.0366e+02	1.3174e+03	-1.0618e+03	-1.4552e-11
637	-2.3569e+02	-1.0351e+02	1.0083e+02	1.3268e+03	-1.3472e+04	1.2732e+04
	-2.3569e+02	-1.0351e+02	1.0083e+02	1.3268e+03	-1.0695e+03	1.4552e-11
638	-4.3394e+02	7.3280e+01	1.0442e+02	1.3257e+03	-1.3913e+04	-9.0134e+03
	-4.3394e+02	7.3280e+01	1.0442e+02	1.3257e+03	-1.0685e+03	7.2760e-12
639	-3.4511e+02	9.8504e+00	1.0342e+02	1.3525e+03	-1.3811e+04	-1.2116e+03
	-3.4511e+02	9.8504e+00	1.0342e+02	1.3525e+03	-1.0902e+03	1.4552e-11
640	-3.6557e+02	3.2918e+01	1.0479e+02	1.3742e+03	-1.3997e+04	-4.0490e+03
	-3.6557e+02	3.2918e+01	1.0479e+02	1.3742e+03	-1.1076e+03	0.0000e+00
641	-7.4811e+02	3.6950e+02	1.1140e+02	1.4059e+03	-1.4835e+04	-4.5448e+04
	-7.4811e+02	3.6950e+02	1.1140e+02	1.4059e+03	-1.1332e+03	3.6380e-12
642	2.3864e+02	-4.4799e+02	1.0168e+02	1.4794e+03	-1.3699e+04	5.5103e+04
	2.3864e+02	-4.4799e+02	1.0168e+02	1.4794e+03	-1.1924e+03	5.8208e-11
654	0.0000e+00	-1.9590e+02	0.0000e+00	-2.6625e+03	0.0000e+00	1.1699e+04
	0.0000e+00	2.0738e+02	0.0000e+00	-5.7266e+03	0.0000e+00	1.0963e+03
655	0.0000e+00	-1.4576e+02	0.0000e+00	-3.3229e+02	0.0000e+00	8.1243e+03
	0.0000e+00	1.6330e+02	0.0000e+00	-2.6625e+03	0.0000e+00	1.1699e+04
656	0.0000e+00	-1.2521e+02	0.0000e+00	1.0217e+03	0.0000e+00	8.2076e+03
	0.0000e+00	1.2547e+02	0.0000e+00	-3.3229e+02	0.0000e+00	8.1243e+03
657	0.0000e+00	-1.4691e+02	0.0000e+00	3.5927e+03	0.0000e+00	8.3219e+03

	0.0000e+00	1.4478e+02	0.0000e+00	1.0217e+03	0.0000e+00	8.2076e+03
658	0.0000e+00	-2.2135e+02	0.0000e+00	6.6544e+03	0.0000e+00	1.5223e+04
	0.0000e+00	1.5276e+02	0.0000e+00	3.5927e+03	0.0000e+00	8.3219e+03
659	0.0000e+00	-1.5275e+02	0.0000e+00	-2.9628e+03	0.0000e+00	8.3154e+03
	0.0000e+00	2.2271e+02	0.0000e+00	-6.0981e+03	0.0000e+00	1.5466e+04
660	0.0000e+00	-1.4474e+02	0.0000e+00	-5.6134e+01	0.0000e+00	8.2575e+03
	0.0000e+00	1.4705e+02	0.0000e+00	-2.9628e+03	0.0000e+00	8.3154e+03
661	0.0000e+00	-1.2237e+02	0.0000e+00	1.7093e+03	0.0000e+00	7.4961e+03
	0.0000e+00	1.2673e+02	0.0000e+00	-5.6134e+01	0.0000e+00	8.2575e+03
662	0.0000e+00	-2.2328e+02	0.0000e+00	5.1933e+03	0.0000e+00	1.7336e+04
	0.0000e+00	1.5042e+02	0.0000e+00	1.7093e+03	0.0000e+00	7.4961e+03
663	0.0000e+00	-1.6617e+02	0.0000e+00	1.0216e+04	0.0000e+00	-1.1642e+03
	0.0000e+00	2.4483e+02	0.0000e+00	5.1933e+03	0.0000e+00	1.7336e+04
664	0.0000e+00	-3.1836e+02	0.0000e+00	3.8124e+04	0.0000e+00	3.2178e+04
	0.0000e+00	-1.3058e+02	0.0000e+00	4.7913e+04	0.0000e+00	1.0760e+04
665	0.0000e+00	-1.7806e+02	0.0000e+00	-1.0215e+04	0.0000e+00	1.7054e+03
	0.0000e+00	5.0665e+02	0.0000e+00	-6.9554e+03	0.0000e+00	4.6527e+04
666	0.0000e+00	-1.1704e+02	0.0000e+00	-7.2251e+03	0.0000e+00	3.2036e+03
	0.0000e+00	2.0959e+02	0.0000e+00	-3.2115e+03	0.0000e+00	1.5741e+04
667	0.0000e+00	-2.0501e+02	0.0000e+00	-8.0600e+02	0.0000e+00	1.0593e+04
	0.0000e+00	2.2771e+02	0.0000e+00	5.5899e+03	0.0000e+00	1.6573e+04
668	0.0000e+00	-1.0049e+02	0.0000e+00	-8.8869e+03	0.0000e+00	-1.6751e+03
	0.0000e+00	2.7786e+02	0.0000e+00	-3.2331e+03	0.0000e+00	2.4546e+04
669	0.0000e+00	-1.9968e+02	0.0000e+00	4.6869e+03	0.0000e+00	1.0732e+04
	0.0000e+00	1.8560e+02	0.0000e+00	1.0129e+04	0.0000e+00	1.1812e+04
670	0.0000e+00	-1.6657e+02	0.0000e+00	-2.7491e+03	0.0000e+00	4.0166e+03
	0.0000e+00	2.8591e+02	0.0000e+00	2.5666e+03	0.0000e+00	2.4450e+04
671	0.0000e+00	-1.3851e+02	0.0000e+00	-2.7525e+02	0.0000e+00	4.1907e+03
	0.0000e+00	2.3094e+02	0.0000e+00	3.0642e+03	0.0000e+00	1.8067e+04
672	0.0000e+00	-3.9479e+02	0.0000e+00	-1.9035e+03	0.0000e+00	2.9156e+04
	0.0000e+00	2.8013e+02	0.0000e+00	2.8778e+03	0.0000e+00	1.7850e+04
673	0.0000e+00	1.9980e+02	0.0000e+00	-5.7244e+04	0.0000e+00	-1.5778e+04
	0.0000e+00	3.8994e+02	0.0000e+00	-4.2852e+04	0.0000e+00	4.4074e+04
2422	-2.0037e-12	7.7123e+01	5.3291e-15	-6.4973e+01	0.0000e+00	-1.4587e+04
	-2.0037e-12	7.7123e+01	5.3291e-15	-6.4973e+01	0.0000e+00	1.6262e+04
2423	-1.8616e-12	5.1580e+01	0.0000e+00	1.7131e+00	-2.2737e-13	-1.1192e+04
	-1.8616e-12	5.1580e+01	0.0000e+00	1.7131e+00	0.0000e+00	1.1504e+04
2424	2.6574e-12	1.1880e+02	0.0000e+00	1.3955e+01	0.0000e+00	-1.6668e+04
	2.6574e-12	1.1880e+02	0.0000e+00	1.3955e+01	0.0000e+00	1.6596e+04
2425	3.4532e-12	5.1969e+01	0.0000e+00	1.6865e+01	-2.2737e-13	-1.1561e+04
	3.4532e-12	5.1969e+01	0.0000e+00	1.6865e+01	0.0000e+00	1.1306e+04
2426	9.9476e-13	8.0435e+01	-4.4409e-16	4.9283e+01	-5.6843e-14	-1.3900e+04
	9.9476e-13	8.0435e+01	-4.4409e-16	4.9283e+01	-5.6843e-14	1.4252e+04
2427	1.2363e-12	8.0979e+01	-6.6613e-16	-2.5045e+01	1.7053e-13	-1.4369e+04
	1.2363e-12	8.0979e+01	-6.6613e-16	-2.5045e+01	-1.7053e-13	1.3973e+04
2428	3.2401e-12	5.1742e+01	4.4409e-16	7.8028e+00	0.0000e+00	-1.1213e+04
	3.2401e-12	5.1742e+01	4.4409e-16	7.8028e+00	1.1369e-13	1.1554e+04
2429	-2.7711e-12	1.1820e+02	0.0000e+00	1.2083e+01	0.0000e+00	-1.6577e+04
	-2.7711e-12	1.1820e+02	0.0000e+00	1.2083e+01	0.0000e+00	1.6519e+04
2430	-3.3822e-12	5.2604e+01	0.0000e+00	3.0638e+01	0.0000e+00	-1.1746e+04
	-3.3822e-12	5.2604e+01	0.0000e+00	3.0638e+01	0.0000e+00	1.1400e+04

2431	-3.2685e-13	7.1760e+01	3.5527e-15	1.0733e+02	0.0000e+00	-1.5020e+04
	-3.2685e-13	7.1760e+01	3.5527e-15	1.0733e+02	0.0000e+00	1.3684e+04
2432	7.3896e-13	7.7653e+01	5.3291e-15	9.2373e+01	0.0000e+00	-1.4665e+04
	7.3896e-13	7.7653e+01	5.3291e-15	9.2373e+01	0.0000e+00	1.6396e+04
2433	7.3896e-13	5.1728e+01	0.0000e+00	5.7361e+01	-6.8212e-13	-1.1189e+04
	7.3896e-13	5.1728e+01	0.0000e+00	5.7361e+01	6.8212e-13	1.1571e+04
2434	-2.1600e-12	1.2189e+02	7.1054e-15	3.0937e+01	0.0000e+00	-1.7158e+04
	-2.1600e-12	1.2189e+02	7.1054e-15	3.0937e+01	-4.5475e-13	1.6970e+04
2435	3.4106e-13	5.3763e+01	-4.4409e-16	3.4448e+01	-2.2737e-13	-1.1923e+04
	3.4106e-13	5.3763e+01	-4.4409e-16	3.4448e+01	2.2737e-13	1.1733e+04
2436	1.5348e-12	7.8048e+01	5.3291e-15	-8.4731e+01	0.0000e+00	-1.4748e+04
	1.5348e-12	7.8048e+01	5.3291e-15	-8.4731e+01	0.0000e+00	1.6471e+04
2437	1.8758e-12	5.3743e+01	8.8818e-16	-2.8532e+00	0.0000e+00	-1.1621e+04
	1.8758e-12	5.3743e+01	8.8818e-16	-2.8532e+00	-2.2737e-13	1.2026e+04
2438	5.6843e-13	1.2578e+02	0.0000e+00	2.5248e+01	4.5475e-13	-1.7698e+04
	5.6843e-13	1.2578e+02	0.0000e+00	2.5248e+01	0.0000e+00	1.7521e+04
2439	1.1369e-12	5.5276e+01	4.4409e-16	2.6723e+01	0.0000e+00	-1.2262e+04
	1.1369e-12	5.5276e+01	4.4409e-16	2.6723e+01	0.0000e+00	1.2060e+04
2440	1.1369e-12	8.6205e+01	-6.6613e-16	3.0119e+01	1.7053e-13	-1.4921e+04
	1.1369e-12	8.6205e+01	-6.6613e-16	3.0119e+01	8.5265e-14	1.5251e+04
2441	-3.4106e-13	8.2128e+01	-6.6613e-16	2.2783e+01	2.2737e-13	-1.4208e+04
	-3.4106e-13	8.2128e+01	-6.6613e-16	2.2783e+01	-5.6843e-14	1.4537e+04
2442	-1.1369e-12	8.3822e+01	0.0000e+00	4.4434e+01	2.8422e-14	-1.4886e+04
	-1.1369e-12	8.3822e+01	0.0000e+00	4.4434e+01	0.0000e+00	1.4452e+04
2443	3.4106e-13	5.3026e+01	4.4409e-16	3.7089e+01	-1.1369e-13	-1.1455e+04
	3.4106e-13	5.3026e+01	4.4409e-16	3.7089e+01	1.1369e-13	1.1876e+04
2444	-2.3874e-12	1.2207e+02	0.0000e+00	2.2024e+01	-4.5475e-13	-1.7175e+04
	-2.3874e-12	1.2207e+02	0.0000e+00	2.2024e+01	0.0000e+00	1.7006e+04
2445	6.8212e-13	5.6158e+01	0.0000e+00	-7.2158e-01	0.0000e+00	-1.2527e+04
	6.8212e-13	5.6158e+01	0.0000e+00	-7.2158e-01	-4.5475e-13	1.2183e+04
2446	9.0949e-13	7.0330e+01	0.0000e+00	3.9847e+01	0.0000e+00	-1.4680e+04
	9.0949e-13	7.0330e+01	0.0000e+00	3.9847e+01	0.0000e+00	1.3452e+04
2447	1.8190e-12	8.4749e+01	-2.2204e-16	2.6524e+01	1.9895e-13	-1.5056e+04
	1.8190e-12	8.4749e+01	-2.2204e-16	2.6524e+01	-1.7053e-13	1.4606e+04
2448	3.4106e-13	5.4676e+01	1.3323e-15	3.3538e+01	1.1369e-13	-1.1817e+04
	3.4106e-13	5.4676e+01	1.3323e-15	3.3538e+01	-1.1369e-13	1.2241e+04
2449	2.7285e-12	1.2552e+02	-3.5527e-15	3.7788e+01	0.0000e+00	-1.7651e+04
	2.7285e-12	1.2552e+02	-3.5527e-15	3.7788e+01	0.0000e+00	1.7494e+04
2450	1.7053e-13	5.7138e+01	1.7764e-15	7.8018e+01	-2.2737e-13	-1.2722e+04
	1.7053e-13	5.7138e+01	1.7764e-15	7.8018e+01	0.0000e+00	1.2418e+04
2451	1.0800e-12	7.6804e+01	0.0000e+00	5.8504e+01	4.5475e-13	-1.6036e+04
	1.0800e-12	7.6804e+01	0.0000e+00	5.8504e+01	0.0000e+00	1.4686e+04
2452	4.5475e-13	4.3126e+01	1.0658e-14	-3.0318e+02	3.2401e-12	-9.8138e+03
	4.5475e-13	4.3126e+01	1.0658e-14	-3.0318e+02	3.0411e-12	8.9893e+03
2453	0.0000e+00	-3.5933e+01	-3.2863e-14	7.0950e+02	4.4338e-12	3.9809e+03
	0.0000e+00	-3.5933e+01	-3.2863e-14	7.0950e+02	1.7053e-12	-6.9428e+03
2454	0.0000e+00	4.8141e+01	-1.2434e-14	-2.2428e+02	2.2169e-12	-1.1298e+04
	0.0000e+00	4.8141e+01	-1.2434e-14	-2.2428e+02	-3.4106e-12	9.6915e+03
2455	0.0000e+00	-5.5955e+01	-4.4409e-15	6.1351e+02	1.5916e-12	6.9539e+03
	0.0000e+00	-5.5955e+01	-4.4409e-15	6.1351e+02	5.0022e-12	-1.0057e+04
2456	0.0000e+00	5.0649e+01	1.1324e-14	-1.1744e+02	3.0695e-12	-1.1997e+04

	0.0000e+00	5.0649e+01	1.1324e-14	-1.1744e+02	3.1264e-12	1.0086e+04
2457	0.0000e+00	-6.5893e+01	-3.2863e-14	4.1024e+02	4.4338e-12	8.4465e+03
	0.0000e+00	-6.5893e+01	-3.2863e-14	4.1024e+02	1.7053e-12	-1.1585e+04
2458	2.2737e-13	5.0209e+01	6.2172e-15	-2.3094e+02	-3.0695e-12	-1.1930e+04
	2.2737e-13	5.0209e+01	6.2172e-15	-2.3094e+02	2.0179e-12	9.9607e+03
2459	2.2737e-13	-6.8639e+01	-2.7534e-14	5.5593e+02	3.6380e-12	8.8921e+03
	2.2737e-13	-6.8639e+01	-2.7534e-14	5.5593e+02	2.5011e-12	-1.1974e+04
2460	0.0000e+00	4.7654e+01	1.0658e-14	-1.3180e+02	3.0695e-12	-1.1421e+04
	0.0000e+00	4.7654e+01	1.0658e-14	-1.3180e+02	3.1264e-12	9.3557e+03
2461	2.2737e-13	-6.9539e+01	-1.2434e-14	4.3822e+02	2.3874e-12	9.0675e+03
	2.2737e-13	-6.9539e+01	-1.2434e-14	4.3822e+02	4.0927e-12	-1.2072e+04
2462	4.9160e-14	4.6108e+01	-1.1102e-14	-1.5909e+02	1.9327e-12	-1.1027e+04
	4.9160e-14	4.6108e+01	-1.1102e-14	-1.5909e+02	-3.1832e-12	9.0764e+03
2463	1.6529e-13	-6.7593e+01	-7.1054e-15	4.7551e+02	1.5916e-12	8.7119e+03
	1.6529e-13	-6.7593e+01	-7.1054e-15	4.7551e+02	4.8885e-12	-1.1836e+04
2464	0.0000e+00	4.5010e+01	-1.2212e-14	-2.0528e+02	2.1032e-12	-1.0939e+04
	0.0000e+00	4.5010e+01	-1.2212e-14	-2.0528e+02	-3.3253e-12	8.6860e+03
2465	0.0000e+00	-7.4384e+01	-2.2204e-14	5.7118e+02	2.8422e-12	9.9050e+03
	0.0000e+00	-7.4384e+01	-2.2204e-14	5.7118e+02	3.2969e-12	-1.2708e+04
2466	0.0000e+00	4.3322e+01	1.3101e-14	-8.3472e+01	2.6716e-12	-1.0651e+04
	0.0000e+00	4.3322e+01	1.3101e-14	-8.3472e+01	3.5243e-12	8.2378e+03
2467	0.0000e+00	-7.7810e+01	-2.7534e-14	3.8918e+02	3.6380e-12	1.0527e+04
	0.0000e+00	-7.7810e+01	-2.7534e-14	3.8918e+02	2.5011e-12	-1.3128e+04
2468	2.2737e-13	4.1714e+01	-1.0658e-14	-1.9113e+02	1.8190e-12	-1.0317e+04
	2.2737e-13	4.1714e+01	-1.0658e-14	-1.9113e+02	-3.0127e-12	7.8700e+03
2469	-4.5475e-13	-7.9213e+01	-4.9738e-14	5.2751e+02	6.5938e-12	1.0804e+04
	-4.5475e-13	-7.9213e+01	-4.9738e-14	5.2751e+02	-5.6843e-13	-1.3277e+04
2470	4.5475e-13	3.4139e+01	1.2879e-14	-1.8827e+02	2.8990e-12	-8.5801e+03
	4.5475e-13	3.4139e+01	1.2879e-14	-1.8827e+02	3.1264e-12	6.3043e+03
2471	0.0000e+00	-7.1681e+01	-7.9936e-15	4.3379e+02	1.2506e-12	9.8448e+03
	0.0000e+00	-7.1681e+01	-7.9936e-15	4.3379e+02	5.0022e-12	-1.1946e+04
2472	0.0000e+00	3.5992e+01	-1.2212e-14	-3.6868e+01	2.1032e-12	-8.8165e+03
	0.0000e+00	3.5992e+01	-1.2212e-14	-3.6868e+01	-3.3253e-12	6.8760e+03
2473	0.0000e+00	-7.0235e+01	-3.3751e-14	4.6292e+02	4.8885e-12	9.4510e+03
	0.0000e+00	-7.0235e+01	-3.3751e-14	4.6292e+02	1.4779e-12	-1.1900e+04
2474	-1.5123e+03	2.0196e+01	1.1687e+02	-1.2411e+02	-3.4950e+04	-4.4774e+03
	-1.5123e+03	2.0196e+01	1.1687e+02	-1.2411e+02	1.4485e+04	4.0656e+03
2475	-1.9368e+00	-1.3646e+01	1.1565e+02	-1.2411e+02	-3.3671e+04	2.9664e+03
	-1.9368e+00	-1.3646e+01	1.1565e+02	-1.2411e+02	1.5249e+04	-2.8060e+03
2476	-1.2964e+02	-7.1930e+00	1.4888e+02	-1.2411e+02	-3.7725e+04	1.7347e+03
	-1.2964e+02	-7.1930e+00	1.4888e+02	-1.2411e+02	2.5253e+04	-1.3080e+03
2477	-2.6730e+03	3.5263e+01	1.5040e+02	-1.2411e+02	-3.8936e+04	-8.0441e+03
	-2.6730e+03	3.5263e+01	1.5040e+02	-1.2411e+02	2.4684e+04	6.8720e+03
2478	-4.9322e+01	-2.8646e+00	1.5539e+02	-1.2411e+02	-3.8472e+04	7.8759e+02
	-4.9322e+01	-2.8646e+00	1.5539e+02	-1.2411e+02	2.7260e+04	-4.2413e+02
2479	-1.8568e+02	-4.9130e-01	1.5603e+02	-1.2411e+02	-3.8813e+04	2.4882e+02
	-1.8568e+02	-4.9130e-01	1.5603e+02	-1.2411e+02	2.7187e+04	4.1002e+01
2480	-2.8238e+03	-5.7396e+01	1.6020e+02	-1.2411e+02	-4.0806e+04	1.4314e+04
	-2.8238e+03	-5.7396e+01	1.6020e+02	-1.2411e+02	2.6958e+04	-9.9642e+03
2481	-2.6450e+03	-5.7567e+01	1.5111e+02	-1.2411e+02	-3.7813e+04	1.4291e+04
	-2.6450e+03	-5.7567e+01	1.5111e+02	-1.2411e+02	2.6106e+04	-1.0060e+04

2482	-2.8633e+03	-5.4948e+01	1.4760e+02	-1.2411e+02	-3.8159e+04	1.3586e+04
	-2.8633e+03	-5.4948e+01	1.4760e+02	-1.2411e+02	2.4275e+04	-9.6565e+03
2483	-1.7171e+03	-5.2362e+01	1.1734e+02	-1.2411e+02	-3.5128e+04	1.3067e+04
	-1.7171e+03	-5.2362e+01	1.1734e+02	-1.2411e+02	1.4508e+04	-9.0817e+03
2484	-2.3750e+03	4.4135e+01	1.5574e+02	-1.2411e+02	-3.9028e+04	-1.0251e+04
	-2.3750e+03	4.4135e+01	1.5574e+02	-1.2411e+02	2.6852e+04	8.4184e+03
2485	-2.5176e+03	4.6848e+01	1.6400e+02	-1.2411e+02	-4.1758e+04	-1.0926e+04
	-2.5176e+03	4.6848e+01	1.6400e+02	-1.2411e+02	2.7615e+04	8.8906e+03
2486	-8.8727e+01	2.2601e+00	1.4855e+02	-1.2411e+02	-3.7593e+04	-3.3756e+02
	-8.8727e+01	2.2601e+00	1.4855e+02	-1.2411e+02	2.5243e+04	6.1846e+02
2487	-2.7248e+03	-5.2777e+01	1.5631e+02	-1.2411e+02	-3.9455e+04	1.3227e+04
	-2.7248e+03	-5.2777e+01	1.5631e+02	-1.2411e+02	2.6663e+04	-9.0980e+03
2488	-2.6525e+03	4.7113e+01	1.5220e+02	-1.2411e+02	-3.9128e+04	-1.0865e+04
	-2.6525e+03	4.7113e+01	1.5220e+02	-1.2411e+02	2.5253e+04	9.0641e+03
2489	-1.1316e+02	4.1004e+00	1.5579e+02	-1.2411e+02	-3.8660e+04	-8.5079e+02
	-1.1316e+02	4.1004e+00	1.5579e+02	-1.2411e+02	2.7239e+04	8.8370e+02
2490	-2.8988e+03	-5.3632e+01	1.4696e+02	-1.2411e+02	-3.7729e+04	1.3342e+04
	-2.8988e+03	-5.3632e+01	1.4696e+02	-1.2411e+02	2.4434e+04	-9.3440e+03
2491	-2.9601e+03	-4.9991e+01	1.5173e+02	-1.2411e+02	-3.9373e+04	1.2468e+04
	-2.9601e+03	-4.9991e+01	1.5173e+02	-1.2411e+02	2.4811e+04	-8.6786e+03
2492	-2.3853e+03	4.3961e+01	1.6026e+02	-1.2411e+02	-4.0484e+04	-9.8798e+03
	-2.3853e+03	4.3961e+01	1.6026e+02	-1.2411e+02	2.7304e+04	8.7155e+03
2493	-1.4863e+02	7.7552e+00	1.4875e+02	-1.2411e+02	-3.7773e+04	-1.5441e+03
	-1.4863e+02	7.7552e+00	1.4875e+02	-1.2411e+02	2.5147e+04	1.7364e+03
2494	-2.7084e+03	5.1618e+01	1.5400e+02	-1.2411e+02	-3.9972e+04	-1.1936e+04
	-2.7084e+03	5.1618e+01	1.5400e+02	-1.2411e+02	2.5169e+04	9.8980e+03
2495	-2.6450e+03	-4.7294e+01	1.5242e+02	-1.2411e+02	-3.8089e+04	1.1783e+04
	-2.6450e+03	-4.7294e+01	1.5242e+02	-1.2411e+02	2.6385e+04	-8.2227e+03
2496	-5.4675e+01	1.1277e+01	1.5526e+02	-1.2411e+02	-3.8418e+04	-2.2972e+03
	-5.4675e+01	1.1277e+01	1.5526e+02	-1.2411e+02	2.7259e+04	2.4728e+03
2497	-2.3638e+03	5.5374e+01	1.5640e+02	-1.2411e+02	-3.9163e+04	-1.2901e+04
	-2.3638e+03	5.5374e+01	1.5640e+02	-1.2411e+02	2.6995e+04	1.0522e+04
2498	-2.7627e+03	-4.5354e+01	1.6224e+02	-1.2411e+02	-4.1242e+04	1.1338e+04
	-2.7627e+03	-4.5354e+01	1.6224e+02	-1.2411e+02	2.7384e+04	-7.8472e+03
2499	-1.8652e+02	1.3624e+01	1.5619e+02	-1.2411e+02	-3.8809e+04	-2.8218e+03
	-1.8652e+02	1.3624e+01	1.5619e+02	-1.2411e+02	2.7258e+04	2.9410e+03
2500	-2.4994e+03	5.6761e+01	1.6528e+02	-1.2411e+02	-4.2026e+04	-1.3246e+04
	-2.4994e+03	5.6761e+01	1.6528e+02	-1.2411e+02	2.7889e+04	1.0764e+04
2501	-2.5754e+03	-3.6710e+01	1.4667e+02	-1.2411e+02	-3.8047e+04	9.1835e+03
	-2.5754e+03	-3.6710e+01	1.4667e+02	-1.2411e+02	2.3992e+04	-6.3448e+03
2502	-8.6663e+01	1.5294e+01	1.4738e+02	-1.2411e+02	-3.7535e+04	-3.1800e+03
	-8.6663e+01	1.5294e+01	1.4738e+02	-1.2411e+02	2.4808e+04	3.2893e+03
2503	-2.4444e+03	5.1433e+01	1.5319e+02	-1.2411e+02	-3.9673e+04	-1.1892e+04
	-2.4444e+03	5.1433e+01	1.5319e+02	-1.2411e+02	2.5128e+04	9.8643e+03
2504	-2.2399e+03	-4.0620e+01	9.2839e+01	-1.2411e+02	-2.6739e+04	1.0346e+04
	-2.2399e+03	-4.0620e+01	9.2839e+01	-1.2411e+02	1.2532e+04	-6.8361e+03
2505	-1.7799e+02	1.6656e+01	1.0439e+02	-1.2411e+02	-2.9638e+04	-3.8543e+03
	-1.7799e+02	1.6656e+01	1.0439e+02	-1.2411e+02	1.4520e+04	3.1912e+03
2506	-1.7950e+03	4.9179e+01	1.0303e+02	-1.2411e+02	-2.9793e+04	-1.1293e+04
	-1.7950e+03	4.9179e+01	1.0303e+02	-1.2411e+02	1.3787e+04	9.5095e+03
2530	0.0000e+00	-1.4101e+01	0.0000e+00	5.4296e+02	0.0000e+00	3.4365e+03

	0.0000e+00	-1.4101e+01	0.0000e+00	5.4296e+02	0.0000e+00	2.8019e+03
	0.0000e+00	-3.8833e+01	0.0000e+00	2.0780e+03	0.0000e+00	1.1411e+04
	0.0000e+00	-3.8833e+01	0.0000e+00	2.0780e+03	0.0000e+00	-2.1415e+03
2531	0.0000e+00	-2.1213e+00	0.0000e+00	1.8230e+02	0.0000e+00	1.8127e+03
	0.0000e+00	-2.1213e+00	0.0000e+00	1.8230e+02	0.0000e+00	1.7172e+03
	0.0000e+00	-3.6613e+01	0.0000e+00	8.2193e+01	0.0000e+00	8.2777e+03
	0.0000e+00	-3.6613e+01	0.0000e+00	8.2193e+01	0.0000e+00	-4.5002e+03
2532	0.0000e+00	2.7093e+00	0.0000e+00	5.4194e+02	0.0000e+00	2.3778e+03
	0.0000e+00	2.7093e+00	0.0000e+00	5.4194e+02	0.0000e+00	2.4997e+03
	0.0000e+00	-5.3075e+01	0.0000e+00	-3.3712e+02	0.0000e+00	1.1321e+04
	0.0000e+00	-5.3075e+01	0.0000e+00	-3.3712e+02	0.0000e+00	-7.2020e+03
2533	0.0000e+00	5.5913e+00	0.0000e+00	-5.3480e+00	0.0000e+00	2.2344e+03
	0.0000e+00	5.5913e+00	0.0000e+00	-5.3480e+00	0.0000e+00	2.4860e+03
	0.0000e+00	-5.2397e+01	0.0000e+00	2.3917e+02	0.0000e+00	1.1262e+04
	0.0000e+00	-5.2397e+01	0.0000e+00	2.3917e+02	0.0000e+00	-7.0249e+03
2534	0.0000e+00	3.6592e-01	0.0000e+00	3.8706e+02	0.0000e+00	2.3567e+03
	0.0000e+00	3.6592e-01	0.0000e+00	3.8706e+02	0.0000e+00	2.3732e+03
	0.0000e+00	-5.1649e+01	0.0000e+00	-1.9478e+02	0.0000e+00	1.1132e+04
	0.0000e+00	-5.1649e+01	0.0000e+00	-1.9478e+02	0.0000e+00	-6.8931e+03
2535	0.0000e+00	4.5419e+00	0.0000e+00	2.2432e+02	0.0000e+00	2.2555e+03
	0.0000e+00	4.5419e+00	0.0000e+00	2.2432e+02	0.0000e+00	2.4599e+03
	0.0000e+00	-5.0400e+01	0.0000e+00	1.5138e+01	0.0000e+00	1.1306e+04
	0.0000e+00	-5.0400e+01	0.0000e+00	1.5138e+01	0.0000e+00	-6.2838e+03
2536	0.0000e+00	1.6437e+00	0.0000e+00	9.1844e+01	0.0000e+00	2.2236e+03
	0.0000e+00	1.6437e+00	0.0000e+00	9.1844e+01	0.0000e+00	2.2976e+03
	0.0000e+00	-4.9590e+01	0.0000e+00	1.4162e+02	0.0000e+00	1.0816e+04
	0.0000e+00	-4.9590e+01	0.0000e+00	1.4162e+02	0.0000e+00	-6.4906e+03
2537	0.0000e+00	5.4899e+00	0.0000e+00	4.4851e+02	0.0000e+00	2.2674e+03
	0.0000e+00	5.4899e+00	0.0000e+00	4.4851e+02	0.0000e+00	2.5144e+03
	0.0000e+00	-5.2017e+01	0.0000e+00	-2.3177e+02	0.0000e+00	1.1415e+04
	0.0000e+00	-5.2017e+01	0.0000e+00	-2.3177e+02	0.0000e+00	-6.7393e+03
2538	0.0000e+00	7.6242e+00	0.0000e+00	-7.1498e+01	0.0000e+00	2.1066e+03
	0.0000e+00	7.6242e+00	0.0000e+00	-7.1498e+01	0.0000e+00	2.4497e+03
	0.0000e+00	-5.1695e+01	0.0000e+00	3.5952e+02	0.0000e+00	1.1098e+04
	0.0000e+00	-5.1695e+01	0.0000e+00	3.5952e+02	0.0000e+00	-6.9432e+03
2539	0.0000e+00	-1.0736e+00	0.0000e+00	1.2604e+02	0.0000e+00	1.9410e+03
	0.0000e+00	-1.0736e+00	0.0000e+00	1.2604e+02	0.0000e+00	1.8926e+03
	0.0000e+00	-4.3662e+01	0.0000e+00	3.2300e+00	0.0000e+00	9.0345e+03
	0.0000e+00	-4.3662e+01	0.0000e+00	3.2300e+00	0.0000e+00	-6.2035e+03
2540	0.0000e+00	-2.4178e+00	0.0000e+00	-1.9361e+02	0.0000e+00	2.2161e+03
	0.0000e+00	-2.4178e+00	0.0000e+00	-1.9361e+02	0.0000e+00	2.1073e+03
	0.0000e+00	-3.1199e+01	0.0000e+00	-1.6354e+03	0.0000e+00	8.9282e+03
	0.0000e+00	-3.1199e+01	0.0000e+00	-1.6354e+03	0.0000e+00	-1.9601e+03

Condizione "(1) Torcente di piano SLO"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-1.0316e-03	0.0000e+00	7.1183e+00	0.0000e+00	1.8453e-01
	0.0000e+00	-1.0316e-03	0.0000e+00	7.1183e+00	0.0000e+00	-8.3760e-03
630	0.0000e+00	4.3433e+01	0.0000e+00	-1.3762e+02	0.0000e+00	-2.4161e+03
	0.0000e+00	4.3433e+01	0.0000e+00	-1.3762e+02	0.0000e+00	5.7058e+03
631	0.0000e+00	-4.3338e+01	0.0000e+00	-1.3979e+02	0.0000e+00	2.4092e+03
	0.0000e+00	-4.3338e+01	0.0000e+00	-1.3979e+02	0.0000e+00	-5.6950e+03

632	1.4463e+01	-1.5716e+01	-3.8437e-01	-8.9626e+00	5.4502e+01	1.9331e+03
	1.4463e+01	-1.5716e+01	-3.8437e-01	-8.9626e+00	7.2241e+00	-9.0949e-13
633	-7.0011e+00	8.3740e+00	-3.4692e-01	-8.3573e+00	4.9407e+01	-1.0300e+03
	-7.0011e+00	8.3740e+00	-3.4692e-01	-8.3573e+00	6.7362e+00	0.0000e+00
634	-2.5699e+00	3.2460e+00	-3.3138e-01	-7.6012e+00	4.6887e+01	-3.9926e+02
	-2.5699e+00	3.2460e+00	-3.3138e-01	-7.6012e+00	6.1268e+00	1.8190e-12
635	-1.3829e+00	1.8793e+00	-3.2789e-01	-7.3268e+00	4.6236e+01	-2.3115e+02
	-1.3829e+00	1.8793e+00	-3.2789e-01	-7.3268e+00	5.9057e+00	3.6380e-12
636	-5.6630e-01	7.3791e-01	-3.2045e-01	-7.0239e+00	4.5077e+01	-9.0763e+01
	-5.6630e-01	7.3791e-01	-3.2045e-01	-7.0239e+00	5.6615e+00	9.0949e-13
637	8.5695e-03	-7.3933e-03	-3.1828e-01	-6.9471e+00	4.4748e+01	9.0938e-01
	8.5695e-03	-7.3933e-03	-3.1828e-01	-6.9471e+00	5.5996e+00	0.0000e+00
638	5.8065e-01	-7.4839e-01	-3.1892e-01	-7.0117e+00	4.4879e+01	9.2052e+01
	5.8065e-01	-7.4839e-01	-3.1892e-01	-7.0117e+00	5.6517e+00	1.8190e-12
639	1.3807e+00	-1.8669e+00	-3.2428e-01	-7.2982e+00	4.5769e+01	2.2963e+02
	1.3807e+00	-1.8669e+00	-3.2428e-01	-7.2982e+00	5.8826e+00	1.8190e-12
640	2.4998e+00	-3.1491e+00	-3.2618e-01	-7.5576e+00	4.6212e+01	3.8734e+02
	2.4998e+00	-3.1491e+00	-3.2618e-01	-7.5576e+00	6.0917e+00	0.0000e+00
641	7.2657e+00	-8.7390e+00	-3.3848e-01	-8.2990e+00	4.8322e+01	1.0749e+03
	7.2657e+00	-8.7390e+00	-3.3848e-01	-8.2990e+00	6.6893e+00	3.6380e-12
642	-1.4607e+01	1.5990e+01	-4.0353e-01	-9.8134e+00	5.7544e+01	-1.9667e+03
	-1.4607e+01	1.5990e+01	-4.0353e-01	-9.8134e+00	7.9099e+00	0.0000e+00
654	0.0000e+00	-7.9055e+00	0.0000e+00	-1.3619e+03	0.0000e+00	-5.7978e+02
	0.0000e+00	4.3316e+01	0.0000e+00	-2.4161e+03	0.0000e+00	1.3762e+02
655	0.0000e+00	-2.7715e-01	0.0000e+00	-7.4096e+02	0.0000e+00	1.0027e+02
	0.0000e+00	-5.0910e+00	0.0000e+00	-1.3619e+03	0.0000e+00	-5.7978e+02
656	0.0000e+00	-3.9079e-01	0.0000e+00	-5.1950e+02	0.0000e+00	3.4756e+01
	0.0000e+00	8.2198e-01	0.0000e+00	-7.4096e+02	0.0000e+00	1.0027e+02
657	0.0000e+00	-2.0609e-01	0.0000e+00	-3.3876e+02	0.0000e+00	7.3875e+00
	0.0000e+00	5.8667e-01	0.0000e+00	-5.1950e+02	0.0000e+00	3.4756e+01
658	0.0000e+00	-3.4077e-02	0.0000e+00	-2.9901e+02	0.0000e+00	3.4035e+00
	0.0000e+00	1.0216e-01	0.0000e+00	-3.3876e+02	0.0000e+00	7.3875e+00
659	0.0000e+00	1.0651e-01	0.0000e+00	-3.3819e+02	0.0000e+00	-7.6440e+00
	0.0000e+00	-3.9061e-02	0.0000e+00	-2.9882e+02	0.0000e+00	-3.7148e+00
660	0.0000e+00	5.9571e-01	0.0000e+00	-5.1821e+02	0.0000e+00	-3.5181e+01
	0.0000e+00	-2.1139e-01	0.0000e+00	-3.3819e+02	0.0000e+00	-7.6440e+00
661	0.0000e+00	8.3827e-01	0.0000e+00	-7.3897e+02	0.0000e+00	-1.0198e+02
	0.0000e+00	-3.9717e-01	0.0000e+00	-5.1821e+02	0.0000e+00	-3.5181e+01
662	0.0000e+00	-5.1529e+00	0.0000e+00	-1.3581e+03	0.0000e+00	5.8618e+02
	0.0000e+00	-2.8573e-01	0.0000e+00	-7.3897e+02	0.0000e+00	-1.0198e+02
663	0.0000e+00	4.3505e+01	0.0000e+00	-2.4092e+03	0.0000e+00	-1.3979e+02
	0.0000e+00	-7.8976e+00	0.0000e+00	-1.3581e+03	0.0000e+00	5.8618e+02
664	0.0000e+00	5.0180e+00	0.0000e+00	1.4391e+03	0.0000e+00	3.2334e+02
	0.0000e+00	-2.4576e+01	0.0000e+00	6.0080e+02	0.0000e+00	-5.2006e+01
665	0.0000e+00	2.0656e+00	0.0000e+00	2.9379e+02	0.0000e+00	-1.6228e+02
	0.0000e+00	1.9578e+00	0.0000e+00	-7.8750e+02	0.0000e+00	2.8076e+02
666	0.0000e+00	2.1472e+00	0.0000e+00	-3.2467e+02	0.0000e+00	-1.5469e+02
	0.0000e+00	-2.6559e+00	0.0000e+00	-9.2704e+02	0.0000e+00	-2.3267e+02
667	0.0000e+00	8.7663e-01	0.0000e+00	-6.7368e+02	0.0000e+00	-2.3548e+01
	0.0000e+00	-2.5987e+00	0.0000e+00	-1.2646e+03	0.0000e+00	-1.7958e+02
668	0.0000e+00	-2.8952e-02	0.0000e+00	-8.4515e+02	0.0000e+00	1.9038e+01

	0.0000e+00	-6.7433e-01	0.0000e+00	-9.8926e+02	0.0000e+00	-6.1114e+01
669	0.0000e+00	-6.6521e-01	0.0000e+00	-9.8880e+02	0.0000e+00	6.0488e+01
	0.0000e+00	-3.7725e-02	0.0000e+00	-8.4431e+02	0.0000e+00	-1.9547e+01
670	0.0000e+00	-2.6005e+00	0.0000e+00	-1.2628e+03	0.0000e+00	1.7892e+02
	0.0000e+00	8.7131e-01	0.0000e+00	-6.7199e+02	0.0000e+00	2.3112e+01
671	0.0000e+00	-2.6986e+00	0.0000e+00	-9.2628e+02	0.0000e+00	2.3741e+02
	0.0000e+00	2.1477e+00	0.0000e+00	-3.2430e+02	0.0000e+00	1.5443e+02
672	0.0000e+00	2.1187e+00	0.0000e+00	-8.0104e+02	0.0000e+00	-2.9701e+02
	0.0000e+00	2.0919e+00	0.0000e+00	2.8255e+02	0.0000e+00	1.6772e+02
673	0.0000e+00	-2.4732e+01	0.0000e+00	6.3157e+02	0.0000e+00	5.5460e+01
	0.0000e+00	4.9072e+00	0.0000e+00	1.4686e+03	0.0000e+00	-3.3848e+02
2422	0.0000e+00	1.8365e+00	2.8422e-14	2.4855e+02	0.0000e+00	-3.5023e+02
	0.0000e+00	1.8365e+00	2.8422e-14	2.4855e+02	0.0000e+00	3.8439e+02
2423	-2.2737e-13	1.2490e+00	-1.4211e-14	2.0298e+02	0.0000e+00	-2.7237e+02
	-2.2737e-13	1.2490e+00	-1.4211e-14	2.0298e+02	0.0000e+00	2.7717e+02
2424	0.0000e+00	2.8136e+00	-5.6843e-14	1.9518e+02	0.0000e+00	-3.9285e+02
	0.0000e+00	2.8136e+00	-5.6843e-14	1.9518e+02	0.0000e+00	3.9497e+02
2425	0.0000e+00	1.2168e+00	0.0000e+00	2.1688e+02	-1.8190e-12	-2.7144e+02
	0.0000e+00	1.2168e+00	0.0000e+00	2.1688e+02	0.0000e+00	2.6393e+02
2426	-2.2737e-13	1.9102e+00	0.0000e+00	2.0555e+02	-9.0949e-13	-3.2999e+02
	-2.2737e-13	1.9102e+00	0.0000e+00	2.0555e+02	-4.5475e-13	3.3860e+02
2427	-4.5475e-13	1.9102e+00	0.0000e+00	2.0555e+02	1.8190e-12	-3.3860e+02
	-4.5475e-13	1.9102e+00	0.0000e+00	2.0555e+02	-1.8190e-12	3.2999e+02
2428	0.0000e+00	1.2168e+00	0.0000e+00	2.1688e+02	-1.8190e-12	-2.6393e+02
	0.0000e+00	1.2168e+00	0.0000e+00	2.1688e+02	1.8190e-12	2.7144e+02
2429	2.2737e-13	2.8136e+00	0.0000e+00	1.9518e+02	0.0000e+00	-3.9496e+02
	2.2737e-13	2.8136e+00	0.0000e+00	1.9518e+02	0.0000e+00	3.9284e+02
2430	0.0000e+00	1.2492e+00	0.0000e+00	2.0300e+02	0.0000e+00	-2.7724e+02
	0.0000e+00	1.2492e+00	0.0000e+00	2.0300e+02	0.0000e+00	2.7242e+02
2431	2.2737e-13	1.8358e+00	2.8422e-14	2.4848e+02	0.0000e+00	-3.8423e+02
	2.2737e-13	1.8358e+00	2.8422e-14	2.4848e+02	0.0000e+00	3.5010e+02
2432	0.0000e+00	-1.5772e+01	2.8422e-14	5.7434e+02	0.0000e+00	3.0107e+03
	0.0000e+00	-1.5772e+01	2.8422e-14	5.7434e+02	0.0000e+00	-3.2982e+03
2433	0.0000e+00	-1.0557e+01	-1.4211e-14	5.6447e+02	-7.2760e-12	2.2970e+03
	0.0000e+00	-1.0557e+01	-1.4211e-14	5.6447e+02	3.6380e-12	-2.3481e+03
2434	0.0000e+00	-2.4477e+01	0.0000e+00	5.5596e+02	-1.4552e-11	3.4300e+03
	0.0000e+00	-2.4477e+01	0.0000e+00	5.5596e+02	0.0000e+00	-3.4236e+03
2435	9.0949e-13	-1.0773e+01	0.0000e+00	5.5708e+02	-1.8190e-12	2.3942e+03
	9.0949e-13	-1.0773e+01	0.0000e+00	5.5708e+02	1.8190e-12	-2.3459e+03
2436	0.0000e+00	1.4345e+01	2.8422e-14	4.9355e+02	0.0000e+00	-2.7384e+03
	0.0000e+00	1.4345e+01	2.8422e-14	4.9355e+02	0.0000e+00	2.9997e+03
2437	0.0000e+00	9.3828e+00	0.0000e+00	4.6619e+02	0.0000e+00	-2.0424e+03
	0.0000e+00	9.3828e+00	0.0000e+00	4.6619e+02	0.0000e+00	2.0861e+03
2438	0.0000e+00	2.1930e+01	0.0000e+00	4.6049e+02	7.2760e-12	-3.0743e+03
	0.0000e+00	2.1930e+01	0.0000e+00	4.6049e+02	-7.2760e-12	3.0661e+03
2439	0.0000e+00	9.7284e+00	0.0000e+00	4.7013e+02	-3.6380e-12	-2.1605e+03
	0.0000e+00	9.7284e+00	0.0000e+00	4.7013e+02	0.0000e+00	2.1200e+03
2440	1.8190e-12	1.4909e+01	0.0000e+00	4.6476e+02	-1.8190e-12	-2.5826e+03
	1.8190e-12	1.4909e+01	0.0000e+00	4.6476e+02	1.8190e-12	2.6355e+03
2441	0.0000e+00	-1.6616e+01	0.0000e+00	5.5680e+02	0.0000e+00	2.8769e+03
	0.0000e+00	-1.6616e+01	0.0000e+00	5.5680e+02	4.5475e-13	-2.9386e+03

2442	0.0000e+00	-1.6616e+01	0.0000e+00	5.5680e+02	4.5475e-13	2.9386e+03
	0.0000e+00	-1.6616e+01	0.0000e+00	5.5680e+02	0.0000e+00	-2.8769e+03
2443	0.0000e+00	-1.0773e+01	1.4211e-14	5.5708e+02	0.0000e+00	2.3459e+03
	0.0000e+00	-1.0773e+01	1.4211e-14	5.5708e+02	0.0000e+00	-2.3942e+03
2444	0.0000e+00	-2.4477e+01	0.0000e+00	5.5595e+02	-7.2760e-12	3.4235e+03
	0.0000e+00	-2.4477e+01	0.0000e+00	5.5595e+02	7.2760e-12	-3.4299e+03
2445	0.0000e+00	-1.0557e+01	0.0000e+00	5.6447e+02	0.0000e+00	2.3480e+03
	0.0000e+00	-1.0557e+01	0.0000e+00	5.6447e+02	-3.6380e-12	-2.2970e+03
2446	-9.0949e-13	-1.5774e+01	0.0000e+00	5.7438e+02	0.0000e+00	3.2985e+03
	-9.0949e-13	-1.5774e+01	0.0000e+00	5.7438e+02	0.0000e+00	-3.0110e+03
2447	0.0000e+00	1.4909e+01	0.0000e+00	4.6476e+02	2.2737e-12	-2.6355e+03
	0.0000e+00	1.4909e+01	0.0000e+00	4.6476e+02	0.0000e+00	2.5826e+03
2448	-9.0949e-13	9.7285e+00	7.1054e-15	4.7013e+02	0.0000e+00	-2.1200e+03
	-9.0949e-13	9.7285e+00	7.1054e-15	4.7013e+02	0.0000e+00	2.1605e+03
2449	0.0000e+00	2.1930e+01	-5.6843e-14	4.6050e+02	0.0000e+00	-3.0661e+03
	0.0000e+00	2.1930e+01	-5.6843e-14	4.6050e+02	0.0000e+00	3.0743e+03
2450	0.0000e+00	9.3842e+00	0.0000e+00	4.6622e+02	-3.6380e-12	-2.0864e+03
	0.0000e+00	9.3842e+00	0.0000e+00	4.6622e+02	0.0000e+00	2.0426e+03
2451	0.0000e+00	1.4341e+01	0.0000e+00	4.9342e+02	7.2760e-12	-2.9989e+03
	0.0000e+00	1.4341e+01	0.0000e+00	4.9342e+02	0.0000e+00	2.7376e+03
2452	0.0000e+00	1.2154e+02	0.0000e+00	1.8012e+03	0.0000e+00	-2.2378e+04
	0.0000e+00	1.2154e+02	0.0000e+00	1.8012e+03	-1.3642e-12	3.0615e+04
2453	0.0000e+00	1.9971e+02	-1.4211e-14	1.7495e+03	1.8190e-12	-3.4723e+04
	0.0000e+00	1.9971e+02	-1.4211e-14	1.7495e+03	-3.6380e-12	2.5988e+04
2454	0.0000e+00	9.5618e+01	-3.5527e-15	1.3530e+03	9.0949e-13	-1.7536e+04
	0.0000e+00	9.5618e+01	-3.5527e-15	1.3530e+03	-9.0949e-13	2.4154e+04
2455	0.0000e+00	1.5738e+02	1.4211e-14	1.2957e+03	0.0000e+00	-2.7417e+04
	0.0000e+00	1.5738e+02	1.4211e-14	1.2957e+03	0.0000e+00	2.0428e+04
2456	0.0000e+00	6.7791e+01	-7.1054e-15	1.2673e+03	0.0000e+00	-1.2457e+04
	0.0000e+00	6.7791e+01	-7.1054e-15	1.2673e+03	0.0000e+00	1.7099e+04
2457	0.0000e+00	1.1081e+02	-1.4211e-14	1.2101e+03	1.8190e-12	-1.9306e+04
	0.0000e+00	1.1081e+02	-1.4211e-14	1.2101e+03	-3.6380e-12	1.4381e+04
2458	-3.6380e-12	4.9781e+01	-7.1054e-15	1.2714e+03	0.0000e+00	-9.1589e+03
	-3.6380e-12	4.9781e+01	-7.1054e-15	1.2714e+03	-4.5475e-13	1.2546e+04
2459	0.0000e+00	8.1080e+01	0.0000e+00	1.2246e+03	3.6380e-12	-1.4125e+04
	0.0000e+00	8.1080e+01	0.0000e+00	1.2246e+03	-1.8190e-12	1.0523e+04
2460	0.0000e+00	2.2220e+01	-7.1054e-15	1.3570e+03	-1.8190e-12	-4.0804e+03
	0.0000e+00	2.2220e+01	-7.1054e-15	1.3570e+03	9.0949e-13	5.6077e+03
2461	0.0000e+00	3.6465e+01	1.4211e-14	1.2971e+03	1.8190e-12	-6.3509e+03
	0.0000e+00	3.6465e+01	1.4211e-14	1.2971e+03	-1.8190e-12	4.7344e+03
2462	1.6480e-18	2.2890e-04	0.0000e+00	1.2713e+03	0.0000e+00	-4.8133e-02
	1.6480e-18	2.2890e-04	0.0000e+00	1.2713e+03	0.0000e+00	5.1668e-02
2463	2.0633e-18	1.4688e-05	0.0000e+00	1.2195e+03	3.6380e-12	-9.9770e-03
	2.0633e-18	1.4688e-05	0.0000e+00	1.2195e+03	-3.6380e-12	-5.5118e-03
2464	0.0000e+00	-2.2220e+01	3.5527e-15	1.3570e+03	0.0000e+00	4.0803e+03
	0.0000e+00	-2.2220e+01	3.5527e-15	1.3570e+03	-4.5475e-13	-5.6076e+03
2465	0.0000e+00	-3.6465e+01	-1.4211e-14	1.2971e+03	3.6380e-12	6.3509e+03
	0.0000e+00	-3.6465e+01	-1.4211e-14	1.2971e+03	-1.8190e-12	-4.7344e+03
2466	0.0000e+00	-4.9781e+01	-3.5527e-15	1.2714e+03	-9.0949e-13	9.1589e+03
	0.0000e+00	-4.9781e+01	-3.5527e-15	1.2714e+03	0.0000e+00	-1.2546e+04
2467	0.0000e+00	-8.1080e+01	0.0000e+00	1.2246e+03	3.6380e-12	1.4125e+04

	0.0000e+00	-8.1080e+01	0.0000e+00	1.2246e+03	-1.8190e-12	-1.0523e+04
2468	3.6380e-12	-6.7791e+01	3.5527e-15	1.2673e+03	0.0000e+00	1.2457e+04
	3.6380e-12	-6.7791e+01	3.5527e-15	1.2673e+03	0.0000e+00	-1.7099e+04
2469	-7.2760e-12	-1.1081e+02	0.0000e+00	1.2101e+03	0.0000e+00	1.9306e+04
	-7.2760e-12	-1.1081e+02	0.0000e+00	1.2101e+03	0.0000e+00	-1.4381e+04
2470	7.2760e-12	-9.5619e+01	0.0000e+00	1.3530e+03	9.0949e-13	1.7536e+04
	7.2760e-12	-9.5619e+01	0.0000e+00	1.3530e+03	-9.0949e-13	-2.4154e+04
2471	0.0000e+00	-1.5738e+02	1.4211e-14	1.2957e+03	0.0000e+00	2.7416e+04
	0.0000e+00	-1.5738e+02	1.4211e-14	1.2957e+03	0.0000e+00	-2.0427e+04
2472	0.0000e+00	-1.2154e+02	3.5527e-15	1.8011e+03	0.0000e+00	2.2377e+04
	0.0000e+00	-1.2154e+02	3.5527e-15	1.8011e+03	-9.0949e-13	-3.0614e+04
2473	0.0000e+00	-1.9972e+02	0.0000e+00	1.7496e+03	1.8190e-12	3.4725e+04
	0.0000e+00	-1.9972e+02	0.0000e+00	1.7496e+03	0.0000e+00	-2.5990e+04
2474	-1.8736e+02	-1.8987e+02	3.1038e+01	-2.0076e+03	-8.3473e+03	4.5098e+04
	-1.8736e+02	-1.8987e+02	3.1038e+01	-2.0076e+03	4.7819e+03	-3.5217e+04
2475	8.0002e+01	-2.4067e+02	2.9704e+00	-2.0076e+03	-8.2039e+02	5.3189e+04
	8.0002e+01	-2.4067e+02	2.9704e+00	-2.0076e+03	4.3610e+02	-4.8614e+04
2476	6.1177e+01	-1.8536e+02	3.9666e+00	-2.0076e+03	-9.9313e+02	4.0491e+04
	6.1177e+01	-1.8536e+02	3.9666e+00	-2.0076e+03	6.8475e+02	-3.7918e+04
2477	-1.5663e+02	-1.4608e+02	3.4866e+01	-2.0076e+03	-8.5961e+03	3.4403e+04
	-1.5663e+02	-1.4608e+02	3.4866e+01	-2.0076e+03	6.1523e+03	-2.7389e+04
2478	4.4587e+01	-1.3121e+02	4.1304e+00	-2.0076e+03	-1.0226e+03	2.8669e+04
	4.4587e+01	-1.3121e+02	4.1304e+00	-2.0076e+03	7.2454e+02	-2.6830e+04
2479	2.9701e+01	-9.6432e+01	3.9475e+00	-2.0076e+03	-9.6613e+02	2.1087e+04
	2.9701e+01	-9.6432e+01	3.9475e+00	-2.0076e+03	7.0366e+02	-1.9704e+04
2480	6.4363e+01	-7.0277e+01	-3.9652e+01	-2.0076e+03	9.6798e+03	1.7180e+04
	6.4363e+01	-7.0277e+01	-3.9652e+01	-2.0076e+03	-7.0930e+03	-1.2547e+04
2481	5.5812e+01	-9.5851e+01	-3.9127e+01	-2.0076e+03	9.5172e+03	2.3454e+04
	5.5812e+01	-9.5851e+01	-3.9127e+01	-2.0076e+03	-7.0337e+03	-1.7091e+04
2482	1.0749e+02	-1.3576e+02	-3.8441e+01	-2.0076e+03	9.5026e+03	3.3281e+04
	1.0749e+02	-1.3576e+02	-3.8441e+01	-2.0076e+03	-6.7580e+03	-2.4144e+04
2483	9.0882e+01	-1.7692e+02	-3.3485e+01	-2.0076e+03	9.0185e+03	4.3646e+04
	9.0882e+01	-1.7692e+02	-3.3485e+01	-2.0076e+03	-5.1458e+03	-3.1189e+04
2484	-9.6650e+01	-1.0274e+02	3.5185e+01	-2.0076e+03	-8.5328e+03	2.4157e+04
	-9.6650e+01	-1.0274e+02	3.5185e+01	-2.0076e+03	6.3505e+03	-1.9301e+04
2485	-9.1862e+01	-7.5167e+01	3.6031e+01	-2.0076e+03	-8.7904e+03	1.7661e+04
	-9.1862e+01	-7.5167e+01	3.6031e+01	-2.0076e+03	6.4507e+03	-1.4135e+04
2486	1.4938e+01	-4.3050e+01	3.8949e+00	-2.0076e+03	-9.7759e+02	9.4065e+03
	1.4938e+01	-4.3050e+01	3.8949e+00	-2.0076e+03	6.6995e+02	-8.8035e+03
2487	-7.9480e-03	-2.9680e-04	-3.9475e+01	-2.0076e+03	9.6271e+03	7.3957e-02
	-7.9480e-03	-2.9680e-04	-3.9475e+01	-2.0076e+03	-7.0706e+03	-5.1590e-02
2488	-3.0834e+01	-3.3801e+01	3.4721e+01	-2.0076e+03	-8.5622e+03	7.9522e+03
	-3.0834e+01	-3.3801e+01	3.4721e+01	-2.0076e+03	6.1249e+03	-6.3456e+03
2489	-2.0701e-04	-2.0272e-04	4.0220e+00	-2.0076e+03	-9.8950e+02	4.3702e-02
	-2.0701e-04	-2.0272e-04	4.0220e+00	-2.0076e+03	7.1181e+02	-4.2048e-02
2490	1.6777e+01	-3.1477e+01	-3.8312e+01	-2.0076e+03	9.4704e+03	7.7074e+03
	1.6777e+01	-3.1477e+01	-3.8312e+01	-2.0076e+03	-6.7354e+03	-5.6074e+03
2491	-1.6790e+01	3.1477e+01	-3.8312e+01	-2.0076e+03	9.4704e+03	-7.7073e+03
	-1.6790e+01	3.1477e+01	-3.8312e+01	-2.0076e+03	-6.7354e+03	5.6073e+03
2492	-4.0261e-03	-5.3555e-05	3.5744e+01	-2.0076e+03	-8.7035e+03	1.2642e-02
	-4.0261e-03	-5.3555e-05	3.5744e+01	-2.0076e+03	6.4163e+03	-1.0011e-02

2493	-1.4939e+01	4.3049e+01	3.8949e+00	-2.0076e+03	-9.7758e+02	-9.4064e+03
	-1.4939e+01	4.3049e+01	3.8949e+00	-2.0076e+03	6.6995e+02	8.8034e+03
2494	3.0825e+01	3.3801e+01	3.4721e+01	-2.0076e+03	-8.5621e+03	-7.9522e+03
	3.0825e+01	3.3801e+01	3.4721e+01	-2.0076e+03	6.1249e+03	6.3456e+03
2495	-6.4362e+01	7.0277e+01	-3.9652e+01	-2.0076e+03	9.6797e+03	-1.7180e+04
	-6.4362e+01	7.0277e+01	-3.9652e+01	-2.0076e+03	-7.0929e+03	1.2547e+04
2496	-2.9701e+01	9.6432e+01	3.9474e+00	-2.0076e+03	-9.6612e+02	-2.1087e+04
	-2.9701e+01	9.6432e+01	3.9474e+00	-2.0076e+03	7.0365e+02	1.9704e+04
2497	9.1848e+01	7.5167e+01	3.6031e+01	-2.0076e+03	-8.7903e+03	-1.7661e+04
	9.1848e+01	7.5167e+01	3.6031e+01	-2.0076e+03	6.4506e+03	1.4135e+04
2498	-5.5750e+01	9.5851e+01	-3.9127e+01	-2.0076e+03	9.5171e+03	-2.3454e+04
	-5.5750e+01	9.5851e+01	-3.9127e+01	-2.0076e+03	-7.0336e+03	1.7091e+04
2499	-4.4586e+01	1.3121e+02	4.1305e+00	-2.0076e+03	-1.0226e+03	-2.8669e+04
	-4.4586e+01	1.3121e+02	4.1305e+00	-2.0076e+03	7.2457e+02	2.6830e+04
2500	9.6630e+01	1.0274e+02	3.5186e+01	-2.0076e+03	-8.5330e+03	-2.4157e+04
	9.6630e+01	1.0274e+02	3.5186e+01	-2.0076e+03	6.3506e+03	1.9301e+04
2501	-1.0737e+02	1.3576e+02	-3.8443e+01	-2.0076e+03	9.5029e+03	-3.3281e+04
	-1.0737e+02	1.3576e+02	-3.8443e+01	-2.0076e+03	-6.7583e+03	2.4144e+04
2502	-6.1172e+01	1.8536e+02	3.9662e+00	-2.0076e+03	-9.9309e+02	-4.0491e+04
	-6.1172e+01	1.8536e+02	3.9662e+00	-2.0076e+03	6.8460e+02	3.7917e+04
2503	1.5689e+02	1.4608e+02	3.4864e+01	-2.0076e+03	-8.5956e+03	-3.4403e+04
	1.5689e+02	1.4608e+02	3.4864e+01	-2.0076e+03	6.1517e+03	2.7389e+04
2504	-9.1085e+01	1.7691e+02	-3.3491e+01	-2.0076e+03	9.0198e+03	-4.3646e+04
	-9.1085e+01	1.7691e+02	-3.3491e+01	-2.0076e+03	-5.1468e+03	3.1189e+04
2505	-8.0016e+01	2.4067e+02	2.9677e+00	-2.0076e+03	-8.1960e+02	-5.3190e+04
	-8.0016e+01	2.4067e+02	2.9677e+00	-2.0076e+03	4.3574e+02	4.8615e+04
2506	1.8685e+02	1.8988e+02	3.1031e+01	-2.0076e+03	-8.3453e+03	-4.5099e+04
	1.8685e+02	1.8988e+02	3.1031e+01	-2.0076e+03	4.7808e+03	3.5218e+04
2530	0.0000e+00	-1.2744e+01	0.0000e+00	-1.1897e+02	0.0000e+00	1.0821e+03
	0.0000e+00	-1.2744e+01	0.0000e+00	-1.1897e+02	0.0000e+00	5.0864e+02
	0.0000e+00	-1.0125e+01	0.0000e+00	2.0843e+00	0.0000e+00	2.1983e+03
	0.0000e+00	-1.0125e+01	0.0000e+00	2.0843e+00	0.0000e+00	-1.3352e+03
2531	0.0000e+00	-3.1157e+01	0.0000e+00	-8.7290e+01	0.0000e+00	1.9549e+03
	0.0000e+00	-3.1157e+01	0.0000e+00	-8.7290e+01	0.0000e+00	5.5289e+02
	0.0000e+00	-1.0054e+01	0.0000e+00	6.8486e+00	0.0000e+00	2.3141e+03
	0.0000e+00	-1.0054e+01	0.0000e+00	6.8486e+00	0.0000e+00	-1.1948e+03
2532	0.0000e+00	-2.0958e+01	0.0000e+00	-4.6842e+01	0.0000e+00	1.3516e+03
	0.0000e+00	-2.0958e+01	0.0000e+00	-4.6842e+01	0.0000e+00	4.0849e+02
	0.0000e+00	-7.2903e+00	0.0000e+00	-2.3477e+01	0.0000e+00	1.7228e+03
	0.0000e+00	-7.2903e+00	0.0000e+00	-2.3477e+01	0.0000e+00	-8.2148e+02
2533	0.0000e+00	-1.5276e+01	0.0000e+00	-1.7585e+02	0.0000e+00	1.0256e+03
	0.0000e+00	-1.5276e+01	0.0000e+00	-1.7585e+02	0.0000e+00	3.3819e+02
	0.0000e+00	-6.1289e+00	0.0000e+00	2.1281e+01	0.0000e+00	1.4301e+03
	0.0000e+00	-6.1289e+00	0.0000e+00	2.1281e+01	0.0000e+00	-7.0890e+02
2534	0.0000e+00	-6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	4.3634e+02
	0.0000e+00	-6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	1.2629e+02
	0.0000e+00	-2.1172e+00	0.0000e+00	7.5028e+00	0.0000e+00	5.1413e+02
	0.0000e+00	-2.1172e+00	0.0000e+00	7.5028e+00	0.0000e+00	-2.2476e+02
2535	0.0000e+00	-3.1291e-05	0.0000e+00	-1.2722e+02	0.0000e+00	1.6357e-03
	0.0000e+00	-3.1291e-05	0.0000e+00	-1.2722e+02	0.0000e+00	2.2756e-04
	0.0000e+00	2.0366e-04	0.0000e+00	6.1630e+00	0.0000e+00	3.6739e-03

	0.0000e+00	2.0366e-04	0.0000e+00	6.1630e+00	0.0000e+00	7.4751e-02
2536	0.0000e+00	6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	-4.3633e+02
	0.0000e+00	6.8901e+00	0.0000e+00	-1.1809e+02	0.0000e+00	-1.2628e+02
	0.0000e+00	2.1173e+00	0.0000e+00	7.5112e+00	0.0000e+00	-5.1410e+02
	0.0000e+00	2.1173e+00	0.0000e+00	7.5112e+00	0.0000e+00	2.2482e+02
2537	0.0000e+00	1.5276e+01	0.0000e+00	-1.7586e+02	0.0000e+00	-1.0256e+03
	0.0000e+00	1.5276e+01	0.0000e+00	-1.7586e+02	0.0000e+00	-3.3820e+02
	0.0000e+00	6.1288e+00	0.0000e+00	2.1340e+01	0.0000e+00	-1.4302e+03
	0.0000e+00	6.1288e+00	0.0000e+00	2.1340e+01	0.0000e+00	7.0880e+02
2538	0.0000e+00	2.0958e+01	0.0000e+00	-4.6863e+01	0.0000e+00	-1.3517e+03
	0.0000e+00	2.0958e+01	0.0000e+00	-4.6863e+01	0.0000e+00	-4.0856e+02
	0.0000e+00	7.2914e+00	0.0000e+00	-2.3495e+01	0.0000e+00	-1.7231e+03
	0.0000e+00	7.2914e+00	0.0000e+00	-2.3495e+01	0.0000e+00	8.2156e+02
2539	0.0000e+00	3.1157e+01	0.0000e+00	-8.7236e+01	0.0000e+00	-1.9551e+03
	0.0000e+00	3.1157e+01	0.0000e+00	-8.7236e+01	0.0000e+00	-5.5302e+02
	0.0000e+00	1.0061e+01	0.0000e+00	6.8327e+00	0.0000e+00	-2.3147e+03
	0.0000e+00	1.0061e+01	0.0000e+00	6.8327e+00	0.0000e+00	1.1966e+03
2540	0.0000e+00	1.2742e+01	0.0000e+00	-1.1887e+02	0.0000e+00	-1.0817e+03
	0.0000e+00	1.2742e+01	0.0000e+00	-1.1887e+02	0.0000e+00	-5.0835e+02
	0.0000e+00	1.0113e+01	0.0000e+00	2.4960e+00	0.0000e+00	-2.1972e+03
	0.0000e+00	1.0113e+01	0.0000e+00	2.4960e+00	0.0000e+00	1.3323e+03

Condizione "(1) Torcente di piano SLD"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-1.2660e-03	0.0000e+00	8.7358e+00	0.0000e+00	2.2646e-01
	0.0000e+00	-1.2660e-03	0.0000e+00	8.7358e+00	0.0000e+00	-1.0279e-02
630	0.0000e+00	5.3302e+01	0.0000e+00	-1.6889e+02	0.0000e+00	-2.9651e+03
	0.0000e+00	5.3302e+01	0.0000e+00	-1.6889e+02	0.0000e+00	7.0023e+03
631	0.0000e+00	-5.3185e+01	0.0000e+00	-1.7155e+02	0.0000e+00	2.9566e+03
	0.0000e+00	-5.3185e+01	0.0000e+00	-1.7155e+02	0.0000e+00	-6.9890e+03
632	1.7749e+01	-1.9287e+01	-4.7171e-01	-1.0999e+01	6.6886e+01	2.3723e+03
	1.7749e+01	-1.9287e+01	-4.7171e-01	-1.0999e+01	8.8657e+00	0.0000e+00
633	-8.5919e+00	1.0277e+01	-4.2575e-01	-1.0256e+01	6.0634e+01	-1.2640e+03
	-8.5919e+00	1.0277e+01	-4.2575e-01	-1.0256e+01	8.2669e+00	-3.6380e-12
634	-3.1539e+00	3.9836e+00	-4.0668e-01	-9.3284e+00	5.7541e+01	-4.8999e+02
	-3.1539e+00	3.9836e+00	-4.0668e-01	-9.3284e+00	7.5190e+00	3.6380e-12
635	-1.6971e+00	2.3063e+00	-4.0239e-01	-8.9916e+00	5.6742e+01	-2.8367e+02
	-1.6971e+00	2.3063e+00	-4.0239e-01	-8.9916e+00	7.2476e+00	5.4570e-12
636	-6.9498e-01	9.0558e-01	-3.9327e-01	-8.6199e+00	5.5320e+01	-1.1139e+02
	-6.9498e-01	9.0558e-01	-3.9327e-01	-8.6199e+00	6.9480e+00	9.0949e-13
637	1.0517e-02	-9.0733e-03	-3.9060e-01	-8.5257e+00	5.4916e+01	1.1160e+00
	1.0517e-02	-9.0733e-03	-3.9060e-01	-8.5257e+00	6.8720e+00	0.0000e+00
638	7.1259e-01	-9.1844e-01	-3.9139e-01	-8.6049e+00	5.5077e+01	1.1297e+02
	7.1259e-01	-9.1844e-01	-3.9139e-01	-8.6049e+00	6.9359e+00	1.8190e-12
639	1.6945e+00	-2.2911e+00	-3.9796e-01	-8.9565e+00	5.6169e+01	2.8181e+02
	1.6945e+00	-2.2911e+00	-3.9796e-01	-8.9565e+00	7.2193e+00	-3.6380e-12
640	3.0678e+00	-3.8647e+00	-4.0030e-01	-9.2749e+00	5.6713e+01	4.7536e+02
	3.0678e+00	-3.8647e+00	-4.0030e-01	-9.2749e+00	7.4759e+00	3.6380e-12
641	8.9167e+00	-1.0725e+01	-4.1539e-01	-1.0185e+01	5.9303e+01	1.3191e+03
	8.9167e+00	-1.0725e+01	-4.1539e-01	-1.0185e+01	8.2092e+00	0.0000e+00
642	-1.7926e+01	1.9623e+01	-4.9522e-01	-1.2043e+01	7.0620e+01	-2.4136e+03
	-1.7926e+01	1.9623e+01	-4.9522e-01	-1.2043e+01	9.7073e+00	0.0000e+00

654	0.0000e+00	-9.7018e+00	0.0000e+00	-1.6714e+03	0.0000e+00	-7.1152e+02
	0.0000e+00	5.3159e+01	0.0000e+00	-2.9651e+03	0.0000e+00	1.6889e+02
655	0.0000e+00	-3.4012e-01	0.0000e+00	-9.0933e+02	0.0000e+00	1.2306e+02
	0.0000e+00	-6.2478e+00	0.0000e+00	-1.6714e+03	0.0000e+00	-7.1152e+02
656	0.0000e+00	-4.7959e-01	0.0000e+00	-6.3754e+02	0.0000e+00	4.2654e+01
	0.0000e+00	1.0088e+00	0.0000e+00	-9.0933e+02	0.0000e+00	1.2306e+02
657	0.0000e+00	-2.5292e-01	0.0000e+00	-4.1574e+02	0.0000e+00	9.0662e+00
	0.0000e+00	7.1998e-01	0.0000e+00	-6.3754e+02	0.0000e+00	4.2654e+01
658	0.0000e+00	-4.1820e-02	0.0000e+00	-3.6695e+02	0.0000e+00	4.1769e+00
	0.0000e+00	1.2538e-01	0.0000e+00	-4.1574e+02	0.0000e+00	9.0662e+00
659	0.0000e+00	1.3071e-01	0.0000e+00	-4.1504e+02	0.0000e+00	-9.3809e+00
	0.0000e+00	-4.7937e-02	0.0000e+00	-3.6672e+02	0.0000e+00	-4.5589e+00
660	0.0000e+00	7.3107e-01	0.0000e+00	-6.3596e+02	0.0000e+00	-4.3175e+01
	0.0000e+00	-2.5942e-01	0.0000e+00	-4.1504e+02	0.0000e+00	-9.3809e+00
661	0.0000e+00	1.0287e+00	0.0000e+00	-9.0688e+02	0.0000e+00	-1.2515e+02
	0.0000e+00	-4.8742e-01	0.0000e+00	-6.3596e+02	0.0000e+00	-4.3175e+01
662	0.0000e+00	-6.3238e+00	0.0000e+00	-1.6666e+03	0.0000e+00	7.1937e+02
	0.0000e+00	-3.5066e-01	0.0000e+00	-9.0688e+02	0.0000e+00	-1.2515e+02
663	0.0000e+00	5.3391e+01	0.0000e+00	-2.9566e+03	0.0000e+00	-1.7155e+02
	0.0000e+00	-9.6922e+00	0.0000e+00	-1.6666e+03	0.0000e+00	7.1937e+02
664	0.0000e+00	6.1582e+00	0.0000e+00	1.7661e+03	0.0000e+00	3.9681e+02
	0.0000e+00	-3.0160e+01	0.0000e+00	7.3732e+02	0.0000e+00	-6.3823e+01
665	0.0000e+00	2.5349e+00	0.0000e+00	3.6055e+02	0.0000e+00	-1.9916e+02
	0.0000e+00	2.4027e+00	0.0000e+00	-9.6644e+02	0.0000e+00	3.4456e+02
666	0.0000e+00	2.6352e+00	0.0000e+00	-3.9844e+02	0.0000e+00	-1.8983e+02
	0.0000e+00	-3.2594e+00	0.0000e+00	-1.1377e+03	0.0000e+00	-2.8553e+02
667	0.0000e+00	1.0758e+00	0.0000e+00	-8.2676e+02	0.0000e+00	-2.8899e+01
	0.0000e+00	-3.1891e+00	0.0000e+00	-1.5520e+03	0.0000e+00	-2.2039e+02
668	0.0000e+00	-3.5530e-02	0.0000e+00	-1.0372e+03	0.0000e+00	2.3365e+01
	0.0000e+00	-8.2755e-01	0.0000e+00	-1.2141e+03	0.0000e+00	-7.5001e+01
669	0.0000e+00	-8.1637e-01	0.0000e+00	-1.2135e+03	0.0000e+00	7.4233e+01
	0.0000e+00	-4.6297e-02	0.0000e+00	-1.0362e+03	0.0000e+00	-2.3988e+01
670	0.0000e+00	-3.1915e+00	0.0000e+00	-1.5498e+03	0.0000e+00	2.1957e+02
	0.0000e+00	1.0693e+00	0.0000e+00	-8.2468e+02	0.0000e+00	2.8364e+01
671	0.0000e+00	-3.3118e+00	0.0000e+00	-1.1368e+03	0.0000e+00	2.9135e+02
	0.0000e+00	2.6357e+00	0.0000e+00	-3.9799e+02	0.0000e+00	1.8952e+02
672	0.0000e+00	2.6002e+00	0.0000e+00	-9.8306e+02	0.0000e+00	-3.6449e+02
	0.0000e+00	2.5673e+00	0.0000e+00	3.4675e+02	0.0000e+00	2.0583e+02
673	0.0000e+00	-3.0351e+01	0.0000e+00	7.7508e+02	0.0000e+00	6.8062e+01
	0.0000e+00	6.0223e+00	0.0000e+00	1.8023e+03	0.0000e+00	-4.1539e+02
2422	0.0000e+00	2.2538e+00	5.6843e-14	3.0503e+02	0.0000e+00	-4.2981e+02
	0.0000e+00	2.2538e+00	5.6843e-14	3.0503e+02	0.0000e+00	4.7173e+02
2423	-2.2737e-13	1.5327e+00	0.0000e+00	2.4910e+02	0.0000e+00	-3.3426e+02
	-2.2737e-13	1.5327e+00	0.0000e+00	2.4910e+02	0.0000e+00	3.4015e+02
2424	0.0000e+00	3.4530e+00	-5.6843e-14	2.3953e+02	0.0000e+00	-4.8211e+02
	0.0000e+00	3.4530e+00	-5.6843e-14	2.3953e+02	0.0000e+00	4.8472e+02
2425	0.0000e+00	1.4932e+00	0.0000e+00	2.6616e+02	-1.8190e-12	-3.3311e+02
	0.0000e+00	1.4932e+00	0.0000e+00	2.6616e+02	0.0000e+00	3.2391e+02
2426	-2.2737e-13	2.3443e+00	7.1054e-15	2.5226e+02	0.0000e+00	-4.0497e+02
	-2.2737e-13	2.3443e+00	7.1054e-15	2.5226e+02	9.0949e-13	4.1553e+02
2427	0.0000e+00	2.3443e+00	0.0000e+00	2.5226e+02	9.0949e-13	-4.1554e+02

	0.0000e+00	2.3443e+00	0.0000e+00	2.5226e+02	-1.8190e-12	4.0497e+02
2428	0.0000e+00	1.4932e+00	0.0000e+00	2.6616e+02	-1.8190e-12	-3.2391e+02
	0.0000e+00	1.4932e+00	0.0000e+00	2.6616e+02	1.8190e-12	3.3311e+02
2429	4.5475e-13	3.4529e+00	0.0000e+00	2.3953e+02	0.0000e+00	-4.8470e+02
	4.5475e-13	3.4529e+00	0.0000e+00	2.3953e+02	0.0000e+00	4.8210e+02
2430	0.0000e+00	1.5331e+00	0.0000e+00	2.4913e+02	0.0000e+00	-3.4024e+02
	0.0000e+00	1.5331e+00	0.0000e+00	2.4913e+02	0.0000e+00	3.3432e+02
2431	2.2737e-13	2.2530e+00	5.6843e-14	3.0494e+02	0.0000e+00	-4.7154e+02
	2.2737e-13	2.2530e+00	5.6843e-14	3.0494e+02	0.0000e+00	4.2966e+02
2432	0.0000e+00	-1.9356e+01	5.6843e-14	7.0485e+02	0.0000e+00	3.6948e+03
	0.0000e+00	-1.9356e+01	5.6843e-14	7.0485e+02	0.0000e+00	-4.0477e+03
2433	0.0000e+00	-1.2956e+01	0.0000e+00	6.9274e+02	-3.6380e-12	2.8190e+03
	0.0000e+00	-1.2956e+01	0.0000e+00	6.9274e+02	7.2760e-12	-2.8817e+03
2434	0.0000e+00	-3.0039e+01	5.6843e-14	6.8229e+02	-1.4552e-11	4.2094e+03
	0.0000e+00	-3.0039e+01	5.6843e-14	6.8229e+02	7.2760e-12	-4.2016e+03
2435	1.8190e-12	-1.3221e+01	0.0000e+00	6.8366e+02	-1.8190e-12	2.9383e+03
	1.8190e-12	-1.3221e+01	0.0000e+00	6.8366e+02	3.6380e-12	-2.8789e+03
2436	0.0000e+00	1.7605e+01	5.6843e-14	6.0570e+02	0.0000e+00	-3.3607e+03
	0.0000e+00	1.7605e+01	5.6843e-14	6.0570e+02	0.0000e+00	3.6813e+03
2437	0.0000e+00	1.1515e+01	0.0000e+00	5.7212e+02	0.0000e+00	-2.5064e+03
	0.0000e+00	1.1515e+01	0.0000e+00	5.7212e+02	0.0000e+00	2.5601e+03
2438	0.0000e+00	2.6913e+01	-5.6843e-14	5.6513e+02	7.2760e-12	-3.7728e+03
	0.0000e+00	2.6913e+01	-5.6843e-14	5.6513e+02	-7.2760e-12	3.7628e+03
2439	0.0000e+00	1.1939e+01	0.0000e+00	5.7696e+02	-3.6380e-12	-2.6514e+03
	0.0000e+00	1.1939e+01	0.0000e+00	5.7696e+02	1.8190e-12	2.6017e+03
2440	1.8190e-12	1.8297e+01	7.1054e-15	5.7037e+02	-1.8190e-12	-3.1694e+03
	1.8190e-12	1.8297e+01	7.1054e-15	5.7037e+02	2.7285e-12	3.2344e+03
2441	0.0000e+00	-2.0391e+01	0.0000e+00	6.8332e+02	0.0000e+00	3.5306e+03
	0.0000e+00	-2.0391e+01	0.0000e+00	6.8332e+02	9.0949e-13	-3.6063e+03
2442	0.0000e+00	-2.0391e+01	0.0000e+00	6.8332e+02	0.0000e+00	3.6063e+03
	0.0000e+00	-2.0391e+01	0.0000e+00	6.8332e+02	0.0000e+00	-3.5306e+03
2443	0.0000e+00	-1.3221e+01	1.4211e-14	6.8366e+02	0.0000e+00	2.8789e+03
	0.0000e+00	-1.3221e+01	1.4211e-14	6.8366e+02	0.0000e+00	-2.9382e+03
2444	0.0000e+00	-3.0038e+01	0.0000e+00	6.8228e+02	0.0000e+00	4.2014e+03
	0.0000e+00	-3.0038e+01	0.0000e+00	6.8228e+02	7.2760e-12	-4.2093e+03
2445	0.0000e+00	-1.2956e+01	0.0000e+00	6.9273e+02	0.0000e+00	2.8816e+03
	0.0000e+00	-1.2956e+01	0.0000e+00	6.9273e+02	-7.2760e-12	-2.8189e+03
2446	0.0000e+00	-1.9358e+01	0.0000e+00	7.0489e+02	0.0000e+00	4.0480e+03
	0.0000e+00	-1.9358e+01	0.0000e+00	7.0489e+02	0.0000e+00	-3.6951e+03
2447	0.0000e+00	1.8297e+01	7.1054e-15	5.7037e+02	1.8190e-12	-3.2344e+03
	0.0000e+00	1.8297e+01	7.1054e-15	5.7037e+02	-1.8190e-12	3.1694e+03
2448	-1.8190e-12	1.1939e+01	7.1054e-15	5.7696e+02	0.0000e+00	-2.6017e+03
	-1.8190e-12	1.1939e+01	7.1054e-15	5.7696e+02	0.0000e+00	2.6514e+03
2449	1.8190e-12	2.6913e+01	-5.6843e-14	5.6514e+02	0.0000e+00	-3.7628e+03
	1.8190e-12	2.6913e+01	-5.6843e-14	5.6514e+02	0.0000e+00	3.7729e+03
2450	0.0000e+00	1.1516e+01	2.8422e-14	5.7215e+02	-7.2760e-12	-2.5605e+03
	0.0000e+00	1.1516e+01	2.8422e-14	5.7215e+02	0.0000e+00	2.5068e+03
2451	0.0000e+00	1.7600e+01	0.0000e+00	6.0554e+02	7.2760e-12	-3.6803e+03
	0.0000e+00	1.7600e+01	0.0000e+00	6.0554e+02	0.0000e+00	3.3597e+03
2452	0.0000e+00	1.4916e+02	3.5527e-15	2.2105e+03	0.0000e+00	-2.7463e+04
	0.0000e+00	1.4916e+02	3.5527e-15	2.2105e+03	-1.3642e-12	3.7571e+04

2453	0.0000e+00	2.4509e+02	-1.4211e-14	2.1471e+03	1.8190e-12	-4.2613e+04
	0.0000e+00	2.4509e+02	-1.4211e-14	2.1471e+03	-3.6380e-12	3.1893e+04
2454	0.0000e+00	1.1734e+02	-7.1054e-15	1.6604e+03	1.8190e-12	-2.1520e+04
	0.0000e+00	1.1734e+02	-7.1054e-15	1.6604e+03	-1.3642e-12	2.9642e+04
2455	0.0000e+00	1.9314e+02	0.0000e+00	1.5901e+03	0.0000e+00	-3.3647e+04
	0.0000e+00	1.9314e+02	0.0000e+00	1.5901e+03	0.0000e+00	2.5069e+04
2456	0.0000e+00	8.3195e+01	-3.5527e-15	1.5552e+03	0.0000e+00	-1.5288e+04
	0.0000e+00	8.3195e+01	-3.5527e-15	1.5552e+03	4.5475e-13	2.0985e+04
2457	0.0000e+00	1.3599e+02	-1.4211e-14	1.4851e+03	1.8190e-12	-2.3693e+04
	0.0000e+00	1.3599e+02	-1.4211e-14	1.4851e+03	-3.6380e-12	1.7649e+04
2458	-3.6380e-12	6.1093e+01	-3.5527e-15	1.5603e+03	0.0000e+00	-1.1240e+04
	-3.6380e-12	6.1093e+01	-3.5527e-15	1.5603e+03	-4.5475e-13	1.5397e+04
2459	0.0000e+00	9.9503e+01	0.0000e+00	1.5028e+03	3.6380e-12	-1.7335e+04
	0.0000e+00	9.9503e+01	0.0000e+00	1.5028e+03	0.0000e+00	1.2914e+04
2460	0.0000e+00	2.7269e+01	-7.1054e-15	1.6654e+03	-1.8190e-12	-5.0076e+03
	0.0000e+00	2.7269e+01	-7.1054e-15	1.6654e+03	1.3642e-12	6.8819e+03
2461	0.0000e+00	4.4751e+01	2.8422e-14	1.5918e+03	3.6380e-12	-7.7940e+03
	0.0000e+00	4.4751e+01	2.8422e-14	1.5918e+03	-3.6380e-12	5.8102e+03
2462	-3.1829e-18	2.8091e-04	0.0000e+00	1.5602e+03	0.0000e+00	-5.9070e-02
	-3.1829e-18	2.8091e-04	0.0000e+00	1.5602e+03	0.0000e+00	6.3408e-02
2463	3.3857e-18	1.8026e-05	0.0000e+00	1.4966e+03	1.8190e-12	-1.2244e-02
	3.3857e-18	1.8026e-05	0.0000e+00	1.4966e+03	-3.6380e-12	-6.7643e-03
2464	0.0000e+00	-2.7269e+01	3.5527e-15	1.6654e+03	0.0000e+00	5.0075e+03
	0.0000e+00	-2.7269e+01	3.5527e-15	1.6654e+03	-9.0949e-13	-6.8818e+03
2465	0.0000e+00	-4.4751e+01	-2.8422e-14	1.5919e+03	3.6380e-12	7.7940e+03
	0.0000e+00	-4.4751e+01	-2.8422e-14	1.5919e+03	0.0000e+00	-5.8102e+03
2466	0.0000e+00	-6.1093e+01	-3.5527e-15	1.5603e+03	0.0000e+00	1.1240e+04
	0.0000e+00	-6.1093e+01	-3.5527e-15	1.5603e+03	0.0000e+00	-1.5397e+04
2467	0.0000e+00	-9.9503e+01	0.0000e+00	1.5028e+03	3.6380e-12	1.7335e+04
	0.0000e+00	-9.9503e+01	0.0000e+00	1.5028e+03	0.0000e+00	-1.2914e+04
2468	7.2760e-12	-8.3195e+01	3.5527e-15	1.5552e+03	0.0000e+00	1.5288e+04
	7.2760e-12	-8.3195e+01	3.5527e-15	1.5552e+03	4.5475e-13	-2.0985e+04
2469	-1.4552e-11	-1.3599e+02	0.0000e+00	1.4851e+03	0.0000e+00	2.3693e+04
	-1.4552e-11	-1.3599e+02	0.0000e+00	1.4851e+03	0.0000e+00	-1.7648e+04
2470	7.2760e-12	-1.1735e+02	0.0000e+00	1.6604e+03	1.8190e-12	2.1521e+04
	7.2760e-12	-1.1735e+02	0.0000e+00	1.6604e+03	-9.0949e-13	-2.9642e+04
2471	0.0000e+00	-1.9314e+02	2.8422e-14	1.5902e+03	0.0000e+00	3.3646e+04
	0.0000e+00	-1.9314e+02	2.8422e-14	1.5902e+03	0.0000e+00	-2.5068e+04
2472	0.0000e+00	-1.4916e+02	3.5527e-15	2.2104e+03	0.0000e+00	2.7461e+04
	0.0000e+00	-1.4916e+02	3.5527e-15	2.2104e+03	-9.0949e-13	-3.7571e+04
2473	0.0000e+00	-2.4510e+02	0.0000e+00	2.1472e+03	1.8190e-12	4.2615e+04
	0.0000e+00	-2.4510e+02	0.0000e+00	2.1472e+03	0.0000e+00	-3.1895e+04
2474	-2.2993e+02	-2.3301e+02	3.8091e+01	-2.4638e+03	-1.0244e+04	5.5345e+04
	-2.2993e+02	-2.3301e+02	3.8091e+01	-2.4638e+03	5.8685e+03	-4.3219e+04
2475	9.8181e+01	-2.9536e+02	3.6454e+00	-2.4638e+03	-1.0068e+03	6.5275e+04
	9.8181e+01	-2.9536e+02	3.6454e+00	-2.4638e+03	5.3519e+02	-5.9661e+04
2476	7.5078e+01	-2.2748e+02	4.8679e+00	-2.4638e+03	-1.2188e+03	4.9692e+04
	7.5078e+01	-2.2748e+02	4.8679e+00	-2.4638e+03	8.4034e+02	-4.6534e+04
2477	-1.9222e+02	-1.7928e+02	4.2789e+01	-2.4638e+03	-1.0549e+04	4.2221e+04
	-1.9222e+02	-1.7928e+02	4.2789e+01	-2.4638e+03	7.5503e+03	-3.3613e+04
2478	5.4719e+01	-1.6102e+02	5.0689e+00	-2.4638e+03	-1.2550e+03	3.5184e+04

	5.4719e+01	-1.6102e+02	5.0689e+00	-2.4638e+03	8.8917e+02	-3.2927e+04
2479	3.6450e+01	-1.1834e+02	4.8445e+00	-2.4638e+03	-1.1857e+03	2.5879e+04
	3.6450e+01	-1.1834e+02	4.8445e+00	-2.4638e+03	8.6355e+02	-2.4181e+04
2480	7.8988e+01	-8.6246e+01	-4.8662e+01	-2.4638e+03	1.1879e+04	2.1084e+04
	7.8988e+01	-8.6246e+01	-4.8662e+01	-2.4638e+03	-8.7047e+03	-1.5398e+04
2481	6.8494e+01	-1.1763e+02	-4.8018e+01	-2.4638e+03	1.1680e+04	2.8783e+04
	6.8494e+01	-1.1763e+02	-4.8018e+01	-2.4638e+03	-8.6319e+03	-2.0974e+04
2482	1.3192e+02	-1.6660e+02	-4.7176e+01	-2.4638e+03	1.1662e+04	4.0844e+04
	1.3192e+02	-1.6660e+02	-4.7176e+01	-2.4638e+03	-8.2936e+03	-2.9630e+04
2483	1.1153e+02	-2.1712e+02	-4.1094e+01	-2.4638e+03	1.1068e+04	5.3564e+04
	1.1153e+02	-2.1712e+02	-4.1094e+01	-2.4638e+03	-6.3151e+03	-3.8276e+04
2484	-1.1861e+02	-1.2608e+02	4.3180e+01	-2.4638e+03	-1.0472e+04	2.9647e+04
	-1.1861e+02	-1.2608e+02	4.3180e+01	-2.4638e+03	7.7934e+03	-2.3686e+04
2485	-1.1274e+02	-9.2247e+01	4.4218e+01	-2.4638e+03	-1.0788e+04	2.1674e+04
	-1.1274e+02	-9.2247e+01	4.4218e+01	-2.4638e+03	7.9164e+03	-1.7347e+04
2486	1.8332e+01	-5.2832e+01	4.7799e+00	-2.4638e+03	-1.1997e+03	1.1544e+04
	1.8332e+01	-5.2832e+01	4.7799e+00	-2.4638e+03	8.2218e+02	-1.0804e+04
2487	-9.7540e-03	-3.6424e-04	-4.8444e+01	-2.4638e+03	1.1815e+04	9.0762e-02
	-9.7540e-03	-3.6424e-04	-4.8444e+01	-2.4638e+03	-8.6773e+03	-6.3312e-02
2488	-3.7841e+01	-4.1481e+01	4.2611e+01	-2.4638e+03	-1.0508e+04	9.7592e+03
	-3.7841e+01	-4.1481e+01	4.2611e+01	-2.4638e+03	7.5167e+03	-7.7875e+03
2489	-2.5404e-04	-2.4878e-04	4.9359e+00	-2.4638e+03	-1.2143e+03	5.3633e-02
	-2.5404e-04	-2.4878e-04	4.9359e+00	-2.4638e+03	8.7355e+02	-5.1602e-02
2490	2.0589e+01	-3.8630e+01	-4.7017e+01	-2.4638e+03	1.1622e+04	9.4588e+03
	2.0589e+01	-3.8630e+01	-4.7017e+01	-2.4638e+03	-8.2658e+03	-6.8816e+03
2491	-2.0605e+01	3.8629e+01	-4.7017e+01	-2.4638e+03	1.1622e+04	-9.4586e+03
	-2.0605e+01	3.8629e+01	-4.7017e+01	-2.4638e+03	-8.2658e+03	6.8815e+03
2492	-4.9409e-03	-6.5724e-05	4.3866e+01	-2.4638e+03	-1.0681e+04	1.5515e-02
	-4.9409e-03	-6.5724e-05	4.3866e+01	-2.4638e+03	7.8742e+03	-1.2286e-02
2493	-1.8333e+01	5.2831e+01	4.7799e+00	-2.4638e+03	-1.1997e+03	-1.1544e+04
	-1.8333e+01	5.2831e+01	4.7799e+00	-2.4638e+03	8.2218e+02	1.0804e+04
2494	3.7829e+01	4.1481e+01	4.2611e+01	-2.4638e+03	-1.0508e+04	-9.7592e+03
	3.7829e+01	4.1481e+01	4.2611e+01	-2.4638e+03	7.5166e+03	7.7874e+03
2495	-7.8986e+01	8.6245e+01	-4.8662e+01	-2.4638e+03	1.1879e+04	-2.1084e+04
	-7.8986e+01	8.6245e+01	-4.8662e+01	-2.4638e+03	-8.7046e+03	1.5398e+04
2496	-3.6450e+01	1.1834e+02	4.8444e+00	-2.4638e+03	-1.1856e+03	-2.5879e+04
	-3.6450e+01	1.1834e+02	4.8444e+00	-2.4638e+03	8.6354e+02	2.4181e+04
2497	1.1272e+02	9.2247e+01	4.4218e+01	-2.4638e+03	-1.0788e+04	-2.1674e+04
	1.1272e+02	9.2247e+01	4.4218e+01	-2.4638e+03	7.9164e+03	1.7347e+04
2498	-6.8418e+01	1.1763e+02	-4.8018e+01	-2.4638e+03	1.1680e+04	-2.8783e+04
	-6.8418e+01	1.1763e+02	-4.8018e+01	-2.4638e+03	-8.6319e+03	2.0974e+04
2499	-5.4717e+01	1.6102e+02	5.0691e+00	-2.4638e+03	-1.2550e+03	-3.5184e+04
	-5.4717e+01	1.6102e+02	5.0691e+00	-2.4638e+03	8.8921e+02	3.2927e+04
2500	1.1859e+02	1.2608e+02	4.3181e+01	-2.4638e+03	-1.0472e+04	-2.9646e+04
	1.1859e+02	1.2608e+02	4.3181e+01	-2.4638e+03	7.7936e+03	2.3686e+04
2501	-1.3177e+02	1.6661e+02	-4.7178e+01	-2.4638e+03	1.1662e+04	-4.0844e+04
	-1.3177e+02	1.6661e+02	-4.7178e+01	-2.4638e+03	-8.2940e+03	2.9630e+04
2502	-7.5072e+01	2.2748e+02	4.8674e+00	-2.4638e+03	-1.2187e+03	-4.9692e+04
	-7.5072e+01	2.2748e+02	4.8674e+00	-2.4638e+03	8.4015e+02	4.6533e+04
2503	1.9254e+02	1.7927e+02	4.2786e+01	-2.4638e+03	-1.0549e+04	-4.2220e+04
	1.9254e+02	1.7927e+02	4.2786e+01	-2.4638e+03	7.5496e+03	3.3612e+04

2504	-1.1178e+02	2.1711e+02	-4.1101e+01	-2.4638e+03	1.1069e+04	-5.3563e+04
	-1.1178e+02	2.1711e+02	-4.1101e+01	-2.4638e+03	-6.3164e+03	3.8275e+04
2505	-9.8197e+01	2.9536e+02	3.6421e+00	-2.4638e+03	-1.0058e+03	-6.5276e+04
	-9.8197e+01	2.9536e+02	3.6421e+00	-2.4638e+03	5.3476e+02	5.9662e+04
2506	2.2931e+02	2.3302e+02	3.8082e+01	-2.4638e+03	-1.0242e+04	-5.5347e+04
	2.2931e+02	2.3302e+02	3.8082e+01	-2.4638e+03	5.8672e+03	4.3221e+04
2530	0.0000e+00	-1.5640e+01	0.0000e+00	-1.4600e+02	0.0000e+00	1.3280e+03
	0.0000e+00	-1.5640e+01	0.0000e+00	-1.4600e+02	0.0000e+00	6.2421e+02
	0.0000e+00	-1.2425e+01	0.0000e+00	2.5579e+00	0.0000e+00	2.6978e+03
	0.0000e+00	-1.2425e+01	0.0000e+00	2.5579e+00	0.0000e+00	-1.6385e+03
2531	0.0000e+00	-3.8236e+01	0.0000e+00	-1.0712e+02	0.0000e+00	2.3991e+03
	0.0000e+00	-3.8236e+01	0.0000e+00	-1.0712e+02	0.0000e+00	6.7852e+02
	0.0000e+00	-1.2339e+01	0.0000e+00	8.4048e+00	0.0000e+00	2.8400e+03
	0.0000e+00	-1.2339e+01	0.0000e+00	8.4048e+00	0.0000e+00	-1.4663e+03
2532	0.0000e+00	-2.5721e+01	0.0000e+00	-5.7485e+01	0.0000e+00	1.6587e+03
	0.0000e+00	-2.5721e+01	0.0000e+00	-5.7485e+01	0.0000e+00	5.0131e+02
	0.0000e+00	-8.9469e+00	0.0000e+00	-2.8812e+01	0.0000e+00	2.1143e+03
	0.0000e+00	-8.9469e+00	0.0000e+00	-2.8812e+01	0.0000e+00	-1.0081e+03
2533	0.0000e+00	-1.8748e+01	0.0000e+00	-2.1580e+02	0.0000e+00	1.2587e+03
	0.0000e+00	-1.8748e+01	0.0000e+00	-2.1580e+02	0.0000e+00	4.1504e+02
	0.0000e+00	-7.5216e+00	0.0000e+00	2.6117e+01	0.0000e+00	1.7551e+03
	0.0000e+00	-7.5216e+00	0.0000e+00	2.6117e+01	0.0000e+00	-8.6998e+02
2534	0.0000e+00	-8.4557e+00	0.0000e+00	-1.4492e+02	0.0000e+00	5.3549e+02
	0.0000e+00	-8.4557e+00	0.0000e+00	-1.4492e+02	0.0000e+00	1.5498e+02
	0.0000e+00	-2.5983e+00	0.0000e+00	9.2077e+00	0.0000e+00	6.3096e+02
	0.0000e+00	-2.5983e+00	0.0000e+00	9.2077e+00	0.0000e+00	-2.7583e+02
2535	0.0000e+00	-3.8402e-05	0.0000e+00	-1.5613e+02	0.0000e+00	2.0073e-03
	0.0000e+00	-3.8402e-05	0.0000e+00	-1.5613e+02	0.0000e+00	2.7927e-04
	0.0000e+00	2.4994e-04	0.0000e+00	7.5634e+00	0.0000e+00	4.5087e-03
	0.0000e+00	2.4994e-04	0.0000e+00	7.5634e+00	0.0000e+00	9.1737e-02
2536	0.0000e+00	8.4557e+00	0.0000e+00	-1.4493e+02	0.0000e+00	-5.3548e+02
	0.0000e+00	8.4557e+00	0.0000e+00	-1.4493e+02	0.0000e+00	-1.5497e+02
	0.0000e+00	2.5984e+00	0.0000e+00	9.2180e+00	0.0000e+00	-6.3092e+02
	0.0000e+00	2.5984e+00	0.0000e+00	9.2180e+00	0.0000e+00	2.7590e+02
2537	0.0000e+00	1.8748e+01	0.0000e+00	-2.1582e+02	0.0000e+00	-1.2587e+03
	0.0000e+00	1.8748e+01	0.0000e+00	-2.1582e+02	0.0000e+00	-4.1505e+02
	0.0000e+00	7.5214e+00	0.0000e+00	2.6189e+01	0.0000e+00	-1.7551e+03
	0.0000e+00	7.5214e+00	0.0000e+00	2.6189e+01	0.0000e+00	8.6986e+02
2538	0.0000e+00	2.5721e+01	0.0000e+00	-5.7511e+01	0.0000e+00	-1.6588e+03
	0.0000e+00	2.5721e+01	0.0000e+00	-5.7511e+01	0.0000e+00	-5.0139e+02
	0.0000e+00	8.9482e+00	0.0000e+00	-2.8833e+01	0.0000e+00	-2.1147e+03
	0.0000e+00	8.9482e+00	0.0000e+00	-2.8833e+01	0.0000e+00	1.0082e+03
2539	0.0000e+00	3.8237e+01	0.0000e+00	-1.0706e+02	0.0000e+00	-2.3993e+03
	0.0000e+00	3.8237e+01	0.0000e+00	-1.0706e+02	0.0000e+00	-6.7869e+02
	0.0000e+00	1.2347e+01	0.0000e+00	8.3853e+00	0.0000e+00	-2.8407e+03
	0.0000e+00	1.2347e+01	0.0000e+00	8.3853e+00	0.0000e+00	1.4685e+03
2540	0.0000e+00	1.5637e+01	0.0000e+00	-1.4589e+02	0.0000e+00	-1.3275e+03
	0.0000e+00	1.5637e+01	0.0000e+00	-1.4589e+02	0.0000e+00	-6.2386e+02
	0.0000e+00	1.2411e+01	0.0000e+00	3.0632e+00	0.0000e+00	-2.6965e+03
	0.0000e+00	1.2411e+01	0.0000e+00	3.0632e+00	0.0000e+00	1.6350e+03

Condizione "(1) Torcente di piano SLV"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
629	0.0000e+00	-2.7774e-03	0.0000e+00	1.9165e+01	0.0000e+00	4.9681e-01
	0.0000e+00	-2.7774e-03	0.0000e+00	1.9165e+01	0.0000e+00	-2.2551e-02
630	0.0000e+00	1.1694e+02	0.0000e+00	-3.7051e+02	0.0000e+00	-6.5051e+03
	0.0000e+00	1.1694e+02	0.0000e+00	-3.7051e+02	0.0000e+00	1.5362e+04
631	0.0000e+00	-1.1668e+02	0.0000e+00	-3.7636e+02	0.0000e+00	6.4864e+03
	0.0000e+00	-1.1668e+02	0.0000e+00	-3.7636e+02	0.0000e+00	-1.5333e+04
632	3.8939e+01	-4.2313e+01	-1.0349e+00	-2.4130e+01	1.4674e+02	5.2045e+03
	3.8939e+01	-4.2313e+01	-1.0349e+00	-2.4130e+01	1.9450e+01	0.0000e+00
633	-1.8849e+01	2.2546e+01	-9.3403e-01	-2.2501e+01	1.3302e+02	-2.7731e+03
	-1.8849e+01	2.2546e+01	-9.3403e-01	-2.2501e+01	1.8136e+01	-1.4552e-11
634	-6.9192e+00	8.7395e+00	-8.9221e-01	-2.0465e+01	1.2624e+02	-1.0750e+03
	-6.9192e+00	8.7395e+00	-8.9221e-01	-2.0465e+01	1.6496e+01	0.0000e+00
635	-3.7233e+00	5.0597e+00	-8.8279e-01	-1.9726e+01	1.2448e+02	-6.2234e+02
	-3.7233e+00	5.0597e+00	-8.8279e-01	-1.9726e+01	1.5900e+01	1.0914e-11
636	-1.5247e+00	1.9867e+00	-8.6278e-01	-1.8911e+01	1.2136e+02	-2.4437e+02
	-1.5247e+00	1.9867e+00	-8.6278e-01	-1.8911e+01	1.5243e+01	1.8190e-12
637	2.3072e-02	-1.9905e-02	-8.5693e-01	-1.8704e+01	1.2048e+02	2.4484e+00
	2.3072e-02	-1.9905e-02	-8.5693e-01	-1.8704e+01	1.5076e+01	3.5527e-15
638	1.5633e+00	-2.0149e+00	-8.5866e-01	-1.8878e+01	1.2083e+02	2.4784e+02
	1.5633e+00	-2.0149e+00	-8.5866e-01	-1.8878e+01	1.5216e+01	0.0000e+00
639	3.7174e+00	-5.0264e+00	-8.7307e-01	-1.9649e+01	1.2323e+02	6.1825e+02
	3.7174e+00	-5.0264e+00	-8.7307e-01	-1.9649e+01	1.5838e+01	7.2760e-12
640	6.7303e+00	-8.4785e+00	-8.7820e-01	-2.0348e+01	1.2442e+02	1.0429e+03
	6.7303e+00	-8.4785e+00	-8.7820e-01	-2.0348e+01	1.6401e+01	0.0000e+00
641	1.9562e+01	-2.3529e+01	-9.1131e-01	-2.2344e+01	1.3010e+02	2.8940e+03
	1.9562e+01	-2.3529e+01	-9.1131e-01	-2.2344e+01	1.8010e+01	7.2760e-12
642	-3.9328e+01	4.3050e+01	-1.0864e+00	-2.6421e+01	1.5493e+02	-5.2951e+03
	-3.9328e+01	4.3050e+01	-1.0864e+00	-2.6421e+01	2.1296e+01	0.0000e+00
654	0.0000e+00	-2.1284e+01	0.0000e+00	-3.6667e+03	0.0000e+00	-1.5610e+03
	0.0000e+00	1.1662e+02	0.0000e+00	-6.5051e+03	0.0000e+00	3.7051e+02
655	0.0000e+00	-7.4618e-01	0.0000e+00	-1.9949e+03	0.0000e+00	2.6997e+02
	0.0000e+00	-1.3707e+01	0.0000e+00	-3.6667e+03	0.0000e+00	-1.5610e+03
656	0.0000e+00	-1.0521e+00	0.0000e+00	-1.3987e+03	0.0000e+00	9.3576e+01
	0.0000e+00	2.2131e+00	0.0000e+00	-1.9949e+03	0.0000e+00	2.6997e+02
657	0.0000e+00	-5.5488e-01	0.0000e+00	-9.1207e+02	0.0000e+00	1.9890e+01
	0.0000e+00	1.5795e+00	0.0000e+00	-1.3987e+03	0.0000e+00	9.3576e+01
658	0.0000e+00	-9.1747e-02	0.0000e+00	-8.0503e+02	0.0000e+00	9.1635e+00
	0.0000e+00	2.7506e-01	0.0000e+00	-9.1207e+02	0.0000e+00	1.9890e+01
659	0.0000e+00	2.8677e-01	0.0000e+00	-9.1053e+02	0.0000e+00	-2.0580e+01
	0.0000e+00	-1.0517e-01	0.0000e+00	-8.0453e+02	0.0000e+00	-1.0001e+01
660	0.0000e+00	1.6039e+00	0.0000e+00	-1.3952e+03	0.0000e+00	-9.4720e+01
	0.0000e+00	-5.6912e-01	0.0000e+00	-9.1053e+02	0.0000e+00	-2.0580e+01
661	0.0000e+00	2.2569e+00	0.0000e+00	-1.9896e+03	0.0000e+00	-2.7457e+02
	0.0000e+00	-1.0693e+00	0.0000e+00	-1.3952e+03	0.0000e+00	-9.4720e+01
662	0.0000e+00	-1.3873e+01	0.0000e+00	-3.6564e+03	0.0000e+00	1.5782e+03
	0.0000e+00	-7.6929e-01	0.0000e+00	-1.9896e+03	0.0000e+00	-2.7457e+02
663	0.0000e+00	1.1713e+02	0.0000e+00	-6.4864e+03	0.0000e+00	-3.7636e+02
	0.0000e+00	-2.1263e+01	0.0000e+00	-3.6564e+03	0.0000e+00	1.5782e+03
664	0.0000e+00	1.3510e+01	0.0000e+00	3.8746e+03	0.0000e+00	8.7054e+02
	0.0000e+00	-6.6167e+01	0.0000e+00	1.6176e+03	0.0000e+00	-1.4002e+02

665	0.0000e+00	5.5612e+00	0.0000e+00	7.9099e+02	0.0000e+00	-4.3693e+02
	0.0000e+00	5.2712e+00	0.0000e+00	-2.1202e+03	0.0000e+00	7.5591e+02
666	0.0000e+00	5.7811e+00	0.0000e+00	-8.7412e+02	0.0000e+00	-4.1647e+02
	0.0000e+00	-7.1507e+00	0.0000e+00	-2.4959e+03	0.0000e+00	-6.2642e+02
667	0.0000e+00	2.3602e+00	0.0000e+00	-1.8138e+03	0.0000e+00	-6.3400e+01
	0.0000e+00	-6.9965e+00	0.0000e+00	-3.4048e+03	0.0000e+00	-4.8350e+02
668	0.0000e+00	-7.7948e-02	0.0000e+00	-2.2754e+03	0.0000e+00	5.1258e+01
	0.0000e+00	-1.8155e+00	0.0000e+00	-2.6634e+03	0.0000e+00	-1.6454e+02
669	0.0000e+00	-1.7910e+00	0.0000e+00	-2.6622e+03	0.0000e+00	1.6286e+02
	0.0000e+00	-1.0157e-01	0.0000e+00	-2.2732e+03	0.0000e+00	-5.2627e+01
670	0.0000e+00	-7.0016e+00	0.0000e+00	-3.4000e+03	0.0000e+00	4.8171e+02
	0.0000e+00	2.3459e+00	0.0000e+00	-1.8092e+03	0.0000e+00	6.2225e+01
671	0.0000e+00	-7.2657e+00	0.0000e+00	-2.4939e+03	0.0000e+00	6.3918e+02
	0.0000e+00	5.7822e+00	0.0000e+00	-8.7314e+02	0.0000e+00	4.1578e+02
672	0.0000e+00	5.7044e+00	0.0000e+00	-2.1567e+03	0.0000e+00	-7.9964e+02
	0.0000e+00	5.6322e+00	0.0000e+00	7.6072e+02	0.0000e+00	4.5156e+02
673	0.0000e+00	-6.6587e+01	0.0000e+00	1.7004e+03	0.0000e+00	1.4932e+02
	0.0000e+00	1.3212e+01	0.0000e+00	3.9541e+03	0.0000e+00	-9.1130e+02
2422	4.5475e-13	4.9446e+00	1.1369e-13	6.6919e+02	0.0000e+00	-9.4293e+02
	4.5475e-13	4.9446e+00	1.1369e-13	6.6919e+02	0.0000e+00	1.0349e+03
2423	-4.5475e-13	3.3626e+00	0.0000e+00	5.4649e+02	0.0000e+00	-7.3332e+02
	-4.5475e-13	3.3626e+00	0.0000e+00	5.4649e+02	0.0000e+00	7.4623e+02
2424	0.0000e+00	7.5753e+00	-1.1369e-13	5.2549e+02	0.0000e+00	-1.0577e+03
	0.0000e+00	7.5753e+00	-1.1369e-13	5.2549e+02	0.0000e+00	1.0634e+03
2425	0.0000e+00	3.2759e+00	0.0000e+00	5.8391e+02	-7.2760e-12	-7.3080e+02
	0.0000e+00	3.2759e+00	0.0000e+00	5.8391e+02	0.0000e+00	7.1060e+02
2426	-9.0949e-13	5.1430e+00	1.4211e-14	5.5342e+02	0.0000e+00	-8.8844e+02
	-9.0949e-13	5.1430e+00	1.4211e-14	5.5342e+02	0.0000e+00	9.1162e+02
2427	-9.0949e-13	5.1431e+00	0.0000e+00	5.5342e+02	3.6380e-12	-9.1162e+02
	-9.0949e-13	5.1431e+00	0.0000e+00	5.5342e+02	-3.6380e-12	8.8844e+02
2428	0.0000e+00	3.2759e+00	0.0000e+00	5.8390e+02	-3.6380e-12	-7.1060e+02
	0.0000e+00	3.2759e+00	0.0000e+00	5.8390e+02	7.2760e-12	7.3080e+02
2429	9.0949e-13	7.5751e+00	0.0000e+00	5.2549e+02	0.0000e+00	-1.0634e+03
	9.0949e-13	7.5751e+00	0.0000e+00	5.2549e+02	0.0000e+00	1.0577e+03
2430	0.0000e+00	3.3633e+00	0.0000e+00	5.4655e+02	0.0000e+00	-7.4643e+02
	0.0000e+00	3.3633e+00	0.0000e+00	5.4655e+02	0.0000e+00	7.3344e+02
2431	4.5475e-13	4.9427e+00	1.1369e-13	6.6899e+02	0.0000e+00	-1.0345e+03
	4.5475e-13	4.9427e+00	1.1369e-13	6.6899e+02	0.0000e+00	9.4260e+02
2432	0.0000e+00	-4.2465e+01	1.1369e-13	1.5463e+03	0.0000e+00	8.1058e+03
	0.0000e+00	-4.2465e+01	1.1369e-13	1.5463e+03	0.0000e+00	-8.8800e+03
2433	0.0000e+00	-2.8424e+01	0.0000e+00	1.5198e+03	-1.4552e-11	6.1844e+03
	0.0000e+00	-2.8424e+01	0.0000e+00	1.5198e+03	1.4552e-11	-6.3220e+03
2434	0.0000e+00	-6.5902e+01	1.1369e-13	1.4968e+03	-2.9104e-11	9.2348e+03
	0.0000e+00	-6.5902e+01	1.1369e-13	1.4968e+03	1.4552e-11	-9.2176e+03
2435	3.6380e-12	-2.9005e+01	0.0000e+00	1.4999e+03	-7.2760e-12	6.4461e+03
	3.6380e-12	-2.9005e+01	0.0000e+00	1.4999e+03	3.6380e-12	-6.3160e+03
2436	0.0000e+00	3.8623e+01	1.1369e-13	1.3288e+03	0.0000e+00	-7.3728e+03
	0.0000e+00	3.8623e+01	1.1369e-13	1.3288e+03	0.0000e+00	8.0763e+03
2437	0.0000e+00	2.5262e+01	0.0000e+00	1.2551e+03	0.0000e+00	-5.4987e+03
	0.0000e+00	2.5262e+01	0.0000e+00	1.2551e+03	0.0000e+00	5.6164e+03
2438	0.0000e+00	5.9043e+01	-1.1369e-13	1.2398e+03	1.4552e-11	-8.2771e+03

	0.0000e+00	5.9043e+01	-1.1369e-13	1.2398e+03	-1.4552e-11	8.2550e+03
2439	0.0000e+00	2.6192e+01	0.0000e+00	1.2658e+03	-7.2760e-12	-5.8168e+03
	0.0000e+00	2.6192e+01	0.0000e+00	1.2658e+03	3.6380e-12	5.7078e+03
2440	3.6380e-12	4.0140e+01	1.4211e-14	1.2513e+03	-3.6380e-12	-6.9531e+03
	3.6380e-12	4.0140e+01	1.4211e-14	1.2513e+03	3.6380e-12	7.0958e+03
2441	0.0000e+00	-4.4736e+01	0.0000e+00	1.4991e+03	0.0000e+00	7.7457e+03
	0.0000e+00	-4.4736e+01	0.0000e+00	1.4991e+03	1.8190e-12	-7.9117e+03
2442	0.0000e+00	-4.4735e+01	0.0000e+00	1.4991e+03	1.8190e-12	7.9117e+03
	0.0000e+00	-4.4735e+01	0.0000e+00	1.4991e+03	0.0000e+00	-7.7457e+03
2443	0.0000e+00	-2.9004e+01	2.8422e-14	1.4999e+03	0.0000e+00	6.3159e+03
	0.0000e+00	-2.9004e+01	2.8422e-14	1.4999e+03	0.0000e+00	-6.4460e+03
2444	0.0000e+00	-6.5900e+01	0.0000e+00	1.4968e+03	-1.4552e-11	9.2174e+03
	0.0000e+00	-6.5900e+01	0.0000e+00	1.4968e+03	0.0000e+00	-9.2345e+03
2445	0.0000e+00	-2.8423e+01	0.0000e+00	1.5197e+03	0.0000e+00	6.3218e+03
	0.0000e+00	-2.8423e+01	0.0000e+00	1.5197e+03	-1.4552e-11	-6.1842e+03
2446	0.0000e+00	-4.2468e+01	0.0000e+00	1.5464e+03	0.0000e+00	8.8806e+03
	0.0000e+00	-4.2468e+01	0.0000e+00	1.5464e+03	0.0000e+00	-8.1066e+03
2447	0.0000e+00	4.0140e+01	1.4211e-14	1.2513e+03	5.4570e-12	-7.0958e+03
	0.0000e+00	4.0140e+01	1.4211e-14	1.2513e+03	-3.6380e-12	6.9532e+03
2448	-3.6380e-12	2.6192e+01	2.8422e-14	1.2658e+03	0.0000e+00	-5.7078e+03
	-3.6380e-12	2.6192e+01	2.8422e-14	1.2658e+03	0.0000e+00	5.8169e+03
2449	3.6380e-12	5.9044e+01	-1.1369e-13	1.2398e+03	0.0000e+00	-8.2551e+03
	3.6380e-12	5.9044e+01	-1.1369e-13	1.2398e+03	0.0000e+00	8.2772e+03
2450	0.0000e+00	2.5265e+01	5.6843e-14	1.2552e+03	-1.4552e-11	-5.6174e+03
	0.0000e+00	2.5265e+01	5.6843e-14	1.2552e+03	0.0000e+00	5.4995e+03
2451	0.0000e+00	3.8612e+01	0.0000e+00	1.3285e+03	1.4552e-11	-8.0741e+03
	0.0000e+00	3.8612e+01	0.0000e+00	1.3285e+03	0.0000e+00	7.3707e+03
2452	0.0000e+00	3.2724e+02	7.1054e-15	4.8496e+03	0.0000e+00	-6.0249e+04
	0.0000e+00	3.2724e+02	7.1054e-15	4.8496e+03	-2.7285e-12	8.2426e+04
2453	0.0000e+00	5.3768e+02	-2.8422e-14	4.7104e+03	7.2760e-12	-9.3487e+04
	0.0000e+00	5.3768e+02	-2.8422e-14	4.7104e+03	-7.2760e-12	6.9969e+04
2454	0.0000e+00	2.5744e+02	-1.4211e-14	3.6428e+03	3.6380e-12	-4.7212e+04
	0.0000e+00	2.5744e+02	-1.4211e-14	3.6428e+03	-2.7285e-12	6.5030e+04
2455	0.0000e+00	4.2373e+02	2.8422e-14	3.4883e+03	0.0000e+00	-7.3816e+04
	0.0000e+00	4.2373e+02	2.8422e-14	3.4883e+03	0.0000e+00	5.4998e+04
2456	0.0000e+00	1.8252e+02	-1.4211e-14	3.4120e+03	0.0000e+00	-3.3540e+04
	0.0000e+00	1.8252e+02	-1.4211e-14	3.4120e+03	9.0949e-13	4.6037e+04
2457	0.0000e+00	2.9835e+02	-2.8422e-14	3.2580e+03	7.2760e-12	-5.1980e+04
	0.0000e+00	2.9835e+02	-2.8422e-14	3.2580e+03	-7.2760e-12	3.8718e+04
2458	0.0000e+00	1.3403e+02	-1.4211e-14	3.4231e+03	0.0000e+00	-2.4659e+04
	0.0000e+00	1.3403e+02	-1.4211e-14	3.4231e+03	-9.0949e-13	3.3778e+04
2459	0.0000e+00	2.1830e+02	0.0000e+00	3.2969e+03	7.2760e-12	-3.8030e+04
	0.0000e+00	2.1830e+02	0.0000e+00	3.2969e+03	-7.2760e-12	2.8332e+04
2460	-3.6380e-12	5.9825e+01	-1.4211e-14	3.6536e+03	-3.6380e-12	-1.0986e+04
	-3.6380e-12	5.9825e+01	-1.4211e-14	3.6536e+03	2.7285e-12	1.5098e+04
2461	0.0000e+00	9.8177e+01	5.6843e-14	3.4923e+03	7.2760e-12	-1.7099e+04
	0.0000e+00	9.8177e+01	5.6843e-14	3.4923e+03	-7.2760e-12	1.2747e+04
2462	1.3307e-18	6.1628e-04	0.0000e+00	3.4229e+03	0.0000e+00	-1.2959e-01
	1.3307e-18	6.1628e-04	0.0000e+00	3.4229e+03	-9.0949e-13	1.3911e-01
2463	6.5697e-18	3.9546e-05	0.0000e+00	3.2833e+03	7.2760e-12	-2.6862e-02
	6.5697e-18	3.9546e-05	0.0000e+00	3.2833e+03	-7.2760e-12	-1.4840e-02

2464	0.0000e+00	-5.9824e+01	7.1054e-15	3.6536e+03	0.0000e+00	1.0986e+04
	0.0000e+00	-5.9824e+01	7.1054e-15	3.6536e+03	-9.0949e-13	-1.5098e+04
2465	0.0000e+00	-9.8177e+01	-5.6843e-14	3.4923e+03	7.2760e-12	1.7099e+04
	0.0000e+00	-9.8177e+01	-5.6843e-14	3.4923e+03	-7.2760e-12	-1.2747e+04
2466	0.0000e+00	-1.3403e+02	-1.4211e-14	3.4232e+03	0.0000e+00	2.4659e+04
	0.0000e+00	-1.3403e+02	-1.4211e-14	3.4232e+03	0.0000e+00	-3.3778e+04
2467	0.0000e+00	-2.1829e+02	0.0000e+00	3.2970e+03	7.2760e-12	3.8030e+04
	0.0000e+00	-2.1829e+02	0.0000e+00	3.2970e+03	-7.2760e-12	-2.8332e+04
2468	1.4552e-11	-1.8252e+02	1.4211e-14	3.4120e+03	0.0000e+00	3.3540e+04
	1.4552e-11	-1.8252e+02	1.4211e-14	3.4120e+03	0.0000e+00	-4.6038e+04
2469	-2.9104e-11	-2.9835e+02	0.0000e+00	3.2580e+03	0.0000e+00	5.1980e+04
	-2.9104e-11	-2.9835e+02	0.0000e+00	3.2580e+03	0.0000e+00	-3.8718e+04
2470	1.4552e-11	-2.5744e+02	0.0000e+00	3.6427e+03	0.0000e+00	4.7213e+04
	1.4552e-11	-2.5744e+02	0.0000e+00	3.6427e+03	-2.7285e-12	-6.5031e+04
2471	0.0000e+00	-4.2372e+02	5.6843e-14	3.4886e+03	0.0000e+00	7.3814e+04
	0.0000e+00	-4.2372e+02	5.6843e-14	3.4886e+03	0.0000e+00	-5.4996e+04
2472	0.0000e+00	-3.2723e+02	7.1054e-15	4.8492e+03	0.0000e+00	6.0246e+04
	0.0000e+00	-3.2723e+02	7.1054e-15	4.8492e+03	-2.7285e-12	-8.2424e+04
2473	0.0000e+00	-5.3771e+02	0.0000e+00	4.7105e+03	3.6380e-12	9.3491e+04
	0.0000e+00	-5.3771e+02	0.0000e+00	4.7105e+03	0.0000e+00	-6.9974e+04
2474	-5.0444e+02	-5.1120e+02	8.3566e+01	-5.4052e+03	-2.2474e+04	1.2142e+05
	-5.0444e+02	-5.1120e+02	8.3566e+01	-5.4052e+03	1.2875e+04	-9.4816e+04
2475	2.1539e+02	-6.4797e+02	7.9974e+00	-5.4052e+03	-2.2088e+03	1.4320e+05
	2.1539e+02	-6.4797e+02	7.9974e+00	-5.4052e+03	1.1741e+03	-1.3089e+05
2476	1.6471e+02	-4.9907e+02	1.0680e+01	-5.4052e+03	-2.6739e+03	1.0902e+05
	1.6471e+02	-4.9907e+02	1.0680e+01	-5.4052e+03	1.8436e+03	-1.0209e+05
2477	-4.2171e+02	-3.9330e+02	9.3873e+01	-5.4052e+03	-2.3144e+04	9.2626e+04
	-4.2171e+02	-3.9330e+02	9.3873e+01	-5.4052e+03	1.6564e+04	-7.3742e+04
2478	1.2005e+02	-3.5325e+02	1.1120e+01	-5.4052e+03	-2.7532e+03	7.7188e+04
	1.2005e+02	-3.5325e+02	1.1120e+01	-5.4052e+03	1.9507e+03	-7.2237e+04
2479	7.9966e+01	-2.5963e+02	1.0628e+01	-5.4052e+03	-2.6012e+03	5.6774e+04
	7.9966e+01	-2.5963e+02	1.0628e+01	-5.4052e+03	1.8945e+03	-5.3049e+04
2480	1.7329e+02	-1.8921e+02	-1.0676e+02	-5.4052e+03	2.6062e+04	4.6255e+04
	1.7329e+02	-1.8921e+02	-1.0676e+02	-5.4052e+03	-1.9097e+04	-3.3781e+04
2481	1.5026e+02	-2.5806e+02	-1.0534e+02	-5.4052e+03	2.5624e+04	6.3146e+04
	1.5026e+02	-2.5806e+02	-1.0534e+02	-5.4052e+03	-1.8937e+04	-4.6015e+04
2482	2.8941e+02	-3.6551e+02	-1.0350e+02	-5.4052e+03	2.5584e+04	8.9605e+04
	2.8941e+02	-3.6551e+02	-1.0350e+02	-5.4052e+03	-1.8195e+04	-6.5004e+04
2483	2.4469e+02	-4.7632e+02	-9.0154e+01	-5.4052e+03	2.4281e+04	1.1751e+05
	2.4469e+02	-4.7632e+02	-9.0154e+01	-5.4052e+03	-1.3854e+04	-8.3972e+04
2484	-2.6022e+02	-2.7661e+02	9.4730e+01	-5.4052e+03	-2.2973e+04	6.5040e+04
	-2.6022e+02	-2.7661e+02	9.4730e+01	-5.4052e+03	1.7098e+04	-5.1964e+04
2485	-2.4733e+02	-2.0238e+02	9.7008e+01	-5.4052e+03	-2.3667e+04	4.7549e+04
	-2.4733e+02	-2.0238e+02	9.7008e+01	-5.4052e+03	1.7367e+04	-3.8056e+04
2486	4.0219e+01	-1.1590e+02	1.0486e+01	-5.4052e+03	-2.6320e+03	2.5326e+04
	4.0219e+01	-1.1590e+02	1.0486e+01	-5.4052e+03	1.8037e+03	-2.3702e+04
2487	-2.1399e-02	-7.9909e-04	-1.0628e+02	-5.4052e+03	2.5920e+04	1.9912e-01
	-2.1399e-02	-7.9909e-04	-1.0628e+02	-5.4052e+03	-1.9037e+04	-1.3890e-01
2488	-8.3017e+01	-9.1004e+01	9.3482e+01	-5.4052e+03	-2.3052e+04	2.1410e+04
	-8.3017e+01	-9.1004e+01	9.3482e+01	-5.4052e+03	1.6490e+04	-1.7085e+04
2489	-5.5733e-04	-5.4579e-04	1.0829e+01	-5.4052e+03	-2.6641e+03	1.1766e-01

	-5.5733e-04	-5.4579e-04	1.0829e+01	-5.4052e+03	1.9164e+03	-1.1321e-01
2490	4.5168e+01	-8.4748e+01	-1.0315e+02	-5.4052e+03	2.5498e+04	2.0751e+04
	4.5168e+01	-8.4748e+01	-1.0315e+02	-5.4052e+03	-1.8134e+04	-1.5097e+04
2491	-4.5205e+01	8.4746e+01	-1.0315e+02	-5.4052e+03	2.5498e+04	-2.0751e+04
	-4.5205e+01	8.4746e+01	-1.0315e+02	-5.4052e+03	-1.8134e+04	1.5097e+04
2492	-1.0840e-02	-1.4419e-04	9.6236e+01	-5.4052e+03	-2.3433e+04	3.4038e-02
	-1.0840e-02	-1.4419e-04	9.6236e+01	-5.4052e+03	1.7275e+04	-2.6954e-02
2493	-4.0220e+01	1.1590e+02	1.0486e+01	-5.4052e+03	-2.6320e+03	-2.5325e+04
	-4.0220e+01	1.1590e+02	1.0486e+01	-5.4052e+03	1.8037e+03	2.3702e+04
2494	8.2991e+01	9.1004e+01	9.3482e+01	-5.4052e+03	-2.3052e+04	-2.1410e+04
	8.2991e+01	9.1004e+01	9.3482e+01	-5.4052e+03	1.6490e+04	1.7084e+04
2495	-1.7328e+02	1.8921e+02	-1.0676e+02	-5.4052e+03	2.6061e+04	-4.6255e+04
	-1.7328e+02	1.8921e+02	-1.0676e+02	-5.4052e+03	-1.9097e+04	3.3781e+04
2496	-7.9967e+01	2.5963e+02	1.0628e+01	-5.4052e+03	-2.6011e+03	-5.6774e+04
	-7.9967e+01	2.5963e+02	1.0628e+01	-5.4052e+03	1.8945e+03	5.3049e+04
2497	2.4729e+02	2.0238e+02	9.7007e+01	-5.4052e+03	-2.3667e+04	-4.7549e+04
	2.4729e+02	2.0238e+02	9.7007e+01	-5.4052e+03	1.7367e+04	3.8056e+04
2498	-1.5010e+02	2.5807e+02	-1.0534e+02	-5.4052e+03	2.5623e+04	-6.3147e+04
	-1.5010e+02	2.5807e+02	-1.0534e+02	-5.4052e+03	-1.8937e+04	4.6015e+04
2499	-1.2004e+02	3.5325e+02	1.1121e+01	-5.4052e+03	-2.7533e+03	-7.7188e+04
	-1.2004e+02	3.5325e+02	1.1121e+01	-5.4052e+03	1.9508e+03	7.2237e+04
2500	2.6016e+02	2.7660e+02	9.4732e+01	-5.4052e+03	-2.2974e+04	-6.5039e+04
	2.6016e+02	2.7660e+02	9.4732e+01	-5.4052e+03	1.7098e+04	5.1964e+04
2501	-2.8908e+02	3.6551e+02	-1.0350e+02	-5.4052e+03	2.5585e+04	-8.9605e+04
	-2.8908e+02	3.6551e+02	-1.0350e+02	-5.4052e+03	-1.8196e+04	6.5004e+04
2502	-1.6470e+02	4.9906e+02	1.0678e+01	-5.4052e+03	-2.6738e+03	-1.0902e+05
	-1.6470e+02	4.9906e+02	1.0678e+01	-5.4052e+03	1.8432e+03	1.0209e+05
2503	4.2241e+02	3.9330e+02	9.3865e+01	-5.4052e+03	-2.3142e+04	-9.2624e+04
	4.2241e+02	3.9330e+02	9.3865e+01	-5.4052e+03	1.6563e+04	7.3740e+04
2504	-2.4523e+02	4.7631e+02	-9.0169e+01	-5.4052e+03	2.4284e+04	-1.1751e+05
	-2.4523e+02	4.7631e+02	-9.0169e+01	-5.4052e+03	-1.3857e+04	8.3971e+04
2505	-2.1543e+02	6.4798e+02	7.9901e+00	-5.4052e+03	-2.2067e+03	-1.4321e+05
	-2.1543e+02	6.4798e+02	7.9901e+00	-5.4052e+03	1.1732e+03	1.3089e+05
2506	5.0307e+02	5.1121e+02	8.3547e+01	-5.4052e+03	-2.2469e+04	-1.2142e+05
	5.0307e+02	5.1121e+02	8.3547e+01	-5.4052e+03	1.2872e+04	9.4820e+04
2530	0.0000e+00	-3.4311e+01	0.0000e+00	-3.2031e+02	0.0000e+00	2.9134e+03
	0.0000e+00	-3.4311e+01	0.0000e+00	-3.2031e+02	0.0000e+00	1.3694e+03
	0.0000e+00	-2.7259e+01	0.0000e+00	5.6116e+00	0.0000e+00	5.9187e+03
	0.0000e+00	-2.7259e+01	0.0000e+00	5.6116e+00	0.0000e+00	-3.5947e+03
2531	0.0000e+00	-8.3884e+01	0.0000e+00	-2.3502e+02	0.0000e+00	5.2634e+03
	0.0000e+00	-8.3884e+01	0.0000e+00	-2.3502e+02	0.0000e+00	1.4886e+03
	0.0000e+00	-2.7070e+01	0.0000e+00	1.8439e+01	0.0000e+00	6.2305e+03
	0.0000e+00	-2.7070e+01	0.0000e+00	1.8439e+01	0.0000e+00	-3.2168e+03
2532	0.0000e+00	-5.6427e+01	0.0000e+00	-1.2611e+02	0.0000e+00	3.6390e+03
	0.0000e+00	-5.6427e+01	0.0000e+00	-1.2611e+02	0.0000e+00	1.0998e+03
	0.0000e+00	-1.9628e+01	0.0000e+00	-6.3209e+01	0.0000e+00	4.6385e+03
	0.0000e+00	-1.9628e+01	0.0000e+00	-6.3209e+01	0.0000e+00	-2.2117e+03
2533	0.0000e+00	-4.1130e+01	0.0000e+00	-4.7344e+02	0.0000e+00	2.7614e+03
	0.0000e+00	-4.1130e+01	0.0000e+00	-4.7344e+02	0.0000e+00	9.1053e+02
	0.0000e+00	-1.6501e+01	0.0000e+00	5.7296e+01	0.0000e+00	3.8503e+03
	0.0000e+00	-1.6501e+01	0.0000e+00	5.7296e+01	0.0000e+00	-1.9086e+03

2534	0.0000e+00	-1.8551e+01	0.0000e+00	-3.1793e+02	0.0000e+00	1.1748e+03
	0.0000e+00	-1.8551e+01	0.0000e+00	-3.1793e+02	0.0000e+00	3.4001e+02
	0.0000e+00	-5.7002e+00	0.0000e+00	2.0200e+01	0.0000e+00	1.3842e+03
	0.0000e+00	-5.7002e+00	0.0000e+00	2.0200e+01	0.0000e+00	-6.0513e+02
2535	0.0000e+00	-8.4248e-05	0.0000e+00	-3.4252e+02	0.0000e+00	4.4038e-03
	0.0000e+00	-8.4248e-05	0.0000e+00	-3.4252e+02	0.0000e+00	6.1267e-04
	0.0000e+00	5.4833e-04	0.0000e+00	1.6593e+01	0.0000e+00	9.8914e-03
	0.0000e+00	5.4833e-04	0.0000e+00	1.6593e+01	0.0000e+00	2.0126e-01
2536	0.0000e+00	1.8551e+01	0.0000e+00	-3.1795e+02	0.0000e+00	-1.1748e+03
	0.0000e+00	1.8551e+01	0.0000e+00	-3.1795e+02	0.0000e+00	-3.3999e+02
	0.0000e+00	5.7004e+00	0.0000e+00	2.0223e+01	0.0000e+00	-1.3842e+03
	0.0000e+00	5.7004e+00	0.0000e+00	2.0223e+01	0.0000e+00	6.0529e+02
2537	0.0000e+00	4.1129e+01	0.0000e+00	-4.7348e+02	0.0000e+00	-2.7614e+03
	0.0000e+00	4.1129e+01	0.0000e+00	-4.7348e+02	0.0000e+00	-9.1056e+02
	0.0000e+00	1.6501e+01	0.0000e+00	5.7455e+01	0.0000e+00	-3.8505e+03
	0.0000e+00	1.6501e+01	0.0000e+00	5.7455e+01	0.0000e+00	1.9083e+03
2538	0.0000e+00	5.6427e+01	0.0000e+00	-1.2617e+02	0.0000e+00	-3.6392e+03
	0.0000e+00	5.6427e+01	0.0000e+00	-1.2617e+02	0.0000e+00	-1.1000e+03
	0.0000e+00	1.9631e+01	0.0000e+00	-6.3256e+01	0.0000e+00	-4.6393e+03
	0.0000e+00	1.9631e+01	0.0000e+00	-6.3256e+01	0.0000e+00	2.2119e+03
2539	0.0000e+00	8.3886e+01	0.0000e+00	-2.3487e+02	0.0000e+00	-5.2638e+03
	0.0000e+00	8.3886e+01	0.0000e+00	-2.3487e+02	0.0000e+00	-1.4889e+03
	0.0000e+00	2.7088e+01	0.0000e+00	1.8396e+01	0.0000e+00	-6.2321e+03
	0.0000e+00	2.7088e+01	0.0000e+00	1.8396e+01	0.0000e+00	3.2217e+03
2540	0.0000e+00	3.4305e+01	0.0000e+00	-3.2005e+02	0.0000e+00	-2.9124e+03
	0.0000e+00	3.4305e+01	0.0000e+00	-3.2005e+02	0.0000e+00	-1.3687e+03
	0.0000e+00	2.7228e+01	0.0000e+00	6.7201e+00	0.0000e+00	-5.9156e+03
	0.0000e+00	2.7228e+01	0.0000e+00	6.7201e+00	0.0000e+00	3.5869e+03

Armatura longitudinale negli elementi

Elemento	Area (cm2)	Y (cm)	Z (cm)	Ascissa iniz. (cm)	Lunghezza (cm)
629	2.0106e+00	9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	12.00	0.00	187.00
	2.0106e+00	9.50	12.00	0.00	187.00
630	2.0106e+00	9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	12.00	0.00	187.00
	2.0106e+00	9.50	12.00	0.00	187.00
631	2.0106e+00	9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	-12.00	0.00	187.00
	2.0106e+00	-9.50	12.00	0.00	187.00
	2.0106e+00	9.50	12.00	0.00	187.00
632	2.0106e+00	27.00	-12.00	20.00	100.00
	2.0106e+00	27.00	-12.00	0.00	84.00
	2.0106e+00	13.50	-12.00	20.00	100.00
	2.0106e+00	13.50	-12.00	0.00	84.00
	2.0106e+00	0.00	-12.00	20.00	100.00
	2.0106e+00	0.00	-12.00	0.00	84.00
	2.0106e+00	-13.50	-12.00	20.00	100.00
	2.0106e+00	-13.50	-12.00	0.00	84.00
	2.0106e+00	-27.00	-12.00	20.00	100.00
	2.0106e+00	-27.00	-12.00	0.00	84.00
	2.0106e+00	-27.00	12.00	20.00	100.00
	2.0106e+00	-27.00	12.00	0.00	84.00

[illegible]

[illegible]

	2.0106e+00	27.00	-12.00	0.00	84.00
	2.0106e+00	13.50	-12.00	20.00	100.00
	2.0106e+00	13.50	-12.00	0.00	84.00
	2.0106e+00	0.00	-12.00	20.00	100.00
	2.0106e+00	0.00	-12.00	0.00	84.00
	2.0106e+00	-13.50	-12.00	20.00	100.00
	2.0106e+00	-13.50	-12.00	0.00	84.00
	2.0106e+00	-27.00	-12.00	20.00	100.00
	2.0106e+00	-27.00	-12.00	0.00	84.00
	2.0106e+00	-27.00	12.00	20.00	100.00
	2.0106e+00	-27.00	12.00	0.00	84.00
	2.0106e+00	-13.50	12.00	20.00	100.00
	2.0106e+00	-13.50	12.00	0.00	84.00
	2.0106e+00	0.00	12.00	20.00	100.00
	2.0106e+00	0.00	12.00	0.00	84.00
	2.0106e+00	13.50	12.00	20.00	100.00
	2.0106e+00	13.50	12.00	0.00	84.00
	2.0106e+00	27.00	12.00	20.00	100.00
	2.0106e+00	27.00	12.00	0.00	84.00
654	2.0106e+00	17.00	-37.00	0.00	400.00
	2.0106e+00	-17.00	-37.00	140.01	259.99
	2.0106e+00	-17.00	-37.00	0.00	259.99
	2.0106e+00	-17.00	-18.50	140.01	259.99
	2.0106e+00	-17.00	-18.50	0.00	259.99
	2.0106e+00	-17.00	0.00	140.01	259.99
	2.0106e+00	-17.00	0.00	0.00	259.99
	2.0106e+00	-17.00	18.50	140.01	259.99
	2.0106e+00	-17.00	18.50	0.00	259.99
	2.0106e+00	-17.00	37.00	140.01	259.99
	2.0106e+00	-17.00	37.00	0.00	259.99
	2.0106e+00	17.00	37.00	0.00	400.00
	2.0106e+00	17.00	18.50	0.00	400.00
	2.0106e+00	17.00	0.00	0.00	400.00
	2.0106e+00	17.00	-18.50	0.00	400.00
655	2.0106e+00	17.00	-37.00	0.00	440.00
	2.0106e+00	-17.00	-37.00	160.01	279.99
	2.0106e+00	-17.00	-37.00	0.00	279.99
	2.0106e+00	-17.00	-18.50	160.01	279.99
	2.0106e+00	-17.00	-18.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	18.50	160.01	279.99
	2.0106e+00	-17.00	18.50	0.00	279.99
	2.0106e+00	-17.00	37.00	160.01	279.99
	2.0106e+00	-17.00	37.00	0.00	279.99
	2.0106e+00	17.00	37.00	0.00	440.00
	2.0106e+00	17.00	18.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-18.50	0.00	440.00
656	2.0106e+00	17.00	-37.00	0.00	280.00
	2.0106e+00	-17.00	-37.00	80.01	199.99
	2.0106e+00	-17.00	-37.00	0.00	199.99
	2.0106e+00	-17.00	-18.50	80.01	199.99
	2.0106e+00	-17.00	-18.50	0.00	199.99
	2.0106e+00	-17.00	0.00	80.01	199.99
	2.0106e+00	-17.00	0.00	0.00	199.99
	2.0106e+00	-17.00	18.50	80.01	199.99
	2.0106e+00	-17.00	18.50	0.00	199.99
	2.0106e+00	-17.00	37.00	80.01	199.99
	2.0106e+00	-17.00	37.00	0.00	199.99
	2.0106e+00	17.00	37.00	0.00	280.00
	2.0106e+00	17.00	18.50	0.00	280.00
	2.0106e+00	17.00	0.00	0.00	280.00

	2.0106e+00	17.00	-18.50	0.00	280.00
657	2.0106e+00	17.00	-37.00	0.00	440.00
	2.0106e+00	-17.00	-37.00	160.01	279.99
	2.0106e+00	-17.00	-37.00	0.00	279.99
	2.0106e+00	-17.00	-18.50	160.01	279.99
	2.0106e+00	-17.00	-18.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	18.50	160.01	279.99
	2.0106e+00	-17.00	18.50	0.00	279.99
	2.0106e+00	-17.00	37.00	160.01	279.99
	2.0106e+00	-17.00	37.00	0.00	279.99
	2.0106e+00	17.00	37.00	0.00	440.00
	2.0106e+00	17.00	18.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-18.50	0.00	440.00
658	2.0106e+00	17.00	-37.00	0.00	350.00
	2.0106e+00	-17.00	-37.00	115.01	234.99
	2.0106e+00	-17.00	-37.00	0.00	234.99
	2.0106e+00	-17.00	-18.50	115.01	234.99
	2.0106e+00	-17.00	-18.50	0.00	234.99
	2.0106e+00	-17.00	0.00	115.01	234.99
	2.0106e+00	-17.00	0.00	0.00	234.99
	2.0106e+00	-17.00	18.50	115.01	234.99
	2.0106e+00	-17.00	18.50	0.00	234.99
	2.0106e+00	-17.00	37.00	115.01	234.99
	2.0106e+00	-17.00	37.00	0.00	234.99
	2.0106e+00	17.00	37.00	0.00	350.00
	2.0106e+00	17.00	18.50	0.00	350.00
	2.0106e+00	17.00	0.00	0.00	350.00
	2.0106e+00	17.00	-18.50	0.00	350.00
659	2.0106e+00	17.00	-37.00	0.00	350.00
	2.0106e+00	-17.00	-37.00	115.01	234.99
	2.0106e+00	-17.00	-37.00	0.00	234.99
	2.0106e+00	-17.00	-18.50	115.01	234.99
	2.0106e+00	-17.00	-18.50	0.00	234.99
	2.0106e+00	-17.00	0.00	115.01	234.99
	2.0106e+00	-17.00	0.00	0.00	234.99
	2.0106e+00	-17.00	18.50	115.01	234.99
	2.0106e+00	-17.00	18.50	0.00	234.99
	2.0106e+00	-17.00	37.00	115.01	234.99
	2.0106e+00	-17.00	37.00	0.00	234.99
	2.0106e+00	17.00	37.00	0.00	350.00
	2.0106e+00	17.00	18.50	0.00	350.00
	2.0106e+00	17.00	0.00	0.00	350.00
	2.0106e+00	17.00	-18.50	0.00	350.00
660	2.0106e+00	17.00	-37.00	0.00	440.00
	2.0106e+00	-17.00	-37.00	160.01	279.99
	2.0106e+00	-17.00	-37.00	0.00	279.99
	2.0106e+00	-17.00	-18.50	160.01	279.99
	2.0106e+00	-17.00	-18.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	18.50	160.01	279.99
	2.0106e+00	-17.00	18.50	0.00	279.99
	2.0106e+00	-17.00	37.00	160.01	279.99
	2.0106e+00	-17.00	37.00	0.00	279.99
	2.0106e+00	17.00	37.00	0.00	440.00
	2.0106e+00	17.00	18.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-18.50	0.00	440.00
661	2.0106e+00	17.00	-37.00	0.00	280.00

	2.0106e+00	-17.00	-37.00	80.01	199.99
	2.0106e+00	-17.00	-37.00	0.00	199.99
	2.0106e+00	-17.00	-18.50	80.01	199.99
	2.0106e+00	-17.00	-18.50	0.00	199.99
	2.0106e+00	-17.00	0.00	80.01	199.99
	2.0106e+00	-17.00	0.00	0.00	199.99
	2.0106e+00	-17.00	18.50	80.01	199.99
	2.0106e+00	-17.00	18.50	0.00	199.99
	2.0106e+00	-17.00	37.00	80.01	199.99
	2.0106e+00	-17.00	37.00	0.00	199.99
	2.0106e+00	17.00	37.00	0.00	280.00
	2.0106e+00	17.00	18.50	0.00	280.00
	2.0106e+00	17.00	0.00	0.00	280.00
	2.0106e+00	17.00	-18.50	0.00	280.00
662	2.0106e+00	17.00	-37.00	0.00	440.00
	2.0106e+00	-17.00	-37.00	160.01	279.99
	2.0106e+00	-17.00	-37.00	0.00	279.99
	2.0106e+00	-17.00	-18.50	160.01	279.99
	2.0106e+00	-17.00	-18.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	18.50	160.01	279.99
	2.0106e+00	-17.00	18.50	0.00	279.99
	2.0106e+00	-17.00	37.00	160.01	279.99
	2.0106e+00	-17.00	37.00	0.00	279.99
	2.0106e+00	17.00	37.00	0.00	440.00
	2.0106e+00	17.00	18.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-18.50	0.00	440.00
663	2.0106e+00	17.00	-37.00	0.00	400.00
	2.0106e+00	-17.00	-37.00	140.01	259.99
	2.0106e+00	-17.00	-37.00	0.00	259.99
	2.0106e+00	-17.00	-18.50	140.01	259.99
	2.0106e+00	-17.00	-18.50	0.00	259.99
	2.0106e+00	-17.00	0.00	140.01	259.99
	2.0106e+00	-17.00	0.00	0.00	259.99
	2.0106e+00	-17.00	18.50	140.01	259.99
	2.0106e+00	-17.00	18.50	0.00	259.99
	2.0106e+00	-17.00	37.00	140.01	259.99
	2.0106e+00	-17.00	37.00	0.00	259.99
	2.0106e+00	17.00	37.00	0.00	400.00
	2.0106e+00	17.00	18.50	0.00	400.00
	2.0106e+00	17.00	0.00	0.00	400.00
	2.0106e+00	17.00	-18.50	0.00	400.00
664	2.0106e+00	17.00	-47.00	0.00	400.00
	2.0106e+00	-17.00	-47.00	140.01	259.99
	2.0106e+00	-17.00	-47.00	0.00	259.99
	2.0106e+00	-17.00	-23.50	140.01	259.99
	2.0106e+00	-17.00	-23.50	0.00	259.99
	2.0106e+00	-17.00	0.00	140.01	259.99
	2.0106e+00	-17.00	0.00	0.00	259.99
	2.0106e+00	-17.00	23.50	140.01	259.99
	2.0106e+00	-17.00	23.50	0.00	259.99
	2.0106e+00	-17.00	47.00	140.01	259.99
	2.0106e+00	-17.00	47.00	0.00	259.99
	2.0106e+00	17.00	47.00	0.00	400.00
	2.0106e+00	17.00	23.50	0.00	400.00
	2.0106e+00	17.00	0.00	0.00	400.00
	2.0106e+00	17.00	-23.50	0.00	400.00
665	2.0106e+00	17.00	-47.00	0.00	440.00
	2.0106e+00	-17.00	-47.00	160.01	279.99
	2.0106e+00	-17.00	-47.00	0.00	279.99
	2.0106e+00	-17.00	-23.50	160.01	279.99

	2.0106e+00	-17.00	-23.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	23.50	160.01	279.99
	2.0106e+00	-17.00	23.50	0.00	279.99
	2.0106e+00	-17.00	47.00	160.01	279.99
	2.0106e+00	-17.00	47.00	0.00	279.99
	2.0106e+00	17.00	47.00	0.00	440.00
	2.0106e+00	17.00	23.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-23.50	0.00	440.00
666	2.0106e+00	17.00	-47.00	0.00	280.00
	2.0106e+00	-17.00	-47.00	80.01	199.99
	2.0106e+00	-17.00	-47.00	0.00	199.99
	2.0106e+00	-17.00	-23.50	80.01	199.99
	2.0106e+00	-17.00	-23.50	0.00	199.99
	2.0106e+00	-17.00	0.00	80.01	199.99
	2.0106e+00	-17.00	0.00	0.00	199.99
	2.0106e+00	-17.00	23.50	80.01	199.99
	2.0106e+00	-17.00	23.50	0.00	199.99
	2.0106e+00	-17.00	47.00	80.01	199.99
	2.0106e+00	-17.00	47.00	0.00	199.99
	2.0106e+00	17.00	47.00	0.00	280.00
	2.0106e+00	17.00	23.50	0.00	280.00
	2.0106e+00	17.00	0.00	0.00	280.00
	2.0106e+00	17.00	-23.50	0.00	280.00
667	2.0106e+00	17.00	-47.00	0.00	440.00
	2.0106e+00	-17.00	-47.00	160.01	279.99
	2.0106e+00	-17.00	-47.00	0.00	279.99
	2.0106e+00	-17.00	-23.50	160.01	279.99
	2.0106e+00	-17.00	-23.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	23.50	160.01	279.99
	2.0106e+00	-17.00	23.50	0.00	279.99
	2.0106e+00	-17.00	47.00	160.01	279.99
	2.0106e+00	-17.00	47.00	0.00	279.99
	2.0106e+00	17.00	47.00	0.00	440.00
	2.0106e+00	17.00	23.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-23.50	0.00	440.00
668	2.0106e+00	17.00	-47.00	0.00	350.00
	2.0106e+00	-17.00	-47.00	115.01	234.99
	2.0106e+00	-17.00	-47.00	0.00	234.99
	2.0106e+00	-17.00	-23.50	115.01	234.99
	2.0106e+00	-17.00	-23.50	0.00	234.99
	2.0106e+00	-17.00	0.00	115.01	234.99
	2.0106e+00	-17.00	0.00	0.00	234.99
	2.0106e+00	-17.00	23.50	115.01	234.99
	2.0106e+00	-17.00	23.50	0.00	234.99
	2.0106e+00	-17.00	47.00	115.01	234.99
	2.0106e+00	-17.00	47.00	0.00	234.99
	2.0106e+00	17.00	47.00	0.00	350.00
	2.0106e+00	17.00	23.50	0.00	350.00
	2.0106e+00	17.00	0.00	0.00	350.00
	2.0106e+00	17.00	-23.50	0.00	350.00
669	2.0106e+00	17.00	-47.00	0.00	350.00
	2.0106e+00	-17.00	-47.00	115.01	234.99
	2.0106e+00	-17.00	-47.00	0.00	234.99
	2.0106e+00	-17.00	-23.50	115.01	234.99
	2.0106e+00	-17.00	-23.50	0.00	234.99
	2.0106e+00	-17.00	0.00	115.01	234.99
	2.0106e+00	-17.00	0.00	0.00	234.99

	2.0106e+00	-17.00	23.50	115.01	234.99
	2.0106e+00	-17.00	23.50	0.00	234.99
	2.0106e+00	-17.00	47.00	115.01	234.99
	2.0106e+00	-17.00	47.00	0.00	234.99
	2.0106e+00	17.00	47.00	0.00	350.00
	2.0106e+00	17.00	23.50	0.00	350.00
	2.0106e+00	17.00	0.00	0.00	350.00
	2.0106e+00	17.00	-23.50	0.00	350.00
670	2.0106e+00	17.00	-47.00	0.00	440.00
	2.0106e+00	-17.00	-47.00	160.01	279.99
	2.0106e+00	-17.00	-47.00	0.00	279.99
	2.0106e+00	-17.00	-23.50	160.01	279.99
	2.0106e+00	-17.00	-23.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	23.50	160.01	279.99
	2.0106e+00	-17.00	23.50	0.00	279.99
	2.0106e+00	-17.00	47.00	160.01	279.99
	2.0106e+00	-17.00	47.00	0.00	279.99
	2.0106e+00	17.00	47.00	0.00	440.00
	2.0106e+00	17.00	23.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-23.50	0.00	440.00
671	2.0106e+00	17.00	-47.00	0.00	280.00
	2.0106e+00	-17.00	-47.00	80.01	199.99
	2.0106e+00	-17.00	-47.00	0.00	199.99
	2.0106e+00	-17.00	-23.50	80.01	199.99
	2.0106e+00	-17.00	-23.50	0.00	199.99
	2.0106e+00	-17.00	0.00	80.01	199.99
	2.0106e+00	-17.00	0.00	0.00	199.99
	2.0106e+00	-17.00	23.50	80.01	199.99
	2.0106e+00	-17.00	23.50	0.00	199.99
	2.0106e+00	-17.00	47.00	80.01	199.99
	2.0106e+00	-17.00	47.00	0.00	199.99
	2.0106e+00	17.00	47.00	0.00	280.00
	2.0106e+00	17.00	23.50	0.00	280.00
	2.0106e+00	17.00	0.00	0.00	280.00
	2.0106e+00	17.00	-23.50	0.00	280.00
672	2.0106e+00	17.00	-47.00	0.00	440.00
	2.0106e+00	-17.00	-47.00	160.01	279.99
	2.0106e+00	-17.00	-47.00	0.00	279.99
	2.0106e+00	-17.00	-23.50	160.01	279.99
	2.0106e+00	-17.00	-23.50	0.00	279.99
	2.0106e+00	-17.00	0.00	160.01	279.99
	2.0106e+00	-17.00	0.00	0.00	279.99
	2.0106e+00	-17.00	23.50	160.01	279.99
	2.0106e+00	-17.00	23.50	0.00	279.99
	2.0106e+00	-17.00	47.00	160.01	279.99
	2.0106e+00	-17.00	47.00	0.00	279.99
	2.0106e+00	17.00	47.00	0.00	440.00
	2.0106e+00	17.00	23.50	0.00	440.00
	2.0106e+00	17.00	0.00	0.00	440.00
	2.0106e+00	17.00	-23.50	0.00	440.00
673	2.0106e+00	17.00	-47.00	0.00	400.00
	2.0106e+00	-17.00	-47.00	140.01	259.99
	2.0106e+00	-17.00	-47.00	0.00	259.99
	2.0106e+00	-17.00	-23.50	140.01	259.99
	2.0106e+00	-17.00	-23.50	0.00	259.99
	2.0106e+00	-17.00	0.00	140.01	259.99
	2.0106e+00	-17.00	0.00	0.00	259.99
	2.0106e+00	-17.00	23.50	140.01	259.99
	2.0106e+00	-17.00	23.50	0.00	259.99
	2.0106e+00	-17.00	47.00	140.01	259.99

	2.0106e+00	-17.00	47.00	0.00	259.99
	2.0106e+00	17.00	47.00	0.00	400.00
	2.0106e+00	17.00	23.50	0.00	400.00
	2.0106e+00	17.00	0.00	0.00	400.00
	2.0106e+00	17.00	-23.50	0.00	400.00
2422	2.0106e+00	7.00	-12.00	140.01	259.99
	2.0106e+00	7.00	-12.00	0.00	259.99
	2.0106e+00	-7.00	-12.00	0.00	400.00
	2.0106e+00	-7.00	12.00	0.00	400.00
	2.0106e+00	7.00	12.00	140.01	259.99
	2.0106e+00	7.00	12.00	0.00	259.99
2423	2.0106e+00	7.00	-12.00	160.01	279.99
	2.0106e+00	7.00	-12.00	0.00	279.99
	2.0106e+00	-7.00	-12.00	0.00	440.00
	2.0106e+00	-7.00	12.00	0.00	440.00
	2.0106e+00	7.00	12.00	160.01	279.99
	2.0106e+00	7.00	12.00	0.00	279.99
2424	2.0106e+00	7.00	-12.00	80.01	199.99
	2.0106e+00	7.00	-12.00	0.00	199.99
	2.0106e+00	-7.00	-12.00	0.00	280.00
	2.0106e+00	-7.00	12.00	0.00	280.00
	2.0106e+00	7.00	12.00	80.01	199.99
	2.0106e+00	7.00	12.00	0.00	199.99
2425	2.0106e+00	7.00	-12.00	160.01	279.99
	2.0106e+00	7.00	-12.00	0.00	279.99
	2.0106e+00	-7.00	-12.00	0.00	440.00
	2.0106e+00	-7.00	12.00	0.00	440.00
	2.0106e+00	7.00	12.00	160.01	279.99
	2.0106e+00	7.00	12.00	0.00	279.99
2426	2.0106e+00	7.00	-12.00	115.01	234.99
	2.0106e+00	7.00	-12.00	0.00	234.99
	2.0106e+00	-7.00	-12.00	0.00	350.00
	2.0106e+00	-7.00	12.00	0.00	350.00
	2.0106e+00	7.00	12.00	115.01	234.99
	2.0106e+00	7.00	12.00	0.00	234.99
2427	2.0106e+00	7.00	-12.00	115.01	234.99
	2.0106e+00	7.00	-12.00	0.00	234.99
	2.0106e+00	-7.00	-12.00	0.00	350.00
	2.0106e+00	-7.00	12.00	0.00	350.00
	2.0106e+00	7.00	12.00	115.01	234.99
	2.0106e+00	7.00	12.00	0.00	234.99
2428	2.0106e+00	7.00	-12.00	160.01	279.99
	2.0106e+00	7.00	-12.00	0.00	279.99
	2.0106e+00	-7.00	-12.00	0.00	440.00
	2.0106e+00	-7.00	12.00	0.00	440.00
	2.0106e+00	7.00	12.00	160.01	279.99
	2.0106e+00	7.00	12.00	0.00	279.99
2429	2.0106e+00	7.00	-12.00	80.01	199.99
	2.0106e+00	7.00	-12.00	0.00	199.99
	2.0106e+00	-7.00	-12.00	0.00	280.00
	2.0106e+00	-7.00	12.00	0.00	280.00
	2.0106e+00	7.00	12.00	80.01	199.99
	2.0106e+00	7.00	12.00	0.00	199.99
2430	2.0106e+00	7.00	-12.00	160.01	279.99
	2.0106e+00	7.00	-12.00	0.00	279.99
	2.0106e+00	-7.00	-12.00	0.00	440.00
	2.0106e+00	-7.00	12.00	0.00	440.00
	2.0106e+00	7.00	12.00	160.01	279.99
	2.0106e+00	7.00	12.00	0.00	279.99

2431	2.0106e+00	7.00 -12.00	140.01	259.99
	2.0106e+00	7.00 -12.00	0.00	259.99
	2.0106e+00	-7.00 -12.00	0.00	400.00
	2.0106e+00	-7.00 12.00	0.00	400.00
	2.0106e+00	7.00 12.00	140.01	259.99
	2.0106e+00	7.00 12.00	0.00	259.99
2432	2.0106e+00	7.00 -12.00	140.01	259.99
	2.0106e+00	7.00 -12.00	0.00	259.99
	2.0106e+00	-7.00 -12.00	0.00	400.00
	2.0106e+00	-7.00 12.00	0.00	400.00
	2.0106e+00	7.00 12.00	140.01	259.99
	2.0106e+00	7.00 12.00	0.00	259.99
2433	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2434	2.0106e+00	7.00 -12.00	80.01	199.99
	2.0106e+00	7.00 -12.00	0.00	199.99
	2.0106e+00	-7.00 -12.00	0.00	280.00
	2.0106e+00	-7.00 12.00	0.00	280.00
	2.0106e+00	7.00 12.00	80.01	199.99
	2.0106e+00	7.00 12.00	0.00	199.99
2435	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2436	2.0106e+00	7.00 -12.00	140.01	259.99
	2.0106e+00	7.00 -12.00	0.00	259.99
	2.0106e+00	-7.00 -12.00	0.00	400.00
	2.0106e+00	-7.00 12.00	0.00	400.00
	2.0106e+00	7.00 12.00	140.01	259.99
	2.0106e+00	7.00 12.00	0.00	259.99
2437	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2438	2.0106e+00	7.00 -12.00	80.01	199.99
	2.0106e+00	7.00 -12.00	0.00	199.99
	2.0106e+00	-7.00 -12.00	0.00	280.00
	2.0106e+00	-7.00 12.00	0.00	280.00
	2.0106e+00	7.00 12.00	80.01	199.99
	2.0106e+00	7.00 12.00	0.00	199.99
2439	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2440	2.0106e+00	7.00 -12.00	115.01	234.99
	2.0106e+00	7.00 -12.00	0.00	234.99
	2.0106e+00	-7.00 -12.00	0.00	350.00
	2.0106e+00	-7.00 12.00	0.00	350.00
	2.0106e+00	7.00 12.00	115.01	234.99

	2.0106e+00	7.00 12.00	0.00	234.99
2441	2.0106e+00	7.00 -12.00	115.01	234.99
	2.0106e+00	7.00 -12.00	0.00	234.99
	2.0106e+00	-7.00 -12.00	0.00	350.00
	2.0106e+00	-7.00 12.00	0.00	350.00
	2.0106e+00	7.00 12.00	115.01	234.99
	2.0106e+00	7.00 12.00	0.00	234.99
2442	2.0106e+00	7.00 -12.00	115.01	234.99
	2.0106e+00	7.00 -12.00	0.00	234.99
	2.0106e+00	-7.00 -12.00	0.00	350.00
	2.0106e+00	-7.00 12.00	0.00	350.00
	2.0106e+00	7.00 12.00	115.01	234.99
	2.0106e+00	7.00 12.00	0.00	234.99
2443	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2444	2.0106e+00	7.00 -12.00	80.01	199.99
	2.0106e+00	7.00 -12.00	0.00	199.99
	2.0106e+00	-7.00 -12.00	0.00	280.00
	2.0106e+00	-7.00 12.00	0.00	280.00
	2.0106e+00	7.00 12.00	80.01	199.99
	2.0106e+00	7.00 12.00	0.00	199.99
2445	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2446	2.0106e+00	7.00 -12.00	140.01	259.99
	2.0106e+00	7.00 -12.00	0.00	259.99
	2.0106e+00	-7.00 -12.00	0.00	400.00
	2.0106e+00	-7.00 12.00	0.00	400.00
	2.0106e+00	7.00 12.00	140.01	259.99
	2.0106e+00	7.00 12.00	0.00	259.99
2447	2.0106e+00	7.00 -12.00	115.01	234.99
	2.0106e+00	7.00 -12.00	0.00	234.99
	2.0106e+00	-7.00 -12.00	0.00	350.00
	2.0106e+00	-7.00 12.00	0.00	350.00
	2.0106e+00	7.00 12.00	115.01	234.99
	2.0106e+00	7.00 12.00	0.00	234.99
2448	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00
	2.0106e+00	7.00 12.00	160.01	279.99
	2.0106e+00	7.00 12.00	0.00	279.99
2449	2.0106e+00	7.00 -12.00	80.01	199.99
	2.0106e+00	7.00 -12.00	0.00	199.99
	2.0106e+00	-7.00 -12.00	0.00	280.00
	2.0106e+00	-7.00 12.00	0.00	280.00
	2.0106e+00	7.00 12.00	80.01	199.99
	2.0106e+00	7.00 12.00	0.00	199.99
2450	2.0106e+00	7.00 -12.00	160.01	279.99
	2.0106e+00	7.00 -12.00	0.00	279.99
	2.0106e+00	-7.00 -12.00	0.00	440.00
	2.0106e+00	-7.00 12.00	0.00	440.00

	2.0106e+00	7.00	12.00	160.01	279.99
	2.0106e+00	7.00	12.00	0.00	279.99
2451	2.0106e+00	7.00	-12.00	140.01	259.99
	2.0106e+00	7.00	-12.00	0.00	259.99
	2.0106e+00	-7.00	-12.00	0.00	400.00
	2.0106e+00	-7.00	12.00	0.00	400.00
	2.0106e+00	7.00	12.00	140.01	259.99
	2.0106e+00	7.00	12.00	0.00	259.99
2452	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
2453	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
	2.0106e+00	-12.00	0.00	0.00	304.00
2454	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
2455	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
	2.0106e+00	-12.00	0.00	0.00	304.00
2456	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
2457	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99

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	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
2465	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
	2.0106e+00	-12.00	0.00	0.00	304.00
2466	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
2467	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	-12.00	6.00	0.00	304.00
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
2468	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
	2.0106e+00	-12.00	0.00	0.00	436.00
2469	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
	2.0106e+00	-12.00	0.00	0.00	304.00
2470	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	-12.00	-0.23	0.00	436.00
	2.0106e+00	12.00	0.00	158.01	277.99
	2.0106e+00	12.00	0.00	0.00	277.99
2471	2.0106e+00	12.00	-12.00	92.01	211.99
	2.0106e+00	12.00	-12.00	0.00	211.99
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00

	2.0106e+00	12.00	12.00	92.01	211.99
	2.0106e+00	12.00	12.00	0.00	211.99
	2.0106e+00	-12.00	6.00	0.00	304.00
	2.0106e+00	12.00	0.00	92.01	211.99
	2.0106e+00	12.00	0.00	0.00	211.99
2472	2.0106e+00	12.00	-12.00	158.01	277.99
	2.0106e+00	12.00	-12.00	0.00	277.99
	2.0106e+00	-12.00	-12.00	0.00	436.00
	2.0106e+00	-12.00	12.00	0.00	436.00
	2.0106e+00	12.00	12.00	158.01	277.99
	2.0106e+00	12.00	12.00	0.00	277.99
	2.0106e+00	-12.00	6.00	0.00	436.00
	2.0106e+00	12.00	6.00	158.01	277.99
	2.0106e+00	12.00	6.00	0.00	277.99
2473	2.0106e+00	12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	-12.00	0.00	304.00
	2.0106e+00	-12.00	12.00	0.00	304.00
	2.0106e+00	12.00	12.00	0.00	304.00
	2.0106e+00	-12.00	0.35	0.00	304.00
	2.0106e+00	12.00	-0.23	0.00	304.00
2474	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	382.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2475	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2476	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00

	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2477	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2478	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2479	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2480	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50

	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2485	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2486	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2487	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2488	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50

	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2489	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2490	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2491	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2492	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00

	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2493	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2494	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2495	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2496	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00

	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2497	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2498	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2499	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2500	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00

	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2501	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	382.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	385.50
	2.0106e+00	12.00	0.00	10.50	91.00
2502	2.0106e+00	12.00	-12.00	15.00	408.00
	2.0106e+00	12.00	-12.00	0.00	79.00
	2.0106e+00	0.00	-12.00	15.00	408.00
	2.0106e+00	0.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	-12.00	15.00	408.00
	2.0106e+00	-12.00	-12.00	0.00	79.00
	2.0106e+00	-12.00	0.00	15.00	408.00
	2.0106e+00	-12.00	0.00	0.00	79.00
	2.0106e+00	-12.00	12.00	15.00	408.00
	2.0106e+00	-12.00	12.00	0.00	79.00
	2.0106e+00	0.00	12.00	15.00	408.00
	2.0106e+00	0.00	12.00	0.00	79.00
	2.0106e+00	12.00	12.00	15.00	408.00
	2.0106e+00	12.00	12.00	0.00	79.00
	2.0106e+00	12.00	0.00	15.00	408.00
	2.0106e+00	12.00	0.00	0.00	79.00
2503	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	385.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50
	2.0106e+00	-12.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	0.00	37.50	385.50
	2.0106e+00	-12.00	0.00	10.50	91.00
	2.0106e+00	-12.00	12.00	37.50	385.50
	2.0106e+00	-12.00	12.00	10.50	91.00
	2.0106e+00	0.00	12.00	37.50	385.50
	2.0106e+00	0.00	12.00	10.50	91.00
	2.0106e+00	12.00	12.00	37.50	385.50
	2.0106e+00	12.00	12.00	10.50	91.00
	2.0106e+00	12.00	0.00	37.50	382.50
	2.0106e+00	12.00	0.00	10.50	91.00
2504	2.0106e+00	12.00	-12.00	37.50	385.50
	2.0106e+00	12.00	-12.00	10.50	91.00
	2.0106e+00	0.00	-12.00	37.50	382.50
	2.0106e+00	0.00	-12.00	10.50	91.00
	2.0106e+00	-12.00	-12.00	37.50	385.50

[illegible]

	2.0106e+00	9.50	12.00	0.00	394.00
2535	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00
2536	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00
2537	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00
2538	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00
2539	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00
2540	2.0106e+00	9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	-12.00	0.00	394.00
	2.0106e+00	-9.50	12.00	0.00	394.00
	2.0106e+00	9.50	12.00	0.00	394.00

Armatura trasversale negli elementi

Elemento	Ascissa iniz. (cm)	Lunghezza tratto (cm)	Area orizz. (cm2)	Area vert. (cm2)	Passo (cm)
629	0.00	25.00	1.01	1.01	5.00
	25.00	122.00	1.01	1.01	17.00
	147.00	25.00	1.01	1.01	5.00
630	0.00	25.00	1.01	1.01	5.00
	25.00	122.00	1.01	1.01	17.00
	147.00	25.00	1.01	1.01	5.00
631	0.00	25.00	1.01	1.01	5.00
	25.00	122.00	1.01	1.01	17.00
	147.00	25.00	1.01	1.01	5.00
632	20.00	71.13	1.01	1.01	19.00
633	20.00	71.13	1.01	1.01	19.00
634	20.00	71.13	1.01	1.01	19.00
635	20.00	71.13	1.01	1.01	19.00
636	20.00	71.13	1.01	1.01	19.00
637	20.00	71.13	1.01	1.01	19.00
638	20.00	71.13	1.01	1.01	19.00
639	20.00	71.13	1.01	1.01	19.00
640	20.00	71.13	1.01	1.01	19.00
641	20.00	71.13	1.01	1.01	19.00
642	20.00	71.13	1.01	1.01	19.00
654	0.00	400.00	1.01	1.01	29.00
655	0.00	440.00	1.01	1.01	29.00
656	0.00	280.00	1.01	1.01	29.00
657	0.00	440.00	1.01	1.01	29.00
658	0.00	350.00	1.01	1.01	29.00
659	0.00	350.00	1.01	1.01	29.00
660	0.00	440.00	1.01	1.01	29.00
661	0.00	280.00	1.01	1.01	29.00

662	0.00	440.00	1.01	1.01	29.00
663	0.00	400.00	1.01	1.01	29.00
664	15.00	370.00	1.01	1.01	29.00
665	15.00	410.00	1.01	1.01	29.00
666	15.00	250.00	1.01	1.01	29.00
667	15.00	410.00	1.01	1.01	29.00
668	15.00	320.00	1.01	1.01	29.00
669	15.00	320.00	1.01	1.01	29.00
670	15.00	410.00	1.01	1.01	29.00
671	15.00	250.00	1.01	1.01	29.00
672	15.00	410.00	1.01	1.01	29.00
673	15.00	370.00	1.01	1.01	29.00
2422	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2423	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2424	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2425	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2426	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2427	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2428	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2429	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2430	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2431	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2432	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2433	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2434	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2435	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2436	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2437	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2438	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2439	15.00	20.00	1.01	1.01	4.00

	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2440	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2441	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2442	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2443	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2444	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2445	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2446	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2447	15.00	20.00	1.01	1.01	4.00
	35.00	280.00	1.01	1.01	13.00
	315.00	20.00	1.01	1.01	4.00
2448	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2449	15.00	20.00	1.01	1.01	4.00
	35.00	210.00	1.01	1.01	13.00
	245.00	20.00	1.01	1.01	4.00
2450	15.00	20.00	1.01	1.01	4.00
	35.00	370.00	1.01	1.01	13.00
	405.00	20.00	1.01	1.01	4.00
2451	15.00	20.00	1.01	1.01	4.00
	35.00	330.00	1.01	1.01	13.00
	365.00	20.00	1.01	1.01	4.00
2452	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2453	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2454	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2455	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2456	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2457	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2458	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2459	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2460	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00

2461	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2462	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2463	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2464	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2465	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2466	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2467	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2468	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2469	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2470	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2471	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2472	15.00	30.00	1.01	1.01	6.00
	45.00	346.00	1.01	1.01	21.00
	391.00	30.00	1.01	1.01	6.00
2473	15.00	30.00	1.01	1.01	6.00
	45.00	214.00	1.01	1.01	21.00
	259.00	30.00	1.01	1.01	6.00
2474	37.50	385.50	1.01	1.01	19.00
2475	37.50	385.50	1.01	1.01	19.00
2476	0.00	408.00	1.01	1.01	19.00
2477	37.50	385.50	1.01	1.01	19.00
2478	0.00	408.00	1.01	1.01	19.00
2479	0.00	423.00	1.01	1.01	19.00
2480	37.50	385.50	1.01	1.01	19.00
2481	37.50	385.50	1.01	1.01	19.00
2482	37.50	385.50	1.01	1.01	19.00
2483	37.50	385.50	1.01	1.01	19.00
2484	37.50	385.50	1.01	1.01	19.00
2485	37.50	385.50	1.01	1.01	19.00
2486	0.00	408.00	1.01	1.01	19.00
2487	37.50	385.50	1.01	1.01	19.00
2488	37.50	385.50	1.01	1.01	19.00
2489	0.00	408.00	1.01	1.01	19.00
2490	37.50	385.50	1.01	1.01	19.00
2491	37.50	385.50	1.01	1.01	19.00

2492	37.50	385.50	1.01	1.01	19.00
2493	0.00	423.00	1.01	1.01	19.00
2494	37.50	385.50	1.01	1.01	19.00
2495	37.50	385.50	1.01	1.01	19.00
2496	0.00	423.00	1.01	1.01	19.00
2497	37.50	385.50	1.01	1.01	19.00
2498	37.50	385.50	1.01	1.01	19.00
2499	0.00	408.00	1.01	1.01	19.00
2500	37.50	385.50	1.01	1.01	19.00
2501	37.50	385.50	1.01	1.01	19.00
2502	0.00	408.00	1.01	1.01	19.00
2503	37.50	385.50	1.01	1.01	19.00
2504	37.50	385.50	1.01	1.01	19.00
2505	37.50	385.50	1.01	1.01	19.00
2506	37.50	385.50	1.01	1.01	19.00
2530	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2531	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2532	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2533	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2534	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2535	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2536	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2537	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2538	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2539	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00
2540	15.00	25.00	1.01	1.01	5.00
	40.00	299.00	1.01	1.01	17.00
	339.00	25.00	1.01	1.01	5.00

Verifica flessionale travi

Elem	Qta	Ascissa (cm)	Nx (kg)	Mz (kgxcm)	My (kgxcm)	F.Sic.	Comb.
629		18.70	0.00	60919.93	0.00	5.26	35
		93.50	0.00	-39861.98	0.00	8.09	35
		168.30	0.00	-130153.19	0.00	2.46	35
630		18.70	0.00	47722.30	0.00	6.75	37
		93.50	0.00	-42046.37	0.00	7.65	37

	168.30	0.00	-121324.34	0.00	2.65	37
631	18.70	0.00	47635.15	0.00	6.77	39
	93.50	0.00	-42033.86	0.00	7.65	39
	168.30	0.00	-121212.16	0.00	2.65	39
2422	40.00	0.00	164714.50	0.00	1.45	9
	200.00	0.00	-21964.85	0.00 >	10.00	11
	360.00	-0.00	176537.71	-0.00	1.37	14
2423	44.00	0.00	131469.83	-0.00	1.84	9
	220.00	-0.00	-16968.15	-0.00 >	10.00	64
	396.00	-0.00	137901.67	-0.00	1.74	10
2424	28.00	-0.00	188832.12	0.00	1.28	9
	140.00	-0.00	-2254.21	0.00 >	10.00	1
	252.00	0.00	188367.15	0.00	1.29	14
2425	44.00	-0.00	137090.04	0.00	1.77	9
	220.00	-0.00	-17786.93	-0.00 >	10.00	51
	396.00	0.00	130691.35	0.00	1.84	10
2426	35.00	-0.00	158924.66	-0.00	1.53	11
	175.00	-0.00	-9507.47	-0.00 >	10.00	11
	315.00	0.00	165373.39	-0.00	1.45	14
2427	35.00	-0.00	165328.14	-0.00	1.45	9
	175.00	0.00	-9508.01	0.00 >	10.00	14
	315.00	0.00	158920.26	-0.00	1.53	14
2428	44.00	-0.00	131794.25	0.00	1.84	9
	220.00	-0.00	-17578.36	-0.00 >	10.00	53
	396.00	0.00	137113.04	0.00	1.77	14
2429	28.00	-0.00	188343.27	0.00	1.29	9
	140.00	-0.00	-2220.15	0.00 >	10.00	1
	252.00	0.00	188878.37	0.00	1.28	14
2430	44.00	0.00	139074.35	-0.00	1.74	9
	220.00	-0.00	-17195.27	-0.00 >	10.00	50
	396.00	-0.00	131504.60	-0.00	1.84	14
2431	40.00	0.00	176465.93	-0.00	1.37	9
	200.00	-0.00	-21964.16	0.00 >	10.00	16
	360.00	-0.00	164785.28	0.00	1.45	14
2432	40.00	0.00	175223.72	0.00	1.38	13
	200.00	0.00	-22258.00	-0.00 >	10.00	13
	360.00	-0.00	186405.85	0.00	1.30	12
2433	44.00	0.00	138298.60	-0.00	1.74	13
	220.00	-0.00	-16873.77	-0.00 >	10.00	53
	396.00	-0.00	147617.69	-0.00	1.63	10
2434	28.00	0.00	199972.98	-0.00	1.20	13
	140.00	0.00	-2510.69	0.00 >	10.00	1
	252.00	-0.00	199685.99	-0.00	1.20	12
2435	44.00	0.00	145179.57	-0.00	1.67	13
	220.00	0.00	-17756.39	0.00 >	10.00	51
	396.00	-0.00	139155.89	-0.00	1.74	10
2436	40.00	0.00	170967.56	0.00	1.41	9
	200.00	0.00	-22014.64	0.00 >	10.00	11
	360.00	-0.00	183166.83	-0.00	1.32	14
2437	44.00	0.00	136950.96	-0.00	1.77	9
	220.00	-0.00	-16884.59	-0.00 >	10.00	53
	396.00	-0.00	145631.90	0.00	1.65	16
2438	28.00	0.00	196801.74	0.00	1.23	9
	140.00	0.00	-2561.91	0.00 >	10.00	1

	252.00	-0.00	196485.11	0.00	1.23	14
2439	44.00	0.00	143459.68	0.00	1.68	11
	220.00	0.00	-17737.63	-0.00 >	10.00	51
	396.00	-0.00	137605.89	0.00	1.74	14
2440	35.00	0.00	165224.40	0.00	1.45	9
	175.00	0.00	-9651.42	0.00 >	10.00	9
	315.00	-0.00	172967.67	-0.00	1.39	14
2441	35.00	0.00	167413.92	0.00	1.44	13
	175.00	0.00	-9663.92	0.00 >	10.00	13
	315.00	-0.00	175759.07	-0.00	1.37	10
2442	35.00	0.00	175699.21	0.00	1.37	13
	175.00	-0.00	-9665.94	-0.00 >	10.00	10
	315.00	-0.00	167469.14	0.00	1.44	10
2443	44.00	0.00	139107.98	0.00	1.74	13
	220.00	0.00	-17567.16	-0.00 >	10.00	53
	396.00	-0.00	145218.87	0.00	1.67	10
2444	28.00	0.00	199614.85	-0.00	1.22	48
	140.00	0.00	-2357.82	0.00 >	10.00	1
	252.00	-0.00	200027.71	0.00	1.20	10
2445	44.00	0.00	147633.66	-0.00	1.63	13
	220.00	0.00	-17125.04	-0.00 >	10.00	50
	396.00	-0.00	138390.39	0.00	1.74	10
2446	40.00	0.00	186439.51	0.00	1.30	15
	200.00	-0.00	-22267.07	-0.00 >	10.00	10
	360.00	-0.00	175268.04	0.00	1.38	10
2447	35.00	0.00	172920.22	-0.00	1.39	9
	175.00	-0.00	-9653.01	0.00 >	10.00	14
	315.00	-0.00	165268.47	-0.00	1.45	14
2448	44.00	0.00	137552.33	0.00	1.74	9
	220.00	-0.00	-17543.48	-0.00 >	10.00	53
	396.00	-0.00	143417.51	-0.00	1.68	16
2449	28.00	-0.00	196427.14	0.00	1.23	9
	140.00	-0.00	-2621.43	0.00 >	10.00	1
	252.00	0.00	196837.99	0.00	1.23	14
2450	44.00	0.00	145679.02	0.00	1.65	11
	220.00	0.00	-17089.59	-0.00 >	10.00	50
	396.00	-0.00	137003.72	-0.00	1.77	14
2451	40.00	0.00	183106.11	-0.00	1.32	9
	200.00	-0.00	-22013.70	0.00 >	10.00	16
	360.00	-0.00	171052.54	0.00	1.41	14
2452	43.60	0.00	362407.83	-0.00	1.63	37
	218.00	0.00	-183641.56	0.00	3.23	37
	392.40	0.00	-411610.53	0.00	1.44	4
2453	30.40	0.00	-466149.65	0.00	1.28	7
	152.00	0.00	-104660.47	0.00	5.64	40
	273.60	0.00	411487.35	0.00	1.44	40
2454	43.60	-0.00	415614.49	0.00	1.43	37
	218.00	-0.00	-323123.02	-0.00	1.84	62
	392.40	0.00	398263.53	0.00	1.49	5
2455	30.40	0.00	-448008.32	-0.00	1.32	5
	152.00	0.00	-135845.63	-0.00	4.37	38
	273.60	0.00	464392.98	0.00	1.28	38
2456	43.60	-0.00	387220.05	-0.00	1.53	37
	218.00	-0.00	-284514.48	0.00	2.08	62

	392.40	-0.00	-367967.16	0.00	1.60	4
2457	30.40	-0.00	-425327.60	0.00	1.39	5
	152.00	-0.00	-122669.75	-0.00	4.84	38
	273.60	-0.00	431801.89	-0.00	1.37	38
2458	43.60	-0.00	377828.13	-0.00	1.57	37
	218.00	0.00	-281674.07	-0.00	2.11	62
	392.40	0.00	357774.14	-0.00	1.65	5
2459	30.40	0.00	-411743.86	0.00	1.44	5
	152.00	0.00	-119769.13	0.00	4.95	38
	273.60	0.00	421058.39	0.00	1.41	38
2460	43.60	0.00	376201.64	0.00	1.58	37
	218.00	0.00	-307447.55	0.00	1.93	62
	392.40	-0.00	344179.47	-0.00	1.72	5
2461	30.40	0.00	-392833.77	0.00	1.50	7
	152.00	0.00	-122916.13	0.00	4.84	40
	273.60	0.00	416654.11	0.00	1.41	38
2462	43.60	0.00	341347.66	-0.00	1.74	35
	218.00	0.00	-256402.36	-0.00	2.32	62
	392.40	0.00	-326740.50	0.00	1.82	2
2463	30.40	0.00	-377699.99	-0.00	1.57	34
	152.00	0.00	-107722.04	-0.00	5.52	34
	273.60	0.00	384423.98	0.00	1.54	34
2464	43.60	-0.00	376181.70	-0.00	1.58	39
	218.00	-0.00	-307532.00	-0.00	1.93	62
	392.40	0.00	344135.99	-0.00	1.72	3
2465	30.40	-0.00	-392808.35	-0.00	1.50	1
	152.00	-0.00	-122906.88	0.00	4.84	34
	273.60	-0.00	420000.54	0.00	1.41	34
2466	43.60	0.00	377775.49	0.00	1.57	39
	218.00	-0.00	-281876.38	0.00	2.11	62
	392.40	-0.00	357704.32	-0.00	1.65	3
2467	30.40	-0.00	-411969.32	-0.00	1.44	36
	152.00	-0.00	-119756.19	-0.00	4.95	36
	273.60	-0.00	421019.02	-0.00	1.41	36
2468	43.60	0.00	387170.96	-0.00	1.53	39
	218.00	0.00	-284758.08	-0.00	2.08	62
	392.40	-0.00	370241.09	-0.00	1.60	3
2469	30.40	0.00	-425246.55	-0.00	1.39	3
	152.00	0.00	-122649.51	-0.00	4.84	36
	273.60	0.00	431760.47	-0.00	1.37	36
2470	43.60	0.00	415568.43	0.00	1.43	39
	218.00	0.00	-323433.22	0.00	1.84	62
	392.40	-0.00	398197.45	0.00	1.49	3
2471	30.40	-0.00	-447877.76	0.00	1.32	3
	152.00	-0.00	-135834.02	0.00	4.37	36
	273.60	-0.00	464283.12	-0.00	1.28	36
2472	43.60	-0.00	362374.90	-0.00	1.63	39
	218.00	-0.00	-183622.37	-0.00	3.23	39
	392.40	-0.00	-411536.92	0.00	1.44	6
2473	30.40	-0.00	-465927.66	-0.00	1.28	1
	152.00	-0.00	-104647.85	0.00	5.64	34
	273.60	-0.00	411287.50	0.00	1.44	34
2530	39.40	0.00	-12504.46	0.00	> 10.00	34
	197.00	0.00	-33258.95	0.00	9.66	53

	354.60	0.00	56767.02	0.00	5.64	1
2531	39.40	0.00	-17932.20	0.00 > 10.00	36	
	197.00	0.00	-32062.07	0.00 > 10.00	76	
	354.60	0.00	63299.36	0.00	5.07	36
2532	39.40	0.00	-19026.68	0.00 > 10.00	34	
	197.00	0.00	-34281.49	0.00	9.33	76
	354.60	0.00	66521.60	0.00	4.84	34
2533	39.40	0.00	-19093.19	0.00 > 10.00	36	
	197.00	0.00	-34539.10	0.00	9.33	76
	354.60	0.00	69347.94	0.00	4.65	36
2534	39.40	0.00	-17854.22	0.00 > 10.00	34	
	197.00	0.00	-34029.34	0.00	9.47	76
	354.60	0.00	69774.55	0.00	4.59	34
2535	39.40	0.00	-17525.16	0.00 > 10.00	36	
	197.00	0.00	-34688.88	0.00	9.28	76
	354.60	0.00	69119.55	0.00	4.66	36
2536	39.40	0.00	-17865.76	0.00 > 10.00	40	
	197.00	0.00	-33976.44	0.00	9.47	76
	354.60	0.00	69692.14	0.00	4.59	40
2537	39.40	0.00	-19069.11	0.00 > 10.00	38	
	197.00	0.00	-34237.55	0.00	9.33	53
	354.60	0.00	68701.55	0.00	4.68	38
2538	39.40	0.00	-18992.85	0.00 > 10.00	40	
	197.00	0.00	-34180.24	0.00	9.43	76
	354.60	0.00	65639.22	0.00	4.88	40
2539	39.40	0.00	-17906.84	0.00 > 10.00	38	
	197.00	0.00	-32142.84	0.00 > 10.00	76	
	354.60	0.00	62474.32	0.00	5.14	38
2540	39.40	0.00	-12451.34	0.00 > 10.00	40	
	197.00	0.00	-33437.60	0.00	9.64	76
	354.60	0.00	54930.44	0.00	5.83	40

Minimo fattore di sicurezza: 1.203369 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il momento ultimo **Mr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè **Mr/Me**, relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono espresse le sollecitazioni **Md** nelle componenti assiale **Nx** e flessionale **Mz** e **My** di tale combinazione (vedi **Combinazioni Progetto**). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. Nel caso delle travi di fondazione, il limite ultimo è in regime elastico.

Verifica flessionale pilastri							
Elem	Qta	Ascissa (cm)	Nx (kg)	Mz (kgxcm)	My (kgxcm)	F.Sic.	Comb.
632		23.00	-1435.43	-230595.19	46970.08	7.75	44
		61.50	-1608.68	-141816.04	31233.38	> 10.00	44
		88.13	-1728.52	-80407.81	20348.28	> 10.00	44
633		23.00	2104.53	166426.49	47458.11	> 10.00	42
		61.50	1931.28	102352.29	31534.49	> 10.00	42
		88.13	1811.44	58032.39	20520.86	> 10.00	42
634		23.00	1857.13	151544.36	-13768.12	> 10.00	36
		61.50	1663.09	93047.54	-9137.20	> 10.00	3
		88.13	-846.25	-51559.13	5912.23	> 10.00	6
635		23.00	-637.58	-160601.74	-13324.15	> 10.00	41
		61.50	-828.37	-98696.87	-8881.62	> 10.00	8
		88.13	-930.66	-56001.32	-5814.77	> 10.00	41
636		23.00	2049.18	177932.04	-13297.71	> 10.00	3
		61.50	1875.93	109428.20	-8833.90	> 10.00	3

	88.13	1756.09	62044.34	-5746.33 > 10.00	3
637	23.00	-756.71	-174937.50	13057.24 > 10.00	35
	61.50	-929.96	-107586.56	8674.99 > 10.00	35
	88.13	-1049.75	-60998.76	5733.73 > 10.00	39
638	23.00	2047.91	177889.43	13665.21 > 10.00	1
	61.50	1901.68	109892.56	9223.84 > 10.00	38
	88.13	1781.85	62307.62	6008.66 > 10.00	38
639	23.00	-651.09	-160196.87	13257.69 > 10.00	2
	61.50	-824.34	-98521.08	8807.90 > 10.00	2
	88.13	-925.87	-55871.43	5733.33 > 10.00	35
640	23.00	-577.42	-150969.56	13496.86 > 10.00	2
	61.50	-750.67	-92846.28	8964.80 > 10.00	2
	88.13	-870.51	-52642.61	5830.01 > 10.00	2
641	23.00	2122.42	168809.26	-46942.55 > 10.00	47
	61.50	1949.17	103817.69	-31199.17 > 10.00	47
	88.13	1829.33	58863.25	-20309.63 > 10.00	47
642	23.00	-1443.38	-234125.14	-49089.92 7.62	49
	61.50	-1616.63	-143986.96	-32573.48 > 10.00	49
	88.13	-1736.46	-81638.70	-21149.40 > 10.00	49
2474	42.30	391.69	581504.53	-138383.65 1.27	7
	211.50	2960.25	-33477.99	133816.06 5.62	11
	380.70	5076.88	455514.85	-42675.60 1.79	2
2475	42.30	4557.56	-706505.61	-100106.56 1.13	4
	211.50	4584.80	28279.91	124994.60 6.18	13
	380.70	3796.16	651896.38	54090.13 1.25	4
2476	42.30	8178.18	-660771.48	-126916.09 1.22	4
	211.50	9875.76	28709.41	85156.07 9.06	13
	380.70	7807.71	647113.33	77372.61 1.29	37
2477	42.30	2172.72	536956.57	113661.43 1.41	5
	211.50	2384.82	35271.16	-96608.49 7.36	14
	380.70	6795.25	451334.71	65380.57 1.79	4
2478	42.30	7540.07	-626764.17	-129077.93 1.28	4
	211.50	9638.17	23547.38	-82029.17 9.52	47
	380.70	6778.67	609024.68	75815.51 1.35	4
2479	42.30	6963.85	-607189.93	-129783.07 1.30	4
	211.50	9222.33	24473.33	81344.89 9.52	13
	380.70	6202.45	590428.04	92378.67 1.36	4
2480	42.30	4121.22	-135068.65	-488005.19 1.54	12
	211.50	5804.33	-102902.62	86800.53 5.61	44
	380.70	7691.86	-445238.75	-94126.24 1.79	38
2481	42.30	5479.42	230787.39	486392.99 1.44	13
	211.50	3953.06	-133572.75	-32399.83 5.71	37
	380.70	7052.33	-455387.58	-109193.97 1.72	38
2482	42.30	8788.93	555594.93	158523.94 1.41	5
	211.50	4022.63	-142789.57	-31712.77 5.35	37
	380.70	8362.67	-488351.73	-94045.73 1.65	38
2483	42.30	2646.27	-570026.14	-140913.68 1.32	4
	211.50	4913.75	-82984.27	-118768.85 5.23	45
	380.70	4685.54	-441339.30	-45110.78 1.84	5
2484	42.30	1296.54	508274.50	121524.01 1.45	5
	211.50	3953.48	32645.21	-91787.36 7.91	14
	380.70	6283.97	411202.64	-106137.35 1.87	35
2485	42.30	1327.21	477715.35	-160435.50 1.49	7
	211.50	4565.90	28432.27	92101.75 8.09	42

	380.70	6066.22	410169.54	80183.69	1.93	4
2486	42.30	8076.81	-580045.43	-125916.07	1.37	4
	211.50	9348.13	23000.27	-87709.56	9.05	14
	380.70	7451.80	564276.20	-85680.64	1.44	35
2487	42.30	5964.03	140805.39	-487479.67	1.55	10
	211.50	3235.67	-119348.18	-29425.97	6.31	37
	380.70	6950.07	-400210.37	102406.54	1.93	36
2488	42.30	2204.61	468324.18	-152289.44	1.54	7
	211.50	3886.33	44168.08	-98620.68	7.08	14
	380.70	6421.09	390690.44	-97542.26	1.98	2
2489	42.30	6528.96	-552550.01	134377.07	1.41	2
	211.50	7463.84	20273.98	77961.69	> 10.00	9
	380.70	5767.56	538264.72	-87030.93	1.49	2
2490	42.30	6483.79	177715.32	479047.46	1.54	13
	211.50	4167.20	-129736.20	-33912.48	5.83	37
	380.70	7787.86	-436423.06	-99596.99	1.82	38
2491	42.30	6475.87	177605.37	-479187.69	1.54	10
	211.50	5913.17	-79793.16	100238.08	3.85	48
	380.70	5714.47	-225992.57	288224.25	1.34	10
2492	42.30	3324.35	129523.45	476976.63	1.55	9
	211.50	2943.65	28210.40	88748.08	8.23	9
	380.70	5864.80	376023.49	-99206.95	2.03	2
2493	42.30	8077.53	-580007.32	126091.27	1.37	6
	211.50	9718.55	23779.82	87718.18	9.05	42
	380.70	7452.21	564252.05	85625.58	1.44	41
2494	42.30	2205.48	468123.07	151935.90	1.54	1
	211.50	3888.55	34172.52	98602.19	7.36	9
	380.70	6675.13	398512.73	97327.19	1.96	41
2495	42.30	4140.91	-135178.86	488088.64	1.54	15
	211.50	5769.98	-102787.12	-86780.24	5.61	49
	380.70	7376.46	-439652.32	94502.98	1.79	3
2496	42.30	6963.12	-607106.58	130322.35	1.30	6
	211.50	9221.96	24479.63	-81409.88	9.52	10
	380.70	6201.72	590346.84	-92521.10	1.36	6
2497	42.30	1327.67	477637.09	159822.57	1.49	1
	211.50	4562.30	28426.30	-92138.31	8.09	47
	380.70	6294.12	411963.28	-80530.34	1.92	39
2498	42.30	5466.81	230654.08	-486610.44	1.44	10
	211.50	3955.41	-133558.98	32485.75	5.71	39
	380.70	7069.43	-455292.84	109510.48	1.72	36
2499	42.30	7541.63	-626653.01	129619.84	1.28	6
	211.50	9638.60	23540.48	81960.86	9.62	42
	380.70	6780.23	608921.56	-75948.43	1.35	6
2500	42.30	1296.07	508170.31	-122126.77	1.45	3
	211.50	3959.30	32637.57	91751.93	7.91	9
	380.70	6055.66	409279.72	105799.93	1.89	8
2501	42.30	8845.92	555511.72	-159066.28	1.41	3
	211.50	3958.31	-142782.52	31817.14	5.35	39
	380.70	8418.71	-488289.02	94364.10	1.65	36
2502	42.30	8177.76	-660634.81	127089.16	1.22	6
	211.50	9876.06	28689.69	-85156.72	9.06	10
	380.70	7807.27	647005.46	-77568.48	1.29	39
2503	42.30	1621.45	510491.58	154378.26	1.41	1
	211.50	2410.25	35258.75	96566.31	7.36	9

	380.70	6802.98	451259.21	-65715.56	1.79	6
2504	42.30	2616.14	-569931.64	141297.88	1.32	6
	211.50	4647.25	-81726.48	118930.36	5.23	15
	380.70	4721.48	-441243.37	45275.17	1.84	3
2505	42.30	4558.54	-706294.26	101042.22	1.13	6
	211.50	4585.33	28265.83	-125132.61	5.93	10
	380.70	3797.14	651715.82	-54207.66	1.12	6
2506	42.30	381.02	581227.95	137870.65	1.27	1
	211.50	3009.22	-33477.92	-133793.54	5.62	16
	380.70	5085.07	455352.15	42481.92	1.79	8

Minimo fattore di sicurezza: 1.122620 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il momento ultimo **Mr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè **Mr/Me**, relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono esposte le sollecitazioni **Md** nelle componenti assiale **Nx** e flessionale **Mz** e **My** di tale combinazione (vedi **Combinazioni Progetto**). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. Nel caso delle travi di fondazione, il limite ultimo è in regime elastico.

Verifica flessionale travi di fondazione

Elem	Ascissa	Mz (kgxcm)	Mr (kgxcm)	F.Sic.	Comb.
654	40.00	32835.60	1352672.87	> 10.00	2
	200.00	99118.13	1353630.34	> 10.00	37
	360.00	53136.75	1355622.70	> 10.00	45
655	44.00	-5689.96	284497.98	> 10.00	1
	220.00	7006.22	350311.08	> 10.00	1
	396.00	644.70	32235.08	> 10.00	1
656	28.00	-8513.09	425654.53	> 10.00	1
	140.00	348.22	17411.17	> 10.00	1
	252.00	-8568.75	428437.31	> 10.00	1
657	44.00	-3436.17	171808.29	> 10.00	1
	220.00	12546.77	627338.62	> 10.00	1
	396.00	-4187.76	209387.83	> 10.00	1
658	35.00	-46583.91	1352844.10	> 10.00	37
	175.00	6162.29	308114.53	> 10.00	1
	315.00	-4786.34	239317.08	> 10.00	1
659	35.00	-4873.44	243672.23	> 10.00	1
	175.00	5906.91	295345.30	> 10.00	1
	315.00	-46571.88	1352494.68	> 10.00	35
660	44.00	-3912.79	195639.27	> 10.00	1
	220.00	12471.23	623561.71	> 10.00	1
	396.00	-3512.97	175648.63	> 10.00	1
661	28.00	-8970.84	448541.84	> 10.00	1
	140.00	121.21	6060.42	> 10.00	1
	252.00	-8196.41	409820.64	> 10.00	1
662	44.00	-9676.59	483829.35	> 10.00	1
	220.00	9259.97	462998.43	> 10.00	1
	396.00	-5197.00	259850.13	> 10.00	1
663	40.00	52178.99	1355532.76	> 10.00	48
	200.00	99740.05	1350191.98	> 10.00	39
	360.00	33579.41	1351177.89	> 10.00	8
664	40.00	-86555.44	1364304.77	> 10.00	42
	200.00	222264.72	1360286.12	6.12	14
	360.00	152833.04	1359527.51	8.90	14
665	44.00	-45660.86	1360996.90	> 10.00	47
	220.00	59825.77	1353791.66	> 10.00	38

	396.00	-71328.12	1361503.29	> 10.00	42
666	28.00	-57718.79	1364113.66	> 10.00	40
	140.00	4549.59	227479.40	> 10.00	1
	252.00	-53715.68	1359468.29	> 10.00	38
667	44.00	-42548.98	1363935.83	> 10.00	43
	220.00	71201.74	1359091.12	> 10.00	40
	396.00	-35543.47	1355372.65	> 10.00	46
668	35.00	-42740.64	1359853.63	> 10.00	3
	175.00	37002.55	1361433.67	> 10.00	36
	315.00	-52867.09	1358229.95	> 10.00	38
669	35.00	-53361.58	1363273.67	> 10.00	36
	175.00	36899.26	1357633.18	> 10.00	34
	315.00	-42639.47	1356634.83	> 10.00	38
670	44.00	-36309.72	1363741.90	> 10.00	43
	220.00	71695.18	1363363.66	> 10.00	36
	396.00	-41757.96	1360559.19	> 10.00	42
671	28.00	-55512.63	1362444.63	> 10.00	36
	140.00	3492.37	174618.41	> 10.00	1
	252.00	-57839.30	1364367.06	> 10.00	34
672	44.00	-69553.28	1360907.65	> 10.00	47
	220.00	60220.13	1362715.71	> 10.00	36
	396.00	-41933.97	1362280.63	> 10.00	9
673	40.00	155796.61	1363524.62	8.75	9
	200.00	224212.56	1364160.44	6.08	9
	360.00	-87479.06	1364212.05	> 10.00	47

Minimo fattore di sicurezza: 6.084229 >= 1.00

Per ogni elemento **Elem** viene calcolato, all'ascissa **Ascissa**, il momento ultimo **Mr** e viene esposto il fattore di sicurezza **F.Sic.**, cioè Mr/M_z , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Viene esposta la sollecitazione **Mz** di tale combinazione (vedi Combinazioni Progetto). Il momento ultimo **Mr** è calcolato assumendo come deformazioni ultime quelle di snervamento e pertanto è il momento limite elastico. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. Viene, in fondo alla tabella, riportato il valore di γ_{Rd} (**Gamma Rd**) impiegato nella verifica.

Verifica taglio travi									
Elem	Qta	Ascissa (cm)	Nx (kg)	Ty (kg)	Tz (kg)	Vr (kg)	Theta	F. Sic.	Comb.
629		18.70	0.00	-1417.45	0.00	19597.51	1.23	> 10.00	39
		93.50	0.00	-1277.25	0.00	11680.91	2.50	9.15	39
		168.30	0.00	-1136.95	0.00	19597.51	1.23	> 10.00	39
630		18.70	0.00	-1270.12	0.00	19597.51	1.23	> 10.00	37
		93.50	0.00	-1130.05	0.00	11680.91	2.50	> 10.00	37
		168.30	0.00	-989.62	0.00	19597.51	1.23	> 10.00	37
631		18.70	0.00	-1268.80	0.00	19597.51	1.23	> 10.00	39
		93.50	0.00	-1128.71	0.00	11680.91	2.50	> 10.00	39
		168.30	0.00	-988.30	0.00	19597.51	1.23	> 10.00	39
2422		40.00	0.00	-1287.77	0.00	11129.63	2.36	8.64	11
		200.00	0.00	-1047.77	0.00	11129.63	2.36	> 10.00	11
		360.00	-0.00	1231.99	-0.00	11129.63	2.36	9.03	47
2423		44.00	0.00	-965.72	-0.00	11129.63	2.36	> 10.00	44
		220.00	-0.00	719.96	0.00	11129.63	2.36	> 10.00	14
		396.00	-0.00	983.96	0.00	11129.63	2.36	> 10.00	14
2424		28.00	-0.00	-1790.56	0.00	15477.97	1.01	8.64	44
		140.00	-0.00	-1622.57	0.00	11129.63	2.36	6.86	44
		252.00	0.00	1786.43	-0.00	15477.97	1.01	8.66	14
2425		44.00	-0.00	-976.04	-0.00	11129.63	2.36	> 10.00	9

	220.00	-0.00	-712.03	-0.00	11129.63	2.36	>	10.00	9
	396.00	0.00	969.38	0.00	11129.63	2.36	>	10.00	49
2426	35.00	-0.00	-1308.18	-0.00	15477.97	1.01	>	10.00	44
	175.00	0.00	1107.91	-0.00	11129.63	2.36	>	10.00	14
	315.00	0.00	1317.91	0.00	15477.97	1.01	>	10.00	14
2427	35.00	-0.00	-1317.76	0.00	11129.63	2.36		8.45	11
	175.00	-0.00	-1107.76	0.00	11129.63	2.36	>	10.00	11
	315.00	0.00	1308.16	-0.00	11129.63	2.36		8.51	47
2428	44.00	-0.00	-969.45	-0.00	11129.63	2.36	>	10.00	44
	220.00	0.00	712.19	0.00	11129.63	2.36	>	10.00	14
	396.00	0.00	976.19	0.00	11129.63	2.36	>	10.00	14
2429	28.00	-0.00	-1786.27	0.00	15477.97	1.01		8.66	11
	140.00	0.00	1622.53	0.00	11129.63	2.36		6.86	47
	252.00	0.00	1790.61	-0.00	15477.97	1.01		8.64	47
2430	44.00	0.00	-983.79	-0.00	11129.63	2.36	>	10.00	9
	220.00	0.00	-719.79	-0.00	11129.63	2.36	>	10.00	9
	396.00	-0.00	965.63	0.00	11129.63	2.36	>	10.00	49
2431	40.00	0.00	-1231.55	0.00	11129.63	2.36		9.04	42
	200.00	-0.00	1047.46	-0.00	11129.63	2.36	>	10.00	16
	360.00	-0.00	1287.45	-0.00	11129.63	2.36		8.64	16
2432	40.00	0.00	-1354.26	0.00	11129.63	2.36		8.22	13
	200.00	0.00	-1114.26	-0.00	11129.63	2.36		9.99	13
	360.00	-0.00	1289.86	-0.00	11129.63	2.36		8.63	45
2433	44.00	0.00	-1006.93	0.00	11129.63	2.36	>	10.00	15
	220.00	-0.00	767.36	-0.00	11129.63	2.36	>	10.00	43
	396.00	-0.00	1031.36	-0.00	11129.63	2.36	>	10.00	43
2434	28.00	0.00	-1890.89	0.00	15477.97	1.01		8.19	13
	140.00	0.00	-1722.88	0.00	11129.63	2.36		6.46	13
	252.00	-0.00	1888.15	-0.00	15477.97	1.01		8.20	45
2435	44.00	0.00	-1021.24	0.00	11129.63	2.36	>	10.00	46
	220.00	0.00	-757.24	0.00	11129.63	2.36	>	10.00	46
	396.00	-0.00	1011.80	-0.00	11129.63	2.36	>	10.00	12
2436	40.00	0.00	-1333.97	0.00	11129.63	2.36		8.34	11
	200.00	0.00	-1093.97	0.00	11129.63	2.36	>	10.00	11
	360.00	-0.00	1270.71	-0.00	11129.63	2.36		8.76	47
2437	44.00	0.00	-996.72	0.00	11129.63	2.36	>	10.00	9
	220.00	-0.00	756.12	0.00	11129.63	2.36	>	10.00	49
	396.00	-0.00	1020.12	-0.00	11129.63	2.36	>	10.00	49
2438	28.00	0.00	-1863.13	0.00	15477.97	1.01		8.31	44
	140.00	0.00	-1695.26	0.00	11129.63	2.36		6.57	44
	252.00	-0.00	1860.49	-0.00	15477.97	1.01		8.32	14
2439	44.00	0.00	-1011.65	-0.00	11129.63	2.36	>	10.00	44
	220.00	0.00	-747.65	-0.00	11129.63	2.36	>	10.00	44
	396.00	-0.00	1001.96	0.00	11129.63	2.36	>	10.00	14
2440	35.00	0.00	-1354.72	-0.00	15477.97	1.01	>	10.00	44
	175.00	-0.00	1161.84	-0.00	11129.63	2.36		9.58	14
	315.00	-0.00	1371.85	0.00	15477.97	1.01	>	10.00	14
2441	35.00	0.00	-1371.65	-0.00	15477.97	1.01	>	10.00	15
	175.00	-0.00	1181.28	-0.00	11129.63	2.36		9.42	43
	315.00	-0.00	1391.28	0.00	11129.63	2.36		8.00	43
2442	35.00	0.00	-1390.85	-0.00	11129.63	2.36		8.00	46
	175.00	0.00	-1180.85	0.00	11129.63	2.36		9.43	46
	315.00	-0.00	1371.37	0.00	11129.63	2.36		8.12	12
2443	44.00	0.00	-1012.00	0.00	11129.63	2.36	>	10.00	15
	220.00	-0.00	757.46	-0.00	11129.63	2.36	>	10.00	43

	396.00	-0.00	1021.46	-0.00	11129.63	2.36	> 10.00	43
2444	28.00	0.00	-1887.77	0.00	15477.97	1.01	8.20	15
	140.00	-0.00	1723.01	0.00	11129.63	2.36	6.46	43
	252.00	-0.00	1890.93	-0.00	15477.97	1.01	8.19	43
2445	44.00	0.00	-1031.47	-0.00	11129.63	2.36	> 10.00	46
	220.00	0.00	-767.47	-0.00	11129.63	2.36	> 10.00	46
	396.00	-0.00	1007.02	0.00	11129.63	2.36	> 10.00	12
2446	40.00	0.00	-1290.01	-0.00	11129.63	2.36	8.63	15
	200.00	-0.00	1114.60	0.00	11129.63	2.36	9.99	43
	360.00	-0.00	1354.60	0.00	11129.63	2.36	8.22	43
2447	35.00	0.00	-1371.58	-0.00	11129.63	2.36	8.11	9
	175.00	0.00	-1161.50	0.00	11129.63	2.36	9.58	11
	315.00	-0.00	1354.61	0.00	11129.63	2.36	8.22	49
2448	44.00	0.00	-1001.65	-0.00	11129.63	2.36	> 10.00	9
	220.00	-0.00	747.42	-0.00	11129.63	2.36	> 10.00	49
	396.00	-0.00	1011.42	0.00	11129.63	2.36	> 10.00	49
2449	28.00	-0.00	-1860.51	0.00	15477.97	1.01	8.32	11
	140.00	0.00	1695.36	0.00	11129.63	2.36	6.56	47
	252.00	0.00	1863.45	-0.00	15477.97	1.01	8.31	47
2450	44.00	0.00	-1020.39	-0.00	11129.63	2.36	> 10.00	44
	220.00	0.00	-756.39	-0.00	11129.63	2.36	> 10.00	44
	396.00	-0.00	997.02	0.00	11129.63	2.36	> 10.00	14
2451	40.00	0.00	-1270.34	0.00	11129.63	2.36	8.76	42
	200.00	-0.00	1093.76	-0.00	11129.63	2.36	> 10.00	16
	360.00	-0.00	1333.76	-0.00	11129.63	2.36	8.34	16
2452	43.60	0.00	-4042.25	0.00	23126.94	1.42	5.72	37
	218.00	0.00	-2219.78	0.00	11605.06	2.50	5.23	37
	392.40	-0.00	3494.05	-0.00	23126.94	1.42	6.62	38
2453	30.40	-0.00	-4084.98	-0.00	23126.94	1.42	5.66	35
	152.00	0.00	3609.29	-0.00	11605.06	2.50	3.22	40
	273.60	0.00	4879.97	0.00	23126.94	1.42	4.74	40
2454	43.60	-0.00	-5773.53	-0.00	23126.94	1.42	4.01	65
	218.00	-0.00	-2279.03	-0.00	11605.06	2.50	5.09	37
	392.40	0.00	4842.88	0.00	23126.94	1.42	4.78	38
2455	30.40	-0.00	-4727.51	0.00	23126.94	1.42	4.89	37
	152.00	0.00	3752.40	0.00	11605.06	2.50	3.09	38
	273.60	0.00	6119.94	-0.00	23126.94	1.42	3.78	38
2456	43.60	-0.00	-5130.89	0.00	23126.94	1.42	4.51	37
	218.00	-0.00	-2164.35	0.00	11605.06	2.50	5.36	37
	392.40	0.00	4343.08	-0.00	23126.94	1.42	5.33	38
2457	30.40	0.00	-4313.25	0.00	23126.94	1.42	5.36	37
	152.00	-0.00	3525.59	-0.00	11605.06	2.50	3.29	38
	273.60	-0.00	5594.00	-0.00	23126.94	1.42	4.13	38
2458	43.60	0.00	-5035.30	0.00	23126.94	1.42	4.59	65
	218.00	-0.00	-2103.62	0.00	11605.06	2.50	5.52	37
	392.40	0.00	4252.77	-0.00	23126.94	1.42	5.44	38
2459	30.40	-0.00	-4200.59	0.00	23126.94	1.42	5.51	37
	152.00	0.00	3425.55	0.00	11605.06	2.50	3.39	38
	273.60	0.00	5469.64	-0.00	23126.94	1.42	4.23	38
2460	43.60	0.00	-5494.63	0.00	23126.94	1.42	4.21	65
	218.00	0.00	-2034.94	-0.00	11605.06	2.50	5.70	37
	392.40	-0.00	4430.53	-0.00	23126.94	1.42	5.22	38
2461	30.40	-0.00	-4232.28	-0.00	23126.94	1.42	5.46	35
	152.00	0.00	3343.38	-0.00	11605.06	2.50	3.47	40

	273.60	0.00	5586.28	0.00	23126.94	1.42	4.14	40
2462	43.60	-0.00	-4578.56	0.00	23126.94	1.42	5.05	65
	218.00	0.00	-1914.85	0.00	11605.06	2.50	6.06	35
	392.40	-0.00	3804.31	-0.00	23126.94	1.42	6.08	40
2463	30.40	-0.00	-3814.57	0.00	23126.94	1.42	6.06	37
	152.00	0.00	3133.74	0.00	11605.06	2.50	3.70	38
	273.60	0.00	4960.75	-0.00	23126.94	1.42	4.66	38
2464	43.60	-0.00	-5494.78	-0.00	23126.94	1.42	4.21	65
	218.00	-0.00	-2034.79	0.00	11605.06	2.50	5.70	39
	392.40	0.00	4430.31	-0.00	23126.94	1.42	5.22	36
2465	30.40	0.00	-4232.12	-0.00	23126.94	1.42	5.46	41
	152.00	-0.00	3343.25	0.00	11605.06	2.50	3.47	34
	273.60	-0.00	5586.15	0.00	23126.94	1.42	4.14	34
2466	43.60	-0.00	-5035.31	-0.00	23126.94	1.42	4.59	65
	218.00	0.00	-2103.27	0.00	11605.06	2.50	5.52	39
	392.40	-0.00	4252.43	-0.00	23126.94	1.42	5.44	36
2467	30.40	0.00	-4200.28	-0.00	23126.94	1.42	5.51	39
	152.00	-0.00	3425.12	-0.00	11605.06	2.50	3.39	36
	273.60	-0.00	5469.21	0.00	23126.94	1.42	4.23	36
2468	43.60	0.00	-5130.55	0.00	23126.94	1.42	4.51	39
	218.00	0.00	-2164.01	0.00	11605.06	2.50	5.36	39
	392.40	-0.00	4342.54	-0.00	23126.94	1.42	5.33	36
2469	30.40	-0.00	-4312.74	-0.00	23126.94	1.42	5.36	39
	152.00	0.00	3525.09	-0.00	11605.06	2.50	3.29	36
	273.60	0.00	5593.49	0.00	23126.94	1.42	4.13	36
2470	43.60	0.00	-5773.47	0.00	23126.94	1.42	4.01	65
	218.00	0.00	-2278.72	-0.00	11605.06	2.50	5.09	39
	392.40	-0.00	4842.61	0.00	23126.94	1.42	4.78	36
2471	30.40	0.00	-4727.00	0.00	23126.94	1.42	4.89	39
	152.00	-0.00	3751.40	-0.00	11605.06	2.50	3.09	36
	273.60	-0.00	6118.94	-0.00	23126.94	1.42	3.78	36
2472	43.60	-0.00	-4041.95	0.00	23126.94	1.42	5.72	39
	218.00	-0.00	-2219.48	0.00	11605.06	2.50	5.23	39
	392.40	0.00	3493.60	-0.00	23126.94	1.42	6.62	36
2473	30.40	0.00	-4083.64	0.00	23126.94	1.42	5.66	41
	152.00	-0.00	3607.54	0.00	11605.06	2.50	3.22	34
	273.60	-0.00	4878.22	-0.00	23126.94	1.42	4.74	34
2530	39.40	0.00	256.38	0.00	19597.51	1.23	> 10.00	34
	197.00	0.00	343.73	0.00	11680.91	2.50	> 10.00	34
	354.60	0.00	614.50	0.00	19597.51	1.23	> 10.00	34
2531	39.40	0.00	721.74	0.00	19597.51	1.23	> 10.00	36
	197.00	0.00	404.91	0.00	11680.91	2.50	> 10.00	36
	354.60	0.00	681.20	0.00	19597.51	1.23	> 10.00	36
2532	39.40	0.00	636.05	0.00	19597.51	1.23	> 10.00	34
	197.00	0.00	436.83	0.00	11680.91	2.50	> 10.00	34
	354.60	0.00	709.96	0.00	19597.51	1.23	> 10.00	34
2533	39.40	0.00	613.62	0.00	19597.51	1.23	> 10.00	36
	197.00	0.00	448.60	0.00	11680.91	2.50	> 10.00	36
	354.60	0.00	721.61	0.00	19597.51	1.23	> 10.00	36
2534	39.40	0.00	601.89	0.00	19597.51	1.23	> 10.00	34
	197.00	0.00	431.20	0.00	11680.91	2.50	> 10.00	34
	354.60	0.00	704.62	0.00	19597.51	1.23	> 10.00	34
2535	39.40	0.00	548.93	0.00	19597.51	1.23	> 10.00	34
	197.00	0.00	427.98	0.00	11680.91	2.50	> 10.00	40

	354.60	0.00	700.48	0.00	19597.51	1.23 > 10.00	40
2536	39.40	0.00	601.72	0.00	19597.51	1.23 > 10.00	40
	197.00	0.00	431.06	0.00	11680.91	2.50 > 10.00	40
	354.60	0.00	704.57	0.00	19597.51	1.23 > 10.00	40
2537	39.40	0.00	614.08	0.00	19597.51	1.23 > 10.00	38
	197.00	0.00	446.16	0.00	11680.91	2.50 > 10.00	38
	354.60	0.00	719.23	0.00	19597.51	1.23 > 10.00	38
2538	39.40	0.00	636.29	0.00	19597.51	1.23 > 10.00	40
	197.00	0.00	433.43	0.00	11680.91	2.50 > 10.00	40
	354.60	0.00	706.78	0.00	19597.51	1.23 > 10.00	40
2539	39.40	0.00	722.37	0.00	19597.51	1.23 > 10.00	38
	197.00	0.00	401.83	0.00	11680.91	2.50 > 10.00	38
	354.60	0.00	678.28	0.00	19597.51	1.23 > 10.00	38
2540	39.40	0.00	257.00	0.00	19597.51	1.23 > 10.00	40
	197.00	0.00	336.41	0.00	11680.91	2.50 > 10.00	40
	354.60	0.00	607.25	0.00	19597.51	1.23 > 10.00	40

Minimo fattore di sicurezza: 3.092703 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Vr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Td , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono esposte le sollecitazioni di calcolo nelle componenti **Nx**, **Ty** e **Tz** di tale combinazione (vedi **Combinazioni Progetto**). Il campo **Theta** riporta il valore di $ctg(\theta)$ usato nella verifica. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi.

Verifica taglio pilastri									
Elem	Qta	Ascissa (cm)	Nx (kg)	Ty (kg)	Tz (kg)	Vr (kg)	Theta	F. Sic.	Comb.
632		23.00	-1448.93	2305.95	-408.74	27500.56	2.50 > 10.00	44	
		61.50	-1608.68	2305.95	-408.75	27500.58	2.50 > 10.00	44	
		88.13	-1715.02	2305.95	-408.74	27500.57	2.50 > 10.00	44	
633		23.00	2039.24	-1701.07	-121.06	27146.94	2.50 > 10.00	34	
		61.50	1879.49	-1701.07	-120.68	27146.52	2.50 > 10.00	34	
		88.13	1773.16	-1701.07	-120.85	27146.71	2.50 > 10.00	34	
634		23.00	1843.63	-1515.44	120.17	27163.46	2.50 > 10.00	36	
		61.50	1683.88	-1515.44	120.16	27163.45	2.50 > 10.00	36	
		88.13	1577.54	-1515.44	120.17	27163.46	2.50 > 10.00	36	
635		23.00	-651.08	1606.02	115.55	27148.46	2.50 > 10.00	41	
		61.50	-810.83	1606.02	115.18	27148.01	2.50 > 10.00	41	
		88.13	-917.16	1606.02	115.35	27148.21	2.50 > 10.00	41	
636		23.00	2060.14	-1783.90	115.96	27135.61	2.50 > 10.00	36	
		61.50	1900.39	-1783.90	115.95	27135.60	2.50 > 10.00	36	
		88.13	1794.05	-1783.90	115.96	27135.61	2.50 > 10.00	36	
637		23.00	-770.21	1749.37	-113.83	27135.72	2.50 > 10.00	35	
		61.50	-929.96	1749.37	-113.82	27135.72	2.50 > 10.00	35	
		88.13	-1036.30	1749.37	-113.82	27135.72	2.50 > 10.00	35	
638		23.00	2061.43	-1786.87	-120.74	27140.20	2.50 > 10.00	38	
		61.50	1901.68	-1786.87	-120.73	27140.20	2.50 > 10.00	38	
		88.13	1795.35	-1786.87	-120.73	27140.20	2.50 > 10.00	38	
639		23.00	-646.28	1602.29	-115.66	27148.91	2.50 > 10.00	35	
		61.50	-806.03	1602.29	-115.64	27148.89	2.50 > 10.00	35	
		88.13	-912.37	1602.29	-115.65	27148.90	2.50 > 10.00	35	
640		23.00	1845.76	-1521.20	116.24	27157.40	2.50 > 10.00	40	
		61.50	1686.01	-1521.20	116.24	27157.40	2.50 > 10.00	40	
		88.13	1579.67	-1521.20	116.24	27157.40	2.50 > 10.00	40	
641		23.00	2052.34	-1709.60	119.75	27144.81	2.50 > 10.00	40	
		61.50	1892.59	-1709.60	119.72	27144.78	2.50 > 10.00	40	

	88.13	1786.26	-1709.60	119.73	27144.79	2.50	>	10.00	40
642	23.00	-1456.88	2341.25	429.03	27529.36	2.50	>	10.00	49
	61.50	-1616.63	2341.25	428.98	27529.24	2.50	>	10.00	49
	88.13	-1722.96	2341.25	429.00	27529.29	2.50	>	10.00	49
2474	42.30	5981.22	3127.07	-564.99	13034.32	2.50		4.10	35
	211.50	5603.22	3127.07	-565.02	13034.34	2.50		4.10	35
	380.70	5222.52	3127.07	-564.99	13034.32	2.50		4.10	35
2475	42.30	4745.63	4022.13	455.57	12908.66	2.50		3.19	37
	211.50	4367.63	4022.13	455.36	12908.58	2.50		3.19	37
	380.70	3986.93	4022.13	455.58	12908.66	2.50		3.19	37
2476	42.30	8569.11	3868.90	603.77	12981.89	2.50		3.32	37
	211.50	8188.41	3868.90	603.77	12981.89	2.50		3.32	37
	380.70	7807.71	3868.90	603.77	12981.89	2.50		3.32	37
2477	42.30	7806.90	2994.03	531.71	13027.34	2.50		4.28	37
	211.50	7428.90	2994.04	531.72	13027.34	2.50		4.28	37
	380.70	7048.20	2994.03	531.71	13027.34	2.50		4.28	37
2478	42.30	7878.59	3663.36	605.88	13000.88	2.50		3.50	37
	211.50	7497.89	3663.36	605.88	13000.89	2.50		3.50	37
	380.70	7117.19	3663.36	605.88	13000.88	2.50		3.50	37
2479	42.30	7302.32	3550.55	655.53	13043.42	2.50		3.61	37
	211.50	6921.62	3550.55	656.35	13043.96	2.50		3.61	37
	380.70	6540.92	3550.55	655.53	13043.42	2.50		3.61	37
2480	42.30	7923.96	-2774.93	586.66	13110.16	2.50		4.62	40
	211.50	8072.56	-2765.59	-757.78	13299.42	2.50		4.64	38
	380.70	7165.26	-2775.33	586.66	13110.08	2.50		4.62	40
2481	42.30	7811.03	-2881.60	-790.88	13300.97	2.50		4.45	38
	211.50	7433.03	-2881.60	-790.89	13300.98	2.50		4.45	38
	380.70	7052.33	-2881.60	-790.88	13300.97	2.50		4.45	38
2482	42.30	9121.37	-3089.63	-746.26	13195.49	2.50		4.15	38
	211.50	8743.37	-3089.64	-746.26	13195.49	2.50		4.15	38
	380.70	8362.67	-3089.63	-746.26	13195.49	2.50		4.15	38
2483	42.30	5640.85	-3024.41	-588.27	13067.02	2.50		4.24	38
	211.50	5262.85	-3024.42	-588.31	13067.05	2.50		4.24	38
	380.70	4882.15	-3024.41	-588.26	13067.02	2.50		4.24	38
2484	42.30	7637.20	2804.46	550.42	13071.35	2.50		4.57	37
	211.50	7259.20	2804.46	550.42	13071.35	2.50		4.57	37
	380.70	6878.50	2804.46	550.42	13071.35	2.50		4.57	37
2485	42.30	7055.15	2714.20	578.06	13114.32	2.50		4.73	37
	211.50	6677.15	2714.20	578.07	13114.33	2.50		4.73	37
	380.70	6296.45	2714.20	578.06	13114.32	2.50		4.73	37
2486	42.30	8446.86	3405.26	582.63	13013.03	2.50		3.77	37
	211.50	8066.16	3405.26	582.64	13013.03	2.50		3.77	37
	380.70	7685.46	3405.26	582.63	13013.03	2.50		3.77	37
2487	42.30	7708.73	-2520.25	566.81	13147.03	2.50		5.09	40
	211.50	7330.73	-2520.25	566.81	13147.03	2.50		5.09	40
	380.70	6950.03	-2520.25	566.81	13147.03	2.50		5.09	40
2488	42.30	7432.68	2609.70	-746.08	13340.51	2.50		4.91	35
	211.50	7304.09	2606.92	516.73	13076.19	2.50		4.92	37
	380.70	6673.98	2609.90	-746.08	13340.44	2.50		4.91	35
2489	42.30	6857.91	3234.90	631.50	13068.76	2.50		3.97	37
	211.50	6477.48	3234.90	-654.27	13086.36	2.50		3.97	35
	380.70	6096.51	3234.90	631.50	13068.76	2.50		3.97	37
2490	42.30	8546.56	-2717.79	-760.67	13319.56	2.50		4.72	38
	211.50	8168.56	-2717.80	-760.68	13319.58	2.50		4.72	38

	380.70	7787.86	-2717.79	-760.67	13319.56	2.50	4.72	38
2491	42.30	8554.52	-2717.47	763.24	13322.94	2.50	4.72	36
	211.50	8176.52	-2717.48	764.17	13324.13	2.50	4.72	36
	380.70	7795.82	-2717.47	763.22	13322.93	2.50	4.72	36
2492	42.30	6847.47	2509.45	562.55	13144.98	2.50	5.11	37
	211.50	6469.47	2509.45	562.55	13144.99	2.50	5.11	37
	380.70	6088.77	2509.45	562.55	13144.98	2.50	5.11	37
2493	42.30	8447.57	3405.04	-583.29	13013.47	2.50	3.77	39
	211.50	8066.87	3405.04	-583.32	13013.49	2.50	3.77	39
	380.70	7686.17	3405.04	-583.29	13013.47	2.50	3.77	39
2494	42.30	7433.83	2617.39	744.60	13335.57	2.50	4.90	41
	211.50	7055.83	2617.39	744.59	13335.56	2.50	4.90	41
	380.70	6675.13	2617.39	744.60	13335.57	2.50	4.90	41
2495	42.30	7932.38	-2774.48	-583.94	13107.65	2.50	4.62	34
	211.50	8064.97	-2765.22	760.48	13302.87	2.50	4.64	36
	380.70	7173.68	-2774.88	-583.94	13107.57	2.50	4.62	34
2496	42.30	7301.59	3550.07	-658.08	13045.16	2.50	3.61	39
	211.50	6920.89	3550.07	-658.07	13045.15	2.50	3.61	39
	380.70	6540.19	3550.07	-658.08	13045.16	2.50	3.61	39
2497	42.30	7052.82	2713.88	-580.73	13117.02	2.50	4.73	39
	211.50	6674.82	2713.88	-580.75	13117.04	2.50	4.73	39
	380.70	6294.12	2713.88	-580.73	13117.02	2.50	4.73	39
2498	42.30	7828.13	-2880.91	793.31	13304.06	2.50	4.45	36
	211.50	7450.13	-2880.92	793.31	13304.06	2.50	4.45	36
	380.70	7069.43	-2880.91	793.31	13304.06	2.50	4.45	36
2499	42.30	7880.15	3662.74	-608.45	13002.42	2.50	3.50	39
	211.50	7499.45	3662.74	-607.57	13001.91	2.50	3.50	39
	380.70	7118.75	3662.74	-608.45	13002.42	2.50	3.50	39
2500	42.30	7641.41	2804.00	-553.09	13073.78	2.50	4.57	39
	211.50	7263.41	2804.00	-553.09	13073.78	2.50	4.57	39
	380.70	6882.71	2804.00	-553.09	13073.78	2.50	4.57	39
2501	42.30	9177.41	-3089.20	748.80	13198.07	2.50	4.15	36
	211.50	8799.41	-3089.21	748.81	13198.08	2.50	4.15	36
	380.70	8418.71	-3089.20	748.80	13198.07	2.50	4.15	36
2502	42.30	8568.67	3868.18	-604.83	12982.49	2.50	3.32	39
	211.50	8187.97	3868.18	-604.86	12982.50	2.50	3.32	39
	380.70	7807.27	3868.18	-604.83	12982.49	2.50	3.32	39
2503	42.30	7814.25	2993.53	-534.38	13029.40	2.50	4.28	39
	211.50	7436.25	2993.53	-534.40	13029.42	2.50	4.28	39
	380.70	7055.55	2993.53	-534.38	13029.40	2.50	4.28	39
2504	42.30	5677.16	-3023.70	590.12	13068.63	2.50	4.24	36
	211.50	5299.16	-3023.71	590.16	13068.67	2.50	4.24	36
	380.70	4918.46	-3023.70	590.12	13068.63	2.50	4.24	36
2505	42.30	4746.58	4020.99	-458.53	12909.77	2.50	3.19	39
	211.50	4368.58	4021.00	-458.54	12909.77	2.50	3.19	39
	380.70	3987.88	4020.99	-458.53	12909.77	2.50	3.19	39
2506	42.30	5988.97	3126.02	563.01	13033.01	2.50	4.10	41
	211.50	5610.97	3126.03	563.03	13033.03	2.50	4.10	41
	380.70	5230.27	3126.02	563.01	13033.01	2.50	4.10	41

Minimo fattore di sicurezza: 3.189016 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Vr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Td , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono esposte le sollecitazioni di calcolo nelle componenti **Nx**, **Ty** e **Tz** di tale combinazione (vedi **Combinazioni Progetto**). Il campo **Theta** riporta il valore di $ctg(\theta)$ usato nella verifica. Se il fattore di sicurezza è maggiore di 10.0,

viene riportata la dicitura >10.0 per evitare la stampa di numeri inutilmente grandi.

Verifica taglio travi di fondazione

Elem	Ascissa (cm)	Ty (kg)	Vr (kg)	F. Sic.	Comb.
654	40.00	565.49	11516.13 > 10.00		53
	200.00	328.77	11516.13 > 10.00		45
	360.00	-1021.16	11516.13 > 10.00		37
655	44.00	260.90	11516.13 > 10.00		53
	220.00	28.88	11516.13 > 10.00		11
	396.00	-247.92	11516.13 > 10.00		76
656	28.00	227.49	11516.13 > 10.00		53
	140.00	-11.77	11516.13 > 10.00		10
	252.00	-232.35	11516.13 > 10.00		53
657	44.00	245.08	11516.13 > 10.00		76
	220.00	-23.15	11516.13 > 10.00		39
	396.00	-271.13	11516.13 > 10.00		53
658	35.00	679.69	11516.13 > 10.00		53
	175.00	137.23	11516.13 > 10.00		41
	315.00	-287.37	11516.13 > 10.00		53
659	35.00	286.91	11516.13 > 10.00		53
	175.00	-137.41	11516.13 > 10.00		39
	315.00	-679.67	11516.13 > 10.00		53
660	44.00	271.64	11516.13 > 10.00		53
	220.00	23.33	11516.13 > 10.00		37
	396.00	-244.65	11516.13 > 10.00		76
661	28.00	230.64	11516.13 > 10.00		53
	140.00	10.75	11516.13 > 10.00		15
	252.00	-228.53	11516.13 > 10.00		53
662	44.00	257.70	11516.13 > 10.00		76
	220.00	-30.05	11516.13 > 10.00		71
	396.00	-261.21	11516.13 > 10.00		53
663	40.00	1016.31	11516.13 > 10.00		39
	200.00	-316.53	11516.13 > 10.00		48
	360.00	-573.92	11516.13 > 10.00		53
664	40.00	1344.42	11516.13	8.57	40
	200.00	660.72	11516.13 > 10.00		47
	360.00	-1894.33	11516.13	6.08	14
665	44.00	1111.70	11516.13 > 10.00		40
	220.00	-153.98	11516.13 > 10.00		42
	396.00	-1225.09	11516.13	9.40	42
666	28.00	1048.74	11516.13 > 10.00		40
	140.00	-157.47	11516.13 > 10.00		48
	252.00	-997.87	11516.13 > 10.00		38
667	44.00	1215.24	11516.13	9.48	40
	220.00	120.87	11516.13 > 10.00		43
	396.00	-1166.36	11516.13	9.87	38
668	35.00	1144.68	11516.13 > 10.00		36
	175.00	-176.27	11516.13 > 10.00		46
	315.00	-1184.14	11516.13	9.73	38
669	35.00	1193.20	11516.13	9.65	36
	175.00	177.36	11516.13 > 10.00		43
	315.00	-1140.25	11516.13 > 10.00		38
670	44.00	1179.71	11516.13	9.76	36
	220.00	-120.39	11516.13 > 10.00		46

	396.00	-1214.18	11516.13	9.48	34
671	28.00	1016.43	11516.13 > 10.00		36
	140.00	167.96	11516.13 > 10.00		12
	252.00	-1052.06	11516.13 > 10.00		34
672	44.00	1220.50	11516.13	9.44	47
	220.00	140.48	11516.13 > 10.00		47
	396.00	-1110.17	11516.13 > 10.00		34
673	40.00	1904.08	11516.13	6.05	9
	200.00	-672.92	11516.13 > 10.00		42
	360.00	-1360.18	11516.13	8.47	34

Minimo fattore di sicurezza: 6.048120 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Tr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Te , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Viene esposta la sollecitazioni **Ty** di tale combinazione (vedi Combinazioni Progetto). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. Viene, in fondo alla tabella, riportato il valore di γ_{Rd} (**Gamma Rd**) impiegato nella verifica.

Verifica a torsione

Elem	P/T	Qta	Ascissa (cm)	Comb.	Td (kgxcm)	Tr (kgxcm)	Vd (kg)	Vr (kg)	Fs
629	T		18.70	48	3396.37	195217.92	855.73	19597.51	> 10.00
			93.50	39	1038.35	136133.93	1277.25	11680.91	8.55
			168.30	48	3396.37	195217.92	575.23	19597.51	> 10.00
630	T		18.70	44	10715.53	195217.92	518.63	19597.51	> 10.00
			93.50	44	10715.53	204303.95	377.95	11680.91	> 10.00
			168.30	44	10715.53	195217.92	238.13	19597.51	> 10.00
631	T		18.70	49	-10487.82	195217.92	525.61	19597.51	> 10.00
			93.50	49	-10487.82	204303.95	384.94	11680.91	> 10.00
			168.30	49	-10487.82	195217.92	245.11	19597.51	> 10.00
632	P		23.00	13	-7645.00	794094.10	1701.01	27895.33	> 10.00
			61.50	13	-7645.00	794094.10	1701.00	27895.19	> 10.00
			88.13	13	-7645.00	794094.10	1701.01	27895.26	> 10.00
633	P		23.00	13	-7605.19	794094.10	1651.53	27979.23	> 10.00
			61.50	13	-7605.19	794094.10	1651.50	27978.60	> 10.00
			88.13	13	-7605.19	794094.10	1651.52	27978.90	> 10.00
634	P		23.00	13	-7390.37	794094.10	404.25	12827.69	> 10.00
			61.50	13	-7390.37	794094.10	404.24	12827.69	> 10.00
			88.13	13	-7390.37	794094.10	404.24	12827.69	> 10.00
635	P		23.00	46	-7300.55	794094.10	865.69	30440.12	> 10.00
			61.50	46	-7300.55	794094.10	865.63	30440.17	> 10.00
			88.13	46	-7300.55	794094.10	865.66	30440.15	> 10.00
636	P		23.00	46	-7208.15	794094.10	604.20	29496.73	> 10.00
			61.50	46	-7208.15	794094.10	604.20	29496.79	> 10.00
			88.13	46	-7208.15	794094.10	604.20	29496.76	> 10.00
637	P		23.00	46	-7186.25	794094.10	590.73	29368.64	> 10.00
			61.50	46	-7186.25	794094.10	590.73	29368.71	> 10.00
			88.13	46	-7186.25	794094.10	590.73	29368.68	> 10.00
638	P		23.00	46	-7210.47	794094.10	730.34	30271.53	> 10.00
			61.50	46	-7210.47	794094.10	730.33	30271.56	> 10.00
			88.13	46	-7210.47	794094.10	730.34	30271.55	> 10.00
639	P		23.00	46	-7292.35	794094.10	423.96	13696.33	> 10.00
			61.50	46	-7292.35	794094.10	423.96	13696.33	> 10.00
			88.13	46	-7292.35	794094.10	423.96	13696.33	> 10.00
640	P		23.00	46	-7393.87	794094.10	409.53	13048.13	> 10.00
			61.50	46	-7393.87	794094.10	409.53	13048.14	> 10.00

		88.13	46	-7393.87	794094.10	409.53	13048.14	> 10.00
641	P	23.00	46	-7603.27	794094.10	707.39	30032.02	> 10.00
		61.50	46	-7603.27	794094.10	707.39	30032.04	> 10.00
		88.13	46	-7603.27	794094.10	707.39	30032.03	> 10.00
642	P	23.00	10	7756.57	794094.10	1674.23	28012.37	> 10.00
		61.50	10	7756.57	794094.10	1674.23	28012.33	> 10.00
		88.13	10	7756.57	794094.10	1674.23	28012.35	> 10.00
654	F	40.00	37	40060.52	1140643.34	514.15	11516.13	> 10.00
		200.00	37	54167.19	1140643.34	256.19	11516.13	> 10.00
		360.00	37	68273.85	1140643.34	1021.16	11516.13	> 10.00
655	F	44.00	45	14760.93	1140643.34	87.72	11516.13	> 10.00
		220.00	37	24317.81	1140643.34	15.44	11516.13	> 10.00
		396.00	37	34090.65	1140643.34	17.61	11516.13	> 10.00
656	F	28.00	48	-6529.70	1140643.34	58.70	11516.13	> 10.00
		140.00	45	8198.06	1140643.34	11.63	11516.13	> 10.00
		252.00	45	11884.80	1140643.34	62.46	11516.13	> 10.00
657	F	44.00	39	-22043.15	1140643.34	46.95	11516.13	> 10.00
		220.00	39	-14641.71	1140643.34	23.15	11516.13	> 10.00
		396.00	48	-8011.21	1140643.34	66.04	11516.13	> 10.00
658	F	35.00	39	-43201.30	1140643.34	656.49	11516.13	> 10.00
		175.00	39	-34620.06	1140643.34	134.38	11516.13	> 10.00
		315.00	39	-26038.82	1140643.34	3.39	11516.13	> 10.00
659	F	35.00	37	26014.34	1140643.34	2.32	11516.13	> 10.00
		175.00	37	34599.22	1140643.34	134.52	11516.13	> 10.00
		315.00	37	43184.10	1140643.34	656.52	11516.13	> 10.00
660	F	44.00	45	7892.54	1140643.34	66.80	11516.13	> 10.00
		220.00	37	14604.10	1140643.34	23.33	11516.13	> 10.00
		396.00	37	22015.32	1140643.34	48.17	11516.13	> 10.00
661	F	28.00	48	-11766.06	1140643.34	62.27	11516.13	> 10.00
		140.00	48	-8097.28	1140643.34	10.67	11516.13	> 10.00
		252.00	45	6399.10	1140643.34	58.95	11516.13	> 10.00
662	F	44.00	39	-34031.30	1140643.34	25.65	11516.13	> 10.00
		220.00	39	-24270.11	1140643.34	15.35	11516.13	> 10.00
		396.00	48	-14626.38	1140643.34	86.66	11516.13	> 10.00
663	F	40.00	39	-68167.10	1140643.34	1016.31	11516.13	> 10.00
		200.00	39	-54080.21	1140643.34	246.24	11516.13	> 10.00
		360.00	39	-39993.32	1140643.34	523.08	11516.13	> 10.00
664	F	40.00	34	-104138.13	801321.49	1230.81	11516.13	4.22
		200.00	44	-213504.29	1330922.89	275.91	11516.13	6.23
		360.00	14	174938.58	801321.49	1894.33	11516.13	2.61
665	F	44.00	39	112488.94	1330922.89	70.06	11516.13	> 10.00
		220.00	44	59731.11	1330922.89	150.95	11516.13	> 10.00
		396.00	42	46759.25	801321.49	1225.09	11516.13	6.07
666	F	28.00	35	79309.01	1330922.89	142.91	11516.13	> 10.00
		140.00	35	31019.41	1330922.89	55.77	11516.13	> 10.00
		252.00	8	-27182.84	1330922.89	61.57	11516.13	> 10.00
667	F	44.00	40	-74371.96	801321.49	1215.24	11516.13	5.04
		220.00	40	-30056.13	1330922.89	59.87	11516.13	> 10.00
		396.00	34	34191.70	801321.49	1155.71	11516.13	6.99
668	F	35.00	35	86519.53	1330922.89	215.66	11516.13	> 10.00
		175.00	44	26912.20	1330922.89	164.30	11516.13	> 10.00
		315.00	34	40995.15	801321.49	1181.21	11516.13	6.50
669	F	35.00	40	-43480.02	801321.49	1190.31	11516.13	6.34
		175.00	49	-25800.58	1330922.89	164.46	11516.13	> 10.00

		315.00	41	-83791.89	1330922.89	211.09	11516.13	> 10.00
670	F	44.00	40	-37171.75	801321.49	1169.07	11516.13	6.76
		220.00	42	27827.93	1330922.89	119.86	11516.13	> 10.00
		396.00	34	72833.54	801321.49	1214.18	11516.13	5.09
671	F	28.00	35	30634.65	1330922.89	80.97	11516.13	> 10.00
		140.00	41	-26405.31	1330922.89	52.09	11516.13	> 10.00
		252.00	41	-74917.46	1330922.89	138.80	11516.13	> 10.00
672	F	44.00	47	-32704.99	801321.49	1220.50	11516.13	6.81
		220.00	49	-45790.35	1330922.89	139.19	11516.13	> 10.00
		396.00	37	-108836.26	1330922.89	77.66	11516.13	> 10.00
673	F	40.00	9	-179403.43	801321.49	1904.08	11516.13	2.57
		200.00	49	217613.77	1330922.89	285.17	11516.13	6.12
		360.00	40	98434.40	801321.49	1269.17	11516.13	4.29
2422	T	40.00	44	-3140.66	97766.16	1287.31	11129.63	6.77
		200.00	37	-4268.00	134313.33	269.86	11129.63	> 10.00
		360.00	45	-4090.69	97766.16	1221.03	11129.63	6.60
2423	T	44.00	48	1562.19	134313.33	958.99	11129.63	> 10.00
		220.00	48	1562.19	134313.33	694.99	11129.63	> 10.00
		396.00	48	1562.19	134313.33	430.99	11129.63	> 10.00
2424	T	28.00	48	940.64	135963.35	1775.41	15477.97	8.22
		140.00	48	940.64	97766.16	1607.42	11129.63	6.49
		252.00	10	-752.13	135963.35	1771.28	15477.97	8.34
2425	T	44.00	45	-1369.15	134313.33	434.83	11129.63	> 10.00
		220.00	45	-1369.15	134313.33	698.83	11129.63	> 10.00
		396.00	45	-1369.15	134313.33	962.83	11129.63	> 10.00
2426	T	35.00	46	1956.25	124172.70	1297.57	15477.97	> 10.00
		175.00	46	1956.25	134313.33	1087.57	11129.63	> 10.00
		315.00	46	1956.25	124172.70	877.57	15477.97	> 10.00
2427	T	35.00	42	-1311.23	97766.16	1317.51	11129.63	7.59
		175.00	43	-1956.06	134313.33	1087.88	11129.63	> 10.00
		315.00	43	-1956.06	97766.16	1297.88	11129.63	7.32
2428	T	44.00	48	1369.79	134313.33	962.90	11129.63	> 10.00
		220.00	48	1369.79	134313.33	698.90	11129.63	> 10.00
		396.00	48	1369.79	134313.33	434.90	11129.63	> 10.00
2429	T	28.00	13	751.23	135963.35	1770.91	15477.97	8.34
		140.00	45	-941.05	97766.16	1607.31	11129.63	6.49
		252.00	45	-941.05	135963.35	1775.24	15477.97	8.22
2430	T	44.00	45	-1552.69	134313.33	430.90	11129.63	> 10.00
		220.00	45	-1552.69	134313.33	694.90	11129.63	> 10.00
		396.00	45	-1552.69	134313.33	958.90	11129.63	> 10.00
2431	T	40.00	48	4101.18	97766.16	1221.38	11129.63	6.59
		200.00	62	4286.55	134313.33	98.54	11129.63	> 10.00
		360.00	49	3128.71	97766.16	1286.99	11129.63	6.77
2432	T	40.00	46	10330.50	97766.16	1354.25	11129.63	4.40
		200.00	46	10330.50	97766.16	1114.25	11129.63	4.86
		360.00	47	8024.50	97766.16	1196.36	11129.63	5.28
2433	T	44.00	45	-3908.53	134313.33	500.76	11129.63	> 10.00
		220.00	45	-3908.53	134313.33	764.76	11129.63	> 10.00
		396.00	45	-3908.53	134313.33	1028.76	11129.63	> 10.00
2434	T	28.00	13	2159.29	135963.35	1890.89	15477.97	7.24
		140.00	45	-2666.33	97766.16	1720.14	11129.63	5.50
		252.00	45	-2666.33	135963.35	1888.15	15477.97	7.06
2435	T	44.00	49	3451.71	134313.33	425.76	11129.63	> 10.00
		220.00	49	3451.71	134313.33	689.76	11129.63	> 10.00

		396.00	49	3451.71	134313.33	953.76	11129.63	> 10.00
2436	T	40.00	44	-3233.85	97766.16	1333.92	11129.63	6.54
		200.00	37	-4561.75	134313.33	220.91	11129.63	> 10.00
		360.00	45	-4557.44	97766.16	1184.67	11129.63	6.53
2437	T	44.00	48	2639.59	134313.33	943.35	11129.63	> 10.00
		220.00	48	2639.59	134313.33	679.35	11129.63	> 10.00
		396.00	48	2639.59	134313.33	415.35	11129.63	> 10.00
2438	T	28.00	9	-1903.89	135963.35	1863.04	15477.97	7.44
		140.00	49	2075.65	97766.16	1692.27	11129.63	5.77
		252.00	49	2075.65	135963.35	1860.39	15477.97	7.38
2439	T	44.00	45	-2405.05	134313.33	419.75	11129.63	> 10.00
		220.00	45	-2405.05	134313.33	683.75	11129.63	> 10.00
		396.00	45	-2405.05	134313.33	947.75	11129.63	> 10.00
2440	T	35.00	48	3046.84	124172.70	1274.44	15477.97	> 10.00
		175.00	49	1544.84	97766.16	1161.25	11129.63	8.32
		315.00	48	3046.84	124172.70	854.44	15477.97	> 10.00
2441	T	35.00	43	-5311.97	124172.70	971.28	15477.97	> 10.00
		175.00	43	-5311.97	97766.16	1181.28	11129.63	6.23
		315.00	43	-5311.97	97766.16	1391.28	11129.63	5.58
2442	T	35.00	46	5312.51	97766.16	1390.85	11129.63	5.58
		175.00	46	5312.51	97766.16	1180.85	11129.63	6.23
		315.00	49	3521.03	97766.16	1281.85	11129.63	6.61
2443	T	44.00	44	-3452.88	134313.33	953.96	11129.63	> 10.00
		220.00	44	-3452.88	134313.33	689.97	11129.63	> 10.00
		396.00	44	-3452.88	134313.33	425.96	11129.63	> 10.00
2444	T	28.00	48	2666.27	135963.35	1887.75	15477.97	7.06
		140.00	48	2666.27	97766.16	1719.82	11129.63	5.50
		252.00	10	-2161.18	135963.35	1890.91	15477.97	7.24
2445	T	44.00	48	3903.63	134313.33	1029.31	11129.63	> 10.00
		220.00	48	3903.63	134313.33	765.30	11129.63	> 10.00
		396.00	48	3903.63	134313.33	501.31	11129.63	> 10.00
2446	T	40.00	42	-8027.99	97766.16	1195.83	11129.63	5.28
		200.00	43	-10326.63	97766.16	1114.60	11129.63	4.86
		360.00	43	-10326.63	97766.16	1354.60	11129.63	4.40
2447	T	35.00	44	-1545.18	97766.16	1371.34	11129.63	7.19
		175.00	44	-1545.18	97766.16	1161.44	11129.63	8.32
		315.00	45	-3047.01	97766.16	1274.33	11129.63	6.87
2448	T	44.00	48	2404.13	134313.33	947.97	11129.63	> 10.00
		220.00	48	2404.13	134313.33	683.97	11129.63	> 10.00
		396.00	48	2404.13	134313.33	419.97	11129.63	> 10.00
2449	T	28.00	44	-2073.78	135963.35	1860.49	15477.97	7.38
		140.00	44	-2073.78	97766.16	1692.40	11129.63	5.77
		252.00	14	1903.59	135963.35	1863.42	15477.97	7.44
2450	T	44.00	45	-2639.21	134313.33	415.13	11129.63	> 10.00
		220.00	45	-2639.21	134313.33	679.13	11129.63	> 10.00
		396.00	45	-2639.21	134313.33	943.13	11129.63	> 10.00
2451	T	40.00	48	4569.50	97766.16	1185.10	11129.63	6.53
		200.00	48	4569.50	134313.33	945.10	11129.63	> 10.00
		360.00	49	3220.92	97766.16	1333.72	11129.63	6.55
2452	T	43.60	37	-6573.78	274097.02	4042.25	23126.94	5.03
		218.00	37	-6573.78	200938.60	2219.78	11605.06	4.46
		392.40	38	5814.05	274097.02	3494.05	23126.94	5.80
2453	T	30.40	35	-6013.54	274097.02	4084.98	23126.94	5.04
		152.00	40	7420.98	200938.60	3609.29	11605.06	2.87

		273.60	40	7420.98	274097.02	4879.97	23126.94	4.20
2454	T	43.60	37	-4175.45	274097.02	5674.60	23126.94	3.84
		218.00	37	-4175.45	200938.60	2279.03	11605.06	4.60
		392.40	38	4090.65	274097.02	4842.88	23126.94	4.46
2455	T	30.40	35	-4254.50	274097.02	4584.30	23126.94	4.68
		152.00	38	2267.49	200938.60	3752.40	11605.06	2.99
		273.60	40	4378.30	274097.02	5976.73	23126.94	3.64
2456	T	43.60	37	-3990.33	274097.02	5130.89	23126.94	4.23
		218.00	37	-3990.33	200938.60	2164.35	11605.06	4.85
		392.40	38	4221.93	274097.02	4343.08	23126.94	4.92
2457	T	30.40	35	-4225.97	274097.02	4209.74	23126.94	5.06
		152.00	40	3832.69	200938.60	3422.09	11605.06	3.19
		273.60	40	3832.69	274097.02	5490.50	23126.94	3.98
2458	T	43.60	37	-4328.85	274097.02	5035.28	23126.94	4.28
		218.00	37	-4328.85	200938.60	2103.62	11605.06	4.93
		392.40	38	4202.23	274097.02	4252.77	23126.94	5.02
2459	T	30.40	35	-4345.68	274097.02	4123.56	23126.94	5.15
		152.00	40	4646.96	200938.60	3348.51	11605.06	3.21
		273.60	40	4646.96	274097.02	5392.60	23126.94	4.00
2460	T	43.60	37	-4319.80	274097.02	5251.74	23126.94	4.12
		218.00	37	-4319.80	200938.60	2034.94	11605.06	5.08
		392.40	38	4450.32	274097.02	4430.53	23126.94	4.81
2461	T	30.40	35	-4414.27	274097.02	4232.28	23126.94	5.02
		152.00	40	4198.95	200938.60	3343.38	11605.06	3.24
		273.60	40	4198.95	274097.02	5586.28	23126.94	3.89
2462	T	43.60	37	-4159.97	274097.02	4535.09	23126.94	4.73
		218.00	37	-4159.97	200938.60	1914.74	11605.06	5.39
		392.40	38	4161.29	274097.02	3804.20	23126.94	5.57
2463	T	30.40	35	-4248.33	274097.02	3814.46	23126.94	5.54
		152.00	40	4249.35	200938.60	3133.60	11605.06	3.43
		273.60	40	4249.35	274097.02	4960.64	23126.94	4.35
2464	T	43.60	39	4314.05	274097.02	5251.60	23126.94	4.12
		218.00	39	4314.05	200938.60	2034.79	11605.06	5.08
		392.40	36	-4443.12	274097.02	4430.31	23126.94	4.81
2465	T	30.40	41	4407.08	274097.02	4232.12	23126.94	5.02
		152.00	34	-4189.29	200938.60	3343.25	11605.06	3.24
		273.60	34	-4189.29	274097.02	5586.15	23126.94	3.89
2466	T	43.60	39	4324.36	274097.02	5034.93	23126.94	4.28
		218.00	39	4324.36	200938.60	2103.27	11605.06	4.93
		392.40	36	-4193.95	274097.02	4252.43	23126.94	5.02
2467	T	30.40	41	4338.71	274097.02	4123.17	23126.94	5.15
		152.00	34	-4637.73	200938.60	3348.01	11605.06	3.21
		273.60	34	-4637.73	274097.02	5392.09	23126.94	4.00
2468	T	43.60	39	3986.14	274097.02	5130.55	23126.94	4.23
		218.00	39	3986.14	200938.60	2164.01	11605.06	4.85
		392.40	36	-4214.16	274097.02	4342.54	23126.94	4.92
2469	T	30.40	41	4220.29	274097.02	4209.12	23126.94	5.07
		152.00	34	-3823.50	200938.60	3421.46	11605.06	3.19
		273.60	34	-3823.50	274097.02	5489.87	23126.94	3.98
2470	T	43.60	39	4169.61	274097.02	5674.28	23126.94	3.84
		218.00	39	4169.61	200938.60	2278.72	11605.06	4.61
		392.40	36	-4083.12	274097.02	4842.61	23126.94	4.46
2471	T	30.40	41	4243.84	274097.02	4583.63	23126.94	4.68
		152.00	36	-2260.97	200938.60	3751.40	11605.06	2.99

		273.60	34	-4363.44	274097.02	5975.58	23126.94	3.65
2472	T	43.60	39	6569.88	274097.02	4041.95	23126.94	5.03
		218.00	39	6569.88	200938.60	2219.48	11605.06	4.47
		392.40	36	-5807.37	274097.02	3493.60	23126.94	5.81
2473	T	30.40	41	6001.80	274097.02	4083.64	23126.94	5.04
		152.00	34	-7406.20	200938.60	3607.54	11605.06	2.88
		273.60	34	-7406.20	274097.02	4878.22	23126.94	4.20
2474	P	42.30	35	4456.72	200938.60	3177.71	13034.32	3.76
		211.50	35	4456.72	200938.60	3177.71	13034.34	3.76
		380.70	35	4456.72	200938.60	3177.71	13034.32	3.76
2475	P	42.30	37	6385.33	200938.60	4047.85	12908.66	2.90
		211.50	37	6385.33	200938.60	4047.83	12908.58	2.90
		380.70	37	6385.33	200938.60	4047.85	12908.66	2.90
2476	P	42.30	37	6385.33	200938.60	3915.73	12981.89	3.00
		211.50	37	6385.33	200938.60	3915.73	12981.89	3.00
		380.70	37	6385.33	200938.60	3915.73	12981.89	3.00
2477	P	42.30	37	6385.33	200938.60	3040.88	13027.34	3.77
		211.50	37	6385.33	200938.60	3040.88	13027.34	3.77
		380.70	37	6385.33	200938.60	3040.88	13027.34	3.77
2478	P	42.30	37	6385.33	200938.60	3713.12	13000.88	3.15
		211.50	37	6385.33	200938.60	3713.12	13000.89	3.15
		380.70	37	6385.33	200938.60	3713.12	13000.88	3.15
2479	P	42.30	37	6385.33	200938.60	3610.56	13043.42	3.24
		211.50	37	6385.33	200938.60	3610.71	13043.96	3.24
		380.70	37	6385.33	200938.60	3610.56	13043.42	3.24
2480	P	42.30	38	-6386.16	200938.60	2840.28	13309.11	4.08
		211.50	38	-6386.16	200938.60	2867.53	13299.42	4.04
		380.70	38	-6386.16	200938.60	2840.28	13309.11	4.08
2481	P	42.30	38	-6386.16	200938.60	2988.16	13300.97	3.90
		211.50	38	-6386.16	200938.60	2988.17	13300.98	3.90
		380.70	38	-6386.16	200938.60	2988.16	13300.97	3.90
2482	P	42.30	38	-6386.16	200938.60	3178.48	13195.49	3.67
		211.50	38	-6386.16	200938.60	3178.49	13195.49	3.67
		380.70	38	-6386.16	200938.60	3178.48	13195.49	3.67
2483	P	42.30	38	-6386.16	200938.60	3081.09	13067.02	3.74
		211.50	38	-6386.16	200938.60	3081.11	13067.05	3.74
		380.70	38	-6386.16	200938.60	3081.09	13067.02	3.74
2484	P	42.30	37	6385.33	200938.60	2857.96	13071.35	3.99
		211.50	37	6385.33	200938.60	2857.96	13071.35	3.99
		380.70	37	6385.33	200938.60	2857.96	13071.35	3.99
2485	P	42.30	37	6385.33	200938.60	2775.08	13114.32	4.11
		211.50	37	6385.33	200938.60	2775.08	13114.33	4.11
		380.70	37	6385.33	200938.60	2775.08	13114.32	4.11
2486	P	42.30	37	6385.33	200938.60	3454.75	13013.03	3.36
		211.50	37	6385.33	200938.60	3454.75	13013.03	3.36
		380.70	37	6385.33	200938.60	3454.75	13013.03	3.36
2487	P	42.30	38	-6386.16	200938.60	2637.53	13424.57	4.38
		211.50	38	-6386.16	200938.60	2637.54	13424.58	4.38
		380.70	38	-6386.16	200938.60	2637.53	13424.57	4.38
2488	P	42.30	37	6385.33	200938.60	2644.31	13078.87	4.27
		211.50	37	6385.33	200938.60	2657.63	13076.19	4.25
		380.70	37	6385.33	200938.60	2644.31	13078.87	4.27
2489	P	42.30	37	6385.33	200938.60	3295.97	13068.76	3.52
		211.50	37	6385.33	200938.60	3295.88	13068.77	3.52

		380.70	37	6385.33	200938.60	3295.97	13068.76	3.52
2490	P	42.30	38	-6386.16	200938.60	2822.23	13319.56	4.10
		211.50	38	-6386.16	200938.60	2822.24	13319.58	4.10
		380.70	38	-6386.16	200938.60	2822.23	13319.56	4.10
2491	P	42.30	36	6352.77	200938.60	2822.62	13322.93	4.11
		211.50	36	6352.77	200938.60	2822.88	13324.13	4.11
		380.70	36	6352.77	200938.60	2822.62	13322.93	4.11
2492	P	42.30	37	6385.33	200938.60	2571.73	13144.98	4.40
		211.50	37	6385.33	200938.60	2571.73	13144.99	4.40
		380.70	37	6385.33	200938.60	2571.73	13144.98	4.40
2493	P	42.30	39	-6353.60	200938.60	3454.64	13013.47	3.37
		211.50	39	-6353.60	200938.60	3454.64	13013.49	3.37
		380.70	39	-6353.60	200938.60	3454.64	13013.47	3.37
2494	P	42.30	39	-6353.60	200938.60	2636.92	13081.82	4.29
		211.50	39	-6353.60	200938.60	2636.92	13081.84	4.29
		380.70	39	-6353.60	200938.60	2636.92	13081.82	4.29
2495	P	42.30	36	6352.77	200938.60	2840.74	13312.49	4.08
		211.50	36	6352.77	200938.60	2867.89	13302.87	4.05
		380.70	36	6352.77	200938.60	2840.74	13312.49	4.08
2496	P	42.30	39	-6353.60	200938.60	3610.55	13045.16	3.24
		211.50	39	-6353.60	200938.60	3610.55	13045.15	3.24
		380.70	39	-6353.60	200938.60	3610.55	13045.16	3.24
2497	P	42.30	39	-6353.60	200938.60	2775.32	13117.02	4.11
		211.50	39	-6353.60	200938.60	2775.32	13117.04	4.11
		380.70	39	-6353.60	200938.60	2775.32	13117.02	4.11
2498	P	42.30	36	6352.77	200938.60	2988.14	13304.06	3.90
		211.50	36	6352.77	200938.60	2988.15	13304.06	3.90
		380.70	36	6352.77	200938.60	2988.14	13304.06	3.90
2499	P	42.30	39	-6353.60	200938.60	3712.93	13002.42	3.15
		211.50	39	-6353.60	200938.60	3712.79	13001.91	3.15
		380.70	39	-6353.60	200938.60	3712.93	13002.42	3.15
2500	P	42.30	39	-6353.60	200938.60	2858.03	13073.78	4.00
		211.50	39	-6353.60	200938.60	2858.03	13073.78	4.00
		380.70	39	-6353.60	200938.60	2858.03	13073.78	4.00
2501	P	42.30	36	6352.77	200938.60	3178.66	13198.07	3.67
		211.50	36	6352.77	200938.60	3178.67	13198.08	3.67
		380.70	36	6352.77	200938.60	3178.66	13198.07	3.67
2502	P	42.30	39	-6353.60	200938.60	3915.18	12982.49	3.00
		211.50	39	-6353.60	200938.60	3915.19	12982.50	3.00
		380.70	39	-6353.60	200938.60	3915.18	12982.49	3.00
2503	P	42.30	39	-6353.60	200938.60	3040.85	13029.40	3.77
		211.50	39	-6353.60	200938.60	3040.85	13029.42	3.77
		380.70	39	-6353.60	200938.60	3040.85	13029.40	3.77
2504	P	42.30	36	6352.77	200938.60	3080.75	13068.63	3.74
		211.50	36	6352.77	200938.60	3080.77	13068.67	3.74
		380.70	36	6352.77	200938.60	3080.75	13068.63	3.74
2505	P	42.30	39	-6353.60	200938.60	4047.05	12909.77	2.90
		211.50	39	-6353.60	200938.60	4047.06	12909.77	2.90
		380.70	39	-6353.60	200938.60	4047.05	12909.77	2.90
2506	P	42.30	41	-4424.99	200938.60	3176.32	13033.01	3.76
		211.50	41	-4424.99	200938.60	3176.33	13033.03	3.76
		380.70	41	-4424.99	200938.60	3176.32	13033.01	3.76
2530	T	39.40	48	-4303.45	195217.92	12.71	19597.51	> 10.00
		197.00	44	-6282.45	204303.95	87.84	11680.91	> 10.00

		354.60	44	-6282.45	195217.92	374.78	19597.51	> 10.00
2531	T	39.40	46	-3924.27	195217.92	146.85	19597.51	> 10.00
		197.00	49	1134.43	204303.95	5.15	11680.91	> 10.00
		354.60	49	1134.43	195217.92	295.54	19597.51	> 10.00
2532	T	39.40	46	-4825.74	195217.92	215.99	19597.51	> 10.00
		197.00	45	2345.54	204303.95	14.70	11680.91	> 10.00
		354.60	45	2345.54	195217.92	318.01	19597.51	> 10.00
2533	T	39.40	43	5020.65	195217.92	302.67	19597.51	> 10.00
		197.00	42	-2245.42	204303.95	179.68	11680.91	> 10.00
		354.60	42	-2245.42	195217.92	468.57	19597.51	> 10.00
2534	T	39.40	46	-4401.70	195217.92	245.03	19597.51	> 10.00
		197.00	49	1406.38	204303.95	8.23	11680.91	> 10.00
		354.60	49	1406.38	195217.92	294.37	19597.51	> 10.00
2535	T	39.40	43	3729.37	195217.92	227.04	19597.51	> 10.00
		197.00	44	-1291.98	204303.95	1.82	11680.91	> 10.00
		354.60	44	-1291.98	195217.92	304.22	19597.51	> 10.00
2536	T	39.40	43	4403.70	195217.92	243.97	19597.51	> 10.00
		197.00	44	-1403.83	204303.95	11.28	11680.91	> 10.00
		354.60	44	-1403.83	195217.92	291.09	19597.51	> 10.00
2537	T	39.40	46	-5020.83	195217.92	302.86	19597.51	> 10.00
		197.00	47	2229.59	204303.95	178.53	11680.91	> 10.00
		354.60	47	2229.59	195217.92	467.57	19597.51	> 10.00
2538	T	39.40	43	4812.99	195217.92	215.47	19597.51	> 10.00
		197.00	48	-2354.14	204303.95	16.04	11680.91	> 10.00
		354.60	48	-2354.14	195217.92	319.16	19597.51	> 10.00
2539	T	39.40	43	3919.97	195217.92	148.77	19597.51	> 10.00
		197.00	44	-1143.25	204303.95	3.59	11680.91	> 10.00
		354.60	44	-1143.25	195217.92	304.33	19597.51	> 10.00
2540	T	39.40	45	4326.19	195217.92	13.24	19597.51	> 10.00
		197.00	49	6328.84	204303.95	90.35	11680.91	> 10.00
		354.60	49	6328.84	195217.92	375.52	19597.51	> 10.00

Minimo fattore di sicurezza: 2.569207 >= 1.00

Per ogni elemento **Elem** di tipo **P**(ilastro) o **T**(rave) a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, per ogni combinazione di carico il fattore di sicurezza combinato taglio-torsione **Fs** e vengono esposti dati e risultati relativi alla combinazione **Comb** per la quale si è ottenuto il fattore di sicurezza minimo. Vengono esposti i momenti torcenti agenti **Td** e resistenti **Tr** ed i valori di taglio combinato agente **Vd** e resistente **Vr**. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. In caso sia segnalato **Verifica non effettuata** (che non indica una verifica non soddisfatta ma una impossibilità ad effettuarla) il valore finale non tiene conto di tale verifica.

Verifica stato limite di esercizio - fessurazione

Elemento	Ascissa (cm)	Ampiezza Fess. (mm)	Dist.fessure (mm)	Momenti agenti		Momenti prima fessurazione		Comb.	Tipo
				Mz (kgxcm)	My (kgxcm)	Mz (kgxcm)	My (kgxcm)		
629	18.70	0.02	148.11	34166.78	0.00	103561.67	127200.39	31	qprm
	18.70	0.02	148.11	28962.00	0.00	103561.67	127200.39	6	freq
	93.50	0.01	148.11	-16475.98	0.00	103561.67	127200.39	31	qprm
	93.50	0.01	148.11	-13525.76	0.00	103561.67	127200.39	6	freq
	166.00	0.05	148.11	-55549.75	0.00	103561.67	127200.39	31	qprm
	166.00	0.03	148.11	-44695.28	0.00	103561.67	127200.39	6	freq
630	18.70	0.01	148.11	21920.32	0.00	103561.67	127200.39	31	qprm
	18.70	0.01	148.11	18703.71	0.00	103561.67	127200.39	6	freq
	93.50	0.01	148.11	-16033.50	0.00	103561.67	127200.39	31	qprm
	93.50	0.01	148.11	-13232.33	0.00	103561.67	127200.39	6	freq
	166.00	0.03	148.11	-42808.49	0.00	103561.67	127200.39	31	qprm
	166.00	0.02	148.11	-34174.59	0.00	103561.67	127200.39	6	freq
631	18.70	0.01	148.11	21941.94	0.00	103561.67	127200.39	31	qprm

	18.70	0.01	148.11	18783.76	0.00	103561.67	127200.39	6 freq
	93.50	0.01	148.11	-16026.12	0.00	103561.67	127200.39	31 qprm
	93.50	0.01	148.11	-13246.59	0.00	103561.67	127200.39	6 freq
	166.00	0.03	148.11	-42814.92	0.00	103561.67	127200.39	31 qprm
	166.00	0.02	148.11	-34280.24	0.00	103561.67	127200.39	6 freq
632	26.00	0.01	121.57	-50006.58	-59.34	466494.01	233247.00	31 qprm
	26.00	0.00	121.57	-24787.40	81.76	466494.01	233247.00	6 freq
	61.50	0.00	121.57	-31705.20	-36.87	466494.01	233247.00	31 qprm
	61.50	0.00	121.57	-15715.72	57.16	466494.01	233247.00	6 freq
	85.13	0.00	121.57	-19523.02	-21.92	561460.61	308282.34	31 qprm
	85.13	0.00	121.57	-9677.23	40.78	561460.61	308282.34	6 freq
633	26.00	0.00	121.57	-23085.76	-11600.10	466494.01	233247.00	32 qprm
	26.00	0.00	121.57	21986.37	-81.14	466494.01	233247.00	6 freq
	61.50	0.00	121.57	-14636.85	-7757.39	466494.01	233247.00	32 qprm
	61.50	0.00	121.57	13939.81	-51.03	466494.01	233247.00	6 freq
	85.13	0.00	121.57	-9012.89	-5199.52	561460.61	308282.34	32 qprm
	85.13	0.00	121.57	6830.32	-1075.74	561460.61	308282.34	4 freq
634	26.00	0.00	147.28	1942.66	-11060.04	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	1231.69	-7409.88	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	758.43	-4980.17	561460.61	308282.34	32 qprm
635	26.00	0.00	147.28	3876.63	-10942.61	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	2457.86	-7329.81	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	1513.47	-4924.97	561460.61	308282.34	32 qprm
636	26.00	0.00	147.28	-3470.67	-11118.33	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	-2200.48	-7436.66	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	-1354.98	-4985.99	561460.61	308282.34	32 qprm
637	26.00	0.00	147.28	5508.18	-10828.41	466494.01	233247.00	32 qprm
	26.00	0.00	121.57	-4755.62	-2139.86	466494.01	233247.00	4 freq
	61.50	0.00	147.28	3492.30	-7254.96	466494.01	233247.00	32 qprm
	61.50	0.00	121.57	-3015.16	-1432.31	466494.01	233247.00	4 freq
	85.13	0.00	147.28	2150.44	-4876.32	561460.61	308282.34	32 qprm
638	26.00	0.00	147.28	-4066.48	-11152.34	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	-2578.23	-7459.34	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	-1587.59	-5001.11	561460.61	308282.34	32 qprm
639	26.00	0.00	147.28	-1048.62	-11090.94	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	-664.85	-7429.29	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	-409.39	-4991.93	561460.61	308282.34	32 qprm
640	26.00	0.00	147.28	-2604.04	-11186.59	466494.01	233247.00	32 qprm
	61.50	0.00	147.28	-1651.01	-7494.34	466494.01	233247.00	32 qprm
	85.13	0.00	147.28	-1016.64	-5036.63	561460.61	308282.34	32 qprm
641	26.00	0.00	121.57	-17945.12	-11849.93	466494.01	233247.00	32 qprm
	26.00	0.00	121.57	22795.43	122.30	466494.01	233247.00	6 freq
	61.50	0.00	121.57	-11377.57	-7924.69	466494.01	233247.00	32 qprm
	61.50	0.00	121.57	12322.22	-1497.55	466494.01	233247.00	4 freq
	85.13	0.00	147.28	-7005.94	-5311.89	561460.61	308282.34	32 qprm
	85.13	0.00	121.57	7587.62	-1003.64	561460.61	308282.34	4 freq
642	26.00	0.01	121.57	-49834.44	290.39	466494.01	233247.00	31 qprm
	26.00	0.00	121.57	-24557.54	23.36	466494.01	233247.00	6 freq
	61.50	0.00	121.57	-31596.06	187.90	466494.01	233247.00	31 qprm
	61.50	0.00	121.57	-15569.99	12.09	466494.01	233247.00	6 freq
	85.13	0.00	121.57	-19455.82	119.68	561460.61	308282.34	31 qprm
	85.13	0.00	121.57	-9587.49	4.59	561460.61	308282.34	6 freq
654	40.00	0.00	185.53	15066.07	0.00	665825.60	1239517.97	34 qprm
	40.00	0.00	185.53	10081.93	0.00	665825.60	1239517.97	5 freq
	200.00	0.01	185.53	51731.95	0.00	584455.29	1172640.77	31 qprm
	200.00	0.01	185.53	43888.38	0.00	584455.29	1172640.77	6 freq
	360.00	0.00	185.53	25964.42	0.00	665825.60	1239517.97	31 qprm
	360.00	0.00	185.53	21994.46	0.00	665825.60	1239517.97	6 freq

655	44.00	0.00	185.53	-4519.17	0.00	665825.60	1239517.97	31 qprm
	44.00	0.00	185.53	-3289.23	0.00	665825.60	1239517.97	6 freq
	220.00	0.00	185.53	10099.72	0.00	584455.29	1172640.77	31 qprm
	220.00	0.00	185.53	5373.12	0.00	584455.29	1172640.77	6 freq
	396.00	0.00	185.53	8054.19	0.00	665825.60	1239517.97	34 qprm
	396.00	0.00	185.53	2629.08	0.00	665825.60	1239517.97	5 freq
656	28.00	0.00	185.53	-7920.78	0.00	665825.60	1239517.97	31 qprm
	28.00	0.00	185.53	-4787.83	0.00	665825.60	1239517.97	6 freq
	140.00	0.00	185.53	-824.22	0.00	584455.29	1172640.77	34 qprm
	140.00	0.00	185.53	-250.15	0.00	584455.29	1172640.77	5 freq
	252.00	0.00	185.53	-8231.69	0.00	665825.60	1239517.97	31 qprm
	252.00	0.00	185.53	-5296.77	0.00	665825.60	1239517.97	6 freq
657	44.00	0.00	185.53	4648.36	0.00	665825.60	1239517.97	34 qprm
	44.00	0.00	185.53	2679.61	0.00	665825.60	1239517.97	5 freq
	220.00	0.00	185.53	13150.06	0.00	584455.29	1172640.77	31 qprm
	220.00	0.00	185.53	8326.73	0.00	584455.29	1172640.77	6 freq
	396.00	0.00	185.53	-3840.28	0.00	665825.60	1239517.97	31 qprm
	396.00	0.00	185.53	-2297.73	0.00	665825.60	1239517.97	6 freq
658	35.00	0.01	185.53	-27798.29	0.00	665825.60	1239517.97	31 qprm
	35.00	0.01	185.53	-22767.56	0.00	665825.60	1239517.97	6 freq
	175.00	0.00	185.53	9071.27	0.00	584455.29	1172640.77	31 qprm
	175.00	0.00	185.53	6255.75	0.00	584455.29	1172640.77	6 freq
	315.00	0.00	185.53	5870.58	0.00	665825.60	1239517.97	34 qprm
	315.00	0.00	185.53	3126.38	0.00	665825.60	1239517.97	5 freq
659	35.00	0.00	185.53	5874.35	0.00	665825.60	1239517.97	32 qprm
	35.00	0.00	185.53	3139.94	0.00	665825.60	1239517.97	3 freq
	175.00	0.00	185.53	9073.04	0.00	584455.29	1172640.77	31 qprm
	175.00	0.00	185.53	6256.95	0.00	584455.29	1172640.77	6 freq
	315.00	0.01	185.53	-27799.76	0.00	665825.60	1239517.97	31 qprm
	315.00	0.01	185.53	-22768.54	0.00	665825.60	1239517.97	6 freq
660	44.00	0.00	185.53	-3894.34	0.00	665825.60	1239517.97	31 qprm
	44.00	0.00	185.53	-2334.43	0.00	665825.60	1239517.97	6 freq
	220.00	0.00	185.53	13137.71	0.00	584455.29	1172640.77	31 qprm
	220.00	0.00	185.53	8317.39	0.00	584455.29	1172640.77	6 freq
	396.00	0.00	185.53	4648.66	0.00	665825.60	1239517.97	32 qprm
	396.00	0.00	185.53	2691.13	0.00	665825.60	1239517.97	3 freq
661	28.00	0.00	185.53	-8086.00	0.00	665825.60	1239517.97	31 qprm
	28.00	0.00	185.53	-5183.18	0.00	665825.60	1239517.97	6 freq
	140.00	0.00	185.53	-914.18	0.00	584455.29	1172640.77	32 qprm
	140.00	0.00	185.53	-244.59	0.00	584455.29	1172640.77	3 freq
	252.00	0.00	185.53	-7971.35	0.00	665825.60	1239517.97	31 qprm
	252.00	0.00	185.53	-4820.55	0.00	665825.60	1239517.97	6 freq
662	44.00	0.00	185.53	9318.92	0.00	665825.60	1239517.97	32 qprm
	44.00	0.00	185.53	2541.78	0.00	665825.60	1239517.97	3 freq
	220.00	0.00	185.53	10268.73	0.00	665825.60	1239517.97	31 qprm
	220.00	0.00	185.53	5516.45	0.00	665825.60	1239517.97	6 freq
	396.00	0.00	185.53	-4332.65	0.00	665825.60	1239517.97	31 qprm
	396.00	0.00	185.53	-3138.97	0.00	665825.60	1239517.97	6 freq
663	40.00	0.00	185.53	25906.04	0.00	665825.60	1239517.97	31 qprm
	40.00	0.00	185.53	21870.62	0.00	665825.60	1239517.97	6 freq
	200.00	0.01	185.53	51569.65	0.00	584455.29	1172640.77	31 qprm
	200.00	0.01	185.53	43570.70	0.00	584455.29	1172640.77	6 freq
	360.00	0.00	185.53	16499.66	0.00	665825.60	1239517.97	32 qprm
	360.00	0.00	185.53	9935.63	0.00	665825.60	1239517.97	3 freq
664	40.00	0.01	223.78	-32334.93	0.00	804046.05	1900415.02	31 qprm
	40.00	0.00	223.78	-16434.17	0.00	804046.05	1900415.02	6 freq
	200.00	0.02	223.78	74944.30	0.00	723190.36	1814085.30	32 qprm
	200.00	0.01	223.78	65235.94	0.00	723190.36	1814085.30	3 freq
	360.00	0.01	223.78	45553.75	0.00	804046.05	1900415.02	32 qprm

	360.00	0.01	223.78	33944.99	0.00	804046.05	1900415.02	3 freq
665	44.00	0.00	223.78	-19704.10	0.00	804046.05	1900415.02	33 qprm
	44.00	0.00	223.78	-14106.95	0.00	804046.05	1900415.02	4 freq
	220.00	0.01	223.78	40201.91	0.00	723190.36	1814085.30	31 qprm
	220.00	0.01	223.78	31738.82	0.00	723190.36	1814085.30	6 freq
	396.00	0.01	223.78	-32378.52	0.00	804046.05	1900415.02	31 qprm
	396.00	0.00	223.78	-20320.34	0.00	804046.05	1900415.02	6 freq
666	28.00	0.01	223.78	-29548.04	0.00	804046.05	1900415.02	33 qprm
	28.00	0.01	223.78	-24421.92	0.00	804046.05	1900415.02	4 freq
	140.00	0.00	223.78	3359.64	0.00	723190.36	1814085.30	31 qprm
	140.00	0.00	223.78	2211.57	0.00	723190.36	1814085.30	6 freq
	252.00	0.01	223.78	-29296.45	0.00	804046.05	1900415.02	31 qprm
	252.00	0.01	223.78	-25261.69	0.00	804046.05	1900415.02	6 freq
667	44.00	0.00	223.78	-21955.51	0.00	804046.05	1900415.02	29 qprm
	44.00	0.00	223.78	-16367.31	0.00	804046.05	1900415.02	4 freq
	220.00	0.01	223.78	40419.87	0.00	723190.36	1814085.30	31 qprm
	220.00	0.01	223.78	33778.82	0.00	723190.36	1814085.30	6 freq
	396.00	0.00	223.78	-12880.12	0.00	804046.05	1900415.02	31 qprm
	396.00	0.00	223.78	-11525.29	0.00	804046.05	1900415.02	6 freq
668	35.00	0.00	223.78	-20106.79	0.00	804046.05	1900415.02	33 qprm
	35.00	0.00	223.78	-15805.95	0.00	804046.05	1900415.02	4 freq
	175.00	0.00	223.78	20059.41	0.00	723190.36	1814085.30	31 qprm
	175.00	0.00	223.78	16700.33	0.00	723190.36	1814085.30	6 freq
	315.00	0.01	223.78	-28933.35	0.00	804046.05	1900415.02	31 qprm
	315.00	0.00	223.78	-22478.20	0.00	804046.05	1900415.02	6 freq
669	35.00	0.01	223.78	-28703.24	0.00	804046.05	1900415.02	29 qprm
	35.00	0.00	223.78	-22315.32	0.00	804046.05	1900415.02	4 freq
	175.00	0.00	223.78	20096.74	0.00	723190.36	1814085.30	31 qprm
	175.00	0.00	223.78	16719.49	0.00	723190.36	1814085.30	6 freq
	315.00	0.00	223.78	-15260.29	0.00	804046.05	1900415.02	31 qprm
	315.00	0.00	223.78	-14843.93	0.00	804046.05	1900415.02	6 freq
670	44.00	0.00	223.78	-17303.83	0.00	804046.05	1900415.02	33 qprm
	44.00	0.00	223.78	-12717.28	0.00	804046.05	1900415.02	4 freq
	220.00	0.01	223.78	40283.56	0.00	723190.36	1814085.30	31 qprm
	220.00	0.01	223.78	33721.12	0.00	723190.36	1814085.30	6 freq
	396.00	0.00	223.78	-20654.38	0.00	804046.05	1900415.02	31 qprm
	396.00	0.00	223.78	-15868.67	0.00	804046.05	1900415.02	6 freq
671	28.00	0.01	223.78	-29243.19	0.00	804046.05	1900415.02	33 qprm
	28.00	0.01	223.78	-25022.55	0.00	804046.05	1900415.02	4 freq
	140.00	0.00	223.78	3365.10	0.00	723190.36	1814085.30	31 qprm
	140.00	0.00	223.78	2200.60	0.00	723190.36	1814085.30	6 freq
	252.00	0.01	223.78	-28573.49	0.00	804046.05	1900415.02	31 qprm
	252.00	0.01	223.78	-24400.51	0.00	804046.05	1900415.02	6 freq
672	44.00	0.01	223.78	-32855.98	0.00	804046.05	1900415.02	31 qprm
	44.00	0.00	223.78	-20369.70	0.00	804046.05	1900415.02	6 freq
	220.00	0.01	223.78	40109.61	0.00	723190.36	1814085.30	31 qprm
	220.00	0.01	223.78	31645.61	0.00	723190.36	1814085.30	6 freq
	396.00	0.00	223.78	-12702.77	0.00	804046.05	1900415.02	31 qprm
	396.00	0.00	223.78	-12423.14	0.00	804046.05	1900415.02	6 freq
673	40.00	0.01	223.78	34489.42	0.00	804046.05	1900415.02	34 qprm
	40.00	0.01	223.78	31982.39	0.00	804046.05	1900415.02	5 freq
	200.00	0.02	223.78	72354.86	0.00	723190.36	1814085.30	34 qprm
	200.00	0.01	223.78	65119.25	0.00	723190.36	1814085.30	5 freq
	360.00	0.01	223.78	-32713.52	0.00	804046.05	1900415.02	31 qprm
	360.00	0.00	223.78	-16372.74	0.00	804046.05	1900415.02	6 freq
2422	40.00	0.01	123.98	12309.91	-0.00	67152.38	107763.14	31 qprm
	40.00	0.01	123.98	12056.48	0.00	67152.38	107763.14	10 freq
	200.00	0.01	123.98	-11723.59	0.00	55259.35	92756.07	31 qprm
	200.00	0.01	123.98	-11659.77	0.00	55259.35	92756.07	10 freq

	360.00	0.01	123.98	16201.11	0.00	67152.38	107763.14	32 qprm
	360.00	0.00	123.98	5764.78	0.00	67152.38	107763.14	3 freq
2423	44.00	0.01	123.98	8699.73	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	8637.28	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13016.48	-0.00	55259.35	92756.07	34 qprm
	220.00	0.01	123.98	-13016.22	-0.00	55259.35	92756.07	8 freq
	396.00	0.01	123.98	21194.81	0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	13690.41	0.00	67152.38	107763.14	4 freq
2424	28.00	0.01	123.98	7400.85	0.00	67152.38	107763.14	31 qprm
	28.00	0.00	123.98	7364.71	0.00	67152.38	107763.14	6 freq
	140.00	0.00	123.98	-2319.08	0.00	55259.35	92756.07	32 qprm
	140.00	0.00	123.98	-2289.47	0.00	55259.35	92756.07	3 freq
	252.00	0.01	123.98	20171.87	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	9550.10	0.00	67152.38	107763.14	4 freq
2425	44.00	0.01	123.98	10329.38	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	10322.28	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13648.09	-0.00	55259.35	92756.07	33 qprm
	220.00	0.01	123.98	-13526.03	-0.00	55259.35	92756.07	4 freq
	396.00	0.01	123.98	18170.94	-0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10956.16	-0.00	67152.38	107763.14	3 freq
2426	35.00	0.00	123.98	7094.36	0.00	67152.38	107763.14	34 qprm
	35.00	0.00	123.98	7066.35	0.00	67152.38	107763.14	5 freq
	175.00	0.00	123.98	-6977.95	-0.00	55259.35	92756.07	34 qprm
	175.00	0.00	123.98	-6968.94	-0.00	55259.35	92756.07	5 freq
	315.00	0.01	123.98	19910.62	-0.00	67152.38	107763.14	33 qprm
	315.00	0.01	123.98	10707.95	-0.00	67152.38	107763.14	4 freq
2427	35.00	0.01	123.98	8428.10	-0.00	67152.38	107763.14	31 qprm
	35.00	0.01	123.98	8402.70	-0.00	67152.38	107763.14	6 freq
	175.00	0.00	123.98	-7164.81	-0.00	55259.35	92756.07	32 qprm
	175.00	0.00	123.98	-7006.49	-0.00	55259.35	92756.07	3 freq
	315.00	0.01	123.98	18207.62	0.00	67152.38	107763.14	32 qprm
	315.00	0.01	123.98	9296.50	0.00	67152.38	107763.14	3 freq
2428	44.00	0.01	123.98	9192.75	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	9154.70	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13511.45	-0.00	55259.35	92756.07	31 qprm
	220.00	0.01	123.98	-13498.07	-0.00	55259.35	92756.07	6 freq
	396.00	0.01	123.98	19612.18	0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	12184.99	-0.00	67152.38	107763.14	4 freq
2429	28.00	0.00	123.98	6890.94	0.00	67152.38	107763.14	34 qprm
	28.00	0.00	123.98	6884.55	0.00	67152.38	107763.14	5 freq
	140.00	0.00	123.98	-2315.55	0.00	55259.35	92756.07	34 qprm
	140.00	0.00	123.98	-2288.82	0.00	55259.35	92756.07	5 freq
	252.00	0.01	123.98	20667.18	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	10028.46	0.00	67152.38	107763.14	4 freq
2430	44.00	0.01	123.98	11900.39	0.00	67152.38	107763.14	31 qprm
	44.00	0.01	123.98	11830.54	0.00	67152.38	107763.14	10 freq
	220.00	0.01	123.98	-13180.77	-0.00	55259.35	92756.07	32 qprm
	220.00	0.01	123.98	-13047.52	-0.00	55259.35	92756.07	3 freq
	396.00	0.01	123.98	17703.37	-0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10443.81	-0.00	67152.38	107763.14	3 freq
2431	40.00	0.01	123.98	-9739.66	0.00	67152.38	107763.14	33 qprm
	40.00	0.00	123.98	3223.46	0.00	67152.38	107763.14	5 freq
	200.00	0.01	123.98	-12426.68	0.00	55259.35	92756.07	33 qprm
	200.00	0.01	123.98	-11799.47	0.00	55259.35	92756.07	4 freq
	360.00	0.02	123.98	23286.30	-0.00	67152.38	107763.14	33 qprm
	360.00	0.01	123.98	14233.30	0.00	67152.38	107763.14	4 freq
2432	40.00	0.01	123.98	13205.79	0.00	67152.38	107763.14	31 qprm
	40.00	0.01	123.98	12884.05	0.00	67152.38	107763.14	6 freq
	200.00	0.01	123.98	-11629.55	0.00	55259.35	92756.07	31 qprm

	200.00	0.01	123.98	-11540.88	0.00	55259.35	92756.07	6 freq
	360.00	0.01	123.98	15750.36	0.00	67152.38	107763.14	32 qprm
	360.00	0.00	123.98	5181.88	0.00	67152.38	107763.14	3 freq
2433	44.00	0.01	123.98	8482.10	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	8185.56	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-12963.71	-0.00	55259.35	92756.07	31 qprm
	220.00	0.01	123.98	-12963.54	-0.00	55259.35	92756.07	8 freq
	396.00	0.01	123.98	22156.93	0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	14374.24	0.00	67152.38	107763.14	4 freq
2434	28.00	0.00	123.98	7224.97	0.00	67152.38	107763.14	31 qprm
	28.00	0.00	123.98	7193.81	0.00	67152.38	107763.14	6 freq
	140.00	0.00	123.98	-2469.16	0.00	55259.35	92756.07	32 qprm
	140.00	0.00	123.98	-2392.92	0.00	55259.35	92756.07	3 freq
	252.00	0.01	123.98	20585.05	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	9621.69	0.00	67152.38	107763.14	4 freq
2435	44.00	0.01	123.98	10616.31	-0.00	67152.38	107763.14	31 qprm
	44.00	0.01	123.98	10612.60	-0.00	67152.38	107763.14	6 freq
	220.00	0.01	123.98	-13615.52	-0.00	55259.35	92756.07	33 qprm
	220.00	0.01	123.98	-13485.98	-0.00	55259.35	92756.07	4 freq
	396.00	0.01	123.98	18312.16	0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10818.42	-0.00	67152.38	107763.14	3 freq
2436	40.00	0.01	123.98	12824.82	0.00	67152.38	107763.14	31 qprm
	40.00	0.01	123.98	12820.86	0.00	67152.38	107763.14	10 freq
	200.00	0.01	123.98	-11564.90	0.00	55259.35	92756.07	31 qprm
	200.00	0.01	123.98	-11497.01	0.00	55259.35	92756.07	6 freq
	360.00	0.01	123.98	15938.66	0.00	67152.38	107763.14	32 qprm
	360.00	0.00	123.98	5328.42	0.00	67152.38	107763.14	3 freq
2437	44.00	0.01	123.98	8533.52	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	8275.03	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-12968.18	-0.00	55259.35	92756.07	31 qprm
	220.00	0.01	123.98	-12956.99	-0.00	55259.35	92756.07	6 freq
	396.00	0.02	123.98	22348.03	0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	14344.70	0.00	67152.38	107763.14	4 freq
2438	28.00	0.00	123.98	7212.92	0.00	67152.38	107763.14	31 qprm
	28.00	0.00	123.98	7161.36	0.00	67152.38	107763.14	6 freq
	140.00	0.00	123.98	-2495.30	0.00	55259.35	92756.07	32 qprm
	140.00	0.00	123.98	-2424.01	0.00	55259.35	92756.07	3 freq
	252.00	0.01	123.98	20946.86	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	9671.65	0.00	67152.38	107763.14	4 freq
2439	44.00	0.01	123.98	10662.28	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	10653.98	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13601.49	-0.00	55259.35	92756.07	33 qprm
	220.00	0.01	123.98	-13469.73	-0.00	55259.35	92756.07	4 freq
	396.00	0.01	123.98	18567.45	-0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10864.30	-0.00	67152.38	107763.14	3 freq
2440	35.00	0.00	123.98	6594.46	0.00	67152.38	107763.14	31 qprm
	35.00	0.00	123.98	6522.40	0.00	67152.38	107763.14	6 freq
	175.00	0.00	123.98	-7028.08	-0.00	55259.35	92756.07	34 qprm
	175.00	0.00	123.98	-7003.68	-0.00	55259.35	92756.07	5 freq
	315.00	0.01	123.98	21135.00	-0.00	67152.38	107763.14	32 qprm
	315.00	0.01	123.98	11344.69	-0.00	67152.38	107763.14	3 freq
2441	35.00	0.00	123.98	6431.31	0.00	67152.38	107763.14	34 qprm
	35.00	0.00	123.98	6348.82	0.00	67152.38	107763.14	5 freq
	175.00	0.00	123.98	-7019.72	-0.00	55259.35	92756.07	34 qprm
	175.00	0.00	123.98	-6998.48	-0.00	55259.35	92756.07	5 freq
	315.00	0.01	123.98	20925.89	-0.00	67152.38	107763.14	33 qprm
	315.00	0.01	123.98	11453.54	-0.00	67152.38	107763.14	4 freq
2442	35.00	0.01	123.98	9174.27	-0.00	67152.38	107763.14	31 qprm
	35.00	0.01	123.98	9090.94	-0.00	67152.38	107763.14	6 freq

	175.00	0.00	123.98	-7210.53	-0.00	55259.35	92756.07	32 qprm
	175.00	0.00	123.98	-7037.01	-0.00	55259.35	92756.07	3 freq
	315.00	0.01	123.98	17857.63	0.00	67152.38	107763.14	32 qprm
	315.00	0.01	123.98	8642.66	0.00	67152.38	107763.14	3 freq
2443	44.00	0.01	123.98	9064.52	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	8968.39	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13495.83	-0.00	55259.35	92756.07	31 qprm
	220.00	0.01	123.98	-13460.32	-0.00	55259.35	92756.07	6 freq
	396.00	0.01	123.98	20163.44	-0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	12523.59	-0.00	67152.38	107763.14	4 freq
2444	28.00	0.00	123.98	6913.53	0.00	67152.38	107763.14	31 qprm
	28.00	0.00	123.98	6865.56	0.00	67152.38	107763.14	6 freq
	140.00	0.00	123.98	-2464.48	0.00	55259.35	92756.07	34 qprm
	140.00	0.00	123.98	-2392.09	0.00	55259.35	92756.07	5 freq
	252.00	0.01	123.98	20915.28	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	9952.89	0.00	67152.38	107763.14	4 freq
2445	44.00	0.01	123.98	12730.58	0.00	67152.38	107763.14	31 qprm
	44.00	0.01	123.98	12482.01	0.00	67152.38	107763.14	6 freq
	220.00	0.01	123.98	-13140.95	-0.00	55259.35	92756.07	33 qprm
	220.00	0.01	123.98	-12998.20	-0.00	55259.35	92756.07	4 freq
	396.00	0.01	123.98	17811.78	-0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10049.38	-0.00	67152.38	107763.14	3 freq
2446	40.00	0.01	123.98	-10259.83	0.00	67152.38	107763.14	33 qprm
	40.00	0.00	123.98	2653.65	0.00	67152.38	107763.14	5 freq
	200.00	0.01	123.98	-12293.62	0.00	55259.35	92756.07	33 qprm
	200.00	0.01	123.98	-11676.79	0.00	55259.35	92756.07	4 freq
	360.00	0.02	123.98	24072.59	0.00	67152.38	107763.14	33 qprm
	360.00	0.01	123.98	15079.54	0.00	67152.38	107763.14	4 freq
2447	35.00	0.01	123.98	8971.67	-0.00	67152.38	107763.14	34 qprm
	35.00	0.01	123.98	8902.13	-0.00	67152.38	107763.14	5 freq
	175.00	0.00	123.98	-7223.31	-0.00	55259.35	92756.07	32 qprm
	175.00	0.00	123.98	-7042.95	-0.00	55259.35	92756.07	3 freq
	315.00	0.01	123.98	18318.08	0.00	67152.38	107763.14	33 qprm
	315.00	0.01	123.98	8879.23	0.00	67152.38	107763.14	4 freq
2448	44.00	0.01	123.98	9048.48	-0.00	67152.38	107763.14	34 qprm
	44.00	0.01	123.98	8954.62	-0.00	67152.38	107763.14	5 freq
	220.00	0.01	123.98	-13478.21	-0.00	55259.35	92756.07	31 qprm
	220.00	0.01	123.98	-13443.67	-0.00	55259.35	92756.07	6 freq
	396.00	0.01	123.98	20499.98	-0.00	67152.38	107763.14	33 qprm
	396.00	0.01	123.98	12627.77	-0.00	67152.38	107763.14	4 freq
2449	28.00	0.00	123.98	-7301.58	0.00	67152.38	107763.14	32 qprm
	28.00	0.00	123.98	6842.69	0.00	67152.38	107763.14	6 freq
	140.00	0.00	123.98	-2490.51	0.00	55259.35	92756.07	34 qprm
	140.00	0.00	123.98	-2423.29	0.00	55259.35	92756.07	5 freq
	252.00	0.01	123.98	21273.26	0.00	67152.38	107763.14	33 qprm
	252.00	0.01	123.98	9988.46	0.00	67152.38	107763.14	4 freq
2450	44.00	0.01	123.98	12561.73	0.00	67152.38	107763.14	31 qprm
	44.00	0.01	123.98	12378.66	0.00	67152.38	107763.14	6 freq
	220.00	0.01	123.98	-13130.62	-0.00	67152.38	107763.14	33 qprm
	220.00	0.01	123.98	-12990.24	-0.00	67152.38	107763.14	4 freq
	396.00	0.01	123.98	18109.13	-0.00	67152.38	107763.14	32 qprm
	396.00	0.01	123.98	10192.55	-0.00	67152.38	107763.14	3 freq
2451	40.00	0.01	123.98	-10635.25	0.00	67152.38	107763.14	33 qprm
	40.00	0.00	123.98	2690.09	0.00	67152.38	107763.14	8 freq
	200.00	0.01	123.98	-12278.76	0.00	55259.35	92756.07	33 qprm
	200.00	0.01	123.98	-11642.17	0.00	55259.35	92756.07	4 freq
	360.00	0.02	123.98	24477.72	0.00	67152.38	107763.14	33 qprm
	360.00	0.01	123.98	15113.68	0.00	67152.38	107763.14	4 freq
2452	43.60	0.05	114.33	95620.58	-0.00	161644.70	146637.64	31 qprm

	43.60	0.05	114.33	90676.68	-0.00	161644.70	146637.64	6 freq
	218.00	0.09	135.80	-117708.58	0.00	127742.62	131630.57	34 qprm
	218.00	0.09	135.80	-117162.74	-0.00	127742.62	131630.57	5 freq
	392.40	0.00	135.80	-10752.17	-0.00	161644.70	146637.64	31 qprm
	392.40	0.00	135.80	-6703.37	-0.00	161644.70	146637.64	6 freq
2453	30.40	0.00	135.80	-9511.26	-0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-6131.92	-0.00	161644.70	146637.64	6 freq
	152.00	0.02	135.80	-35853.48	0.00	139170.86	131630.57	32 qprm
	152.00	0.02	135.80	-34690.58	0.00	139170.86	131630.57	3 freq
	273.60	0.05	114.33	97324.39	-0.00	161644.70	146637.64	31 qprm
	273.60	0.05	114.33	92210.76	-0.00	161644.70	146637.64	6 freq
2454	43.60	0.10	114.33	161336.58	0.00	161644.70	146637.64	31 qprm
	43.60	0.09	114.33	155930.35	0.00	161644.70	146637.64	6 freq
	218.00	0.16	135.80	-214693.49	0.00	127742.62	131630.57	34 qprm
	218.00	0.16	135.80	-213932.49	0.00	127742.62	131630.57	5 freq
	392.40	0.01	135.80	17146.22	-0.00	161644.70	146637.64	32 qprm
	392.40	0.00	135.80	11348.42	-0.00	161644.70	146637.64	3 freq
2455	30.40	0.00	135.80	-13710.11	-0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-9383.94	0.00	161644.70	146637.64	6 freq
	152.00	0.05	135.80	-69364.20	0.00	127742.62	131630.57	32 qprm
	152.00	0.05	135.80	-68149.31	0.00	127742.62	131630.57	3 freq
	273.60	0.10	114.33	167942.81	0.00	161644.70	146637.64	31 qprm
	273.60	0.10	114.33	161935.52	0.00	161644.70	146637.64	6 freq
2456	43.60	0.09	114.33	146012.54	-0.00	161644.70	146637.64	31 qprm
	43.60	0.08	114.33	140015.82	-0.00	161644.70	146637.64	6 freq
	218.00	0.14	135.80	-189607.91	-0.00	127742.62	131630.57	34 qprm
	218.00	0.14	135.80	-188752.28	-0.00	127742.62	131630.57	5 freq
	392.40	0.00	135.80	9048.89	0.00	161644.70	146637.64	32 qprm
	392.40	0.00	135.80	3026.71	0.00	161644.70	146637.64	3 freq
2457	30.40	0.00	135.80	-16456.99	-0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-11539.06	-0.00	161644.70	146637.64	6 freq
	152.00	0.04	135.80	-60018.78	0.00	139170.86	131630.57	32 qprm
	152.00	0.04	135.80	-58789.22	0.00	139170.86	131630.57	3 freq
	273.60	0.09	114.33	153176.72	-0.00	161644.70	146637.64	31 qprm
	273.60	0.09	114.33	146466.14	-0.00	161644.70	146637.64	6 freq
2458	43.60	0.08	114.33	144800.50	0.00	161644.70	146637.64	31 qprm
	43.60	0.08	114.33	138719.55	0.00	161644.70	146637.64	6 freq
	218.00	0.14	135.80	-187423.59	-0.00	127742.62	131630.57	34 qprm
	218.00	0.14	135.80	-186562.63	-0.00	127742.62	131630.57	5 freq
	392.40	0.00	135.80	8552.38	0.00	161644.70	146637.64	32 qprm
	392.40	0.00	135.80	2617.52	0.00	161644.70	146637.64	3 freq
2459	30.40	0.01	135.80	-16525.90	-0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-11564.22	-0.00	161644.70	146637.64	6 freq
	152.00	0.04	135.80	-59240.81	0.00	127742.62	131630.57	32 qprm
	152.00	0.04	135.80	-58033.91	0.00	127742.62	131630.57	3 freq
	273.60	0.09	114.33	151821.26	-0.00	161644.70	146637.64	31 qprm
	273.60	0.09	114.33	145039.04	-0.00	161644.70	146637.64	6 freq
2460	43.60	0.09	114.33	155937.46	-0.00	161644.70	146637.64	31 qprm
	43.60	0.09	114.33	149912.39	-0.00	161644.70	146637.64	6 freq
	218.00	0.15	135.80	-204439.84	0.00	139170.86	131630.57	34 qprm
	218.00	0.15	135.80	-203593.39	-0.00	139170.86	131630.57	5 freq
	392.40	0.00	135.80	12512.32	0.00	161644.70	146637.64	32 qprm
	392.40	0.00	135.80	6974.44	0.00	161644.70	146637.64	3 freq
2461	30.40	0.00	135.80	-15535.55	0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-10685.10	0.00	161644.70	146637.64	6 freq
	152.00	0.05	135.80	-65270.54	0.00	139170.86	131630.57	32 qprm
	152.00	0.05	135.80	-64093.99	0.00	139170.86	131630.57	3 freq
	273.60	0.10	114.33	162916.11	-0.00	161644.70	146637.64	31 qprm
	273.60	0.09	114.33	156208.15	0.00	161644.70	146637.64	6 freq

2462	43.60	0.08	114.33	131708.78	0.00	161644.70	146637.64	31 qprm
	43.60	0.07	114.33	125763.84	0.00	161644.70	146637.64	6 freq
	218.00	0.13	135.80	-168578.68	0.00	127742.62	131630.57	34 qprm
	218.00	0.13	135.80	-167817.83	0.00	127742.62	131630.57	5 freq
	392.40	0.00	135.80	-8455.41	0.00	161644.70	146637.64	31 qprm
	392.40	0.00	135.80	-3767.70	0.00	161644.70	146637.64	6 freq
2463	30.40	0.00	135.80	-14703.26	-0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-10239.68	0.00	161644.70	146637.64	6 freq
	152.00	0.04	135.80	-52320.64	0.00	139170.86	131630.57	32 qprm
	152.00	0.04	135.80	-51093.69	0.00	139170.86	131630.57	3 freq
	273.60	0.08	114.33	137702.16	0.00	161644.70	146637.64	31 qprm
	273.60	0.08	114.33	131246.08	0.00	161644.70	146637.64	6 freq
2464	43.60	0.09	114.33	155957.19	-0.00	161644.70	146637.64	31 qprm
	43.60	0.09	114.33	149921.62	0.00	161644.70	146637.64	6 freq
	218.00	0.15	135.80	-204485.65	-0.00	139170.86	131630.57	32 qprm
	218.00	0.15	135.80	-203602.59	-0.00	139170.86	131630.57	3 freq
	392.40	0.00	135.80	12228.68	0.00	161644.70	146637.64	34 qprm
	392.40	0.00	135.80	6911.98	0.00	161644.70	146637.64	5 freq
2465	30.40	0.00	135.80	-15532.74	0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-10684.78	0.00	161644.70	146637.64	6 freq
	152.00	0.05	135.80	-65218.44	0.00	139170.86	131630.57	34 qprm
	152.00	0.05	135.80	-64082.37	0.00	139170.86	131630.57	5 freq
	273.60	0.10	114.33	162922.08	-0.00	161644.70	146637.64	31 qprm
	273.60	0.09	114.33	156211.83	-0.00	161644.70	146637.64	6 freq
2466	43.60	0.08	114.33	144798.58	-0.00	161644.70	146637.64	31 qprm
	43.60	0.08	114.33	138717.27	-0.00	161644.70	146637.64	6 freq
	218.00	0.14	135.80	-187533.91	0.00	127742.62	131630.57	32 qprm
	218.00	0.14	135.80	-186585.86	0.00	127742.62	131630.57	3 freq
	392.40	0.00	135.80	7831.97	-0.00	161644.70	146637.64	34 qprm
	392.40	0.00	135.80	2472.97	0.00	161644.70	146637.64	5 freq
2467	30.40	0.01	143.28	-16506.69	-0.00	161644.70	146822.61	31 qprm
	30.40	0.00	143.28	-11554.74	-0.00	161644.70	146822.61	6 freq
	152.00	0.04	135.80	-59118.33	0.00	127742.62	131843.52	34 qprm
	152.00	0.04	135.80	-58009.38	0.00	127742.62	131843.52	5 freq
	273.60	0.09	114.33	151803.84	-0.00	161644.70	146822.61	31 qprm
	273.60	0.08	114.33	145029.91	-0.00	161644.70	146822.61	6 freq
2468	43.60	0.09	114.33	146058.68	-0.00	161644.70	146637.64	31 qprm
	43.60	0.08	114.33	140036.83	-0.00	161644.70	146637.64	6 freq
	218.00	0.14	135.80	-189742.04	-0.00	161644.70	146637.64	32 qprm
	218.00	0.14	135.80	-188779.84	-0.00	161644.70	146637.64	3 freq
	392.40	0.00	135.80	8127.58	-0.00	161644.70	146637.64	34 qprm
	392.40	0.00	135.80	2828.31	-0.00	161644.70	146637.64	5 freq
2469	30.40	0.00	135.80	-16440.86	0.00	161644.70	146637.64	31 qprm
	30.40	0.00	135.80	-11532.77	-0.00	161644.70	146637.64	6 freq
	152.00	0.04	135.80	-59850.29	0.00	139170.86	131630.57	34 qprm
	152.00	0.04	135.80	-58752.43	0.00	139170.86	131630.57	5 freq
	273.60	0.09	114.33	153182.29	0.00	161644.70	146637.64	31 qprm
	273.60	0.09	114.33	146469.96	0.00	161644.70	146637.64	6 freq
2470	43.60	0.10	114.33	161317.89	-0.00	161644.70	146576.97	31 qprm
	43.60	0.09	114.33	155919.99	0.00	161644.70	146576.97	6 freq
	218.00	0.16	135.80	-214863.94	0.00	127742.62	131571.19	32 qprm
	218.00	0.16	135.80	-213970.62	0.00	127742.62	131571.19	3 freq
	392.40	0.00	135.80	15776.46	0.00	161644.70	146576.97	34 qprm
	392.40	0.00	135.80	11073.30	-0.00	161644.70	146576.97	5 freq
2471	30.40	0.00	143.28	-13645.38	-0.00	161644.70	146822.61	31 qprm
	30.40	0.00	143.28	-9347.92	-0.00	161644.70	146822.61	6 freq
	152.00	0.05	135.80	-69117.33	0.00	127742.62	131843.52	34 qprm
	152.00	0.05	135.80	-68099.60	0.00	127742.62	131843.52	5 freq
	273.60	0.10	114.33	167878.21	0.00	161644.70	146822.61	31 qprm

	273.60	0.09	114.33	161900.22	0.00	161644.70	146822.61	6 freq
2472	43.60	0.07	143.28	95647.58	0.00	150470.83	146774.63	31 qprm
	43.60	0.06	143.28	90687.96	0.00	150470.83	146774.63	6 freq
	218.00	0.09	135.80	-117985.82	-0.00	139170.86	132039.26	32 qprm
	218.00	0.09	135.80	-117221.92	-0.00	139170.86	132039.26	3 freq
	392.40	0.00	143.28	-10801.13	-0.00	161644.70	146901.15	31 qprm
	392.40	0.00	143.28	-6726.13	0.00	161644.70	146901.15	6 freq
2473	30.40	0.00	135.80	-9439.25	0.00	161644.70	146615.07	31 qprm
	30.40	0.00	135.80	-6095.39	0.00	161644.70	146615.07	6 freq
	152.00	0.02	135.80	-35730.07	0.00	161644.70	146615.07	34 qprm
	152.00	0.02	135.80	-34662.62	0.00	161644.70	146615.07	5 freq
	273.60	0.05	113.21	97270.57	-0.00	150470.83	146545.98	31 qprm
	273.60	0.05	113.21	92184.11	-0.00	150470.83	146545.98	6 freq
2474	43.50	0.00	94.75	-13556.29	-24449.86	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	6317.92	7574.79	161644.70	161644.70	34 qprm
	380.70	0.01	94.75	27029.92	21528.10	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	24621.77	13934.10	161644.70	161644.70	3 freq
2475	380.70	0.00	94.75	37373.56	21837.05	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	39165.16	13637.69	161644.70	161644.70	3 freq
2476	380.70	0.00	94.75	61174.70	20003.53	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	62002.29	4896.20	161644.70	161644.70	3 freq
2477	43.50	0.00	94.75	-17690.35	-32811.59	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	14417.48	-6872.68	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	46754.64	19251.51	161644.70	161644.70	32 qprm
	380.70	0.00	135.80	42716.68	4638.25	161644.70	161644.70	3 freq
2478	380.70	0.00	94.75	56208.85	12782.53	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	56746.76	-7911.16	161644.70	161644.70	5 freq
2479	380.70	0.00	94.75	56005.43	28771.47	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	55981.35	12303.46	161644.70	161644.70	3 freq
2480	43.50	0.00	94.75	23601.00	-34092.07	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-48263.84	-2926.40	161644.70	161644.70	32 qprm
	211.50	0.00	135.80	-49853.95	2613.23	161644.70	161644.70	3 freq
	380.70	0.06	135.80	-120642.00	28461.89	161644.70	161644.70	32 qprm
	380.70	0.03	94.75	-114868.76	12315.98	161644.70	161644.70	3 freq
2481	43.50	0.00	94.75	24356.47	-31379.45	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-48922.65	-3349.38	161644.70	161644.70	34 qprm
	211.50	0.00	135.80	-50312.16	-3780.35	161644.70	161644.70	5 freq
	380.70	0.06	135.80	-122338.53	12051.58	161644.70	161644.70	32 qprm
	380.70	0.03	135.80	-116492.68	-3726.63	161644.70	161644.70	3 freq
2482	43.50	0.00	94.75	32025.95	-32193.74	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-52367.00	-6698.68	161644.70	161644.70	32 qprm
	211.50	0.00	135.80	-53794.37	-1134.14	161644.70	161644.70	3 freq
	380.70	0.06	135.80	-137362.76	18978.49	161644.70	161644.70	32 qprm
	380.70	0.04	135.80	-131747.54	4593.10	161644.70	161644.70	3 freq
2483	43.50	0.00	94.75	14952.00	-23137.04	116623.50	116623.50	32 qprm
	211.50	0.00	135.80	-30666.44	7704.77	161644.70	161644.70	34 qprm
	211.50	0.00	94.75	-32088.32	8894.06	161644.70	161644.70	5 freq
	380.70	0.03	135.80	-75507.52	12189.81	161644.70	161644.70	34 qprm
	380.70	0.01	94.75	-71048.81	13684.81	161644.70	161644.70	3 freq
2484	43.50	0.00	94.75	-15810.14	-31852.19	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	12975.13	-9779.15	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	42874.34	-8145.87	161644.70	161644.70	34 qprm
	380.70	0.00	135.80	37176.95	-7886.31	161644.70	161644.70	5 freq
2485	43.50	0.00	94.75	-16010.92	-35315.13	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	12762.84	-3269.97	161644.70	161644.70	32 qprm
	380.70	0.01	94.75	41742.12	29004.08	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	36488.42	12460.79	161644.70	161644.70	3 freq

2486	380.70	0.00	94.75	60499.38	13247.70	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	60199.34	-5704.21	161644.70	161644.70	5 freq
2487	43.50	0.00	94.75	18605.81	-32672.10	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-44660.10	-6398.73	161644.70	161644.70	32 qprm
	211.50	0.00	135.80	-46161.81	-1281.92	161644.70	161644.70	3 freq
	380.70	0.05	135.80	-108377.92	20062.30	161644.70	161644.70	32 qprm
	380.70	0.03	94.75	-103143.62	4021.15	161644.70	161644.70	3 freq
2488	43.50	0.00	94.75	-18116.10	-31235.11	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	13668.73	-9138.01	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	46000.80	-5633.55	161644.70	161644.70	34 qprm
	380.70	0.00	135.80	40367.37	-5688.80	161644.70	161644.70	5 freq
2489	42.30	0.00	94.75	-23399.79	-32083.90	116623.50	116623.50	32 qprm
	380.70	0.00	94.75	52646.13	20658.43	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	52111.35	4138.94	161644.70	161644.70	3 freq
2490	43.50	0.00	94.75	27402.97	-30678.33	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-51305.79	-9048.66	161644.70	161644.70	32 qprm
	211.50	0.00	135.80	-52766.29	-2337.48	161644.70	161644.70	5 freq
	380.70	0.06	135.80	-130576.76	12735.50	161644.70	161644.70	32 qprm
	380.70	0.03	135.80	-125120.21	-5501.70	161644.70	161644.70	5 freq
2491	43.50	0.00	94.75	26677.40	-33452.92	116623.50	116623.50	32 qprm
	211.50	0.02	169.70	-51362.38	2083.71	146637.64	139569.71	34 qprm
	211.50	0.00	169.70	-52766.96	2334.49	146637.64	139569.71	5 freq
	380.70	0.13	169.70	-130059.13	23888.62	146637.64	139569.71	32 qprm
	380.70	0.09	169.70	-125065.98	9174.20	146637.64	139569.71	3 freq
2492	43.50	0.00	94.75	-17146.48	-33529.45	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	10822.16	-6593.43	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	38990.57	20534.99	161644.70	161644.70	32 qprm
	380.70	0.00	135.80	33797.79	4114.90	161644.70	161644.70	3 freq
2493	380.70	0.00	94.75	61388.82	24582.24	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	60290.22	9498.69	161644.70	161644.70	3 freq
2494	43.50	0.00	94.75	-18992.64	-34575.05	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	13549.36	-5207.91	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	46323.80	24369.00	161644.70	161644.70	32 qprm
	380.70	0.00	135.80	40431.85	9448.83	161644.70	161644.70	3 freq
2495	43.50	0.00	94.75	21503.78	-31239.16	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-48465.83	-3463.81	161644.70	161644.70	34 qprm
	211.50	0.00	135.80	-49895.96	-3895.54	161644.70	161644.70	5 freq
	380.70	0.06	135.80	-119976.75	-8397.14	161644.70	161644.70	34 qprm
	380.70	0.03	135.80	-114734.66	-8282.90	161644.70	161644.70	5 freq
2496	42.30	0.00	94.75	-26051.22	-32334.37	116623.50	116623.50	32 qprm
	380.70	0.00	94.75	57945.53	12525.19	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	56179.76	-8160.37	161644.70	161644.70	5 freq
2497	43.50	0.00	94.75	-17622.92	-31700.63	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	12590.51	-9892.16	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	43019.75	12072.09	161644.70	161644.70	32 qprm
	380.70	0.00	135.80	36619.89	-8339.11	161644.70	161644.70	5 freq
2498	43.50	0.00	94.75	21912.48	-34075.58	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-49103.87	-3045.70	161644.70	161644.70	32 qprm
	211.50	0.00	135.80	-50351.21	2498.00	161644.70	161644.70	3 freq
	380.70	0.06	135.80	-120627.47	28205.83	161644.70	161644.70	32 qprm
	380.70	0.03	94.75	-116138.44	11795.93	161644.70	161644.70	3 freq
2499	42.30	0.00	94.75	-26707.39	-31797.64	116623.50	116623.50	32 qprm
	380.70	0.00	94.75	58889.74	28573.52	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	57022.38	12059.68	161644.70	161644.70	3 freq
2500	43.50	0.01	94.75	-18265.67	-35264.88	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	12647.77	-3383.61	161644.70	161644.70	32 qprm
	380.70	0.01	94.75	43782.02	28725.38	161644.70	161644.70	32 qprm

	380.70	0.00	94.75	37362.22	12014.88	161644.70	161644.70	3 freq
2501	43.50	0.00	94.75	28411.64	-31234.86	116623.50	116623.50	32 qprm
	211.50	0.01	135.80	-52633.37	-286.51	161644.70	161644.70	34 qprm
	211.50	0.00	135.80	-53848.99	-266.29	161644.70	161644.70	5 freq
	380.70	0.06	135.80	-136109.63	-1075.92	161644.70	161644.70	34 qprm
	380.70	0.04	135.80	-131495.80	-1001.46	161644.70	161644.70	5 freq
2502	380.70	0.00	94.75	64842.72	17540.77	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	62753.44	2625.10	161644.70	161644.70	3 freq
2503	43.50	0.00	94.75	-20869.83	-32616.19	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	13985.92	-7532.51	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	49090.63	17730.33	161644.70	161644.70	32 qprm
	380.70	0.00	135.80	43206.01	2767.72	161644.70	161644.70	3 freq
2504	43.50	0.00	94.75	12716.98	-29626.60	116623.50	116623.50	32 qprm
	211.50	0.00	94.75	-30794.28	-16418.58	161644.70	161644.70	32 qprm
	211.50	0.00	94.75	-32117.78	-10645.74	161644.70	161644.70	3 freq
	380.70	0.03	135.80	-74616.32	-3116.22	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	-70683.91	-10037.19	161644.70	161644.70	3 freq
2505	43.50	0.00	94.75	-22266.17	-37777.41	116623.50	116623.50	33 qprm
	380.70	0.00	94.75	39730.63	-11606.60	161644.70	150665.85	34 qprm
	380.70	0.00	94.75	39661.14	-11584.07	161644.70	150665.85	5 freq
2506	43.50	0.01	94.75	-19153.41	-30746.20	116623.50	116623.50	32 qprm
	43.50	0.00	94.75	-12103.17	-10270.68	116623.50	116623.50	3 freq
	211.50	0.00	135.80	5971.25	-16699.01	161644.70	161644.70	32 qprm
	380.70	0.01	135.80	31275.37	-2551.48	161644.70	161644.70	32 qprm
	380.70	0.00	94.75	25069.79	-12033.83	161644.70	161644.70	5 freq
2530	39.40	0.00	148.11	-2810.53	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-1273.56	0.00	103561.67	127200.39	6 freq
	197.00	0.01	148.11	-24385.00	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-21280.33	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	8480.96	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	8214.63	0.00	103561.67	127200.39	6 freq
2531	39.40	0.00	148.11	-4633.65	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-3518.89	0.00	103561.67	127200.39	6 freq
	197.00	0.01	148.11	-23891.06	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-22194.98	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	18213.11	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	16058.23	0.00	103561.67	127200.39	6 freq
2532	39.40	0.00	148.11	-6005.78	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4486.29	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25423.05	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23310.55	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	20969.98	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17961.95	0.00	103561.67	127200.39	6 freq
2533	39.40	0.00	148.11	-6045.51	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4507.38	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25592.23	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23404.70	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	20896.13	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17940.86	0.00	103561.67	127200.39	6 freq
2534	39.40	0.00	148.11	-5723.98	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4269.03	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25228.08	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23106.28	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	20489.36	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17613.82	0.00	103561.67	127200.39	6 freq
2535	39.40	0.00	148.11	-5766.43	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4246.11	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25647.86	0.00	103561.67	127200.39	31 qprm

	197.00	0.01	148.11	-23307.81	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	19769.34	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17124.44	0.00	103561.67	127200.39	6 freq
2536	39.40	0.00	148.11	-5725.87	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4269.93	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25194.34	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23090.37	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	20565.71	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17649.87	0.00	103561.67	127200.39	6 freq
2537	39.40	0.00	148.11	-6049.41	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4509.24	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25597.05	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23408.60	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	20906.64	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	17942.61	0.00	103561.67	127200.39	6 freq
2538	39.40	0.00	148.11	-6006.40	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-4486.93	0.00	103561.67	127200.39	6 freq
	197.00	0.02	148.11	-25358.20	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-23279.12	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	21100.61	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	18026.88	0.00	103561.67	127200.39	6 freq
2539	39.40	0.00	148.11	-4626.65	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-3512.67	0.00	103561.67	127200.39	6 freq
	197.00	0.01	148.11	-23940.98	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-22213.63	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	18077.47	0.00	103561.67	127200.39	31 qprm
	354.60	0.01	148.11	15990.23	0.00	103561.67	127200.39	6 freq
2540	39.40	0.00	148.11	-2796.76	0.00	103561.67	127200.39	31 qprm
	39.40	0.00	148.11	-1273.29	0.00	103561.67	127200.39	6 freq
	197.00	0.01	148.11	-24421.41	0.00	103561.67	127200.39	31 qprm
	197.00	0.01	148.11	-21305.78	0.00	103561.67	127200.39	6 freq
	354.60	0.01	148.11	8355.18	0.00	103561.67	127200.39	31 qprm
	354.60	0.00	148.11	8166.42	0.00	103561.67	127200.39	6 freq

Verifica stato limite di esercizio - tensioni massime nel calcestruzzo

Elemento	Combinazione rara					Combinazione quasi permanente			
	Ascissa (cm)	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.
629	18.70	-13.68	36223.35	0.00	14	-12.91	34166.78	0.00	31
	93.50	-6.24	-16530.64	0.00	14	-6.22	-16475.98	0.00	31
	166.00	-21.78	-57650.71	0.00	14	-20.98	-55549.75	0.00	31
630	18.70	-8.69	22999.94	0.00	14	-8.28	21920.32	0.00	31
	93.50	-6.16	-16312.58	0.00	14	-6.06	-16033.50	0.00	31
	166.00	-16.77	-44404.49	0.00	14	-16.17	-42808.49	0.00	31
631	18.70	-8.69	23014.49	0.00	14	-8.29	21941.94	0.00	31
	93.50	-6.16	-16302.59	0.00	14	-6.05	-16026.12	0.00	31
	166.00	-16.77	-44398.92	0.00	14	-16.17	-42814.92	0.00	31
632	26.00	-4.70	-37329.66	-10205.54	12	-4.28	-40531.09	-6136.32	29
	61.50	-3.06	-23667.78	-6886.41	12	-2.76	-25697.55	-4139.43	29
	85.13	-1.96	-14573.84	-4677.06	12	-1.75	-15823.71	-2810.21	29
633	26.00	-3.76	46909.26	-230.47	14	-3.76	-23085.76	-11600.10	32
	61.50	-2.35	29741.44	-147.24	14	-2.47	-14636.85	-7757.39	32
	85.13	-1.48	18313.80	-91.83	14	-1.57	-9012.89	-5199.52	32
634	26.00	-2.08	7378.68	-11225.24	12	-2.03	6607.87	-11201.95	33
	61.50	-1.36	4678.24	-7515.14	12	-1.33	4189.52	-7500.28	33
	85.13	-0.90	2880.70	-5045.55	12	-0.87	2579.77	-5036.30	33
635	26.00	-1.76	3486.65	-10955.49	11	-1.80	3876.63	-10942.61	32
	61.50	-1.17	2210.61	-7337.80	11	-1.19	2457.86	-7329.81	32

	85.13	-0.77	1361.22	-4929.71	11	-0.78	1513.47	-4924.97	32
636	26.00	-2.06	7241.13	-11135.38	12	-1.95	5764.90	-11132.85	33
	61.50	-1.34	4591.02	-7444.54	12	-1.28	3655.07	-7443.33	33
	85.13	-0.89	2827.00	-4987.75	12	-0.84	2250.67	-4987.43	33
637	26.00	-2.05	-7430.35	-10780.92	12	-1.93	5508.18	-10828.41	32
	61.50	-1.34	-4710.99	-7220.18	12	-1.28	3492.30	-7254.96	32
	85.13	-0.87	-2900.88	-4849.99	12	-0.84	2150.44	-4876.32	32
638	26.00	-1.89	5162.22	-11042.65	12	-1.84	-4066.48	-11152.34	32
	61.50	-1.24	3272.96	-7383.43	12	-1.20	-2578.23	-7459.34	32
	85.13	-0.83	2015.38	-4947.70	12	-0.79	1519.26	-4955.12	33
639	26.00	-1.63	-1874.78	-10913.75	12	-1.62	-1763.78	-10938.49	33
	61.50	-1.09	-1188.65	-7308.85	12	-1.08	-1118.27	-7325.67	33
	85.13	-0.73	-731.93	-4909.28	12	-0.72	-688.60	-4920.83	33
640	26.00	-1.68	-2366.36	-11152.63	11	-1.70	-2604.04	-11186.59	32
	61.50	-1.11	-1500.32	-7471.41	11	-1.12	-1651.01	-7494.34	32
	85.13	-0.73	-923.85	-5021.03	11	-0.72	-1016.64	-5036.63	32
641	26.00	-4.19	32372.97	-11507.46	12	-3.82	36201.41	-6803.33	29
	61.50	-2.62	20525.13	-7694.88	12	-2.38	22952.44	-4549.13	29
	85.13	-1.61	12638.70	-5157.06	12	-1.46	14133.36	-3048.64	29
642	26.00	-4.26	-52959.04	323.46	14	-4.01	-49834.44	290.39	31
	61.50	-2.69	-33577.13	209.70	14	-2.54	-22861.47	-4194.13	29
	85.13	-1.73	-11711.57	-4815.84	12	-1.61	-14077.34	-2850.21	29
654	40.00	-0.89	14062.34	0.00	13	-0.96	15066.07	0.00	34
	200.00	-3.37	53075.11	0.00	14	-3.28	51731.95	0.00	31
	360.00	-1.68	26434.58	0.00	14	-1.65	25964.42	0.00	31
655	44.00	-0.30	-4686.75	0.00	14	-0.29	-4519.17	0.00	31
	220.00	-0.68	10681.13	0.00	14	-0.64	10099.72	0.00	31
	396.00	-0.44	6870.97	0.00	13	-0.51	8054.19	0.00	34
656	28.00	-0.53	-8314.04	0.00	14	-0.50	-7920.78	0.00	31
	140.00	-0.05	-700.47	0.00	13	-0.05	-824.22	0.00	34
	252.00	-0.55	-8607.28	0.00	14	-0.52	-8231.69	0.00	31
657	44.00	-0.27	4285.89	0.00	13	-0.29	4648.36	0.00	34
	220.00	-0.87	13785.04	0.00	14	-0.83	13150.06	0.00	31
	396.00	-0.26	-4032.60	0.00	14	-0.24	-3840.28	0.00	31
658	35.00	-1.83	-28857.64	0.00	14	-1.76	-27798.29	0.00	31
	175.00	-0.60	9483.21	0.00	14	-0.58	9071.27	0.00	31
	315.00	-0.34	5351.84	0.00	13	-0.37	5870.58	0.00	34
659	35.00	-0.34	5358.52	0.00	11	-0.37	5874.35	0.00	32
	175.00	-0.60	9485.04	0.00	14	-0.58	9073.04	0.00	31
	315.00	-1.83	-28859.16	0.00	14	-1.76	-27799.76	0.00	31
660	44.00	-0.26	-4088.72	0.00	14	-0.25	-3894.34	0.00	31
	220.00	-0.87	13772.33	0.00	14	-0.83	13137.71	0.00	31
	396.00	-0.27	4288.90	0.00	11	-0.29	4648.66	0.00	32
661	28.00	-0.54	-8457.73	0.00	14	-0.51	-8086.00	0.00	31
	140.00	-0.05	-789.21	0.00	11	-0.06	-914.18	0.00	32
	252.00	-0.53	-8366.72	0.00	14	-0.51	-7971.35	0.00	31
662	44.00	-0.51	8116.95	0.00	11	-0.59	9318.92	0.00	32
	220.00	-0.69	10853.30	0.00	14	-0.65	10268.73	0.00	31
	396.00	-0.29	-4495.84	0.00	14	-0.27	-4332.65	0.00	31
663	40.00	-1.67	26384.14	0.00	14	-1.64	25906.04	0.00	31
	200.00	-3.36	52931.63	0.00	14	-3.27	51569.65	0.00	31
	360.00	-0.98	15484.82	0.00	11	-1.05	16499.66	0.00	32
664	40.00	-1.95	-34289.10	0.00	14	-1.84	-32334.93	0.00	31
	200.00	-4.15	73189.92	0.00	11	-4.25	74944.30	0.00	32

	360.00	-2.54	44829.01	0.00	11	-2.59	45553.75	0.00	32
665	44.00	-1.13	-19957.27	0.00	12	-1.12	-19704.10	0.00	33
	220.00	-2.34	41231.78	0.00	14	-2.28	40201.91	0.00	31
	396.00	-1.92	-33849.57	0.00	14	-1.84	-32378.52	0.00	31
666	28.00	-1.74	-30639.35	0.00	12	-1.68	-29548.04	0.00	33
	140.00	-0.20	3498.98	0.00	14	-0.19	3359.64	0.00	31
	252.00	-1.69	-29776.93	0.00	14	-1.66	-29296.45	0.00	31
667	44.00	-1.31	-23140.95	0.00	12	-1.25	-21955.51	0.00	29
	220.00	-2.34	41211.87	0.00	14	-2.30	40419.87	0.00	31
	396.00	-0.74	-13041.32	0.00	14	-0.73	-12880.12	0.00	31
668	35.00	-1.15	-20226.47	0.00	12	-1.14	-20106.79	0.00	33
	175.00	-1.16	20458.99	0.00	14	-1.14	20059.41	0.00	31
	315.00	-1.69	-29698.15	0.00	14	-1.64	-28933.35	0.00	31
669	35.00	-1.68	-29633.44	0.00	12	-1.63	-28703.24	0.00	29
	175.00	-1.16	20498.48	0.00	14	-1.14	20096.74	0.00	31
	315.00	-0.87	-15314.99	0.00	14	-0.87	-15260.29	0.00	31
670	44.00	-1.01	-17826.96	0.00	12	-0.98	-17303.83	0.00	33
	220.00	-2.33	41066.10	0.00	14	-2.29	40283.56	0.00	31
	396.00	-1.21	-21220.05	0.00	14	-1.17	-20654.38	0.00	31
671	28.00	-1.72	-30228.75	0.00	12	-1.66	-29243.19	0.00	33
	140.00	-0.20	3506.48	0.00	14	-0.19	3365.10	0.00	31
	252.00	-1.65	-29071.45	0.00	14	-1.62	-28573.49	0.00	31
672	44.00	-1.95	-34379.18	0.00	14	-1.87	-32855.98	0.00	31
	220.00	-2.34	41139.76	0.00	14	-2.28	40109.61	0.00	31
	396.00	-0.72	-12730.76	0.00	14	-0.72	-12702.77	0.00	31
673	40.00	-1.92	33802.83	0.00	13	-1.96	34489.42	0.00	34
	200.00	-4.01	70600.76	0.00	13	-4.11	72354.86	0.00	34
	360.00	-1.97	-34721.39	0.00	14	-1.86	-32713.52	0.00	31
2422	40.00	-7.06	12154.74	-0.00	14	-7.15	12309.91	-0.00	31
	200.00	-6.80	-11703.33	0.00	26	-6.81	-11723.59	0.00	31
	360.00	-9.51	16354.04	0.00	11	-9.42	16201.11	0.00	32
2423	44.00	-5.06	8703.29	-0.00	13	-5.06	8699.73	-0.00	34
	220.00	-7.58	-13040.12	-0.00	25	-7.57	-13016.48	-0.00	34
	396.00	-12.30	21169.83	0.00	12	-12.32	21194.81	0.00	33
2424	28.00	-4.31	7419.79	0.00	26	-4.30	7400.85	0.00	31
	140.00	-1.34	-2311.56	0.00	11	-1.35	-2319.08	0.00	32
	252.00	-11.73	20179.62	0.00	12	-11.72	20171.87	0.00	33
2425	44.00	-6.00	10326.97	-0.00	13	-6.00	10329.38	-0.00	34
	220.00	-7.93	-13651.98	-0.00	12	-7.93	-13648.09	-0.00	33
	396.00	-10.56	18165.57	-0.00	11	-10.56	18170.94	-0.00	32
2426	35.00	-4.14	7117.93	0.00	25	-4.12	7094.36	0.00	34
	175.00	-4.05	-6975.92	-0.00	13	-4.06	-6977.95	-0.00	34
	315.00	-11.58	19920.66	-0.00	12	-11.57	19910.62	-0.00	33
2427	35.00	-4.90	8430.49	-0.00	14	-4.90	8428.10	-0.00	31
	175.00	-4.16	-7162.85	-0.00	11	-4.16	-7164.81	-0.00	32
	315.00	-10.58	18204.70	0.00	11	-10.58	18207.62	0.00	32
2428	44.00	-5.34	9185.00	-0.00	13	-5.34	9192.75	-0.00	34
	220.00	-7.86	-13523.11	-0.00	26	-7.85	-13511.45	-0.00	31
	396.00	-11.40	19612.29	0.00	12	-11.40	19612.18	0.00	33
2429	28.00	-4.02	6920.89	0.00	25	-4.01	6890.94	0.00	34
	140.00	-1.34	-2308.05	0.00	13	-1.35	-2315.55	0.00	34
	252.00	-12.02	20678.23	0.00	12	-12.01	20667.18	0.00	33
2430	44.00	-6.89	11862.62	0.00	14	-6.92	11900.39	0.00	31
	220.00	-7.67	-13191.55	-0.00	11	-7.66	-13180.77	-0.00	32

	396.00	-10.29	17709.36	-0.00	11	-10.29	17703.37	-0.00	32
2431	40.00	-5.57	-9590.29	0.00	12	-5.66	-9739.66	0.00	33
	200.00	-7.21	-12409.45	0.00	12	-7.22	-12426.68	0.00	33
	360.00	-13.47	23171.39	-0.00	12	-13.53	23286.30	-0.00	33
2432	40.00	-7.63	13132.84	0.00	14	-7.68	13205.79	0.00	31
	200.00	-6.75	-11617.22	0.00	14	-6.76	-11629.55	0.00	31
	360.00	-9.17	15771.16	0.00	11	-9.15	15750.36	0.00	32
2433	44.00	-4.90	8428.60	-0.00	13	-4.93	8482.10	-0.00	34
	220.00	-7.54	-12978.77	-0.00	26	-7.53	-12963.71	-0.00	31
	396.00	-12.90	22190.10	0.00	12	-12.88	22156.93	0.00	33
2434	28.00	-4.21	7240.02	0.00	26	-4.20	7224.97	0.00	31
	140.00	-1.42	-2450.93	0.00	11	-1.44	-2469.16	0.00	32
	252.00	-11.98	20610.80	0.00	12	-11.96	20585.05	0.00	33
2435	44.00	-6.17	10616.93	-0.00	14	-6.17	10616.31	-0.00	31
	220.00	-7.92	-13626.28	-0.00	12	-7.91	-13615.52	-0.00	33
	396.00	-10.63	18289.36	0.00	11	-10.64	18312.16	0.00	32
2436	40.00	-7.45	12820.86	0.00	27	-7.45	12824.82	0.00	31
	200.00	-6.71	-11548.90	0.00	14	-6.72	-11564.90	0.00	31
	360.00	-9.34	16064.79	0.00	11	-9.26	15938.66	0.00	32
2437	44.00	-4.93	8488.80	-0.00	13	-4.96	8533.52	-0.00	34
	220.00	-7.54	-12979.17	-0.00	14	-7.54	-12968.18	-0.00	31
	396.00	-13.00	22365.44	0.00	12	-12.99	22348.03	0.00	33
2438	28.00	-4.20	7220.46	0.00	14	-4.19	7212.92	0.00	31
	140.00	-1.44	-2478.44	0.00	11	-1.45	-2495.30	0.00	32
	252.00	-12.18	20963.82	0.00	12	-12.17	20946.86	0.00	33
2439	44.00	-6.20	10661.93	-0.00	13	-6.20	10662.28	-0.00	34
	220.00	-7.91	-13611.91	-0.00	12	-7.91	-13601.49	-0.00	33
	396.00	-10.78	18546.97	-0.00	11	-10.79	18567.45	-0.00	32
2440	35.00	-3.84	6611.75	0.00	14	-3.83	6594.46	0.00	31
	175.00	-4.08	-7022.21	-0.00	13	-4.08	-7028.08	-0.00	34
	315.00	-12.27	21116.11	-0.00	11	-12.28	21135.00	-0.00	32
2441	35.00	-3.73	6411.62	0.00	13	-3.74	6431.31	0.00	34
	175.00	-4.08	-7014.81	-0.00	13	-4.08	-7019.72	-0.00	34
	315.00	-12.18	20955.41	-0.00	12	-12.16	20925.89	-0.00	33
2442	35.00	-5.34	9185.06	-0.00	14	-5.33	9174.27	-0.00	31
	175.00	-4.19	-7205.79	-0.00	11	-4.19	-7210.53	-0.00	32
	315.00	-10.37	17841.54	0.00	11	-10.38	17857.63	0.00	32
2443	44.00	-5.26	9042.18	-0.00	13	-5.27	9064.52	-0.00	34
	220.00	-7.85	-13500.09	-0.00	14	-7.84	-13495.83	-0.00	31
	396.00	-11.72	20164.71	-0.00	12	-11.72	20163.44	-0.00	33
2444	28.00	-4.02	6921.24	0.00	14	-4.02	6913.53	0.00	31
	140.00	-1.42	-2446.36	0.00	13	-1.43	-2464.48	0.00	34
	252.00	-12.17	20935.20	0.00	12	-12.16	20915.28	0.00	33
2445	44.00	-7.40	12724.85	0.00	14	-7.40	12730.58	0.00	31
	220.00	-7.64	-13151.30	-0.00	12	-7.64	-13140.95	-0.00	33
	396.00	-10.32	17755.46	-0.00	11	-10.35	17811.78	-0.00	32
2446	40.00	-5.95	-10245.02	0.00	12	-5.96	-10259.83	0.00	33
	200.00	-7.15	-12295.29	0.00	12	-7.15	-12293.62	0.00	33
	360.00	-13.98	24054.45	0.00	12	-13.99	24072.59	0.00	33
2447	35.00	-5.20	8948.71	-0.00	13	-5.21	8971.67	-0.00	34
	175.00	-4.19	-7217.51	-0.00	11	-4.20	-7223.31	-0.00	32
	315.00	-10.67	18352.62	0.00	12	-10.65	18318.08	0.00	33
2448	44.00	-5.25	9025.08	-0.00	13	-5.26	9048.48	-0.00	34
	220.00	-7.84	-13482.46	-0.00	14	-7.83	-13478.21	-0.00	31

	396.00	-11.92	20502.65	-0.00	12	-11.92	20499.98	-0.00	33
2449	28.00	-4.24	-7289.77	0.00	11	-4.24	-7301.58	0.00	32
	140.00	-1.44	-2473.72	0.00	13	-1.45	-2490.51	0.00	34
	252.00	-12.38	21295.04	0.00	12	-12.36	21273.26	0.00	33
2450	44.00	-7.29	12546.98	0.00	14	-7.30	12561.73	0.00	31
	220.00	-7.64	-13144.39	-0.00	12	-7.63	-13130.62	-0.00	33
	396.00	-10.50	18066.65	-0.00	11	-10.53	18109.13	-0.00	32
2451	40.00	-6.11	-10513.37	0.00	12	-6.18	-10635.25	0.00	33
	200.00	-7.13	-12273.27	0.00	12	-7.14	-12278.76	0.00	33
	360.00	-14.16	24366.83	0.00	12	-14.23	24477.72	0.00	33
2452	43.60	-22.21	101566.78	-0.00	26	-20.91	95620.58	-0.00	31
	218.00	-28.13	-128617.68	0.00	25	-25.74	-117708.58	0.00	34
	392.40	-2.36	-10798.33	-0.00	14	-2.35	-10752.17	-0.00	31
2453	30.40	-2.08	-9503.34	0.00	14	-2.08	-9511.26	-0.00	31
	152.00	-8.42	-38483.19	0.00	23	-7.84	-35853.48	0.00	32
	273.60	-22.57	103200.63	-0.00	26	-21.29	97324.39	-0.00	31
2454	43.60	-38.21	174712.46	0.00	26	-35.29	161336.58	0.00	31
	218.00	-51.89	-237266.79	0.00	25	-46.96	-214693.49	0.00	34
	392.40	-3.64	16648.87	-0.00	11	-3.75	17146.22	-0.00	32
2455	30.40	-2.96	-13520.89	-0.00	14	-3.00	-13710.11	-0.00	31
	152.00	-16.63	-76045.05	0.00	23	-15.17	-69364.20	0.00	32
	273.60	-39.70	181506.42	0.00	26	-36.73	167942.81	0.00	31
2456	43.60	-34.37	157133.45	-0.00	26	-31.93	146012.54	-0.00	31
	218.00	-45.72	-209049.48	-0.00	25	-41.47	-189607.91	-0.00	34
	392.40	-1.84	8431.40	0.00	11	-1.98	9048.89	0.00	32
2457	30.40	-3.57	-16332.00	0.00	14	-3.60	-16456.99	-0.00	31
	152.00	-14.34	-65544.28	0.00	23	-13.13	-60018.78	0.00	32
	273.60	-35.98	164496.88	-0.00	26	-33.50	153176.72	-0.00	31
2458	43.60	-34.09	155888.80	0.00	26	-31.67	144800.50	0.00	31
	218.00	-45.24	-206852.94	-0.00	25	-40.99	-187423.59	-0.00	34
	392.40	-1.73	7918.70	0.00	11	-1.87	8552.38	0.00	32
2459	30.40	-3.59	-16397.67	-0.00	14	-3.61	-16525.90	-0.00	31
	152.00	-14.17	-64774.47	0.00	23	-12.96	-59240.81	0.00	32
	273.60	-35.67	163098.95	-0.00	26	-33.21	151821.26	-0.00	31
2460	43.60	-36.80	168277.81	-0.00	26	-34.11	155937.46	-0.00	31
	218.00	-49.37	-225725.46	0.00	25	-44.71	-204439.84	0.00	34
	392.40	-2.60	11894.92	0.00	11	-2.74	12512.32	0.00	32
2461	30.40	-3.36	-15376.65	0.00	14	-3.40	-15535.55	0.00	31
	152.00	-15.63	-71456.79	0.00	23	-14.28	-65270.54	0.00	32
	273.60	-38.38	175483.23	0.00	26	-35.63	162916.11	-0.00	31
2462	43.60	-31.16	142479.04	0.00	26	-28.81	131708.78	0.00	31
	218.00	-41.03	-187583.35	0.00	25	-36.87	-168578.68	0.00	34
	392.40	-1.82	-8309.90	0.00	14	-1.85	-8455.41	0.00	31
2463	30.40	-3.16	-14463.64	-0.00	14	-3.22	-14703.26	-0.00	31
	152.00	-12.60	-57608.51	0.00	23	-11.44	-52320.64	0.00	32
	273.60	-32.52	148703.56	0.00	26	-30.12	137702.16	0.00	31
2464	43.60	-36.81	168294.45	-0.00	26	-34.11	155957.19	-0.00	31
	218.00	-49.38	-225753.12	-0.00	23	-44.72	-204485.65	-0.00	32
	392.40	-2.54	11607.87	0.00	13	-2.67	12228.68	0.00	34
2465	30.40	-3.36	-15373.56	0.00	14	-3.40	-15532.74	0.00	31
	152.00	-15.62	-71424.23	0.00	25	-14.26	-65218.44	0.00	34
	273.60	-38.38	175488.54	-0.00	26	-35.63	162922.08	-0.00	31
2466	43.60	-34.09	155886.74	-0.00	26	-31.67	144798.58	-0.00	31
	218.00	-45.26	-206920.28	0.00	23	-41.02	-187533.91	0.00	32

	392.40	-1.57	7197.07	-0.00	13	-1.71	7831.97	-0.00	34
2467	30.40	-4.13	-16377.32	-0.00	14	-4.16	-16506.69	-0.00	31
	152.00	-16.31	-64700.76	0.00	25	-14.90	-59118.33	0.00	34
	273.60	-37.40	163084.00	-0.00	26	-34.82	151803.84	-0.00	31
2468	43.60	-34.38	157172.21	-0.00	26	-31.94	146058.68	-0.00	31
	218.00	-45.74	-209130.80	-0.00	23	-41.50	-189742.04	-0.00	32
	392.40	-1.64	7501.70	-0.00	13	-1.78	8127.58	-0.00	34
2469	30.40	-3.57	-16314.72	0.00	14	-3.60	-16440.86	0.00	31
	152.00	-14.31	-65439.93	0.00	25	-13.09	-59850.29	0.00	34
	273.60	-35.98	164501.99	0.00	26	-33.50	153182.29	0.00	31
2470	43.60	-38.28	174696.09	-0.00	26	-35.35	161317.89	-0.00	31
	218.00	-52.23	-237372.40	0.00	23	-47.27	-214863.94	0.00	32
	392.40	-3.35	15279.03	0.00	13	-3.46	15776.46	0.00	34
2471	30.40	-3.39	-13452.76	-0.00	14	-3.44	-13645.38	-0.00	31
	152.00	-19.13	-75896.87	0.00	25	-17.42	-69117.33	0.00	34
	273.60	-41.61	181450.40	0.00	26	-38.50	167878.21	0.00	31
2472	43.60	-24.41	101589.16	-0.00	26	-22.98	95647.58	0.00	31
	218.00	-30.94	-128787.42	-0.00	23	-28.35	-117985.82	-0.00	32
	392.40	-2.61	-10850.40	-0.00	14	-2.59	-10801.13	-0.00	31
2473	30.40	-2.08	-9427.15	0.00	14	-2.09	-9439.25	0.00	31
	152.00	-8.49	-38406.29	0.00	25	-7.90	-35730.07	0.00	34
	273.60	-22.76	103154.85	-0.00	26	-21.46	97270.57	-0.00	31
2474	43.50	-9.36	-13012.77	-24559.08	11	-9.50	-13556.29	-24449.86	32
	211.50	-6.39	7194.36	9390.85	14	-6.32	7286.14	9528.56	31
	380.70	-12.17	26420.40	21608.07	11	-12.36	27029.92	21528.10	32
2475	43.50	-10.71	-17075.40	-18672.05	11	-10.61	-17133.03	-18050.24	32
	211.50	-8.63	10920.20	11459.25	26	-8.17	10039.40	11652.66	31
	380.70	-15.30	42239.13	17954.01	23	-14.87	37373.56	21837.05	32
2476	42.30	-17.71	-25423.52	-31878.40	11	-17.71	-25491.48	-31835.98	32
	211.50	-12.75	19515.69	-3421.76	24	-12.09	17692.13	-5996.31	33
	380.70	-22.09	68330.64	12600.18	23	-21.48	61174.70	20003.53	32
2477	43.50	-12.51	-17315.22	-32926.54	11	-12.61	-17690.35	-32811.59	32
	211.50	-8.51	15417.40	210.91	14	-8.37	15607.07	193.05	31
	380.70	-16.48	46173.43	19385.42	11	-16.59	46754.64	19251.51	32
2478	42.30	-16.61	-23667.84	-32348.10	11	-16.61	-23784.27	-32331.55	32
	211.50	-12.11	17710.24	-7745.98	24	-11.54	16071.02	-9876.87	33
	380.70	-19.44	63189.48	-7904.14	25	-18.49	56208.85	12782.53	32
2479	42.30	-16.36	-23882.00	-31739.83	11	-16.38	-23996.33	-31757.33	32
	211.50	-11.48	17468.72	4517.98	26	-10.56	15771.28	4404.84	31
	380.70	-21.56	62023.92	20526.51	23	-21.55	56005.43	28771.47	32
2480	43.50	-14.08	22919.89	-33876.93	11	-14.31	23601.00	-34092.07	32
	211.50	-16.72	-56077.49	4379.88	26	-16.00	-51920.18	4395.69	31
	380.70	-37.20	-130053.43	20363.48	23	-36.77	-120642.00	28461.89	32
2481	43.50	-13.73	23704.70	-31636.99	11	-13.79	24356.47	-31379.45	32
	211.50	-16.90	-55778.82	-7945.78	24	-16.08	-51604.95	-7967.83	29
	380.70	-34.08	-131229.53	-7842.01	25	-32.55	-122338.53	12051.58	32
2482	43.50	-15.79	31550.54	-32230.10	11	-15.87	32025.95	-32193.74	32
	211.50	-17.30	-59645.62	-3943.58	24	-16.45	-55609.39	210.05	31
	380.70	-39.47	-148777.00	11884.15	23	-38.15	-137362.76	18978.49	32
2483	43.50	-9.22	13922.83	-22974.87	11	-9.45	14952.00	-23137.04	32
	211.50	-12.34	-36237.09	10189.50	26	-12.04	-33957.26	10507.03	31
	380.70	-24.35	-80288.75	17535.25	23	-24.24	-76380.33	21282.98	32
2484	43.50	-11.80	-15192.82	-32078.70	11	-11.93	-15810.14	-31852.19	32
	211.50	-8.43	14527.52	-4101.53	14	-8.30	14704.30	-4064.70	31

	380.70	-13.46	41228.27	12496.02	11	-13.59	41966.02	12451.55	32
2485	43.50	-12.63	-15381.14	-35107.38	11	-12.88	-16010.92	-35315.13	32
	211.50	-8.43	14433.83	4205.59	14	-8.29	14611.49	4168.48	31
	380.70	-17.73	40995.33	28977.09	11	-17.99	41742.12	29004.08	32
2486	42.30	-17.24	-25226.28	-30722.90	12	-17.24	-25324.67	-30705.18	33
	211.50	-12.67	18816.30	-6324.66	24	-12.05	17028.97	-8750.42	33
	380.70	-20.26	67062.84	-5705.98	25	-19.81	60499.38	13247.70	32
2487	43.50	-12.59	17897.33	-32677.48	11	-12.75	18605.81	-32672.10	32
	211.50	-15.02	-51717.76	-3844.49	24	-14.27	-47658.62	-3845.37	29
	380.70	-31.97	-117785.71	12045.37	23	-31.46	-108377.92	20062.30	32
2488	43.50	-12.17	-17596.71	-31296.74	11	-12.33	-18116.10	-31235.11	32
	211.50	-8.75	15095.95	-2394.55	14	-8.60	15291.63	-2379.97	31
	380.70	-14.54	44976.98	13097.01	11	-14.67	45680.58	13116.92	32
2489	42.30	-15.76	-23317.60	-32088.43	11	-15.76	-23399.79	-32083.90	32
	211.50	-10.39	16254.21	-3432.25	24	-9.84	14602.84	-5717.57	33
	380.70	-18.83	52593.54	20661.41	11	-18.84	52646.13	20658.43	32
2490	43.50	-14.28	26752.73	-30816.17	11	-14.36	27402.97	-30678.33	32
	211.50	-17.56	-58656.24	-6715.38	24	-16.71	-54152.17	-6726.74	29
	380.70	-35.92	-141334.36	5464.95	23	-34.72	-130576.76	12735.50	32
2491	43.50	-14.71	26022.66	-33321.68	11	-14.88	26677.40	-33452.92	32
	211.50	-19.30	-58724.24	-1651.81	24	-18.30	-54220.95	-1641.67	29
	380.70	-50.44	-129409.79	23873.71	11	-51.25	-130059.13	23888.62	32
2492	43.50	-12.62	-16938.65	-33534.88	11	-12.73	-17146.48	-33529.45	32
	211.50	-7.03	11595.56	-8.08	14	-6.91	11842.45	-7.65	31
	380.70	-14.88	38414.40	20538.29	11	-15.05	38990.57	20534.99	32
2493	42.30	-17.61	-27046.96	-32228.70	11	-17.62	-27143.30	-32237.68	32
	211.50	-12.08	18769.30	2586.61	26	-11.19	16986.13	-3754.01	33
	380.70	-22.43	67329.93	17062.72	23	-22.19	61388.82	24582.24	32
2494	43.50	-13.22	-18474.35	-34523.74	11	-13.42	-18992.64	-34575.05	32
	211.50	-8.74	15094.42	2377.56	14	-8.60	15290.20	2363.89	31
	380.70	-17.66	45620.82	24394.68	11	-17.86	46323.80	24369.00	32
2495	43.50	-13.02	20819.08	-31466.33	11	-13.07	21503.78	-31239.16	32
	211.50	-16.90	-55612.69	-8064.99	24	-16.09	-51456.43	-8082.53	29
	380.70	-33.83	-129652.29	-8305.95	25	-31.75	-119326.48	11682.20	32
2496	42.30	-16.93	-25038.63	-32597.72	12	-16.93	-25149.49	-32571.01	33
	211.50	-12.03	17484.61	-7911.89	24	-11.46	15811.19	-10043.27	33
	380.70	-19.32	62610.03	-8128.31	25	-18.76	57945.53	12525.19	32
2497	43.50	-12.19	-16996.45	-31919.23	11	-12.34	-17622.92	-31700.63	32
	211.50	-8.43	14431.46	-4221.72	14	-8.29	14609.27	-4183.74	31
	380.70	-13.61	42275.54	12105.64	11	-13.74	43019.75	12072.09	32
2498	43.50	-13.68	21250.43	-33826.79	11	-13.89	21912.48	-34075.58	32
	211.50	-16.78	-56474.35	4263.23	26	-16.05	-52302.06	4284.19	31
	380.70	-37.25	-130717.07	19934.97	23	-36.71	-120627.47	28205.83	32
2499	42.30	-16.89	-26597.06	-31790.25	11	-16.90	-26707.39	-31797.64	32
	211.50	-11.55	17640.76	4345.49	26	-10.62	15940.53	4224.15	31
	380.70	-22.17	58760.35	28596.40	11	-22.19	58889.74	28573.52	32
2500	43.50	-13.17	-17652.67	-35048.35	11	-13.44	-18265.67	-35264.88	32
	211.50	-8.43	14521.56	4086.27	14	-8.29	14698.66	4050.27	31
	380.70	-18.17	43046.99	28686.78	11	-18.42	43782.02	28725.38	32
2501	43.50	-14.74	27935.06	-31204.42	11	-14.77	28411.64	-31234.86	32
	211.50	-17.54	-59976.59	-4448.09	24	-16.63	-55275.90	-4423.90	29
	380.70	-38.55	-147251.13	9624.97	23	-37.05	-134821.13	16854.68	32
2502	42.30	-18.26	-28812.58	-30984.44	12	-18.27	-28873.02	-31018.17	33
	211.50	-12.87	19420.04	-4152.11	24	-12.20	17532.43	-6620.12	33

	380.70	-22.06	70546.94	9937.62	23	-21.80	64842.72	17540.77	32
2503	43.50	-13.16	-20504.87	-32510.18	11	-13.32	-20869.83	-32616.19	32
	211.50	-8.55	14796.80	-7466.63	12	-8.39	15231.65	-4552.36	29
	380.70	-16.59	48517.50	17600.72	11	-16.76	49090.63	17730.33	32
2504	43.50	-10.38	11677.84	-29802.77	11	-10.60	12716.98	-29626.60	32
	211.50	-12.94	-33115.84	-18360.99	12	-12.80	-32957.60	-18274.22	33
	380.70	-22.73	-79765.66	-12077.43	25	-21.41	-75530.10	-12210.24	34
2505	43.50	-15.15	-22222.04	-37163.19	12	-15.29	-22266.17	-37777.41	33
	211.50	-9.95	10758.65	-16262.48	24	-9.91	9756.40	-19558.66	33
	380.70	-14.90	43678.46	-11809.08	25	-13.76	39641.61	-11556.81	1
2506	43.50	-12.38	-18622.43	-30643.34	11	-12.60	-19153.41	-30746.20	32
	211.50	-6.87	6564.36	-17982.14	12	-6.66	6596.64	-17994.42	33
	380.70	-10.42	29451.04	-12138.71	25	-10.35	29159.92	-12049.60	34
2530	39.40	-1.15	-3055.91	0.00	14	-1.06	-2810.53	0.00	31
	197.00	-9.32	-24662.13	0.00	14	-9.21	-24385.00	0.00	31
	354.60	-3.36	8890.77	0.00	26	-3.20	8480.96	0.00	31
2531	39.40	-1.81	-4789.39	0.00	14	-1.75	-4633.65	0.00	31
	197.00	-9.03	-23891.43	0.00	14	-9.02	-23891.06	0.00	31
	354.60	-7.09	18771.92	0.00	14	-6.88	18213.11	0.00	31
2532	39.40	-2.34	-6196.98	0.00	14	-2.27	-6005.78	0.00	31
	197.00	-9.62	-25459.07	0.00	14	-9.60	-25423.05	0.00	31
	354.60	-8.16	21597.89	0.00	14	-7.92	20969.98	0.00	31
2533	39.40	-2.36	-6236.04	0.00	14	-2.28	-6045.51	0.00	31
	197.00	-9.68	-25633.73	0.00	14	-9.67	-25592.23	0.00	31
	354.60	-8.13	21511.72	0.00	14	-7.89	20896.13	0.00	31
2534	39.40	-2.23	-5904.64	0.00	14	-2.16	-5723.98	0.00	31
	197.00	-9.54	-25258.63	0.00	14	-9.53	-25228.08	0.00	31
	354.60	-7.97	21093.38	0.00	14	-7.74	20489.36	0.00	31
2535	39.40	-2.25	-5955.96	0.00	14	-2.18	-5766.43	0.00	31
	197.00	-9.71	-25706.25	0.00	14	-9.69	-25647.86	0.00	31
	354.60	-7.69	20348.54	0.00	14	-7.47	19769.34	0.00	31
2536	39.40	-2.23	-5906.65	0.00	14	-2.16	-5725.87	0.00	31
	197.00	-9.53	-25222.76	0.00	14	-9.52	-25194.34	0.00	31
	354.60	-8.00	21174.56	0.00	14	-7.77	20565.71	0.00	31
2537	39.40	-2.36	-6240.17	0.00	14	-2.29	-6049.41	0.00	31
	197.00	-9.69	-25638.64	0.00	14	-9.67	-25597.05	0.00	31
	354.60	-8.13	21523.31	0.00	14	-7.90	20906.64	0.00	31
2538	39.40	-2.34	-6197.60	0.00	14	-2.27	-6006.40	0.00	31
	197.00	-9.59	-25390.22	0.00	14	-9.58	-25358.20	0.00	31
	354.60	-8.21	21736.38	0.00	14	-7.97	21100.61	0.00	31
2539	39.40	-1.81	-4782.30	0.00	14	-1.75	-4626.65	0.00	31
	197.00	-9.05	-23945.13	0.00	14	-9.04	-23940.98	0.00	31
	354.60	-7.04	18628.15	0.00	14	-6.83	18077.47	0.00	31
2540	39.40	-1.15	-3040.50	0.00	14	-1.06	-2796.76	0.00	31
	197.00	-9.33	-24699.75	0.00	14	-9.23	-24421.41	0.00	31
	354.60	-3.32	8787.82	0.00	26	-3.16	8355.18	0.00	31

Verifica stato limite di esercizio - tensioni massime nell'acciaio

Elemento	Combinazione rara					Combinazione quasi permanente			
	Ascissa (cm)	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.
629	18.70	460.49	36223.35	0.00	14	434.35	34166.78	0.00	31
	93.50	210.15	-16530.64	0.00	14	209.45	-16475.98	0.00	31
	166.00	732.89	-57650.71	0.00	14	706.18	-55549.75	0.00	31
630	18.70	292.39	22999.94	0.00	14	278.66	21920.32	0.00	31
	93.50	207.37	-16312.58	0.00	14	203.83	-16033.50	0.00	31

	166.00	564.49	-44404.49	0.00	14	544.20	-42808.49	0.00	31
631	18.70	292.57	23014.49	0.00	14	278.94	21941.94	0.00	31
	93.50	207.25	-16302.59	0.00	14	203.73	-16026.12	0.00	31
	166.00	564.42	-44398.92	0.00	14	544.29	-42814.92	0.00	31
632	26.00	141.80	-53122.15	-77.23	14	131.81	-50006.58	-59.34	31
	61.50	94.63	-33680.54	-48.82	14	87.94	-31705.20	-36.87	31
	85.13	63.29	-20739.37	-29.91	14	58.79	-19523.02	-21.92	31
633	26.00	69.93	-16426.81	-11640.13	11	95.06	-23085.76	-11600.10	32
	61.50	51.11	-10414.93	-7783.21	11	70.40	-14636.85	-7757.39	32
	85.13	38.75	-6413.17	-5215.87	11	54.20	-9012.89	-5199.52	32
634	26.00	32.40	2713.48	-11083.33	11	34.19	1942.66	-11060.04	32
	61.50	23.02	1720.40	-7424.74	11	25.30	1231.69	-7409.88	32
	85.13	16.81	1059.37	-4989.42	11	19.48	758.43	-4980.17	32
635	26.00	32.65	3486.65	-10955.49	11	35.70	3876.63	-10942.61	32
	61.50	23.05	2210.61	-7337.80	11	25.99	2457.86	-7329.81	32
	85.13	16.69	1361.22	-4929.71	11	19.60	1513.47	-4924.97	32
636	26.00	33.96	-1994.45	-11120.86	11	39.71	-3470.67	-11118.33	32
	61.50	24.89	-1264.52	-7437.87	11	30.06	-2200.48	-7436.66	32
	85.13	18.94	-778.65	-4986.32	11	23.78	-1354.98	-4985.99	32
637	26.00	32.18	3721.13	-10821.88	11	36.77	5508.18	-10828.41	32
	61.50	22.64	2359.27	-7250.18	11	26.33	3492.30	-7254.96	32
	85.13	16.32	1452.76	-4872.70	11	19.44	2150.44	-4876.32	32
638	26.00	35.47	-2795.71	-11137.09	11	41.01	-4066.48	-11152.34	32
	61.50	26.01	-1772.53	-7448.78	11	31.02	-2578.23	-7459.34	32
	85.13	19.79	-1091.47	-4993.69	11	24.51	-1587.59	-5001.11	32
639	26.00	31.71	-1159.62	-11066.20	11	34.26	-1048.62	-11090.94	32
	61.50	23.13	-735.22	-7412.47	11	25.78	-664.85	-7429.29	32
	85.13	17.48	-452.73	-4980.39	11	20.26	-409.39	-4991.93	32
640	26.00	34.18	-2366.36	-11152.63	11	37.47	-2604.04	-11186.59	32
	61.50	24.94	-1500.32	-7471.41	11	28.17	-1651.01	-7494.34	32
	85.13	18.85	-923.85	-5021.03	11	22.09	-1016.64	-5036.63	32
641	26.00	65.44	49174.86	301.84	14	80.61	-17945.12	-11849.93	32
	61.50	41.52	-6910.02	-7892.56	11	60.43	-11377.57	-7924.69	32
	85.13	31.77	-4254.96	-5290.24	11	47.21	-7005.94	-5311.89	32
642	26.00	141.57	-52959.04	323.46	14	131.51	-49834.44	290.39	31
	61.50	94.39	-33577.13	209.70	14	87.65	-31596.06	187.90	31
	85.13	63.04	-20675.69	133.97	14	58.51	-19455.82	119.68	31
654	40.00	41.14	14062.34	0.00	13	44.08	15066.07	0.00	34
	200.00	155.29	53075.11	0.00	14	151.36	51731.95	0.00	31
	360.00	77.34	26434.58	0.00	14	75.97	25964.42	0.00	31
655	44.00	13.71	-4686.75	0.00	14	13.22	-4519.17	0.00	31
	220.00	31.25	10681.13	0.00	14	29.55	10099.72	0.00	31
	396.00	20.10	6870.97	0.00	13	23.56	8054.19	0.00	34
656	28.00	24.33	-8314.04	0.00	14	23.17	-7920.78	0.00	31
	140.00	2.03	-700.47	0.00	13	2.39	-824.22	0.00	34
	252.00	25.18	-8607.28	0.00	14	24.08	-8231.69	0.00	31
657	44.00	12.54	4285.89	0.00	13	13.60	4648.36	0.00	34
	220.00	40.33	13785.04	0.00	14	38.47	13150.06	0.00	31
	396.00	11.80	-4032.60	0.00	14	11.24	-3840.28	0.00	31
658	35.00	84.43	-28857.64	0.00	14	81.33	-27798.29	0.00	31
	175.00	27.75	9483.21	0.00	14	26.54	9071.27	0.00	31
	315.00	15.66	5351.84	0.00	13	17.18	5870.58	0.00	34
659	35.00	15.68	5358.52	0.00	11	17.19	5874.35	0.00	32
	175.00	27.75	9485.04	0.00	14	26.55	9073.04	0.00	31

	315.00	84.44	-28859.16	0.00	14	81.34	-27799.76	0.00	31
660	44.00	11.96	-4088.72	0.00	14	11.39	-3894.34	0.00	31
	220.00	40.29	13772.33	0.00	14	38.44	13137.71	0.00	31
	396.00	12.55	4288.90	0.00	11	13.60	4648.66	0.00	32
661	28.00	24.75	-8457.73	0.00	14	23.66	-8086.00	0.00	31
	140.00	2.29	-789.21	0.00	11	2.65	-914.18	0.00	32
	252.00	24.48	-8366.72	0.00	14	23.32	-7971.35	0.00	31
662	44.00	23.75	8116.95	0.00	11	27.27	9318.92	0.00	32
	220.00	31.75	10853.30	0.00	14	30.04	10268.73	0.00	31
	396.00	13.15	-4495.84	0.00	14	12.68	-4332.65	0.00	31
663	40.00	77.19	26384.14	0.00	14	75.80	25906.04	0.00	31
	200.00	154.87	52931.63	0.00	14	150.88	51569.65	0.00	31
	360.00	45.31	15484.82	0.00	11	48.27	16499.66	0.00	32
664	40.00	99.75	-34289.10	0.00	14	94.06	-32334.93	0.00	31
	200.00	212.94	73189.92	0.00	11	218.04	74944.30	0.00	32
	360.00	130.42	44829.01	0.00	11	132.53	45553.75	0.00	32
665	44.00	58.06	-19957.27	0.00	12	57.32	-19704.10	0.00	33
	220.00	119.94	41231.78	0.00	14	116.95	40201.91	0.00	31
	396.00	98.47	-33849.57	0.00	14	94.19	-32378.52	0.00	31
666	28.00	89.13	-30639.35	0.00	12	85.95	-29548.04	0.00	33
	140.00	10.18	3498.98	0.00	14	9.77	3359.64	0.00	31
	252.00	86.62	-29776.93	0.00	14	85.22	-29296.45	0.00	31
667	44.00	67.32	-23140.95	0.00	12	63.87	-21955.51	0.00	29
	220.00	119.88	41211.87	0.00	14	117.58	40419.87	0.00	31
	396.00	37.94	-13041.32	0.00	14	37.47	-12880.12	0.00	31
668	35.00	58.84	-20226.47	0.00	12	58.49	-20106.79	0.00	33
	175.00	59.51	20458.99	0.00	14	58.35	20059.41	0.00	31
	315.00	86.39	-29698.15	0.00	14	84.17	-28933.35	0.00	31
669	35.00	86.20	-29633.44	0.00	12	83.50	-28703.24	0.00	29
	175.00	59.63	20498.48	0.00	14	58.46	20096.74	0.00	31
	315.00	44.55	-15314.99	0.00	14	44.39	-15260.29	0.00	31
670	44.00	51.86	-17826.96	0.00	12	50.34	-17303.83	0.00	33
	220.00	119.46	41066.10	0.00	14	117.18	40283.56	0.00	31
	396.00	61.73	-21220.05	0.00	14	60.08	-20654.38	0.00	31
671	28.00	87.93	-30228.75	0.00	12	85.07	-29243.19	0.00	33
	140.00	10.20	3506.48	0.00	14	9.79	3365.10	0.00	31
	252.00	84.57	-29071.45	0.00	14	83.12	-28573.49	0.00	31
672	44.00	100.01	-34379.18	0.00	14	95.58	-32855.98	0.00	31
	220.00	119.67	41139.76	0.00	14	116.68	40109.61	0.00	31
	396.00	37.03	-12730.76	0.00	14	36.95	-12702.77	0.00	31
673	40.00	98.33	33802.83	0.00	13	100.33	34489.42	0.00	34
	200.00	205.40	70600.76	0.00	13	210.51	72354.86	0.00	34
	360.00	101.00	-34721.39	0.00	14	95.16	-32713.52	0.00	31
2422	40.00	204.21	12154.74	-0.00	14	206.82	12309.91	-0.00	31
	200.00	196.63	-11703.33	0.00	26	196.97	-11723.59	0.00	31
	360.00	274.77	16354.04	0.00	11	272.20	16201.11	0.00	32
2423	44.00	146.23	8703.29	-0.00	13	146.17	8699.73	-0.00	34
	220.00	219.09	-13040.12	-0.00	25	218.69	-13016.48	-0.00	34
	396.00	355.68	21169.83	0.00	12	356.10	21194.81	0.00	33
2424	28.00	124.66	7419.79	0.00	26	124.34	7400.85	0.00	31
	140.00	38.84	-2311.56	0.00	11	38.96	-2319.08	0.00	32
	252.00	339.04	20179.62	0.00	12	338.91	20171.87	0.00	33
2425	44.00	173.51	10326.97	-0.00	13	173.55	10329.38	-0.00	34
	220.00	229.37	-13651.98	-0.00	12	229.30	-13648.09	-0.00	33

	396.00	305.20	18165.57	-0.00	11	305.29	18170.94	-0.00	32
2426	35.00	119.59	7117.93	0.00	25	119.19	7094.36	0.00	34
	175.00	117.20	-6975.92	-0.00	13	117.24	-6977.95	-0.00	34
	315.00	334.69	19920.66	-0.00	12	334.52	19910.62	-0.00	33
2427	35.00	141.64	8430.49	-0.00	14	141.60	8428.10	-0.00	31
	175.00	120.34	-7162.85	-0.00	11	120.38	-7164.81	-0.00	32
	315.00	305.86	18204.70	0.00	11	305.91	18207.62	0.00	32
2428	44.00	154.32	9185.00	-0.00	13	154.45	9192.75	-0.00	34
	220.00	227.20	-13523.11	-0.00	26	227.01	-13511.45	-0.00	31
	396.00	329.51	19612.29	0.00	12	329.51	19612.18	0.00	33
2429	28.00	116.28	6920.89	0.00	25	115.78	6890.94	0.00	34
	140.00	38.78	-2308.05	0.00	13	38.90	-2315.55	0.00	34
	252.00	347.42	20678.23	0.00	12	347.23	20667.18	0.00	33
2430	44.00	199.31	11862.62	0.00	14	199.94	11900.39	0.00	31
	220.00	221.63	-13191.55	-0.00	11	221.45	-13180.77	-0.00	32
	396.00	297.54	17709.36	-0.00	11	297.44	17703.37	-0.00	32
2431	40.00	161.13	-9590.29	0.00	12	163.64	-9739.66	0.00	33
	200.00	208.49	-12409.45	0.00	12	208.78	-12426.68	0.00	33
	360.00	389.31	23171.39	-0.00	12	391.24	23286.30	-0.00	33
2432	40.00	220.65	13132.84	0.00	14	221.87	13205.79	0.00	31
	200.00	195.18	-11617.22	0.00	14	195.39	-11629.55	0.00	31
	360.00	264.97	15771.16	0.00	11	264.62	15750.36	0.00	32
2433	44.00	141.61	8428.60	-0.00	13	142.51	8482.10	-0.00	34
	220.00	218.06	-12978.77	-0.00	26	217.81	-12963.71	-0.00	31
	396.00	372.82	22190.10	0.00	12	372.26	22156.93	0.00	33
2434	28.00	121.64	7240.02	0.00	26	121.39	7224.97	0.00	31
	140.00	41.18	-2450.93	0.00	11	41.48	-2469.16	0.00	32
	252.00	346.29	20610.80	0.00	12	345.85	20585.05	0.00	33
2435	44.00	178.38	10616.93	-0.00	14	178.37	10616.31	-0.00	31
	220.00	228.94	-13626.28	-0.00	12	228.76	-13615.52	-0.00	33
	396.00	307.28	18289.36	0.00	11	307.67	18312.16	0.00	32
2436	40.00	215.41	12820.86	0.00	27	215.47	12824.82	0.00	31
	200.00	194.04	-11548.90	0.00	14	194.30	-11564.90	0.00	31
	360.00	269.91	16064.79	0.00	11	267.79	15938.66	0.00	32
2437	44.00	142.62	8488.80	-0.00	13	143.37	8533.52	-0.00	34
	220.00	218.07	-12979.17	-0.00	14	217.88	-12968.18	-0.00	31
	396.00	375.77	22365.44	0.00	12	375.47	22348.03	0.00	33
2438	28.00	121.31	7220.46	0.00	14	121.19	7212.92	0.00	31
	140.00	41.64	-2478.44	0.00	11	41.92	-2495.30	0.00	32
	252.00	352.22	20963.82	0.00	12	351.93	20946.86	0.00	33
2439	44.00	179.13	10661.93	-0.00	13	179.14	10662.28	-0.00	34
	220.00	228.70	-13611.91	-0.00	12	228.52	-13601.49	-0.00	33
	396.00	311.61	18546.97	-0.00	11	311.96	18567.45	-0.00	32
2440	35.00	111.09	6611.75	0.00	14	110.79	6594.46	0.00	31
	175.00	117.98	-7022.21	-0.00	13	118.08	-7028.08	-0.00	34
	315.00	354.78	21116.11	-0.00	11	355.09	21135.00	-0.00	32
2441	35.00	107.72	6411.62	0.00	13	108.05	6431.31	0.00	34
	175.00	117.86	-7014.81	-0.00	13	117.94	-7019.72	-0.00	34
	315.00	352.08	20955.41	-0.00	12	351.58	20925.89	-0.00	33
2442	35.00	154.32	9185.06	-0.00	14	154.14	9174.27	-0.00	31
	175.00	121.07	-7205.79	-0.00	11	121.15	-7210.53	-0.00	32
	315.00	299.76	17841.54	0.00	11	300.03	17857.63	0.00	32
2443	44.00	151.92	9042.18	-0.00	13	152.29	9064.52	-0.00	34
	220.00	226.82	-13500.09	-0.00	14	226.75	-13495.83	-0.00	31

	396.00	338.79	20164.71	-0.00	12	338.77	20163.44	-0.00	33
2444	28.00	116.29	6921.24	0.00	14	116.16	6913.53	0.00	31
	140.00	41.10	-2446.36	0.00	13	41.41	-2464.48	0.00	34
	252.00	351.74	20935.20	0.00	12	351.40	20915.28	0.00	33
2445	44.00	213.79	12724.85	0.00	14	213.89	12730.58	0.00	31
	220.00	220.96	-13151.30	-0.00	12	220.78	-13140.95	-0.00	33
	396.00	298.31	17755.46	-0.00	11	299.26	17811.78	-0.00	32
2446	40.00	172.13	-10245.02	0.00	12	172.38	-10259.83	0.00	33
	200.00	206.58	-12295.29	0.00	12	206.55	-12293.62	0.00	33
	360.00	404.14	24054.45	0.00	12	404.45	24072.59	0.00	33
2447	35.00	150.35	8948.71	-0.00	13	150.73	8971.67	-0.00	34
	175.00	121.26	-7217.51	-0.00	11	121.36	-7223.31	-0.00	32
	315.00	308.35	18352.62	0.00	12	307.77	18318.08	0.00	33
2448	44.00	151.63	9025.08	-0.00	13	152.03	9048.48	-0.00	34
	220.00	226.52	-13482.46	-0.00	14	226.45	-13478.21	-0.00	31
	396.00	344.47	20502.65	-0.00	12	344.42	20499.98	-0.00	33
2449	28.00	122.48	-7289.77	0.00	11	122.68	-7301.58	0.00	32
	140.00	41.56	-2473.72	0.00	13	41.84	-2490.51	0.00	34
	252.00	357.78	21295.04	0.00	12	357.42	21273.26	0.00	33
2450	44.00	210.80	12546.98	0.00	14	211.05	12561.73	0.00	31
	220.00	220.84	-13144.39	-0.00	12	220.61	-13130.62	-0.00	33
	396.00	303.54	18066.65	-0.00	11	304.26	18109.13	-0.00	32
2451	40.00	176.64	-10513.37	0.00	12	178.68	-10635.25	0.00	33
	200.00	206.21	-12273.27	0.00	12	206.30	-12278.76	0.00	33
	360.00	409.39	24366.83	0.00	12	411.26	24477.72	0.00	33
2452	43.60	699.51	101566.78	-0.00	26	658.55	95620.58	-0.00	31
	218.00	885.81	-128617.68	0.00	25	810.68	-117708.58	0.00	34
	392.40	74.37	-10798.33	-0.00	14	74.05	-10752.17	-0.00	31
2453	30.40	65.45	-9503.34	0.00	14	65.51	-9511.26	-0.00	31
	152.00	265.04	-38483.19	0.00	23	246.93	-35853.48	0.00	32
	273.60	710.76	103200.63	-0.00	26	670.29	97324.39	-0.00	31
2454	43.60	1203.27	174712.46	0.00	26	1111.15	161336.58	0.00	31
	218.00	1634.10	-237266.79	0.00	25	1478.63	-214693.49	0.00	34
	392.40	114.66	16648.87	-0.00	11	118.09	17146.22	-0.00	32
2455	30.40	93.12	-13520.89	-0.00	14	94.42	-13710.11	-0.00	31
	152.00	523.73	-76045.05	0.00	23	477.72	-69364.20	0.00	32
	273.60	1250.06	181506.42	0.00	26	1156.65	167942.81	0.00	31
2456	43.60	1082.20	157133.45	-0.00	26	1005.61	146012.54	-0.00	31
	218.00	1439.76	-209049.48	-0.00	25	1305.86	-189607.91	-0.00	34
	392.40	58.07	8431.40	0.00	11	62.32	9048.89	0.00	32
2457	30.40	112.48	-16332.00	0.00	14	113.34	-16456.99	-0.00	31
	152.00	451.41	-65544.28	0.00	23	413.36	-60018.78	0.00	32
	273.60	1132.92	164496.88	-0.00	26	1054.95	153176.72	-0.00	31
2458	43.60	1073.63	155888.80	0.00	26	997.26	144800.50	0.00	31
	218.00	1424.63	-206852.94	-0.00	25	1290.82	-187423.59	-0.00	34
	392.40	54.54	7918.70	0.00	11	58.90	8552.38	0.00	32
2459	30.40	112.93	-16397.67	-0.00	14	113.82	-16525.90	-0.00	31
	152.00	446.11	-64774.47	0.00	23	408.00	-59240.81	0.00	32
	273.60	1123.29	163098.95	-0.00	26	1045.62	151821.26	-0.00	31
2460	43.60	1158.96	168277.81	-0.00	26	1073.97	155937.46	-0.00	31
	218.00	1554.61	-225725.46	0.00	25	1408.01	-204439.84	0.00	34
	392.40	81.92	11894.92	0.00	11	86.17	12512.32	0.00	32
2461	30.40	105.90	-15376.65	0.00	14	107.00	-15535.55	0.00	31
	152.00	492.13	-71456.79	0.00	23	449.53	-65270.54	0.00	32

	273.60	1208.58	175483.23	0.00	26	1122.03	162916.11	-0.00	31
2462	43.60	981.28	142479.04	0.00	26	907.10	131708.78	0.00	31
	218.00	1291.92	-187583.35	0.00	25	1161.03	-168578.68	0.00	34
	392.40	57.23	-8309.90	0.00	14	58.23	-8455.41	0.00	31
2463	30.40	99.61	-14463.64	-0.00	14	101.26	-14703.26	-0.00	31
	152.00	396.76	-57608.51	0.00	23	360.34	-52320.64	0.00	32
	273.60	1024.14	148703.56	0.00	26	948.38	137702.16	0.00	31
2464	43.60	1159.07	168294.45	-0.00	26	1074.10	155957.19	-0.00	31
	218.00	1554.80	-225753.12	-0.00	23	1408.33	-204485.65	-0.00	32
	392.40	79.95	11607.87	0.00	13	84.22	12228.68	0.00	34
2465	30.40	105.88	-15373.56	0.00	14	106.98	-15532.74	0.00	31
	152.00	491.91	-71424.23	0.00	25	449.17	-65218.44	0.00	34
	273.60	1208.62	175488.54	-0.00	26	1122.07	162922.08	-0.00	31
2466	43.60	1073.62	155886.74	-0.00	26	997.25	144798.58	-0.00	31
	218.00	1425.09	-206920.28	0.00	23	1291.58	-187533.91	0.00	32
	392.40	49.57	7197.07	-0.00	13	53.94	7831.97	-0.00	34
2467	30.40	120.48	-16377.32	-0.00	14	121.44	-16506.69	-0.00	31
	152.00	475.99	-64700.76	0.00	25	434.92	-59118.33	0.00	34
	273.60	1143.46	163084.00	-0.00	26	1064.37	151803.84	-0.00	31
2468	43.60	1082.47	157172.21	-0.00	26	1005.93	146058.68	-0.00	31
	218.00	1440.32	-209130.80	-0.00	23	1306.78	-189742.04	-0.00	32
	392.40	51.67	7501.70	-0.00	13	55.98	8127.58	-0.00	34
2469	30.40	112.36	-16314.72	0.00	14	113.23	-16440.86	0.00	31
	152.00	450.69	-65439.93	0.00	25	412.20	-59850.29	0.00	34
	273.60	1132.95	164501.99	0.00	26	1054.99	153182.29	0.00	31
2470	43.60	1204.01	174696.09	-0.00	26	1111.81	161317.89	-0.00	31
	218.00	1638.57	-237372.40	0.00	23	1483.20	-214863.94	0.00	32
	392.40	105.30	15279.03	0.00	13	108.73	15776.46	0.00	34
2471	30.40	98.97	-13452.76	-0.00	14	100.39	-13645.38	-0.00	31
	152.00	558.36	-75896.87	0.00	25	508.48	-69117.33	0.00	34
	273.60	1272.23	181450.40	0.00	26	1177.07	167878.21	0.00	31
2472	43.60	731.32	101589.16	-0.00	26	688.54	95647.58	0.00	31
	218.00	927.11	-128787.42	-0.00	23	849.35	-117985.82	-0.00	32
	392.40	78.11	-10850.40	-0.00	14	77.75	-10801.13	-0.00	31
2473	30.40	65.20	-9427.15	0.00	14	65.28	-9439.25	0.00	31
	152.00	265.61	-38406.29	0.00	25	247.10	-35730.07	0.00	34
	273.60	712.84	103154.85	-0.00	26	672.17	97270.57	-0.00	31
2474	43.50	115.28	-13012.77	-24559.08	11	115.28	-13556.29	-24449.86	32
	211.50	87.87	7194.36	9390.85	14	86.65	7286.14	9528.56	31
	380.70	175.24	26420.40	21608.07	11	197.91	27029.92	21528.10	32
2475	43.50	143.52	-21440.25	11226.93	26	142.20	-17133.03	-18050.24	32
	211.50	118.76	10920.20	11459.25	26	112.13	10039.40	11652.66	31
	380.70	196.50	42239.13	17954.01	23	190.11	37373.56	21837.05	32
2476	42.30	238.34	-24775.17	-31832.93	12	238.28	-24843.13	-31790.52	33
	211.50	180.15	19515.69	-3421.76	24	169.89	17692.13	-5996.31	33
	380.70	290.63	68330.64	12600.18	23	280.68	61174.70	20003.53	32
2477	43.50	157.09	-8018.58	-33299.29	12	153.66	-17690.35	-32811.59	32
	211.50	120.13	15417.40	210.91	14	117.95	15607.07	193.05	31
	380.70	231.27	46173.43	19385.42	11	262.61	46754.64	19251.51	32
2478	42.30	222.37	-22743.01	-32551.48	12	222.41	-22859.44	-32534.93	33
	211.50	169.36	17710.24	-7745.98	24	160.62	16071.02	-9876.87	33
	380.70	255.43	63189.48	-7904.14	25	242.12	56208.85	12782.53	32
2479	42.30	218.63	-23882.00	-31739.83	11	218.74	-23996.33	-31757.33	32
	211.50	161.66	17468.72	4517.98	26	148.63	15771.28	4404.84	31

	380.70	280.20	62023.92	20526.51	23	277.48	56005.43	28771.47	32
2480	43.50	176.60	22919.89	-33876.93	11	177.03	23601.00	-34092.07	32
	211.50	220.02	-56077.49	4379.88	26	212.06	-51920.18	4395.69	31
	380.70	673.25	-119979.54	28443.15	11	709.19	-120642.00	28461.89	32
2481	43.50	178.69	11628.84	-33339.15	12	173.31	12280.60	-33081.62	33
	211.50	220.46	-56465.98	-4270.70	26	212.33	-52292.11	-4292.75	31
	380.70	612.37	-121693.39	12111.35	11	646.35	-122338.53	12051.58	32
2482	43.50	201.59	20748.91	-32192.83	12	197.85	32025.95	-32193.74	32
	211.50	228.89	-60310.51	235.40	26	219.44	-55609.39	210.05	31
	380.70	702.96	-136832.11	19048.41	11	736.82	-137362.76	18978.49	32
2483	43.50	117.33	13922.83	-22974.87	11	118.54	14952.00	-23137.04	32
	211.50	161.38	-36237.09	10189.50	26	158.30	-33957.26	10507.03	31
	380.70	422.08	-75658.31	21286.78	11	449.61	-76380.33	21282.98	32
2484	43.50	145.42	-15192.82	-32078.70	11	144.58	-15810.14	-31852.19	32
	211.50	117.55	14527.52	-4101.53	14	115.40	14704.30	-4064.70	31
	380.70	189.45	41228.27	12496.02	11	220.53	41966.02	12451.55	32
2485	43.50	153.83	-15381.14	-35107.38	11	158.85	-16010.92	-35315.13	32
	211.50	117.47	14433.83	4205.59	14	115.32	14611.49	4168.48	31
	380.70	266.60	40995.33	28977.09	11	300.01	41742.12	29004.08	32
2486	42.30	231.65	-25226.28	-30722.90	12	231.65	-25324.67	-30705.18	33
	211.50	178.02	18816.30	-6324.66	24	168.42	17028.97	-8750.42	33
	380.70	267.24	67062.84	-5705.98	25	259.58	60499.38	13247.70	32
2487	43.50	159.58	5380.74	-32711.10	12	157.81	18605.81	-32672.10	32
	211.50	197.42	-52332.80	-5.43	26	190.19	-48273.66	-6.31	31
	380.70	583.41	-107721.82	20065.96	11	618.78	-108377.92	20062.30	32
2488	43.50	151.90	-6985.23	-31768.14	12	149.79	-18116.10	-31235.11	32
	211.50	122.78	15095.95	-2394.55	14	120.48	15291.63	-2379.97	31
	380.70	207.07	44976.98	13097.01	11	240.91	45680.58	13116.92	32
2489	42.30	209.54	-22542.15	-32116.74	12	209.57	-22624.35	-32112.21	33
	211.50	146.35	16254.21	-3432.25	24	137.80	14602.84	-5717.57	33
	380.70	245.52	58394.66	12401.64	23	243.36	52646.13	20658.43	32
2490	43.50	188.06	14571.70	-31660.73	12	182.20	15221.93	-31522.89	33
	211.50	230.21	-59268.46	-2630.01	26	221.75	-54764.39	-2641.37	31
	380.70	650.13	-129930.39	12754.64	11	686.88	-130576.76	12735.50	32
2491	43.50	187.68	13813.55	-32518.50	12	185.13	26677.40	-33452.92	32
	211.50	244.49	-59272.38	2621.95	26	234.65	-54769.08	2632.08	31
	380.70	913.82	-129409.79	23873.71	11	969.91	-130059.13	23888.62	32
2492	43.50	153.24	-16938.65	-33534.88	11	160.07	-17146.48	-33529.45	32
	211.50	99.89	11595.56	-8.08	14	97.99	11842.45	-7.65	31
	380.70	221.93	38414.40	20538.29	11	253.13	38990.57	20534.99	32
2493	42.30	235.64	-27046.96	-32228.70	11	235.70	-27143.30	-32237.68	32
	211.50	170.96	18769.30	2586.61	26	157.94	16986.13	-3754.01	33
	380.70	292.97	67329.93	17062.72	23	287.47	61388.82	24582.24	32
2494	43.50	161.93	-18474.35	-34523.74	11	161.57	-18992.64	-34575.05	32
	211.50	122.77	15094.42	2377.56	14	120.46	15290.20	2363.89	31
	380.70	259.49	45620.82	24394.68	11	294.48	46323.80	24369.00	32
2495	43.50	172.06	8480.07	-32859.71	12	166.48	9164.77	-32632.54	33
	211.50	219.92	-56082.78	-4390.54	26	211.94	-51926.52	-4408.08	31
	380.70	592.39	-118662.53	11709.60	11	626.99	-119326.48	11682.20	32
2496	42.30	226.06	-25038.63	-32597.72	12	226.08	-25149.49	-32571.01	33
	211.50	168.27	17484.61	-7911.89	24	159.45	15811.19	-10043.27	33
	380.70	253.80	62610.03	-8128.31	25	245.02	57945.53	12525.19	32
2497	43.50	149.99	-16996.45	-31919.23	11	149.36	-17622.92	-31700.63	32
	211.50	117.46	14431.46	-4221.72	14	115.31	14609.27	-4183.74	31

	380.70	194.47	42275.54	12105.64	11	225.73	43019.75	12072.09	32
2498	43.50	172.29	21250.43	-33826.79	11	172.56	21912.48	-34075.58	32
	211.50	220.70	-56474.35	4263.23	26	212.63	-52302.06	4284.19	31
	380.70	667.56	-119975.13	28152.72	11	703.15	-120627.47	28205.83	32
2499	42.30	225.10	-26597.06	-31790.25	11	225.19	-26707.39	-31797.64	32
	211.50	162.61	17640.76	4345.49	26	149.53	15940.53	4224.15	31
	380.70	285.33	63996.69	20319.55	23	285.13	58889.74	28573.52	32
2500	43.50	160.28	-17652.67	-35048.35	11	165.87	-18265.67	-35264.88	32
	211.50	117.55	14521.56	4086.27	14	115.40	14698.66	4050.27	31
	380.70	275.34	43046.99	28686.78	11	308.70	43782.02	28725.38	32
2501	43.50	195.77	17125.60	-31278.64	12	190.40	17602.18	-31309.08	33
	211.50	229.67	-59976.59	-4448.09	24	219.34	-55275.90	-4423.90	29
	380.70	661.99	-134290.10	16788.45	11	695.78	-134821.13	16854.68	32
2502	42.30	245.08	-28812.58	-30984.44	12	245.16	-28873.02	-31018.17	33
	211.50	181.71	19420.04	-4152.11	24	171.34	17532.43	-6620.12	33
	380.70	290.24	70546.94	9937.62	23	284.45	64842.72	17540.77	32
2503	43.50	164.02	-11271.56	-32193.55	12	162.98	-20869.83	-32616.19	32
	211.50	119.95	15408.69	-227.96	14	117.78	15598.78	-209.16	31
	380.70	225.84	48517.50	17600.72	11	257.51	49090.63	17730.33	32
2504	43.50	129.28	498.54	-34057.85	12	128.55	12716.98	-29626.60	32
	211.50	165.43	-33115.84	-18360.99	12	162.42	-32957.60	-18274.22	33
	380.70	398.62	-74801.15	-12206.98	13	426.07	-75530.10	-12210.24	34
2505	43.50	195.81	-22222.04	-37163.19	12	197.39	-22266.17	-37777.41	33
	211.50	134.96	10758.65	-16262.48	24	133.28	9756.40	-19558.66	33
	380.70	192.50	43582.26	-11674.76	26	177.63	39641.61	-11556.81	1
2506	43.50	157.92	-18622.43	-30643.34	11	178.88	-19153.41	-30746.20	32
	211.50	91.08	6564.36	-17982.14	12	88.21	6903.32	-14689.68	29
	380.70	154.67	28560.38	-12128.53	13	177.14	29159.92	-12049.60	34
2530	39.40	38.85	-3055.91	0.00	14	35.73	-2810.53	0.00	31
	197.00	313.52	-24662.13	0.00	14	310.00	-24385.00	0.00	31
	354.60	113.02	8890.77	0.00	26	107.81	8480.96	0.00	31
2531	39.40	60.89	-4789.39	0.00	14	58.91	-4633.65	0.00	31
	197.00	303.72	-23891.43	0.00	14	303.72	-23891.06	0.00	31
	354.60	238.64	18771.92	0.00	14	231.53	18213.11	0.00	31
2532	39.40	78.78	-6196.98	0.00	14	76.35	-6005.78	0.00	31
	197.00	323.65	-25459.07	0.00	14	323.19	-25423.05	0.00	31
	354.60	274.56	21597.89	0.00	14	266.58	20969.98	0.00	31
2533	39.40	79.28	-6236.04	0.00	14	76.85	-6045.51	0.00	31
	197.00	325.87	-25633.73	0.00	14	325.34	-25592.23	0.00	31
	354.60	273.47	21511.72	0.00	14	265.64	20896.13	0.00	31
2534	39.40	75.06	-5904.64	0.00	14	72.77	-5723.98	0.00	31
	197.00	321.10	-25258.63	0.00	14	320.71	-25228.08	0.00	31
	354.60	268.15	21093.38	0.00	14	260.47	20489.36	0.00	31
2535	39.40	75.72	-5955.96	0.00	14	73.31	-5766.43	0.00	31
	197.00	326.79	-25706.25	0.00	14	326.05	-25647.86	0.00	31
	354.60	258.68	20348.54	0.00	14	251.32	19769.34	0.00	31
2536	39.40	75.09	-5906.65	0.00	14	72.79	-5725.87	0.00	31
	197.00	320.65	-25222.76	0.00	14	320.28	-25194.34	0.00	31
	354.60	269.18	21174.56	0.00	14	261.44	20565.71	0.00	31
2537	39.40	79.33	-6240.17	0.00	14	76.90	-6049.41	0.00	31
	197.00	325.93	-25638.64	0.00	14	325.40	-25597.05	0.00	31
	354.60	273.62	21523.31	0.00	14	265.78	20906.64	0.00	31
2538	39.40	78.79	-6197.60	0.00	14	76.36	-6006.40	0.00	31
	197.00	322.77	-25390.22	0.00	14	322.37	-25358.20	0.00	31

	354.60	276.32	21736.38	0.00	14	268.24	21100.61	0.00	31
2539	39.40	60.80	-4782.30	0.00	14	58.82	-4626.65	0.00	31
	197.00	304.40	-23945.13	0.00	14	304.35	-23940.98	0.00	31
	354.60	236.81	18628.15	0.00	14	229.81	18077.47	0.00	31
2540	39.40	38.65	-3040.50	0.00	14	35.55	-2796.76	0.00	31
	197.00	314.00	-24699.75	0.00	14	310.46	-24421.41	0.00	31
	354.60	111.72	8787.82	0.00	26	106.22	8355.18	0.00	31

Verifica stato limite di esercizio - deformabilità

Elem	Max. Defless. (cm)	Lunghezza (cm)	Ascissa (cm)	Rapporto Lx/	Rapp. Limite	fs	Tipo Comb.	Comb
629	0.0498	187.0000	187.0000	3755.6622	200 >	10.00	Quasi permanente	31
630	0.0571	187.0000	187.0000	3277.0411	200 >	10.00	Quasi permanente	31
631	0.0570	187.0000	187.0000	3280.1043	200 >	10.00	Quasi permanente	31
632	0.0303	123.0000	123.0000	4054.9749	200 >	10.00	Quasi permanente	31
633	0.0160	123.0000	123.0000	7698.5112	200 >	10.00	Quasi permanente	32
634	0.0170	123.0000	123.0000	7249.0954	200 >	10.00	Quasi permanente	31
635	0.0179	123.0000	123.0000	6881.0327	200 >	10.00	Quasi permanente	31
636	0.0167	123.0000	123.0000	7348.2877	200 >	10.00	Quasi permanente	31
637	0.0191	123.0000	123.0000	6441.2783	200 >	10.00	Quasi permanente	31
638	0.0169	123.0000	123.0000	7269.4513	200 >	10.00	Quasi permanente	31
639	0.0178	123.0000	123.0000	6918.7853	200 >	10.00	Quasi permanente	31
640	0.0173	123.0000	123.0000	7089.7610	200 >	10.00	Quasi permanente	31
641	0.0148	123.0000	123.0000	8322.5135	200 >	10.00	Quasi permanente	34
642	0.0302	123.0000	123.0000	4075.1828	200 >	10.00	Quasi permanente	31
654	0.0334	400.0000	278.2609	11980.2730	200 >	10.00	Quasi permanente	31
655	0.0228	440.0000	210.4348	19295.5872	200 >	10.00	Quasi permanente	31
656	0.0198	280.0000	146.0870	14105.8829	200 >	10.00	Quasi permanente	31
657	0.0232	440.0000	210.4348	18948.3367	200 >	10.00	Quasi permanente	31
658	0.0260	350.0000	197.8261	13475.8467	200 >	10.00	Quasi permanente	31
659	0.0255	350.0000	152.1739	13715.6561	200 >	10.00	Quasi permanente	31
660	0.0230	440.0000	229.5652	19113.8567	200 >	10.00	Quasi permanente	31
661	0.0199	280.0000	133.9130	14096.2097	200 >	10.00	Quasi permanente	31
662	0.0228	440.0000	229.5652	19276.7998	200 >	10.00	Quasi permanente	31
663	0.0370	400.0000	139.1304	10801.1211	200 >	10.00	Quasi permanente	31
664	0.0409	400.0000	243.4783	9788.8833	200 >	10.00	Quasi permanente	31
665	0.0445	440.0000	210.4348	9883.9148	200 >	10.00	Quasi permanente	31
666	0.0292	280.0000	146.0870	9586.4328	200 >	10.00	Quasi permanente	31
667	0.0415	440.0000	229.5652	10601.0856	200 >	10.00	Quasi permanente	31
668	0.0327	350.0000	167.3913	10711.5966	200 >	10.00	Quasi permanente	31
669	0.0324	350.0000	182.6087	10796.6670	200 >	10.00	Quasi permanente	31
670	0.0418	440.0000	210.4348	10514.7891	200 >	10.00	Quasi permanente	31
671	0.0292	280.0000	133.9130	9585.4660	200 >	10.00	Quasi permanente	31
672	0.0439	440.0000	229.5652	10033.8251	200 >	10.00	Quasi permanente	31
673	0.0432	400.0000	156.5217	9257.4584	200 >	10.00	Quasi permanente	31
2422	0.0573	400.0000	17.3913	6980.6964	200 >	10.00	Frequente	8
2423	0.0568	440.0000	420.8696	7749.8103	200 >	10.00	Quasi permanente	33
2424	0.0557	280.0000	255.6522	5022.7117	200 >	10.00	Quasi permanente	33
2425	0.0547	440.0000	0.0000	8050.4900	200 >	10.00	Frequente	8
2426	0.0580	350.0000	319.5652	6039.3397	200 >	10.00	Quasi permanente	33
2427	0.0547	350.0000	0.0000	6392.7463	200 >	10.00	Frequente	8
2428	0.0571	440.0000	420.8696	7705.0252	200 >	10.00	Quasi permanente	33
2429	0.0577	280.0000	243.4783	4854.2949	200 >	10.00	Quasi permanente	33
2430	0.0597	440.0000	191.3043	7365.0371	200 >	10.00	Quasi permanente	33
2431	0.0647	400.0000	365.2174	6178.8907	200 >	10.00	Quasi permanente	33
2432	0.0772	400.0000	400.0000	5181.7767	200 >	10.00	Quasi permanente	31
2433	0.0744	440.0000	0.0000	5917.2234	200 >	10.00	Quasi permanente	31
2434	0.0746	280.0000	0.0000	3753.0233	200 >	10.00	Quasi permanente	31
2435	0.0747	440.0000	440.0000	5891.8734	200 >	10.00	Quasi permanente	31
2436	0.0668	400.0000	400.0000	5983.5600	200 >	10.00	Quasi permanente	31
2437	0.0651	440.0000	0.0000	6754.4249	200 >	10.00	Quasi permanente	31
2438	0.0652	280.0000	280.0000	4291.3957	200 >	10.00	Quasi permanente	31
2439	0.0653	440.0000	440.0000	6740.7918	200 >	10.00	Quasi permanente	31

2440	0.0641	350.0000	350.0000	5458.7139	200 > 10.00 Quasi permanente	31
2441	0.0739	350.0000	334.7826	4734.4555	200 > 10.00 Quasi permanente	31
2442	0.0741	350.0000	15.2174	4722.3738	200 > 10.00 Quasi permanente	31
2443	0.0745	440.0000	0.0000	5903.5025	200 > 10.00 Quasi permanente	31
2444	0.0747	280.0000	280.0000	3750.1691	200 > 10.00 Quasi permanente	31
2445	0.0746	440.0000	440.0000	5899.6316	200 > 10.00 Quasi permanente	31
2446	0.0772	400.0000	0.0000	5182.7829	200 > 10.00 Quasi permanente	31
2447	0.0641	350.0000	15.2174	5460.5071	200 > 10.00 Quasi permanente	31
2448	0.0652	440.0000	0.0000	6751.9819	200 > 10.00 Quasi permanente	31
2449	0.0653	280.0000	280.0000	4288.8405	200 > 10.00 Quasi permanente	31
2450	0.0662	440.0000	191.3043	6649.0788	200 > 10.00 Quasi permanente	32
2451	0.0667	400.0000	0.0000	5993.8904	200 > 10.00 Quasi permanente	31
2452	0.1006	436.0000	436.0000	4335.1001	200 > 10.00 Quasi permanente	33
2453	0.0957	304.0000	0.0000	3178.1667	200 > 10.00 Quasi permanente	33
2454	0.2383	436.0000	246.4348	1829.3296	200 9.1466 Quasi permanente	32
2455	0.0928	304.0000	290.7826	3274.4645	200 > 10.00 Quasi permanente	33
2456	0.1981	436.0000	246.4348	2201.0020	200 > 10.00 Quasi permanente	32
2457	0.0929	304.0000	0.0000	3272.9490	200 > 10.00 Quasi permanente	33
2458	0.1958	436.0000	246.4348	2226.7581	200 > 10.00 Quasi permanente	32
2459	0.0925	304.0000	0.0000	3287.4169	200 > 10.00 Quasi permanente	33
2460	0.2212	436.0000	246.4348	1970.7877	200 9.8539 Quasi permanente	32
2461	0.0930	304.0000	290.7826	3268.6206	200 > 10.00 Quasi permanente	33
2462	0.1682	436.0000	246.4348	2591.3981	200 > 10.00 Quasi permanente	32
2463	0.0912	304.0000	0.0000	3332.9065	200 > 10.00 Quasi permanente	33
2464	0.2215	436.0000	246.4348	1968.4279	200 9.8421 Quasi permanente	32
2465	0.0928	304.0000	290.7826	3277.4784	200 > 10.00 Quasi permanente	33
2466	0.1949	436.0000	246.4348	2236.6663	200 > 10.00 Quasi permanente	32
2467	0.0930	304.0000	0.0000	3269.3365	200 > 10.00 Quasi permanente	33
2468	0.1985	436.0000	246.4348	2196.8263	200 > 10.00 Quasi permanente	32
2469	0.0926	304.0000	0.0000	3283.1342	200 > 10.00 Quasi permanente	33
2470	0.2377	436.0000	246.4348	1834.5162	200 9.1726 Quasi permanente	32
2471	0.0933	304.0000	290.7826	3259.0095	200 > 10.00 Quasi permanente	33
2472	0.1016	436.0000	246.4348	4291.1202	200 > 10.00 Quasi permanente	32
2473	0.0935	304.0000	0.0000	3252.4141	200 > 10.00 Quasi permanente	33
2474	0.6130	423.0000	239.0870	690.0485	200 3.4502 Quasi permanente	32
2475	0.0768	423.0000	423.0000	5505.8324	200 > 10.00 Quasi permanente	33
2476	0.0771	423.0000	423.0000	5489.5803	200 > 10.00 Quasi permanente	33
2477	0.5807	423.0000	239.0870	728.4688	200 3.6423 Quasi permanente	32
2478	0.0773	423.0000	423.0000	5470.6033	200 > 10.00 Quasi permanente	33
2479	0.0775	423.0000	423.0000	5457.9439	200 > 10.00 Quasi permanente	33
2480	0.1817	423.0000	294.2609	2328.2884	200 > 10.00 Quasi permanente	32
2481	0.0905	423.0000	349.4348	4674.7936	200 > 10.00 Quasi permanente	32
2482	0.1435	423.0000	312.6522	2948.2307	200 > 10.00 Quasi permanente	32
2483	0.0780	423.0000	386.2174	5423.9679	200 > 10.00 Quasi permanente	32
2484	0.7363	423.0000	220.6957	574.5244	200 2.8726 Quasi permanente	32
2485	1.9294	423.0000	220.6957	219.2385	200 1.0962 Quasi permanente	32
2486	0.0778	423.0000	423.0000	5437.1627	200 > 10.00 Quasi permanente	33
2487	0.1339	423.0000	312.6522	3160.2449	200 > 10.00 Quasi permanente	32
2488	0.5369	423.0000	239.0870	787.8288	200 3.9391 Quasi permanente	32
2489	0.0780	423.0000	423.0000	5419.8806	200 > 10.00 Quasi permanente	33
2490	0.0958	423.0000	349.4348	4413.2064	200 > 10.00 Quasi permanente	32
2491	0.1258	423.0000	331.0435	3363.5146	200 > 10.00 Quasi permanente	32
2492	1.7500	423.0000	220.6957	241.7197	200 1.2086 Quasi permanente	32
2493	0.0783	423.0000	423.0000	5401.9550	200 > 10.00 Quasi permanente	33
2494	1.3899	423.0000	220.6957	304.3379	200 1.5217 Quasi permanente	32
2495	0.0837	423.0000	367.8261	5055.3456	200 > 10.00 Quasi permanente	32
2496	0.0786	423.0000	423.0000	5378.5398	200 > 10.00 Quasi permanente	33
2497	0.7417	423.0000	220.6957	570.2897	200 2.8514 Quasi permanente	32
2498	0.1233	423.0000	331.0435	3430.2538	200 > 10.00 Quasi permanente	32
2499	0.0789	423.0000	423.0000	5363.1469	200 > 10.00 Quasi permanente	33
2500	1.8830	423.0000	220.6957	224.6389	200 1.1232 Quasi permanente	32
2501	0.0844	423.0000	386.2174	5009.4827	200 > 10.00 Quasi permanente	32
2502	0.0792	423.0000	423.0000	5338.2156	200 > 10.00 Quasi permanente	33
2503	0.2440	423.0000	257.4783	1733.7037	200 8.6685 Quasi permanente	32
2504	0.5303	423.0000	239.0870	797.6587	200 3.9883 Quasi permanente	32

2505	0.0796	423.0000	423.0000	5314.7955	200 > 10.00 Quasi permanente	33
2506	1.8058	423.0000	220.6957	234.2514	200 1.1713 Quasi permanente	32
2530	0.0728	394.0000	0.0000	5412.8428	200 > 10.00 Quasi permanente	31
2531	0.0629	394.0000	0.0000	6263.2984	200 > 10.00 Quasi permanente	31
2532	0.0693	394.0000	0.0000	5687.3334	200 > 10.00 Quasi permanente	31
2533	0.0695	394.0000	0.0000	5672.1107	200 > 10.00 Quasi permanente	31
2534	0.0675	394.0000	0.0000	5839.1171	200 > 10.00 Quasi permanente	31
2535	0.0684	394.0000	0.0000	5759.0835	200 > 10.00 Quasi permanente	31
2536	0.0674	394.0000	0.0000	5841.6869	200 > 10.00 Quasi permanente	31
2537	0.0695	394.0000	0.0000	5671.4791	200 > 10.00 Quasi permanente	31
2538	0.0692	394.0000	0.0000	5692.5011	200 > 10.00 Quasi permanente	31
2539	0.0630	394.0000	0.0000	6258.6390	200 > 10.00 Quasi permanente	31
2540	0.0727	394.0000	0.0000	5415.8187	200 > 10.00 Quasi permanente	31

Minimo fattore di sicurezza:

>10.0 >= 1.00

Duttilità di rotazione

Elem	P/T	af (Rad)	Ab (cm)	Lv (cm)	Lp (cm)	My (kgxcm)	Ry (mRad)	Ru (mRad)	Rc (mRad)	Esito
629	T	3.14	60.41	60.41	42.15	310388.64	6.91	12.43	0.33	Verificata
630	T	3.14	55.02	55.02	41.61	310388.64	6.76	11.88	0.37	Verificata
631	T	3.14	54.99	54.99	41.61	310388.64	6.76	11.87	0.37	Verificata
632	P	0.09	123.00	123.00	58.51	1449115.21	5.74	9.64	0.75	Verificata
633	P	-0.10	123.00	123.00	59.09	1451356.60	5.83	9.80	0.62	Verificata
634	P	-0.11	123.00	123.00	59.52	1458589.20	5.90	9.93	0.67	Verificata
635	P	-0.08	123.00	123.00	58.16	1437179.52	5.68	9.53	0.70	Verificata
636	P	0.08	123.00	123.00	57.93	1433535.92	5.64	9.46	0.72	Verificata
637	P	0.07	123.00	123.00	57.80	1435029.31	5.62	9.42	0.73	Verificata
638	P	0.08	123.00	123.00	57.93	1433318.31	5.64	9.46	0.72	Verificata
639	P	0.08	123.00	123.00	58.15	1437001.90	5.68	9.52	0.71	Verificata
640	P	0.09	123.00	123.00	58.44	1441661.62	5.73	9.61	0.68	Verificata
641	P	0.10	123.00	123.00	59.05	1450900.14	5.82	9.79	0.63	Verificata
642	P	-0.09	123.00	123.00	58.43	1448674.49	5.73	9.62	0.78	Verificata
654	T	0.00	393.27	6.73	39.33	1355861.21	14.23	2.64	0.14	Verificata
655	T	0.00	66.86	66.86	45.35	1355861.21	5.21	8.28	0.01	Verificata
656	T	0.00	67.21	67.21	45.38	1355861.21	5.21	8.30	0.01	Verificata
657	T	0.00	40.12	40.12	42.67	1355861.21	5.37	6.79	0.01	Verificata
658	T	0.00	12.86	337.14	72.37	1355861.21	10.51	17.39	0.03	Verificata
659	T	3.14	325.93	325.93	71.25	1366055.99	9.97	16.75	0.03	Verificata
660	T	0.00	400.00	40.00	42.66	2621502.75	5.70	7.15	0.01	Verificata
661	T	0.00	212.67	67.33	45.39	1366055.99	5.12	8.20	0.00	Verificata
662	T	3.14	374.67	65.33	45.19	1366055.99	5.11	8.11	0.01	Verificata
663	T	3.14	6.85	6.85	39.35	1355861.21	14.04	2.47	0.16	Verificata
664	T	3.14	379.89	20.11	40.67	1364266.50	6.79	4.46	0.25	Verificata
665	T	0.00	0.00	440.00	82.66	1364266.50	12.53	20.31	0.03	Verificata
666	T	0.00	78.00	78.00	46.46	1364266.50	5.22	8.69	0.02	Verificata
667	T	0.00	407.02	32.98	41.96	2646421.11	5.83	6.43	0.02	Verificata
668	T	0.00	281.99	68.01	45.46	1371771.35	5.07	8.18	0.01	Verificata
669	T	0.00	68.08	68.08	45.47	1364266.50	5.14	8.26	0.01	Verificata
670	T	0.00	32.64	32.64	41.92	1364266.50	5.59	6.12	0.02	Verificata
671	T	0.00	201.60	78.40	46.50	1371771.35	5.14	8.62	0.02	Verificata
672	T	3.14	440.00	440.00	82.66	1371771.35	12.23	20.03	0.02	Verificata
673	T	3.14	20.73	20.73	40.73	1364266.50	6.69	4.57	0.27	Verificata
2422	T	0.00	224.50	175.50	52.81	233815.21	14.87	27.17	0.34	Verificata
2423	T	3.14	169.80	169.80	52.24	233815.21	14.54	26.70	0.22	Verificata
2424	T	-3.14	130.66	130.66	48.33	233815.21	12.31	23.36	0.21	Verificata
2425	T	-3.14	173.84	173.84	52.64	233815.21	14.77	27.03	0.21	Verificata
2426	T	-0.00	207.84	207.84	56.04	446542.90	20.67	26.78	0.20	Verificata
2427	T	3.14	142.14	207.86	56.05	233815.21	16.73	29.81	0.20	Verificata
2428	T	-0.00	266.16	173.84	52.64	234088.65	14.03	26.40	0.21	Verificata
2429	T	-0.00	149.34	130.66	48.33	234088.65	11.71	22.84	0.21	Verificata
2430	T	0.00	270.21	169.79	52.24	446542.90	17.90	23.78	0.22	Verificata
2431	T	-3.14	175.49	175.49	52.81	233815.21	14.87	27.17	0.35	Verificata
2432	T	0.00	223.06	176.94	52.95	233815.21	14.95	27.29	0.40	Verificata
2433	T	-0.00	327.35	327.35	68.00	446542.90	29.43	35.95	0.23	Verificata
2434	T	-3.14	131.20	131.20	48.38	233815.21	12.34	23.41	0.21	Verificata

2435	T	0.00	344.40	344.40	69.70	234088.65	23.37	39.48	0.21 Verificata
2436	T	0.00	225.25	174.75	52.74	233815.21	14.83	27.11	0.37 Verificata
2437	T	3.14	169.07	169.07	52.17	233815.21	14.50	26.64	0.23 Verificata
2438	T	-3.14	130.47	130.47	48.31	233815.21	12.30	23.34	0.22 Verificata
2439	T	-3.14	173.41	173.41	52.60	233815.21	14.75	27.00	0.21 Verificata
2440	T	0.00	195.44	154.56	50.72	446542.90	16.80	22.56	0.20 Verificata
2441	T	-0.00	204.69	204.69	55.73	446542.90	20.44	26.53	0.21 Verificata
2442	T	3.14	145.30	204.70	55.73	233815.21	16.55	29.55	0.21 Verificata
2443	T	3.14	95.52	344.48	69.71	233815.21	24.68	40.56	0.22 Verificata
2444	T	-0.00	148.83	131.17	48.38	234088.65	11.74	22.88	0.21 Verificata
2445	T	-3.14	112.67	327.33	67.99	233815.21	23.68	39.23	0.24 Verificata
2446	T	-3.14	176.93	176.93	52.95	233815.21	14.95	27.29	0.41 Verificata
2447	T	-3.14	154.58	154.58	50.72	233815.21	13.67	25.42	0.21 Verificata
2448	T	-3.14	15.72	15.72	36.83	233815.21	7.74	2.73	0.21 Verificata
2449	T	-0.00	149.53	130.47	48.31	234088.65	11.70	22.82	0.21 Verificata
2450	T	0.00	270.94	169.06	52.17	446542.90	17.85	23.72	0.22 Verificata
2451	T	-3.14	174.74	174.74	52.73	233815.21	14.82	27.11	0.38 Verificata
2452	T	3.14	398.50	37.50	40.71	574079.26	6.05	8.30	0.65 Verificata
2453	T	-3.14	132.73	132.73	50.23	574079.26	8.33	14.90	0.19 Verificata
2454	T	3.14	393.58	42.42	41.20	574079.26	6.04	8.89	1.11 Verificata
2455	T	-3.14	24.62	24.62	39.42	574079.26	6.41	6.07	0.26 Verificata
2456	T	-3.14	395.49	40.51	41.01	574079.26	6.04	8.67	1.01 Verificata
2457	T	-3.14	23.48	23.48	39.31	574079.26	6.48	5.79	0.23 Verificata
2458	T	3.14	395.55	40.45	41.01	574079.26	6.04	8.67	1.00 Verificata
2459	T	3.14	23.47	23.47	39.31	574079.26	6.48	5.79	0.22 Verificata
2460	T	3.14	394.49	41.51	41.11	574079.26	6.04	8.79	1.07 Verificata
2461	T	3.14	24.10	24.10	39.37	574079.26	6.44	5.95	0.25 Verificata
2462	T	3.14	396.59	39.41	40.90	574079.26	6.04	8.54	0.93 Verificata
2463	T	-3.14	23.58	23.58	39.32	574079.26	6.47	5.82	0.20 Verificata
2464	T	3.14	394.49	41.51	41.11	574079.26	6.04	8.79	1.07 Verificata
2465	T	3.14	24.10	24.10	39.37	574079.26	6.44	5.95	0.25 Verificata
2466	T	3.14	395.55	40.45	41.01	574079.26	6.04	8.67	1.00 Verificata
2467	T	3.14	23.47	23.47	39.31	574079.26	6.48	5.79	0.22 Verificata
2468	T	3.14	395.48	40.52	41.01	574079.26	6.04	8.67	1.01 Verificata
2469	T	3.14	23.48	23.48	39.31	574079.26	6.48	5.79	0.23 Verificata
2470	T	-3.14	393.58	42.42	41.20	574079.26	6.04	8.89	1.11 Verificata
2471	T	-3.14	24.63	24.63	39.42	574079.26	6.41	6.07	0.26 Verificata
2472	T	3.14	398.50	37.50	40.71	574079.26	6.05	8.30	0.65 Verificata
2473	T	3.14	132.72	132.72	50.23	574079.26	8.33	14.90	0.19 Verificata
2474	P	-0.14	234.57	188.43	62.96	424199.29	10.51	19.38	3.53 Verificata
2475	P	2.31	227.64	195.36	79.80	816297.09	14.78	26.50	3.42 Verificata
2476	P	-0.18	252.55	252.55	72.48	634554.33	14.10	24.76	3.32 Verificata
2477	P	2.94	242.45	180.55	65.11	701273.53	12.24	22.04	3.36 Verificata
2478	P	-0.20	255.56	255.56	73.46	647956.02	14.43	25.23	3.18 Verificata
2479	P	-0.20	240.22	240.22	72.10	658723.52	13.96	24.57	3.02 Verificata
2480	P	-0.35	243.79	179.21	70.26	741491.53	12.99	23.46	3.55 Verificata
2481	P	-0.32	254.92	168.08	67.81	723283.64	12.26	22.32	3.65 Verificata
2482	P	-0.31	253.51	169.49	67.64	718688.11	12.25	22.30	3.84 Verificata
2483	P	-0.24	262.70	160.30	64.11	688459.01	11.47	20.60	3.86 Verificata
2484	P	2.91	241.37	181.63	66.40	726016.16	12.61	22.47	3.19 Verificata
2485	P	2.92	241.80	181.20	65.98	713075.12	12.44	22.40	3.10 Verificata
2486	P	-1.08	204.50	218.50	79.60	725481.18	14.73	26.43	2.98 Verificata
2487	P	0.36	249.30	173.70	70.02	591082.78	12.05	22.13	3.26 Verificata
2488	P	-1.31	181.97	241.03	74.74	697055.00	14.64	25.64	3.11 Verificata
2489	P	1.16	204.01	218.99	77.33	728544.19	14.53	25.91	2.93 Verificata
2490	P	-0.34	258.32	164.68	68.20	728944.68	12.23	22.32	3.42 Verificata
2491	P	0.34	257.76	165.24	68.30	277887.08	10.61	20.51	3.42 Verificata
2492	P	1.26	218.77	204.23	72.15	700316.85	13.41	23.77	3.04 Verificata
2493	P	1.08	204.50	218.50	79.60	725462.46	14.73	26.42	2.98 Verificata
2494	P	1.31	210.11	212.89	71.29	697003.65	13.45	23.94	3.08 Verificata
2495	P	0.35	243.75	179.25	70.29	585300.73	12.19	22.34	3.55 Verificata
2496	P	0.21	240.12	240.12	72.13	659099.71	13.97	24.58	3.02 Verificata
2497	P	-2.92	241.81	181.19	66.03	552812.95	11.60	21.17	3.10 Verificata
2498	P	0.32	254.91	168.09	67.84	564578.95	11.49	21.24	3.65 Verificata
2499	P	0.20	255.35	255.35	73.47	648313.02	14.43	25.23	3.18 Verificata

2500	P	-2.91	241.37	181.63	66.45	566549.87	11.76	21.39	3.19 Verificata
2501	P	0.31	253.51	169.49	67.67	560186.99	11.48	21.22	3.84 Verificata
2502	P	0.18	252.47	252.47	72.48	634684.55	14.10	24.76	3.32 Verificata
2503	P	-2.93	242.45	180.55	65.16	540050.08	11.40	20.84	3.36 Verificata
2504	P	0.24	262.70	160.30	64.13	520291.52	10.67	19.63	3.86 Verificata
2505	P	-2.31	227.64	195.36	79.79	792878.67	14.82	26.52	3.43 Verificata
2506	P	0.14	234.56	188.44	63.00	600899.00	11.42	20.43	3.53 Verificata
2530	T	3.14	359.27	34.73	39.58	310388.64	6.41	9.12	0.39 Verificata
2531	T	0.00	66.66	66.66	42.78	310388.64	7.10	13.01	0.37 Verificata
2532	T	3.14	312.86	81.14	44.22	310388.64	7.59	14.23	0.39 Verificata
2533	T	0.00	74.72	74.72	43.58	310388.64	7.37	13.71	0.38 Verificata
2534	T	0.00	72.76	72.76	43.39	310388.64	7.30	13.54	0.36 Verificata
2535	T	0.00	75.91	75.91	43.70	310388.64	7.41	13.81	0.35 Verificata
2536	T	0.00	72.83	72.83	43.39	310388.64	7.31	13.55	0.36 Verificata
2537	T	0.00	74.72	74.72	43.58	310388.64	7.37	13.71	0.38 Verificata
2538	T	3.14	318.90	75.10	43.62	310388.64	7.38	13.74	0.40 Verificata
2539	T	3.14	329.80	64.20	42.53	310388.64	7.03	12.79	0.38 Verificata
2540	T	3.14	361.97	32.03	39.31	310388.64	6.41	8.60	0.42 Verificata

Minimo fattore di sicurezza:
5.092240
>=
1.00

Vengono esposti i valori relativi alla sezione di massima curvatura ad ascissa **Ab** nel piano ad ascissa con rotazione **af** intorno all'asse. **Lv** è la lunghezza a taglio, **Lp** la lunghezza della cerniera plastica, **My** è il momento di snervamento, **Ry** e **Ru** sono le rotazioni "capacity" di snervamento ed ultima, la rotazione **Rc** è la rotazione effettiva "demand". **Esito** indica l'esito della verifica.

Verifica contenimento del danno				
		Stato limite: Stato limite di danno		
		Valore di riferimento:	0.005000	
		Moltiplicatore degli spostamenti:	1.000000	
Quota (cm)	Interpiano (cm)	Spostamento (cm)	Spostamento relativo	
438.00	423.000000	0.649738	0.001536	
Massimo spostamento interpiano relativo (dr):			0.001536	