MATLAB Variable: s1
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	1	2	3	4	5	6	7
1	0	3.5551e-11	9.0959e-11	1.5168e-10	2.0330e-10	2.5492e-10	2.9263e-10
2	0	2.6845e-11	6.8987e-11	1.1517e-10	1.5409e-10	1.9301e-10	2.2217e-10
3	0	4.2432e-11	1.0880e-10	1.8154e-10	2.4311e-10	3.0468e-10	3.5022e-10
4	0	2.2764e-10	8.5771e-10	1.9688e-09	3.9236e-09	5.8783e-09	8.5806e-09
5	0	1.7189e-10	6.4870e-10	1.4901e-09	2.9685e-09	4.4469e-09	6.4936e-09
6	0	2.7170e-10	1.0245e-09	2.3526e-09	4.6875e-09	7.0225e-09	1.0253e-08
7	0	3.4286e-09	5.9585e-09	7.8064e-09	8.9042e-09	1.0002e-08	1.0620e-08
8	0	2.5889e-09	4.5588e-09	5.9917e-09	6.8065e-09	7.6213e-09	8.1143e-09
9	0	4.0922e-09	7.1589e-09	9.3942e-09	1.0693e-08	1.1992e-08	1.2751e-08
10	0	1.0239e-08	2.9456e-08	5.5288e-08	8.7831e-08	1.2037e-07	1.5662e-07
11	0	7.7314e-09	2.2420e-08	4.2241e-08	6.7056e-08	9.1872e-08	1.1962e-07
12	0	1.2221e-08	3.5298e-08	6.6379e-08	1.0541e-07	1.4444e-07	1.8801e-07
13	0	5.0585e-15	8.7912e-15	1.1518e-14	1.3137e-14	1.4757e-14	1.5669e-14
14	0	5.7678e-15	1.0046e-14	1.3168e-14	1.5010e-14	1.6851e-14	1.7901e-14
15	0	3.6039e-15	6.2741e-15	8.2235e-15	9.3747e-15	1.0526e-14	1.1181e-14
16	0	1.5106e-14	4.3460e-14	8.1574e-14	1.2959e-13	1.7760e-13	2.3108e-13
17	0	1.7225e-14	4.9620e-14	9.3193e-14	1.4803e-13	2.0286e-13	2.6398e-13
18	0	1.0762e-14	3.0995e-14	5.8207e-14	9.2457e-14	1.2671e-13	1.6488e-13
19	0	3.1175e-10	7.0365e-10	1.0928e-09	1.4495e-09	1.8061e-09	2.1298e-09

MATLAB Variable: s1
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	8	9	10	11	12	13	14
1	3.3034e-10	3.5555e-10	3.8075e-10	3.9671e-10	4.1267e-10	4.2243e-10	4.3218e-10
2	2.5133e-10	2.7065e-10	2.8998e-10	3.0198e-10	3.1399e-10	3.2116e-10	3.2833e-10
3	3.9577e-10	4.2609e-10	4.5640e-10	4.7541e-10	4.9443e-10	5.0592e-10	5.1741e-10
4	1.1283e-08	1.4559e-08	1.7836e-08	2.1528e-08	2.5220e-08	2.9204e-08	3.3188e-08
5	8.5403e-09	1.1022e-08	1.3504e-08	1.6300e-08	1.9095e-08	2.2109e-08	2.5123e-08
6	1.3483e-08	1.7400e-08	2.1317e-08	2.5730e-08	3.0142e-08	3.4901e-08	3.9661e-08
7	1.1238e-08	1.1581e-08	1.1923e-08	1.2112e-08	1.2301e-08	1.2405e-08	1.2509e-08
8	8.6073e-09	8.8630e-09	9.1188e-09	9.2432e-09	9.3676e-09	9.4259e-09	9.4843e-09
9	1.3509e-08	1.3916e-08	1.4323e-08	1.4533e-08	1.4744e-08	1.4852e-08	1.4961e-08
10	1.9287e-07	2.3064e-07	2.6840e-07	3.0641e-07	3.4442e-07	3.8196e-07	4.1951e-07
11	1.4737e-07	1.7626e-07	2.0515e-07	2.3410e-07	2.6306e-07	2.9151e-07	3.1997e-07
12	2.3157e-07	2.7694e-07	3.2231e-07	3.67788e-07	4.1344e-07	4.5834e-07	5.0324e-07
13	1.6581e-14	1.7086e-14	1.7592e-14	1.7870e-14	1.8149e-14	1.8302e-14	1.8455e-14
14	1.8950e-14	1.9525e-14	2.0100e-14	2.0411e-14	2.0722e-14	2.0889e-14	2.1056e-14
15	1.1835e-14	1.2195e-14	1.2554e-14	1.2749e-14	1.2944e-14	1.3049e-14	1.3155e-14
16	2.8456e-13	3.4028e-13	3.9600e-13	4.5208e-13	5.0816e-13	5.6355e-13	6.1894e-13
17	3.2510e-13	3.8877e-13	4.5244e-13	5.1647e-13	5.8050e-13	6.4370e-13	7.0689e-13
18	2.0305e-13	2.4282e-13	2.8258e-13	3.2258e-13	3.6257e-13	4.0206e-13	4.4154e-13
19	2.4535e-09	2.7470e-09	3.0406e-09	3.3068e-09	3.5731e-09	3.8146e-09	4.0560e-09

MATLAB Variable: s1
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	15	16	17	18	19	20	21
1	4.3801e-10	4.4384e-10	4.4726e-10	4.5069e-10	4.5268e-10	4.5467e-10	4.5606e-10
2	3.3250e-10	3.3668e-10	3.3906e-10	3.4143e-10	3.4277e-10	3.4411e-10	3.4493e-10
3	5.2418e-10	5.3096e-10	5.3488e-10	5.3880e-10	5.4105e-10	5.4329e-10	5.4478e-10
4	3.7372e-08	4.1556e-08	4.5875e-08	5.0194e-08	5.4603e-08	5.9012e-08	6.3460e-08
5	2.8286e-08	3.1449e-08	3.4712e-08	3.7976e-08	4.1306e-08	4.4636e-08	4.7995e-08
6	4.4657e-08	4.9654e-08	5.4811e-08	5.9968e-08	6.5231e-08	7.0493e-08	7.5803e-08
7	1.2566e-08	1.2623e-08	1.2654e-08	1.2686e-08	1.2703e-08	1.2720e-08	1.2732e-08
8	9.5111e-09	9.5379e-09	9.5503e-09	9.5626e-09	9.5688e-09	9.5749e-09	9.5937e-09
9	1.5016e-08	1.5071e-08	1.5100e-08	1.5128e-08	1.5143e-08	1.5158e-08	1.5180e-08
10	4.5622e-07	4.9294e-07	5.2864e-07	5.6435e-07	5.9896e-07	6.3357e-07	6.6753e-07
11	3.4769e-07	3.7540e-07	4.0226e-07	4.2913e-07	4.5511e-07	4.8110e-07	5.0662e-07
12	5.4705e-07	5.9086e-07	6.3340e-07	6.7594e-07	7.1713e-07	7.5832e-07	7.9876e-07
13	1.8540e-14	1.8624e-14	1.8670e-14	1.8717e-14	1.8742e-14	1.8768e-14	1.8785e-14
14	2.1146e-14	2.1236e-14	2.1284e-14	2.1332e-14	2.1358e-14	2.1384e-14	2.1407e-14
15	1.3212e-14	1.3269e-14	1.3299e-14	1.3330e-14	1.3347e-14	1.3363e-14	1.3377e-14
16	6.7311e-13	7.2729e-13	7.7996e-13	8.3264e-13	8.8370e-13	9.3477e-13	9.8488e-13
17	7.6865e-13	8.3041e-13	8.9042e-13	9.5044e-13	1.0086e-12	1.0668e-12	1.1238e-12
18	4.8013e-13	5.1872e-13	5.5622e-13	5.9373e-13	6.3008e-13	6.6642e-13	7.0209e-13
19	4.2750e-09	4.4940e-09	4.6927e-09	4.8913e-09	5.0714e-09	5.2515e-09	5.4216e-09

	1	2	3	4	5	6	7
20	0	2.3540e-10	5.3245e-10	8.2755e-10	1.0969e-09	1.3663e-09	1.6138e-09
21	0	3.7208e-10	8.4073e-10	1.3062e-09	1.7319e-09	2.1577e-09	2.5465e-09
22	0	9.3098e-10	3.1617e-09	6.7215e-09	1.2478e-08	1.8234e-08	2.6061e-08
23	0	7.0298e-10	2.3907e-09	5.0862e-09	9.4413e-09	1.3796e-08	1.9733e-08
24	0	1.1112e-09	3.7763e-09	8.0310e-09	1.4908e-08	2.1785e-08	3.1148e-08
25	0	8.2718e-26	1.6544e-25	0	1.6544e-25	0	0
26	0	-1.2075e-19	5.3920e-15	1.2263e-14	1.0675e-14	9.0864e-15	4.0002e-14
27	0	-9.5545e-20	4.2661e-15	9.7024e-15	8.4458e-15	7.1892e-15	3.1650e-14
28	0	4.0843e-12	1.6387e-11	4.0033e-11	9.0055e-11	1.4008e-10	2.2071e-10
29	0	3.0840e-12	1.2397e-11	3.0311e-11	6.8155e-11	1.0600e-10	1.6717e-10
30	0	4.8748e-12	1.9577e-11	4.7847e-11	1.0761e-10	1.6737e-10	2.6383e-10
31	0	3.4286e-09	5.9585e-09	7.8064e-09	8.9042e-09	1.0002e-08	1.0620e-08
32	0	2.5889e-09	4.5588e-09	5.9917e-09	6.8065e-09	7.6213e-09	8.1143e-09
33	0	4.0922e-09	7.1589e-09	9.3942e-09	1.0693e-08	1.1992e-08	1.2751e-08
34	0	1.0239e-08	2.9456e-08	5.5288e-08	8.7831e-08	1.2037e-07	1.5662e-07
35	0	7.7314e-09	2.2420e-08	4.2241e-08	6.7056e-08	9.1872e-08	1.1962e-07
36	0	1.2221e-08	3.5298e-08	6.6379e-08	1.0541e-07	1.4444e-07	1.8801e-07
37	0	-3.4286e-09	-5.9585e-09	-7.8064e-09	-8.9042e-09	-1.0002e-08	-1.0620e-08
38	0	-2.5889e-09	-4.5588e-09	-5.9917e-09	-6.8065e-09	-7.6213e-09	-8.1143e-09

MATLAB Variable: s1
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	8	9	10	11	12	13	14
20	1.8614e-09	2.0860e-09	2.3106e-09	2.5139e-09	2.7172e-09	2.9012e-09	3.0852e-09
21	2.9353e-09	3.2880e-09	3.6407e-09	3.9602e-09	4.2798e-09	4.5693e-09	4.8589e-09
22	3.3887e-08	4.3527e-08	5.3166e-08	6.4366e-08	7.5566e-08	8.8097e-08	1.0063e-07
23	2.5669e-08	3.2994e-08	4.0319e-08	4.8837e-08	5.7355e-08	6.6888e-08	7.6421e-08
24	4.0510e-08	5.2052e-08	6.3593e-08	7.7009e-08	9.0425e-08	1.0544e-07	1.2045e-07
25	0	0	0	0	0	0	0
26	7.0918e-14	9.4417e-14	1.1792e-13	1.3115e-13	1.4439e-13	1.5009e-13	1.5578e-13
27	5.6110e-14	7.4703e-14	9.3295e-14	1.0377e-13	1.1424e-13	1.1875e-13	1.2325e-13
28	3.0135e-10	4.1334e-10	5.2534e-10	6.6788e-10	8.1043e-10	9.8197e-10	1.1535e-09
29	2.2834e-10	3.1337e-10	3.9841e-10	5.0663e-10	6.1484e-10	7.4498e-10	8.7513e-10
30	3.6030e-10	4.9434e-10	6.2838e-10	7.9897e-10	9.6957e-10	1.1748e-09	1.3800e-09
31	1.1238e-08	1.1581e-08	1.1923e-08	1.2112e-08	1.2301e-08	1.2405e-08	1.2509e-08
32	8.6073e-09	8.8630e-09	9.1188e-09	9.2432e-09	9.3676e-09	9.4259e-09	9.4843e-09
33	1.3509e-08	1.3916e-08	1.4323e-08	1.4533e-08	1.4744e-08	1.4852e-08	1.4961e-08
34	1.9287e-07	2.3064e-07	2.6840e-07	3.0641e-07	3.4442e-07	3.8196e-07	4.1951e-07
35	1.4737e-07	1.7626e-07	2.0515e-07	2.3410e-07	2.6306e-07	2.9151e-07	3.1997e-07
36	2.3157e-07	2.7694e-07	3.2231e-07	3.6788e-07	4.1344e-07	4.5834e-07	5.0324e-07
37	-1.1238e-08	-1.1581e-08	-1.1923e-08	-1.2112e-08	-1.2301e-08	-1.2405e-08	-1.2509e-08
38	-8.6073e-09	-8.8630e-09	-9.1188e-09	-9.2432e-09	-9.3676e-09	-9.4259e-09	-9.4843e-09

	15	16	17	18	19	20	21
20	3.2517e-09	3.4181e-09	3.5688e-09	3.7194e-09	3.8558e-09	3.9921e-09	4.1195e-09
21	5.1211e-09	5.3834e-09	5.6210e-09	5.8586e-09	6.0738e-09	6.2891e-09	6.4912e-09
22	1.1428e-07	1.2794e-07	1.4254e-07	1.5713e-07	1.7251e-07	1.8788e-07	2.0365e-07
23	8.6810e-08	9.7198e-08	1.0830e-07	1.1940e-07	1.3109e-07	1.4278e-07	1.5476e-07
24	1.3681e-07	1.5317e-07	1.7065e-07	1.8814e-07	2.0655e-07	2.2496e-07	2.4385e-07
25	0	0	0	0	0	0	0
26	1.5663e-13	1.5747e-13	1.5540e-13	1.5333e-13	1.4961e-13	1.4589e-13	1.1269e-13
27	1.2392e-13	1.2459e-13	1.2295e-13	1.2131e-13	1.1837e-13	1.1543e-13	8.9159e-14
28	1.3521e-09	1.5507e-09	1.7744e-09	1.9981e-09	2.2447e-09	2.4914e-09	2.7507e-09
29	1.0257e-09	1.1763e-09	1.3457e-09	1.5152e-09	1.7019e-09	1.8887e-09	2.0848e-09
30	1.6176e-09	1.8551e-09	2.1225e-09	2.3899e-09	2.6847e-09	2.9795e-09	3.2892e-09
31	1.2566e-08	1.2623e-08	1.2654e-08	1.2686e-08	1.2703e-08	1.2720e-08	1.2732e-08
32	9.5111e-09	9.5379e-09	9.5503e-09	9.5626e-09	9.5688e-09	9.5749e-09	9.5937e-09
33	1.5016e-08	1.5071e-08	1.5100e-08	1.5128e-08	1.5143e-08	1.5158e-08	1.5180e-08
34	4.5622e-07	4.9294e-07	5.2864e-07	5.6435e-07	5.9896e-07	6.3357e-07	6.6753e-07
35	3.4769e-07	3.7540e-07	4.0226e-07	4.2913e-07	4.5511e-07	4.8110e-07	5.0662e-07
36	5.4705e-07	5.9086e-07	6.3340e-07	6.7594e-07	7.1713e-07	7.5832e-07	7.9876e-07
37	-1.2566e-08	-1.2623e-08	-1.2654e-08	-1.2686e-08	-1.2703e-08	-1.2720e-08	-1.2732e-08
38	-9.5111e-09	-9.5379e-09	-9.5503e-09	-9.5626e-09	-9.5688e-09	-9.5749e-09	-9.5937e-09

MATLAB Variable: s1
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	1	2	3	4	5	6	7
39	0	-4.0922e-09	-7.1589e-09	-9.3942e-09	-1.0693e-08	-1.1992e-08	-1.2751e-08
40	0	-1.0239e-08	-2.9456e-08	-5.5288e-08	-8.7831e-08	-1.2037e-07	-1.5662e-07
41	0	-7.7314e-09	-2.2420e-08	-4.2241e-08	-6.7056e-08	-9.1872e-08	-1.1962e-07
42	0	-1.2221e-08	-3.5298e-08	-6.6379e-08	-1.0541e-07	-1.4444e-07	-1.8801e-07
43	0	3.4286e-09	5.9585e-09	7.8065e-09	8.9042e-09	1.0002e-08	1.0620e-08
44	0	2.5890e-09	5.0948e-09	6.8675e-09	7.5644e-09	8.2612e-09	9.0098e-09
45	0	4.0922e-09	7.5829e-09	1.0087e-08	1.1293e-08	1.2499e-08	1.3459e-08
46	0	1.0341e-07	2.9751e-07	5.5842e-07	8.8710e-07	1.2158e-06	1.5819e-06
47	0	7.8093e-08	2.4244e-07	4.7098e-07	7.4409e-07	1.0172e-06	1.3334e-06
48	0	1.2343e-07	3.6917e-07	7.0552e-07	1.1175e-06	1.5295e-06	1.9980e-06
49	0	4.0071e-10	6.9639e-10	9.1236e-10	1.0407e-09	1.1690e-09	1.2412e-09
50	0	4.1930e-10	7.3018e-10	9.5711e-10	1.0910e-09	1.2249e-09	1.3012e-09
51	0	3.4979e-10	6.0866e-10	7.9767e-10	9.0949e-10	1.0213e-09	1.0847e-09
52	0	1.1966e-09	3.4427e-09	6.4618e-09	1.0265e-08	1.4068e-08	1.8305e-08
53	0	1.2522e-09	3.6069e-09	6.7739e-09	1.0760e-08	1.4746e-08	1.9188e-08
54	0	1.0446e-09	3.0075e-09	5.6470e-09	8.9701e-09	1.2293e-08	1.5996e-08
55	0	8.2718e-26	1.6544e-25	0	-1.6544e-25	0	0
56	0	1.1813e-16	1.8173e-22	-3.4897e-18	2.8008e-16	5.6365e-16	3.2742e-16
57	0	9.3466e-17	1.4418e-22	-2.7611e-18	2.2160e-16	4.4596e-16	2.5906e-16

MATLAB Variable: s1
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	8	9	10	11	12	13	14
39	-1.3509e-08	-1.3916e-08	-1.4323e-08	-1.4533e-08	-1.4744e-08	-1.4852e-08	-1.4961e-08
40	-1.9287e-07	-2.3064e-07	-2.6840e-07	-3.0641e-07	-3.4442e-07	-3.8196e-07	-4.1951e-07
41	-1.4737e-07	-1.7626e-07	-2.0515e-07	-2.3410e-07	-2.6306e-07	-2.9151e-07	-3.1997e-07
42	-2.3157e-07	-2.7694e-07	-3.2231e-07	-3.6788e-07	-4.1344e-07	-4.5834e-07	-5.0324e-07
43	1.1238e-08	1.1581e-08	1.1923e-08	1.2112e-08	1.2301e-08	1.2405e-08	1.2509e-08
44	9.7583e-09	1.0025e-08	1.0293e-08	1.0310e-08	1.0328e-08	1.0282e-08	1.0236e-08
45	1.4420e-08	1.4836e-08	1.5251e-08	1.5378e-08	1.5504e-08	1.5530e-08	1.5555e-08
46	1.9480e-06	2.3294e-06	2.7109e-06	3.0948e-06	3.4786e-06	3.8579e-06	4.2371e-06
47	1.6496e-06	1.9790e-06	2.3084e-06	2.6313e-06	2.9542e-06	3.2641e-06	3.5739e-06
48	2.4664e-06	2.9544e-06	3.4424e-06	3.9267e-06	4.4110e-06	4.8822e-06	5.3534e-06
49	1.3135e-09	1.3535e-09	1.3935e-09	1.4156e-09	1.4377e-09	1.4498e-09	1.4619e-09
50	1.3774e-09	1.4192e-09	1.4610e-09	1.4837e-09	1.5063e-09	1.5185e-09	1.5307e-09
51	1.1481e-09	1.1830e-09	1.2179e-09	1.2369e-09	1.2560e-09	1.2663e-09	1.2766e-09
52	2.2541e-08	2.6955e-08	3.1369e-08	3.5811e-08	4.0253e-08	4.4641e-08	4.9029e-08
53	2.3630e-08	2.8258e-08	3.2886e-08	3.7541e-08	4.2195e-08	4.6789e-08	5.1383e-08
54	1.9699e-08	2.3557e-08	2.7415e-08	3.1296e-08	3.5176e-08	3.9008e-08	4.2840e-08
55	0	0	0	0	0	0	0
56	9.1197e-17	1.0902e-16	1.2685e-16	1.6347e-16	2.0009e-16	2.0330e-16	2.0651e-16
57	7.2155e-17	8.6258e-17	1.0036e-16	1.2934e-16	1.5831e-16	1.6085e-16	1.6339e-16

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	15	16	17	18	19	20	21
39	-1.5016e-08	-1.5071e-08	-1.5100e-08	-1.5128e-08	-1.5143e-08	-1.5158e-08	-1.5180e-08
40	-4.5622e-07	-4.9294e-07	-5.2864e-07	-5.6435e-07	-5.9896e-07	-6.3357e-07	-6.6753e-07
41	-3.4769e-07	-3.7540e-07	-4.0226e-07	-4.2913e-07	-4.5511e-07	-4.8110e-07	-5.0662e-07
42	-5.4705e-07	-5.9086e-07	-6.3340e-07	-6.7594e-07	-7.1713e-07	-7.5832e-07	-7.9876e-07
43	1.2566e-08	1.2623e-08	1.2654e-08	1.2686e-08	1.2703e-08	1.2720e-08	1.2732e-08
44	1.0211e-08	1.0186e-08	1.0208e-08	1.0230e-08	1.0301e-08	1.0372e-08	1.0616e-08
45	1.5569e-08	1.5583e-08	1.5619e-08	1.5655e-08	1.5722e-08	1.5788e-08	1.5988e-08
46	4.6079e-06	4.9787e-06	5.3393e-06	5.6999e-06	6.0495e-06	6.3991e-06	6.7421e-06
47	3.8713e-06	4.1686e-06	4.4568e-06	4.7449e-06	5.0274e-06	5.3099e-06	5.5946e-06
48	5.8097e-06	6.2660e-06	6.7089e-06	7.1518e-06	7.5836e-06	8.0155e-06	8.4452e-06
49	1.4686e-09	1.4753e-09	1.4790e-09	1.4826e-09	1.4846e-09	1.4867e-09	1.4880e-09
50	1.5372e-09	1.5438e-09	1.5473e-09	1.5508e-09	1.5527e-09	1.5547e-09	1.5563e-09
51	1.2822e-09	1.2878e-09	1.2909e-09	1.2939e-09	1.2956e-09	1.2972e-09	1.2985e-09
52	5.3320e-08	5.7612e-08	6.1784e-08	6.5957e-08	7.0002e-08	7.4047e-08	7.8017e-08
53	5.5873e-08	6.0362e-08	6.4726e-08	6.9089e-08	7.3317e-08	7.7546e-08	8.1695e-08
54	4.6585e-08	5.0331e-08	5.3972e-08	5.7613e-08	6.1141e-08	6.4670e-08	6.8133e-08
55	0	0	0	0	0	0	0
56	1.8930e-16	1.7208e-16	1.4972e-16	1.2736e-16	1.0742e-16	8.7471e-17	6.5772e-17
57	1.4977e-16	1.3615e-16	1.1846e-16	1.0077e-16	8.4989e-17	6.9208e-17	5.2039e-17

	1	2	3	4	5	6	7
58	0	2.8572e-19	-1.6098e-13	-3.0553e-13	-3.2298e-13	-3.4043e-13	-5.0742e-13
59	0	-2.0532e-15	-2.4319e-13	-4.6187e-13	-4.9168e-13	-5.2149e-13	-7.7086e-13
60	0	-1.9713e-16	-9.5902e-14	-1.8230e-13	-1.9242e-13	-2.0255e-13	-3.0143e-13
61	0	8.3480e-10	1.4508e-09	1.9007e-09	2.1680e-09	2.4353e-09	2.5859e-09
62	0	4.3677e-10	7.6186e-10	9.9904e-10	1.1382e-09	1.2774e-09	1.3574e-09
63	0	1.4575e-09	2.5373e-09	3.3256e-09	3.7912e-09	4.2568e-09	4.5215e-09
64	0	2.4930e-09	7.1721e-09	1.3462e-08	2.1385e-08	2.9309e-08	3.8135e-08
65	0	1.3044e-09	3.7608e-09	7.0665e-09	1.1223e-08	1.5380e-08	2.0016e-08
66	0	4.3524e-09	1.2535e-08	2.3539e-08	3.7390e-08	5.1241e-08	6.6678e-08
67	0	3.4286e-09	5.9585e-09	7.8064e-09	8.9042e-09	1.0002e-08	1.0620e-08
68	0	2.5889e-09	4.5588e-09	5.9917e-09	6.8065e-09	7.6213e-09	8.1143e-09
69	0	4.0922e-09	7.1589e-09	9.3942e-09	1.0693e-08	1.1992e-08	1.2751e-08
70	0	1.0239e-08	2.9457e-08	5.5289e-08	8.7831e-08	1.2037e-07	1.5662e-07
71	0	7.7314e-09	2.2421e-08	4.2241e-08	6.7057e-08	9.1873e-08	1.1962e-07
72	0	1.2221e-08	3.5298e-08	6.6380e-08	1.0541e-07	1.4445e-07	1.8801e-07
73	0	-4.0071e-10	-6.9639e-10	-9.1236e-10	-1.0407e-09	-1.1690e-09	-1.2412e-09
74	0	3.5739e-17	-6.8846e-13	-1.1228e-12	-9.5812e-13	-7.9348e-13	-1.0945e-12
75	0	2.8278e-17	-5.4471e-13	-8.8833e-13	-7.5806e-13	-6.2780e-13	-8.6593e-13
76	0	-1.1966e-09	-3.4427e-09	-6.4618e-09	-1.0265e-08	-1.4068e-08	-1.8305e-08

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	8	9	10	11	12	13	14
58	-6.7441e-13	-7.8721e-13	-9.0001e-13	-9.5824e-13	-1.0165e-12	-1.0404e-12	-1.0644e-12
59	-1.0202e-12	-1.1917e-12	-1.3632e-12	-1.4517e-12	-1.5402e-12	-1.5759e-12	-1.6116e-12
60	-4.0031e-13	-4.6767e-13	-5.3502e-13	-5.6957e-13	-6.0412e-13	-6.1798e-13	-6.3184e-13
61	2.7364e-09	2.8198e-09	2.9032e-09	2.9491e-09	2.9951e-09	3.0204e-09	3.0457e-09
62	1.4374e-09	1.4808e-09	1.5243e-09	1.5475e-09	1.5707e-09	1.5829e-09	1.5952e-09
63	4.7862e-09	4.9316e-09	5.0769e-09	5.1558e-09	5.2347e-09	5.2773e-09	5.3200e-09
64	4.6960e-08	5.6156e-08	6.5352e-08	7.4606e-08	8.3860e-08	9.3002e-08	1.0214e-07
65	2.4651e-08	2.9480e-08	3.4308e-08	3.9162e-08	4.4015e-08	4.8803e-08	5.3590e-08
66	8.2114e-08	9.8196e-08	1.1428e-07	1.3045e-07	1.4663e-07	1.6259e-07	1.7856e-07
67	1.1238e-08	1.1581e-08	1.1923e-08	1.2112e-08	1.2301e-08	1.2405e-08	1.2509e-08
68	8.6073e-09	8.8630e-09	9.1188e-09	9.2432e-09	9.3676e-09	9.4259e-09	9.4843e-09
69	1.3509e-08	1.3916e-08	1.4323e-08	1.4533e-08	1.4744e-08	1.4852e-08	1.4961e-08
70	1.9287e-07	2.3064e-07	2.6841e-07	3.0641e-07	3.4442e-07	3.8197e-07	4.1951e-07
71	1.4737e-07	1.7626e-07	2.0515e-07	2.3411e-07	2.6306e-07	2.9152e-07	3.1998e-07
72	2.3157e-07	2.7694e-07	3.2232e-07	3.6788e-07	4.1344e-07	4.5834e-07	5.0324e-07
73	-1.3135e-09	-1.3535e-09	-1.3935e-09	-1.4156e-09	-1.4377e-09	-1.4498e-09	-1.4619e-09
74	-1.3954e-12	-1.3581e-12	-1.3208e-12	-1.1046e-12	-8.8843e-13	-6.4777e-13	-4.0710e-13
75	-1.1041e-12	-1.0745e-12	-1.0450e-12	-8.7398e-13	-7.0292e-13	-5.1251e-13	-3.2209e-13
76	-2.2541e-08	-2.6955e-08	-3.1369e-08	-3.5811e-08	-4.0253e-08	-4.4641e-08	-4.9030e-08

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	15	16	17	18	19	20	21
58	-1.0690e-12	-1.0736e-12	-1.0677e-12	-1.0618e-12	-1.0504e-12	-1.0390e-12	-1.0219e-12
59	-1.6177e-12	-1.6237e-12	-1.6139e-12	-1.6042e-12	-1.5862e-12	-1.5683e-12	-1.5420e-12
60	-6.3412e-13	-6.3640e-13	-6.3252e-13	-6.2863e-13	-6.2159e-13	-6.1454e-13	-6.0417e-13
61	3.0596e-09	3.0735e-09	3.0812e-09	3.0888e-09	3.0930e-09	3.0972e-09	3.1000e-09
62	1.6017e-09	1.6081e-09	1.6116e-09	1.6150e-09	1.6168e-09	1.6186e-09	1.6205e-09
63	5.3430e-09	5.3660e-09	5.3785e-09	5.3909e-09	5.3977e-09	5.4044e-09	5.4100e-09
64	1.1108e-07	1.2002e-07	1.2872e-07	1.3741e-07	1.4584e-07	1.5426e-07	1.6253e-07
65	5.8267e-08	6.2943e-08	6.7485e-08	7.2028e-08	7.6429e-08	8.0830e-08	8.5150e-08
66	1.9417e-07	2.0977e-07	2.2494e-07	2.4011e-07	2.5481e-07	2.6951e-07	2.8394e-07
67	1.2566e-08	1.2623e-08	1.2654e-08	1.2686e-08	1.2703e-08	1.2720e-08	1.2732e-08
68	9.5111e-09	9.5379e-09	9.5503e-09	9.5626e-09	9.5688e-09	9.5749e-09	9.5937e-09
69	1.5016e-08	1.5071e-08	1.5100e-08	1.5128e-08	1.5143e-08	1.5158e-08	1.5180e-08
70	4.5623e-07	4.9294e-07	5.2865e-07	5.6435e-07	5.9896e-07	6.3357e-07	6.6753e-07
71	3.4769e-07	3.7540e-07	4.0227e-07	4.2913e-07	4.5512e-07	4.8110e-07	5.0663e-07
72	5.4705e-07	5.9087e-07	6.3340e-07	6.7594e-07	7.1713e-07	7.5833e-07	7.9877e-07
73	-1.4686e-09	-1.4753e-09	-1.4790e-09	-1.4826e-09	-1.4846e-09	-1.4867e-09	-1.4880e-09
74	-2.0796e-13	-8.8136e-15	1.3442e-13	2.7766e-13	3.7145e-13	4.6523e-13	3.6334e-13
75	-1.6453e-13	-6.9622e-15	1.0637e-13	2.1970e-13	2.9391e-13	3.6811e-13	2.8750e-13
76	-5.3321e-08	-5.7612e-08	-6.1785e-08	-6.5957e-08	-7.0002e-08	-7.4047e-08	-7.8017e-08

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	1	2	3	4	5	6	7
77	0	-4.1664e-16	-2.0560e-12	-5.6948e-12	-8.4994e-12	-1.1304e-11	-1.5670e-11
78	0	-1.6263e-16	-1.6267e-12	-4.5057e-12	-6.7243e-12	-8.9429e-12	-1.2397e-11
79	0	0	0	0	0	0	0
80	0	-4.1930e-10	-7.2967e-10	-9.5626e-10	-1.0903e-09	-1.2243e-09	-1.3003e-09
81	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0
83	0	-1.2522e-09	-3.6053e-09	-6.7697e-09	-1.0753e-08	-1.4737e-08	-1.9176e-08
84	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0
87	0	-3.4979e-10	-6.0830e-10	-7.9708e-10	-9.0898e-10	-1.0209e-09	-1.0841e-09
88	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0
90	0	-1.0446e-09	-3.0064e-09	-5.6440e-09	-8.9657e-09	-1.2287e-08	-1.5988e-08
91	0	-8.2718e-26	-1.6544e-25	0	1.6544e-25	0	0
92	0	-1.1813e-16	-1.8173e-22	3.4897e-18	-2.8008e-16	-5.6365e-16	-3.2742e-16
93	0	-9.3466e-17	-1.4418e-22	2.7611e-18	-2.2160e-16	-4.4596e-16	-2.5906e-16
94	0	-2.8572e-19	1.6098e-13	3.0553e-13	3.2298e-13	3.4043e-13	5.0742e-13
95	0	-3.5262e-16	-4.0180e-16	-3.9291e-16	-2.0440e-15	-3.6950e-15	-4.1604e-15

	8	9	10	11	12	13	14
77	-2.0036e-11	-2.4292e-11	-2.8549e-11	-3.1392e-11	-3.4236e-11	-3.5365e-11	-3.6495e-11
78	-1.5852e-11	-1.9220e-11	-2.2587e-11	-2.4837e-11	-2.7086e-11	-2.7980e-11	-2.8874e-11
79	0	0	0	0	0	0	0
80	-1.3764e-09	-1.4182e-09	-1.4600e-09	-1.4828e-09	-1.5056e-09	-1.5180e-09	-1.5303e-09
81	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0
83	-2.3615e-08	-2.8240e-08	-3.2865e-08	-3.7517e-08	-4.2169e-08	-4.6762e-08	-5.1356e-08
84	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0
87	-1.1474e-09	-1.1823e-09	-1.2172e-09	-1.2364e-09	-1.2555e-09	-1.2659e-09	-1.2764e-09
88	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0
90	-1.9689e-08	-2.3544e-08	-2.7400e-08	-3.1279e-08	-3.5158e-08	-3.8989e-08	-4.2820e-08
91	0	0	0	0	0	0	0
92	-9.1197e-17	-1.0902e-16	-1.2685e-16	-1.6347e-16	-2.0009e-16	-2.0330e-16	-2.0651e-16
93	-7.2155e-17	-8.6258e-17	-1.0036e-16	-1.2934e-16	-1.5831e-16	-1.6085e-16	-1.6339e-16
94	6.7441e-13	7.8721e-13	9.0001e-13	9.5824e-13	1.0165e-12	1.0404e-12	1.0644e-12
95	-4.6258e-15	-5.0018e-15	-5.3777e-15	-5.9450e-15	-6.5124e-15	-7.1111e-15	-7.7098e-15

	15	16	17	18	19	20	21
77	-3.6159e-11	-3.5824e-11	-3.4433e-11	-3.3042e-11	-3.0980e-11	-2.8918e-11	-2.7088e-11
78	-2.8608e-11	-2.8343e-11	-2.7242e-11	-2.6142e-11	-2.4511e-11	-2.2879e-11	-2.1431e-11
79	0	0	0	0	0	0	0
80	-1.5371e-09	-1.5438e-09	-1.5474e-09	-1.5510e-09	-1.5530e-09	-1.5550e-09	-1.5566e-09
81	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0
83	-5.5845e-08	-6.0335e-08	-6.4700e-08	-6.9064e-08	-7.3294e-08	-7.7524e-08	-8.1675e-08
84	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0
87	-1.2821e-09	-1.2878e-09	-1.2910e-09	-1.2941e-09	-1.2958e-09	-1.2975e-09	-1.2987e-09
88	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0
90	-4.6566e-08	-5.0312e-08	-5.3954e-08	-5.7595e-08	-6.1125e-08	-6.4655e-08	-6.8119e-08
91	0	0	0	0	0	0	0
92	-1.8930e-16	-1.7208e-16	-1.4972e-16	-1.2736e-16	-1.0742e-16	-8.7471e-17	-6.5772e-17
93	-1.4977e-16	-1.3615e-16	-1.1846e-16	-1.0077e-16	-8.4989e-17	-6.9208e-17	-5.2039e-17
94	1.0690e-12	1.0736e-12	1.0677e-12	1.0618e-12	1.0504e-12	1.0390e-12	1.0219e-12
95	-8.1945e-15	-8.6792e-15	-9.0008e-15	-9.3224e-15	-9.4925e-15	-9.6627e-15	-9.7422e-15

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	1	2	3	4	5	6	7
96	0	-2.7905e-16	-3.1791e-16	-3.1090e-16	-1.6174e-15	-2.9239e-15	-3.2919e-15
97	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
101	0	2.4052e-15	2.4359e-13	4.6226e-13	4.9372e-13	5.2518e-13	7.7502e-13
102	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0
105	0	0	-1.6544e-25	-3.3087e-25	-3.3087e-25	-3.3087e-25	0
106	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0
108	0	4.7604e-16	9.6220e-14	1.8261e-13	1.9404e-13	2.0547e-13	3.0472e-13
109	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0

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	8	9	10	11	12	13	14
96	-3.6599e-15	-3.9575e-15	-4.2550e-15	-4.7039e-15	-5.1528e-15	-5.6265e-15	-6.1002e-15
97	0	0	0	0	0	0	0
98	0	0	0	1.6544e-25	1.6544e-25	0	0
99	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
101	1.0249e-12	1.1967e-12	1.3686e-12	1.4576e-12	1.5467e-12	1.5830e-12	1.6193e-12
102	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0
108	4.0397e-13	4.7162e-13	5.3928e-13	5.7427e-13	6.0927e-13	6.2361e-13	6.3794e-13
109	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0

	15	16	17	18	19	20	21
96	-6.4836e-15	-6.8671e-15	-7.1216e-15	-7.3760e-15	-7.5106e-15	-7.6452e-15	-7.7081e-15
97	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
101	1.6259e-12	1.6324e-12	1.6229e-12	1.6135e-12	1.5957e-12	1.5780e-12	1.5517e-12
102	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0
108	6.4061e-13	6.4327e-13	6.3964e-13	6.3601e-13	6.2910e-13	6.2218e-13	6.1187e-13
109	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0

	1	2	3	4	5	6	7
115	0	3.4285e-09	5.9585e-09	7.8064e-09	8.9041e-09	1.0002e-08	1.0620e-08
116	0	2.5889e-09	4.5051e-09	5.9042e-09	6.7317e-09	7.5593e-09	8.0287e-09
117	0	4.0921e-09	7.1164e-09	9.3249e-09	1.0634e-08	1.1943e-08	1.2683e-08
118	0	1.0239e-08	2.9456e-08	5.5289e-08	8.7831e-08	1.2037e-07	1.5662e-07
119	0	7.7313e-09	2.2260e-08	4.1798e-08	6.6394e-08	9.0991e-08	1.1840e-07
120	0	1.2220e-08	3.5171e-08	6.6028e-08	1.0489e-07	1.4375e-07	1.8704e-07
121	0	0	0	0	0	0	0
122	0	-3.0568e-16	5.7742e-12	9.4166e-12	8.0351e-12	6.6536e-12	9.1765e-12
123	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0
125	0	3.4767e-15	1.7244e-11	4.7763e-11	7.1281e-11	9.4799e-11	1.3140e-10
126	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0
129	0	-2.4435e-16	4.6141e-12	7.5247e-12	6.4208e-12	5.3168e-12	7.3328e-12
130	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0
132	0	1.3633e-15	1.3779e-11	3.8166e-11	5.6956e-11	7.5746e-11	1.0500e-10
133	0	0	0	0	0	0	0

	8	9	10	11	12	13	14
115	1.1238e-08	1.1581e-08	1.1923e-08	1.2112e-08	1.2301e-08	1.2405e-08	1.2509e-08
116	8.4981e-09	8.7564e-09	9.0147e-09	9.1555e-09	9.2962e-09	9.3727e-09	9.4491e-09
117	1.3423e-08	1.3832e-08	1.4240e-08	1.4464e-08	1.4688e-08	1.4810e-08	1.4933e-08
118	1.9287e-07	2.3064e-07	2.6840e-07	3.0641e-07	3.4442e-07	3.8196e-07	4.1951e-07
119	1.4581e-07	1.7436e-07	2.0292e-07	2.3164e-07	2.6037e-07	2.8873e-07	3.1709e-07
120	2.3033e-07	2.7544e-07	3.2055e-07	3.6593e-07	4.1131e-07	4.5613e-07	5.0095e-07
121	0	0	0	0	0	0	0
122	1.1699e-11	1.1384e-11	1.1069e-11	9.2513e-12	7.4341e-12	5.4103e-12	3.3864e-12
123	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0
125	1.6801e-10	2.0368e-10	2.3935e-10	2.6315e-10	2.8694e-10	2.9632e-10	3.0571e-10
126	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0
129	9.3488e-12	9.0967e-12	8.8447e-12	7.3925e-12	5.9403e-12	4.3230e-12	2.7057e-12
130	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0
132	1.3425e-10	1.6275e-10	1.9126e-10	2.1027e-10	2.2928e-10	2.3678e-10	2.4428e-10
133	0	0	0	0	0	0	0

	15	16	17	18	19	20	21
115	1.2566e-08	1.2623e-08	1.2654e-08	1.2686e-08	1.2703e-08	1.2720e-08	1.2732e-08
116	9.4907e-09	9.5322e-09	9.5548e-09	9.5774e-09	9.5897e-09	9.6021e-09	9.6119e-09
117	1.5000e-08	1.5067e-08	1.5103e-08	1.5140e-08	1.5160e-08	1.5180e-08	1.5195e-08
118	4.5622e-07	4.9294e-07	5.2864e-07	5.6434e-07	5.9895e-07	6.3356e-07	6.6753e-07
119	3.4481e-07	3.7253e-07	3.9948e-07	4.2643e-07	4.5255e-07	4.7867e-07	5.0431e-07
120	5.4477e-07	5.8859e-07	6.3120e-07	6.7381e-07	7.1510e-07	7.5640e-07	7.9693e-07
121	0	0	0	0	0	0	0
122	1.7095e-12	3.2639e-14	-1.1765e-12	-2.3857e-12	-3.1812e-12	-3.9767e-12	-3.1315e-12
123	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0
125	3.0277e-10	2.9982e-10	2.8798e-10	2.7614e-10	2.5861e-10	2.4109e-10	2.2547e-10
126	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0
129	1.3656e-12	2.5511e-14	-9.4083e-13	-1.9072e-12	-2.5430e-12	-3.1787e-12	-2.5035e-12
130	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0
132	2.4192e-10	2.3957e-10	2.3011e-10	2.2064e-10	2.0663e-10	1.9262e-10	1.8014e-10
133	0	0	0	0	0	0	0

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	1	2	3	4	5	6	7
134	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0
139	0	-8.2718e-26	-8.2718e-26	0	0	0	0
140	0	-2.2696e-16	5.8910e-12	9.6087e-12	8.2087e-12	6.8087e-12	9.4022e-12
141	0	-1.7966e-16	4.6610e-12	7.6024e-12	6.4947e-12	5.3870e-12	7.4390e-12
142	0	1.0239e-08	2.9457e-08	5.5289e-08	8.7831e-08	1.2037e-07	1.5662e-07
143	0	7.7314e-09	2.2421e-08	4.2241e-08	6.7057e-08	9.1873e-08	1.1962e-07
144	0	1.2221e-08	3.5298e-08	6.6380e-08	1.0541e-07	1.4445e-07	1.8801e-07

	8	9	10	11	12	13	14
134	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0
140	1.1996e-11	1.1711e-11	1.1427e-11	9.6296e-12	7.8325e-12	5.8442e-12	3.8559e-12
141	9.4910e-12	9.2658e-12	9.0407e-12	7.6188e-12	6.1968e-12	4.6236e-12	3.0504e-12
142	1.9287e-07	2.3064e-07	2.6841e-07	3.0641e-07	3.4442e-07	3.8197e-07	4.1951e-07
143	1.4737e-07	1.7626e-07	2.0515e-07	2.3411e-07	2.6306e-07	2.9152e-07	3.1998e-07
144	2.3157e-07	2.7694e-07	3.2232e-07	3.67788e-07	4.1344e-07	4.5834e-07	5.0324e-07

	15	16	17	18	19	20	21
134	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0
140	2.2400e-12	6.2411e-13	-4.9758e-13	-1.6193e-12	-2.3036e-12	-2.9879e-12	-1.9918e-12
141	1.7718e-12	4.9322e-13	-3.9437e-13	-1.2820e-12	-1.8235e-12	-2.3650e-12	-1.5771e-12
142	4.5623e-07	4.9294e-07	5.2865e-07	5.6435e-07	5.9896e-07	6.3357e-07	6.6753e-07
143	3.4769e-07	3.7540e-07	4.0227e-07	4.2913e-07	4.5512e-07	4.8110e-07	5.0663e-07
144	5.4705e-07	5.9087e-07	6.3340e-07	6.7594e-07	7.1713e-07	7.5833e-07	7.9877e-07