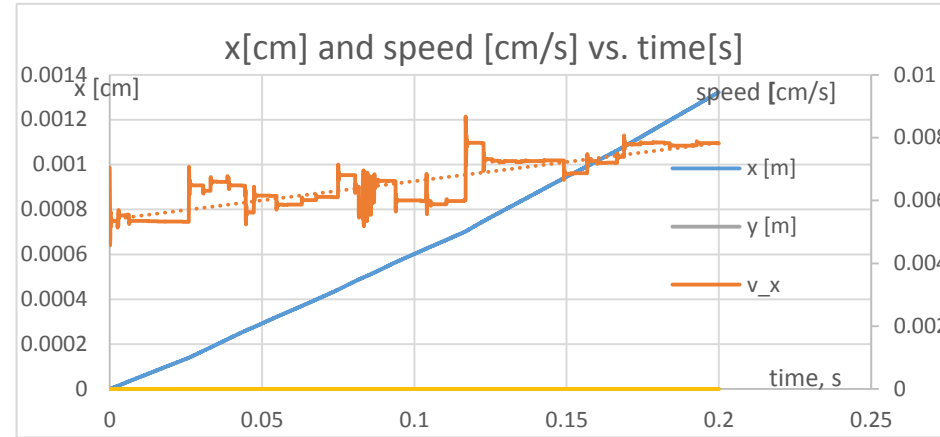


Particle dynamics in tissue

Initial values

Tissue/fluid ratio	10
saline density	1127 kg/m ³
particle diameter	1E-07 m
particle density	8900 kg/m ³
Drag coefficient (sphere)	0.47
particle mass	4.66E-18 kg
initTime	0.03545
time step	0.00005 s
Number of steps	4000



time	Position		Magnetic force [N]		Drag force [N]		Velocity [m/s]		Acceleration [m/s/s]		
	x [m]	y [m]	Fx	Fy	FDx	Fdy	v_x	v_y	a_x	a_y	
0	0	0	9.01E-16	2.03265E-16	-5.2E-16	0	0.005	0	0	40.8627	43.61887
0.00005	3.52157E-07	0	5.919E-16	-1.9232E-16	-1E-15	-9.9E-17	0.007043	0	0	-26.7686	-62.5011
0.0001	6.37392E-07	0	5.919E-16	-1.9231E-16	-6.8E-16	1.85E-17	0.005705	0	0	-22.5052	-37.29
0.00015	8.66364E-07	0	5.919E-16	-1.9232E-16	-4.4E-16	1.64E-16	0.004579	0	0	5.45334	-6.05872
0.0002	1.10897E-06	0	5.919E-16	-1.9232E-16	-4.9E-16	2.01E-16	0.004852	0	0	13.69292	1.946778
0.00025	1.38581E-06	0	5.919E-16	-1.9232E-16	-6.4E-16	1.89E-16	0.005537	0	0	1.938265	-0.71606
0.0003	1.66749E-06	0	5.919E-16	-1.9232E-16	-6.6E-16	1.94E-16	0.005634	0	0	-6.35692	0.253236
0.00035	1.93328E-06	0	5.919E-16	-1.9232E-16	-5.9E-16	1.92E-16	0.005316	0	0	-2.73834	-0.09129
0.0004	2.19223E-06	0	5.92E-16	-1.9232E-16	-5.58E-16	1.92E-16	5.18E-03	0	0	2.277538	0.032983
0.00045	2.45687E-06	0	5.919E-16	-1.9233E-16	-5.8E-16	1.92E-16	0.005293	0	0	2.122307	-0.01248
0.0005	2.72681E-06	0	5.919E-16	-1.9233E-16	-6.1E-16	1.92E-16	0.005399	0	0	-0.48769	0.00426
0.00055	2.99554E-06	0	5.919E-16	-1.9233E-16	-6E-16	1.92E-16	0.005375	0	0	-1.20718	-0.00185
0.0006	3.26125E-06	0	5.918E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.005314	0	0	-0.13582	-0.00206
0.00065	3.52662E-06	0	5.918E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.005307	0	0	0.560392	0.001751
0.0007	3.79338E-06	0	5.918E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.005335	0	0	0.242248	-0.00072
0.00075	4.06076E-06	0	5.918E-16	-1.9233E-16	-5.9E-16	1.92E-16	0.005347	0	0	-0.20665	0.000542
0.0008	4.32762E-06	0	5.918E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.005337	0	0	-0.18522	-0.00125
0.00085	4.59401E-06	0	5.917E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.005328	0	0	0.044174	0.000332
0.0009	4.86052E-06	0	5.917E-16	-1.9234E-16	-5.9E-16	1.92E-16	0.00533	0	0	0.106501	-0.00054

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0.00095	5.12729E-06	0	5.952E-16	-1.9193E-16	-5.9E-16	1.92E-16	0.005335	0	0.381415	0.088665
0.001	5.39502E-06	0	5.952E-16	-1.9193E-16	-6E-16	1.92E-16	0.005355	0	0.061935	-0.03082
0.00105	5.6629E-06	0	5.952E-16	-1.9192E-16	-6E-16	1.92E-16	0.005358	0	-0.17118	0.011396
0.0011	5.93035E-06	0	5.952E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	-0.08432	-0.00441
0.00115	6.19759E-06	0	5.952E-16	-1.9193E-16	-5.9E-16	1.92E-16	0.005345	0	0.058606	0.001434
0.0012	6.46498E-06	0	5.952E-16	-1.9193E-16	-5.9E-16	1.92E-16	0.005348	0	0.059755	-0.00145
0.00125	6.73252E-06	0	5.952E-16	-1.9193E-16	-6E-16	1.92E-16	0.005351	0	-0.01185	0.001024
0.0013	7.00002E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.00535	0	-0.03575	-2.8E-05
0.00135	7.26744E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005348	0	-0.00491	-0.00125
0.0014	7.53485E-06	0	5.951E-16	-1.9193E-16	-5.9E-16	1.92E-16	0.005348	0	0.015518	0.000704
0.00145	7.80229E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	0.005684	-0.00078
0.0015	8.06975E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	-0.00661	0.001509
0.00155	8.3372E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	-0.0058	-0.00094
0.0016	8.60462E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	0.000508	-8.3E-05
0.00165	8.87205E-06	0	5.951E-16	-1.9193E-16	-6E-16	1.92E-16	0.005349	0	0.002255	-7.1E-05
0.0017	9.13949E-06	0	5.95E-16	-1.9187E-16	-6E-16	1.92E-16	0.005349	0	-0.00758	0.01306
0.00175	9.40691E-06	0	5.95E-16	-1.9187E-16	-6E-16	1.92E-16	0.005348	0	-0.00451	-0.00473
0.0018	9.67431E-06	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	0.001945	0.0022
0.00185	9.94172E-06	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	0.002315	-0.00088
0.0019	1.02091E-05	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00062	0.000159
0.00195	1.04765E-05	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00338	0.000292
0.002	1.0744E-05	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00109	-0.00066
0.00205	1.10114E-05	0	5.95E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	0.000577	0.000383
0.0021	1.12788E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00027	7.89E-05
0.00215	1.15462E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00153	-0.00068
0.0022	1.18136E-05	0	5.949E-16	-1.9188E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00196	-0.00034
0.00225	1.2081E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	0.001932	0.001601
0.0023	1.23484E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	0.000166	-0.00083
0.00235	1.26158E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00198	-0.00028
0.0024	1.28832E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.00121	0.001742
0.00245	1.31505E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	1.92E-16	0.005348	0	-0.0007	-0.0006
0.0025	1.34179E-05	0	5.647E-16	-7.5135E-17	-5.9E-16	1.92E-16	0.005348	0	-3.23646	25.0494
0.00255	1.36772E-05	0	5.647E-16	-7.5135E-17	-5.6E-16	6.62E-17	0.005186	0	-1.05038	-1.90694

0.0026	1.39339E-05	0	5.647E-16	-7.5138E-17	-5.5E-16	7.35E-17	0.005133	0	1.250961	-0.34805
0.00265	1.41937E-05	0	5.647E-16	-7.5136E-17	-5.6E-16	7.49E-17	0.005196	0	0.95756	-0.05416
0.0027	1.44559E-05	0	5.647E-16	-7.5137E-17	-5.7E-16	7.51E-17	0.005244	0	-0.30506	-0.00837
0.00275	1.47173E-05	0	5.647E-16	-7.5136E-17	-5.7E-16	7.51E-17	0.005229	0	-0.58042	-0.00115
0.0028	1.49773E-05	0	6.351E-16	6.38658E-17	-5.6E-16	7.51E-17	0.0052	0	7.514396	29.82837
0.00285	1.52561E-05	0	6.351E-16	6.38656E-17	-6.5E-16	3.48E-18	0.005575	0	2.52589	14.45217
0.0029	1.55412E-05	0	6.351E-16	6.38663E-17	-6.8E-16	-2E-18	0.005702	0	-3.14843	13.26652
0.00295	1.58184E-05	0	6.351E-16	6.38683E-17	-6.4E-16	-2E-17	0.005544	0	-2.0358	9.446641
0.003	1.60905E-05	0	6.353E-16	6.38141E-17	-6.2E-16	-4.4E-17	0.005442	0	1.036389	4.320332
0.00305	1.63652E-05	0	6.353E-16	6.38106E-17	-6.3E-16	-5.8E-17	0.005494	0	1.306737	1.316711
0.0031	1.66432E-05	0	6.353E-16	6.38381E-17	-6.4E-16	-6.2E-17	0.00556	0	-0.16624	0.324603
0.00315	1.69208E-05	0	6.353E-16	6.38373E-17	-6.4E-16	-6.3E-17	0.005551	0	-0.69745	0.072444
0.0032	1.71966E-05	0	6.353E-16	6.38413E-17	-6.3E-16	-6.4E-17	0.005516	0	-0.10276	0.016754
0.00325	1.74721E-05	0	6.353E-16	6.38372E-17	-6.3E-16	-6.4E-17	0.005511	0	0.320105	0.002784
0.0033	1.77485E-05	0	6.353E-16	6.38394E-17	-6.4E-16	-6.4E-17	0.005527	0	0.135809	0.001067
0.00335	1.80252E-05	0	6.352E-16	6.38378E-17	-6.4E-16	-6.4E-17	0.005534	0	-0.12483	-0.00011
0.0034	1.83016E-05	0	6.352E-16	6.38375E-17	-6.4E-16	-6.4E-17	0.005528	0	-0.1013	-8.1E-05
0.00345	1.85777E-05	0	6.352E-16	6.38381E-17	-6.3E-16	-6.4E-17	0.005523	0	0.033894	0.0001
0.0035	1.8854E-05	0	6.352E-16	6.38383E-17	-6.3E-16	-6.4E-17	0.005524	0	0.059149	6.76E-05
0.00355	1.91303E-05	0	6.352E-16	6.38378E-17	-6.4E-16	-6.4E-17	0.005527	0	-0.00263	-8E-05
0.0036	1.94067E-05	0	6.352E-16	6.38428E-17	-6.4E-16	-6.4E-17	0.005527	0	-0.03071	0.001053
0.00365	1.9683E-05	0	6.352E-16	6.38412E-17	-6.4E-16	-6.4E-17	0.005526	0	-0.00753	-0.00011
0.0037	1.99592E-05	0	6.352E-16	6.38376E-17	-6.4E-16	-6.4E-17	0.005525	0	0.011621	-0.00079
0.00375	2.02355E-05	0	6.352E-16	6.38406E-17	-6.4E-16	-6.4E-17	0.005526	0	0.00599	0.000458
0.0038	2.05118E-05	0	6.352E-16	6.38392E-17	-6.4E-16	-6.4E-17	0.005526	0	-0.00455	-0.0002
0.00385	2.07881E-05	0	6.352E-16	6.38366E-17	-6.4E-16	-6.4E-17	0.005526	0	-0.00576	-0.00061
0.0039	2.10644E-05	0	6.35E-16	6.38273E-17	-6.4E-16	-6.4E-17	0.005526	0	-0.01173	-0.00213
0.00395	2.13407E-05	0	6.35E-16	6.38248E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00092	-0.00099
0.004	2.16169E-05	0	6.35E-16	6.3827E-17	-6.3E-16	-6.4E-17	0.005525	0	0.004301	0.000253
0.00405	2.18932E-05	0	6.35E-16	6.38279E-17	-6.4E-16	-6.4E-17	0.005525	0	0.000766	0.00025
0.0041	2.21695E-05	0	6.35E-16	6.38252E-17	-6.4E-16	-6.4E-17	0.005525	0	-0.00257	-0.00052
0.00415	2.24457E-05	0	6.35E-16	6.38296E-17	-6.4E-16	-6.4E-17	0.005525	0	-0.00212	0.000826
0.0042	2.2722E-05	0	6.35E-16	6.383E-17	-6.3E-16	-6.4E-17	0.005525	0	7.8E-05	0.000272

0.00425	2.29982E-05	0	6.35E-16	6.38282E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00047	-0.00033
0.0043	2.32745E-05	0	6.35E-16	6.3822E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00043	-0.0014
0.00435	2.35508E-05	0	6.35E-16	6.38257E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00095	0.000478
0.0044	2.3827E-05	0	6.35E-16	6.38269E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00079	0.000363
0.00445	2.41033E-05	0	6.349E-16	6.3828E-17	-6.3E-16	-6.4E-17	0.005525	0	-0.00139	0.000308
0.0045	2.43795E-05	0	6.349E-16	6.3826E-17	-6.3E-16	-6.4E-17	0.005525	0	7.43E-05	-0.00036
0.00455	2.46557E-05	0	6.351E-16	6.35312E-17	-6.3E-16	-6.4E-17	0.005525	0	0.013323	-0.06335
0.0046	2.4932E-05	0	6.35E-16	6.35265E-17	-6.4E-16	-6.4E-17	0.005526	0	0.002056	-0.01485
0.00465	2.52083E-05	0	6.35E-16	6.353E-17	-6.4E-16	-6.4E-17	0.005526	0	-0.00705	-0.00253
0.0047	2.54846E-05	0	6.35E-16	6.35303E-17	-6.4E-16	-6.4E-17	0.005525	0	-0.00365	-0.00048
0.00475	2.57608E-05	0	6.35E-16	6.35332E-17	-6.3E-16	-6.4E-17	0.005525	0	0.002098	0.000504
0.0048	2.60371E-05	0	6.35E-16	6.35299E-17	-6.4E-16	-6.4E-17	0.005525	0	0.001149	-0.00059
0.00485	2.63134E-05	0	6.358E-16	6.3299E-17	-6.4E-16	-6.4E-17	0.005525	0	0.084219	-0.04967
0.0049	2.65898E-05	0	6.358E-16	6.32996E-17	-6.4E-16	-6.3E-17	0.00553	0	0.021242	-0.01084
0.00495	2.68664E-05	0	6.358E-16	6.32942E-17	-6.4E-16	-6.3E-17	0.005531	0	-0.03718	-0.00355
0.005	2.71428E-05	0	6.358E-16	6.32978E-17	-6.4E-16	-6.3E-17	0.005529	0	-0.0214	-6.7E-06
0.00505	2.74192E-05	0	6.358E-16	6.32974E-17	-6.4E-16	-6.3E-17	0.005528	0	0.011224	-9.6E-05
0.0051	2.76956E-05	0	6.358E-16	6.32982E-17	-6.4E-16	-6.3E-17	0.005528	0	0.012784	0.000144
0.00515	2.7972E-05	0	6.358E-16	6.32981E-17	-6.4E-16	-6.3E-17	0.005529	0	-0.00292	1.12E-05
0.0052	2.82485E-05	0	6.357E-16	6.32967E-17	-6.4E-16	-6.3E-17	0.005529	0	-0.00823	-0.0003
0.00525	2.85249E-05	0	6.357E-16	6.32976E-17	-6.4E-16	-6.3E-17	0.005528	0	-0.00159	0.000126
0.0053	2.88013E-05	0	6.357E-16	6.33008E-17	-6.4E-16	-6.3E-17	0.005528	0	0.002649	0.000729
0.00535	2.90777E-05	0	6.357E-16	6.32992E-17	-6.4E-16	-6.3E-17	0.005528	0	0.000838	-0.00019
0.0054	2.93541E-05	0	6.357E-16	6.32971E-17	-6.4E-16	-6.3E-17	0.005528	0	-0.00211	-0.00049
0.00545	2.96305E-05	0	6.357E-16	6.32977E-17	-6.4E-16	-6.3E-17	0.005528	0	-0.00215	1.61E-06
0.0055	2.9907E-05	0	6.357E-16	6.3299E-17	-6.4E-16	-6.3E-17	0.005528	0	-0.00075	0.000289
0.00555	3.01834E-05	0	6.357E-16	6.32948E-17	-6.4E-16	-6.3E-17	0.005528	0	-8.5E-06	-0.00085
0.0056	3.04598E-05	0	6.361E-16	6.32875E-17	-6.4E-16	-6.3E-17	0.005528	0	0.04707	-0.00174
0.00565	3.07363E-05	0	6.361E-16	6.3284E-17	-6.4E-16	-6.3E-17	0.00553	0	0.011628	-0.00115
0.0057	3.10128E-05	0	6.361E-16	6.32926E-17	-6.4E-16	-6.3E-17	0.005531	0	-0.02155	0.001605
0.00575	3.12893E-05	0	6.361E-16	6.32906E-17	-6.4E-16	-6.3E-17	0.00553	0	-0.01275	-7.4E-05
0.0058	3.15658E-05	0	6.361E-16	6.32925E-17	-6.4E-16	-6.3E-17	0.005529	0	0.006783	0.000379
0.00585	3.18423E-05	0	6.398E-16	4.89572E-17	-6.4E-16	-6.3E-17	0.00553	0	0.403105	-3.07614

0.0059	3.21198E-05	0	6.398E-16	4.89584E-17	-6.4E-16	-5.3E-17	0.00555	0	0.102433	-0.78633
0.00595	3.23975E-05	0	6.398E-16	4.89551E-17	-6.4E-16	-5E-17	0.005555	0	-0.17524	-0.23567
0.006	3.26749E-05	0	6.397E-16	4.81374E-17	-6.4E-16	-4.9E-17	0.005546	0	-0.10184	-0.24858
0.00605	3.29519E-05	0	6.397E-16	4.8137E-17	-6.4E-16	-4.9E-17	0.005541	0	0.060383	-0.07853
0.0061	3.32291E-05	0	6.397E-16	4.81395E-17	-6.4E-16	-4.8E-17	0.005544	0	0.065668	-0.02455
0.00615	3.35065E-05	0	6.397E-16	4.81384E-17	-6.4E-16	-4.8E-17	0.005547	0	-0.0141	-0.0081
0.0062	3.37838E-05	0	6.397E-16	4.81356E-17	-6.4E-16	-4.8E-17	0.005547	0	-0.0373	-0.0032
0.00625	3.40611E-05	0	6.397E-16	4.81404E-17	-6.4E-16	-4.8E-17	0.005545	0	-0.00355	1.62E-05
0.0063	3.43383E-05	0	5.962E-16	-5.2304E-17	-6.4E-16	-4.8E-17	0.005545	0	-4.64986	-21.5546
0.00635	3.46039E-05	0	5.962E-16	-5.23E-17	-5.9E-16	-4.1E-18	0.005312	0	-1.3404	-12.1014
0.0064	3.48662E-05	0	5.962E-16	-5.2301E-17	-5.7E-16	5.43E-19	0.005245	0	1.892745	-11.1068
0.00645	3.51332E-05	0	5.961E-16	-5.2308E-17	-5.9E-16	1.07E-17	0.00534	0	1.272233	-8.93103
0.0065	3.54033E-05	0	5.961E-16	-5.2308E-17	-6.1E-16	2.82E-17	0.005403	0	-0.56464	-5.18325
0.00655	3.56721E-05	0	5.961E-16	-5.2306E-17	-6E-16	4.21E-17	0.005375	0	-0.8041	-2.19138
0.0066	3.59388E-05	0	5.961E-16	-5.2312E-17	-5.9E-16	4.88E-17	0.005335	0	0.035968	-0.74768
0.00665	3.62057E-05	0	5.961E-16	-5.2308E-17	-5.9E-16	5.12E-17	0.005337	0	0.411902	-0.22916
0.0067	3.64735E-05	0	5.961E-16	-5.1748E-17	-6E-16	5.2E-17	0.005357	0	0.104723	0.052119
0.00675	3.67417E-05	0	5.961E-16	-5.1747E-17	-6E-16	5.18E-17	0.005363	0	-0.17371	0.015485
0.0068	3.70094E-05	0	5.961E-16	-5.1748E-17	-6E-16	5.18E-17	0.005354	0	-0.10619	0.004441
0.00685	3.72768E-05	0	5.961E-16	-5.1753E-17	-6E-16	5.18E-17	0.005349	0	0.053085	0.000199
0.0069	3.75444E-05	0	5.96E-16	-5.1755E-17	-6E-16	5.18E-17	0.005351	0	0.068274	-0.00025
0.00695	3.78121E-05	0	5.96E-16	-5.1759E-17	-6E-16	5.18E-17	0.005355	0	-0.00663	-0.00108
0.007	3.80798E-05	0	5.96E-16	-5.1757E-17	-6E-16	5.18E-17	0.005354	0	-0.03744	0.000137
0.00705	3.83474E-05	0	5.96E-16	-5.1763E-17	-6E-16	5.18E-17	0.005352	0	-0.00907	-0.00114
0.0071	3.8615E-05	0	5.96E-16	-5.1763E-17	-6E-16	5.18E-17	0.005352	0	0.015883	-0.0005
0.00715	3.88827E-05	0	5.96E-16	-5.1766E-17	-6E-16	5.18E-17	0.005353	0	0.007884	-0.0006
0.0072	3.91503E-05	0	5.96E-16	-5.1766E-17	-6E-16	5.18E-17	0.005353	0	-0.00586	-0.00035
0.00725	3.9418E-05	0	5.96E-16	-5.1768E-17	-6E-16	5.18E-17	0.005353	0	-0.00676	-0.00055
0.0073	3.96856E-05	0	5.96E-16	-5.177E-17	-6E-16	5.18E-17	0.005353	0	-0.00077	-0.00041
0.00735	3.99532E-05	0	5.96E-16	-5.177E-17	-6E-16	5.18E-17	0.005353	0	0.003135	-0.00024
0.0074	4.02209E-05	0	5.96E-16	-5.1772E-17	-6E-16	5.18E-17	0.005353	0	9.72E-05	-0.00037
0.00745	4.04885E-05	0	5.96E-16	-5.1773E-17	-6E-16	5.18E-17	0.005353	0	-0.00247	-0.00034
0.0075	4.07561E-05	0	5.959E-16	-5.1779E-17	-6E-16	5.18E-17	0.005353	0	-0.00158	-0.00145

0.00755	4.10238E-05	0	5.959E-16	-5.1779E-17	-6E-16	5.18E-17	0.005352	0	0.000266	-0.00047
0.0076	4.12914E-05	0	5.959E-16	-5.1779E-17	-6E-16	5.18E-17	0.005353	0	-0.00021	-6.2E-05
0.00765	4.1559E-05	0	5.959E-16	-5.1776E-17	-6E-16	5.18E-17	0.005353	0	-0.0011	0.000632
0.0077	4.18266E-05	0	5.959E-16	-5.1782E-17	-6E-16	5.18E-17	0.005352	0	-0.00089	-0.00109
0.00775	4.20943E-05	0	5.959E-16	-5.1784E-17	-6E-16	5.18E-17	0.005352	0	-0.00119	-0.00077
0.0078	4.23619E-05	0	5.959E-16	-5.1786E-17	-6E-16	5.18E-17	0.005352	0	-0.00082	-0.00072
0.00785	4.26295E-05	0	5.959E-16	-5.1787E-17	-6E-16	5.18E-17	0.005352	0	-0.00075	-0.00047
0.0079	4.28971E-05	0	5.959E-16	-5.179E-17	-6E-16	5.18E-17	0.005352	0	-0.00026	-0.0008
0.00795	4.31647E-05	0	5.959E-16	-5.1788E-17	-6E-16	5.18E-17	0.005352	0	-0.0006	0.000335
0.008	4.34323E-05	0	5.959E-16	-5.1792E-17	-6E-16	5.18E-17	0.005352	0	-0.00199	-0.00074
0.00805	4.36999E-05	0	5.958E-16	-5.1794E-17	-6E-16	5.18E-17	0.005352	0	-0.00097	-0.00069
0.0081	4.39675E-05	0	5.958E-16	-5.1798E-17	-6E-16	5.18E-17	0.005352	0	0.000271	-0.00106
0.00815	4.42351E-05	0	5.952E-16	-5.1925E-17	-6E-16	5.18E-17	0.005352	0	-0.06694	-0.02766
0.0082	4.45026E-05	0	5.952E-16	-5.1931E-17	-6E-16	5.19E-17	0.005349	0	-0.02159	-0.00935
0.00825	4.477E-05	0	5.952E-16	-5.193E-17	-5.9E-16	5.19E-17	0.005348	0	0.026237	-0.0026
0.0083	4.50374E-05	0	5.952E-16	-5.1931E-17	-6E-16	5.19E-17	0.005349	0	0.017186	-0.00088
0.00835	4.53049E-05	0	5.952E-16	-5.1934E-17	-6E-16	5.19E-17	0.00535	0	-0.0082	-0.00104
0.0084	4.55724E-05	0	5.952E-16	-5.1933E-17	-6E-16	5.19E-17	0.005349	0	-0.01204	2.72E-05
0.00845	4.58398E-05	0	5.952E-16	-5.1933E-17	-6E-16	5.19E-17	0.005349	0	0.000402	-7.8E-05
0.0085	4.61073E-05	0	5.958E-16	-5.1866E-17	-6E-16	5.19E-17	0.005349	0	0.077344	0.0144
0.00855	4.63749E-05	0	5.958E-16	-5.1871E-17	-6E-16	5.19E-17	0.005353	0	0.022747	0.003215
0.0086	4.66426E-05	0	5.958E-16	-5.1867E-17	-6E-16	5.19E-17	0.005354	0	-0.03251	0.001629
0.00865	4.69102E-05	0	5.958E-16	-5.1871E-17	-6E-16	5.19E-17	0.005352	0	-0.02278	-0.00037
0.0087	4.71777E-05	0	5.958E-16	-5.187E-17	-6E-16	5.19E-17	0.005351	0	0.00913	0.000195
0.00875	4.74453E-05	0	5.958E-16	-5.1871E-17	-6E-16	5.19E-17	0.005352	0	0.014015	-0.00023
0.0088	4.77129E-05	0	5.958E-16	-5.1876E-17	-6E-16	5.19E-17	0.005352	0	-0.00203	-0.00106
0.00885	4.79805E-05	0	5.958E-16	-5.1877E-17	-6E-16	5.19E-17	0.005352	0	-0.00852	-0.00049
0.0089	4.82481E-05	0	5.958E-16	-5.1879E-17	-6E-16	5.19E-17	0.005352	0	-0.00236	-0.00068
0.00895	4.85157E-05	0	5.958E-16	-5.1882E-17	-6E-16	5.19E-17	0.005352	0	0.00298	-0.00069
0.009	4.87833E-05	0	5.958E-16	-5.1886E-17	-6E-16	5.19E-17	0.005352	0	0.000463	-0.00124
0.00905	4.90509E-05	0	5.951E-16	-5.2015E-17	-6E-16	5.19E-17	0.005352	0	-0.06846	-0.02794
0.0091	4.93183E-05	0	5.951E-16	-5.1999E-17	-6E-16	5.2E-17	0.005348	0	-0.02177	-0.00487
0.00915	4.95857E-05	0	5.951E-16	-5.2E-17	-5.9E-16	5.2E-17	0.005347	0	0.026759	-0.00162

0.0092	4.98531E-05	0	5.951E-16	-5.1999E-17	-6E-16	5.2E-17	0.005349	0	0.017968	-0.00033
0.00925	5.01206E-05	0	5.951E-16	-5.2004E-17	-6E-16	5.2E-17	0.005349	0	-0.00833	-0.00109
0.0093	5.0388E-05	0	5.951E-16	-5.2004E-17	-6E-16	5.2E-17	0.005349	0	-0.01285	-0.00037
0.00935	5.06554E-05	0	5.951E-16	-5.2003E-17	-6E-16	5.2E-17	0.005348	0	-0.00035	0.000153
0.0094	5.09229E-05	0	5.951E-16	-5.2004E-17	-6E-16	5.2E-17	0.005348	0	0.005662	-0.00017
0.00945	5.11903E-05	0	5.951E-16	-5.2005E-17	-6E-16	5.2E-17	0.005349	0	0.000243	-0.00027
0.0095	5.14577E-05	0	5.951E-16	-5.2008E-17	-6E-16	5.2E-17	0.005349	0	-0.00361	-0.00079
0.00955	5.17252E-05	0	5.95E-16	-5.2011E-17	-6E-16	5.2E-17	0.005349	0	-0.00154	-0.00069
0.0096	5.19926E-05	0	5.95E-16	-5.2014E-17	-6E-16	5.2E-17	0.005348	0	-0.00071	-0.00105
0.00965	5.226E-05	0	5.95E-16	-5.2012E-17	-6E-16	5.2E-17	0.005348	0	0.000708	0.000226
0.0097	5.25274E-05	0	5.949E-16	-5.1948E-17	-6E-16	5.2E-17	0.005348	0	-0.00837	0.013879
0.00975	5.27948E-05	0	5.949E-16	-5.1949E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00343	0.003698
0.0098	5.30622E-05	0	5.949E-16	-5.1952E-17	-5.9E-16	5.2E-17	0.005348	0	0.002472	0.000427
0.00985	5.33296E-05	0	5.949E-16	-5.1947E-17	-5.9E-16	5.2E-17	0.005348	0	0.000951	0.001245
0.0099	5.3597E-05	0	5.949E-16	-5.1955E-17	-5.9E-16	5.19E-17	0.005348	0	-0.00105	-0.00128
0.00995	5.38644E-05	0	5.949E-16	-5.196E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00225	-0.00137
0.01	5.41318E-05	0	5.949E-16	-5.1958E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00074	-0.00013
0.01005	5.43992E-05	0	5.949E-16	-5.1962E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00015	-0.00081
0.0101	5.46666E-05	0	5.949E-16	-5.1961E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00079	-0.00011
0.01015	5.4934E-05	0	5.949E-16	-5.1964E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00115	-0.00066
0.0102	5.52014E-05	0	5.949E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.005348	0	-0.0007	-0.0012
0.01025	5.54687E-05	0	5.949E-16	-5.1968E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00041	-0.00014
0.0103	5.57361E-05	0	5.949E-16	-5.197E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00022	-0.00046
0.01035	5.60035E-05	0	5.948E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00149	-2.1E-05
0.0104	5.62709E-05	0	5.948E-16	-5.1971E-17	-5.9E-16	5.2E-17	0.005348	0	-0.0015	-0.00042
0.01045	5.65383E-05	0	5.948E-16	-5.197E-17	-5.9E-16	5.2E-17	0.005348	0	0.000326	0.000113
0.0105	5.68056E-05	0	5.948E-16	-5.1976E-17	-5.9E-16	5.2E-17	0.005348	0	-0.00104	-0.00128
0.01055	5.7073E-05	0	5.948E-16	-5.1975E-17	-5.9E-16	5.2E-17	0.005347	0	-0.0012	-0.00021
0.0106	5.73404E-05	0	5.948E-16	-5.1977E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00098	-0.0005
0.01065	5.76078E-05	0	5.948E-16	-5.198E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00051	-0.00078
0.0107	5.78751E-05	0	5.948E-16	-5.1981E-17	-5.9E-16	5.2E-17	0.005347	0	0.000133	-0.00045
0.01075	5.81425E-05	0	5.948E-16	-5.1984E-17	-5.9E-16	5.2E-17	0.005347	0	8.69E-05	-0.00061
0.0108	5.84099E-05	0	5.948E-16	-5.1986E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00119	-0.00061

0.01085	5.86772E-05	0	5.948E-16	-5.1983E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00149	0.000394
0.0109	5.89446E-05	0	5.947E-16	-5.1987E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00128	-0.00076
0.01095	5.92119E-05	0	5.947E-16	-5.1988E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00061	-0.00042
0.011	5.94793E-05	0	5.947E-16	-5.1988E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00025	-0.00013
0.01105	5.97467E-05	0	5.947E-16	-5.1996E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00115	-0.00171
0.0111	6.0014E-05	0	5.947E-16	-5.1993E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00081	0.000129
0.01115	6.02814E-05	0	5.947E-16	-5.1975E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00331	0.003938
0.0112	6.05487E-05	0	5.947E-16	-5.1976E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00143	0.000906
0.01125	6.0816E-05	0	5.947E-16	-5.1981E-17	-5.9E-16	5.2E-17	0.005347	0	0.000211	-0.00089
0.0113	6.10834E-05	0	5.947E-16	-5.1978E-17	-5.9E-16	5.2E-17	0.005347	0	2.27E-05	0.000327
0.01135	6.13507E-05	0	5.947E-16	-5.1981E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00062	-0.0004
0.0114	6.16181E-05	0	5.946E-16	-5.1986E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00183	-0.00131
0.01145	6.18854E-05	0	5.946E-16	-5.1984E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00057	4.52E-05
0.0115	6.21527E-05	0	5.946E-16	-5.1986E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00106	-0.00041
0.01155	6.242E-05	0	5.946E-16	-5.1986E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00031	3.5E-05
0.0116	6.26874E-05	0	5.946E-16	-5.1987E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00021	-0.00023
0.01165	6.29547E-05	0	5.946E-16	-5.1993E-17	-5.9E-16	5.2E-17	0.005347	0	-0.00022	-0.00145
0.0117	6.3222E-05	0	5.946E-16	-5.2002E-17	-5.9E-16	5.2E-17	0.005347	0	-0.0009	-0.00225
0.01175	6.34894E-05	0	5.946E-16	-5.2002E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00073	-0.00069
0.0118	6.37567E-05	0	5.946E-16	-5.2003E-17	-5.9E-16	5.2E-17	0.005346	0	-0.0009	-0.0005
0.01185	6.4024E-05	0	5.946E-16	-5.2008E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00065	-0.00113
0.0119	6.42913E-05	0	5.946E-16	-5.2008E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00107	-0.00033
0.01195	6.45586E-05	0	5.946E-16	-5.2011E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00034	-0.00085
0.012	6.4826E-05	0	5.946E-16	-5.2013E-17	-5.9E-16	5.2E-17	0.005346	0	8.49E-06	-0.00057
0.01205	6.50933E-05	0	5.945E-16	-5.2015E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00134	-0.00058
0.0121	6.53606E-05	0	5.945E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00077	-0.00068
0.01215	6.56279E-05	0	5.945E-16	-5.2014E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00085	0.000408
0.0122	6.58952E-05	0	5.945E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00054	-0.00043
0.01225	6.61625E-05	0	5.945E-16	-5.202E-17	-5.9E-16	5.2E-17	0.005346	0	-0.0012	-0.00086
0.0123	6.64298E-05	0	5.945E-16	-5.2019E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00056	-6.5E-05
0.01235	6.66971E-05	0	5.945E-16	-5.202E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00056	-0.00014
0.0124	6.69644E-05	0	5.945E-16	-5.2024E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00114	-0.00087
0.01245	6.72317E-05	0	5.945E-16	-5.2022E-17	-5.9E-16	5.2E-17	0.005346	0	0.000133	0.000144

0.0125	6.7499E-05	0	5.945E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00055	-0.00054
0.01255	6.77663E-05	0	5.945E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00135	-0.00029
0.0126	6.80336E-05	0	5.944E-16	-5.2028E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00143	-0.00063
0.01265	6.83009E-05	0	5.944E-16	-5.203E-17	-5.9E-16	5.2E-17	0.005346	0	-3.9E-05	-0.0007
0.0127	6.85682E-05	0	5.944E-16	-5.2028E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00014	0.000178
0.01275	6.88355E-05	0	5.944E-16	-5.2032E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00137	-0.00076
0.0128	6.91028E-05	0	5.944E-16	-5.2034E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00181	-0.00054
0.01285	6.937E-05	0	5.944E-16	-5.2038E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00061	-0.0011
0.0129	6.96373E-05	0	5.944E-16	-5.204E-17	-5.9E-16	5.2E-17	0.005346	0	0.00046	-0.00072
0.01295	6.99046E-05	0	5.944E-16	-5.2041E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00059	-0.00047
0.013	7.01719E-05	0	5.944E-16	-5.2041E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00147	2.97E-06
0.01305	7.04392E-05	0	5.944E-16	-5.2041E-17	-5.9E-16	5.2E-17	0.005346	0	-0.00113	-0.00019
0.0131	7.07064E-05	0	5.944E-16	-5.2046E-17	-5.9E-16	5.2E-17	0.005345	0	-0.00067	-0.00098
0.01315	7.09737E-05	0	5.944E-16	-5.2046E-17	-5.9E-16	5.2E-17	0.005345	0	0.000743	-0.00034
0.0132	7.1241E-05	0	5.944E-16	-5.2046E-17	-5.9E-16	5.2E-17	0.005345	0	-0.00136	-0.00013
0.01325	7.15082E-05	0	5.943E-16	-5.2047E-17	-5.9E-16	5.2E-17	0.005345	0	-0.00178	-0.00019
0.0133	7.17755E-05	0	5.943E-16	-5.2051E-17	-5.9E-16	5.2E-17	0.005345	0	-0.00088	-0.00102
0.01335	7.20428E-05	0	5.943E-16	-5.2052E-17	-5.9E-16	5.2E-17	0.005345	0	-0.00047	-0.0005
0.0134	7.231E-05	0	5.943E-16	-5.2054E-17	-5.9E-16	5.21E-17	0.005345	0	-0.00075	-0.00057
0.01345	7.25773E-05	0	5.943E-16	-5.2056E-17	-5.9E-16	5.21E-17	0.005345	0	-0.0009	-0.00062
0.0135	7.28446E-05	0	5.943E-16	-5.2056E-17	-5.9E-16	5.21E-17	0.005345	0	-0.00085	-0.0001
0.01355	7.31118E-05	0	5.943E-16	-5.2061E-17	-5.9E-16	5.21E-17	0.005345	0	2.66E-05	-0.00116
0.0136	7.33791E-05	0	5.943E-16	-5.2061E-17	-5.9E-16	5.21E-17	0.005345	0	-0.00051	-0.00029
0.01365	7.36463E-05	0	5.943E-16	-5.2058E-17	-5.9E-16	5.21E-17	0.005345	0	-0.00141	0.000619
0.0137	7.39136E-05	0	5.943E-16	-5.2062E-17	-5.9E-16	5.21E-17	0.005345	0	-0.0009	-0.00085
0.01375	7.41808E-05	0	5.943E-16	-5.2065E-17	-5.9E-16	5.21E-17	0.005345	0	-0.0005	-0.00082
0.0138	7.44481E-05	0	5.942E-16	-5.2066E-17	-5.9E-16	5.21E-17	0.005345	0	-0.00065	-0.00035
0.01385	7.47153E-05	0	5.938E-16	-5.2015E-17	-5.9E-16	5.21E-17	0.005345	0	-0.0487	0.01071
0.0139	7.49824E-05	0	5.938E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.005342	0	-0.01637	0.002763
0.01395	7.52495E-05	0	5.938E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.005342	0	0.018108	0.000768
0.014	7.55167E-05	0	5.938E-16	-5.2021E-17	-5.9E-16	5.2E-17	0.005343	0	0.01317	-0.00058
0.01405	7.57838E-05	0	5.938E-16	-5.202E-17	-5.9E-16	5.2E-17	0.005343	0	-0.00614	-4.1E-05
0.0141	7.6051E-05	0	5.937E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.005343	0	-0.00992	-0.0011

0.01415	7.63181E-05	0	5.937E-16	-5.2028E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00049	-0.00092
0.0142	7.65852E-05	0	5.937E-16	-5.2024E-17	-5.9E-16	5.2E-17	0.005342	0	0.003523	0.000568
0.01425	7.68523E-05	0	5.937E-16	-5.2029E-17	-5.9E-16	5.2E-17	0.005343	0	0.00117	-0.00084
0.0143	7.71195E-05	0	5.937E-16	-5.203E-17	-5.9E-16	5.2E-17	0.005343	0	-0.00153	-0.00046
0.01435	7.73866E-05	0	5.937E-16	-5.2029E-17	-5.9E-16	5.2E-17	0.005343	0	-0.00257	5.62E-05
0.0144	7.76537E-05	0	5.937E-16	-5.2033E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00046	-0.00087
0.01445	7.79208E-05	0	5.937E-16	-5.2033E-17	-5.9E-16	5.2E-17	0.005342	0	8.09E-05	-0.00021
0.0145	7.8188E-05	0	5.937E-16	-5.2035E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00168	-0.00041
0.01455	7.84551E-05	0	5.937E-16	-5.2037E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00157	-0.00063
0.0146	7.87222E-05	0	5.936E-16	-5.1979E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00164	0.012219
0.01465	7.89893E-05	0	5.936E-16	-5.1979E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00088	0.003684
0.0147	7.92564E-05	0	5.936E-16	-5.1984E-17	-5.9E-16	5.2E-17	0.005342	0	-0.00061	-5.2E-05
0.01475	7.95235E-05	0	5.935E-16	-5.1776E-17	-5.9E-16	5.2E-17	0.005342	0	-0.01321	0.044558
0.0148	7.97906E-05	0	5.935E-16	-5.1776E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00423	0.013158
0.01485	8.00576E-05	0	5.935E-16	-5.179E-17	-5.9E-16	5.18E-17	0.005341	0	0.004035	0.000953
0.0149	8.03247E-05	0	5.935E-16	-5.1787E-17	-5.9E-16	5.18E-17	0.005341	0	0.001928	0.000988
0.01495	8.05918E-05	0	5.935E-16	-5.1793E-17	-5.9E-16	5.18E-17	0.005342	0	-0.00091	-0.00116
0.015	8.08589E-05	0	5.935E-16	-5.1793E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00282	-0.00032
0.01505	8.11259E-05	0	5.934E-16	-5.1792E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00209	0.000139
0.0151	8.1393E-05	0	5.934E-16	-5.1797E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00049	-0.00097
0.01515	8.16601E-05	0	5.934E-16	-5.1796E-17	-5.9E-16	5.18E-17	0.005341	0	0.001241	1.78E-05
0.0152	8.19271E-05	0	5.934E-16	-5.1799E-17	-5.9E-16	5.18E-17	0.005341	0	0.000358	-0.00077
0.01525	8.21942E-05	0	5.934E-16	-5.1796E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00237	0.000469
0.0153	8.24612E-05	0	5.934E-16	-5.1801E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00191	-0.0009
0.01535	8.27283E-05	0	5.934E-16	-5.18E-17	-5.9E-16	5.18E-17	0.005341	0	0.000502	-9.4E-05
0.0154	8.29954E-05	0	5.934E-16	-5.1802E-17	-5.9E-16	5.18E-17	0.005341	0	0.000457	-0.00037
0.01545	8.32624E-05	0	5.934E-16	-5.1804E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00151	-0.00057
0.0155	8.35295E-05	0	5.934E-16	-5.1805E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00251	-0.00052
0.01555	8.37965E-05	0	5.934E-16	-5.181E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00025	-0.00119
0.0156	8.40636E-05	0	5.933E-16	-5.1809E-17	-5.9E-16	5.18E-17	0.005341	0	-0.00049	-0.00017
0.01565	8.43306E-05	0	5.933E-16	-5.181E-17	-5.9E-16	5.18E-17	0.005341	0	3.7E-05	-0.00024
0.0157	8.45976E-05	0	5.918E-16	-5.0943E-17	-5.9E-16	5.18E-17	0.005341	0	-0.16944	0.186093
0.01575	8.48643E-05	0	5.918E-16	-5.095E-17	-5.9E-16	5.12E-17	0.005332	0	-0.05264	0.0539

0.0158	8.51308E-05	0	5.918E-16	-5.0949E-17	-5.9E-16	5.1E-17	0.00533	0	0.067254	0.016325
0.01585	8.53974E-05	0	5.917E-16	-5.0949E-17	-5.9E-16	5.1E-17	0.005333	0	0.045625	0.004907
0.0159	8.56642E-05	0	5.917E-16	-5.095E-17	-5.9E-16	5.1E-17	0.005335	0	-0.01958	0.00135
0.01595	8.59309E-05	0	5.917E-16	-5.0954E-17	-5.9E-16	5.1E-17	0.005334	0	-0.03067	-0.00047
0.016	8.61976E-05	0	5.917E-16	-5.0958E-17	-5.9E-16	5.1E-17	0.005333	0	3.06E-05	-0.00104
0.01605	8.64642E-05	0	5.917E-16	-5.0957E-17	-5.9E-16	5.1E-17	0.005333	0	0.014437	-0.00022
0.0161	8.67309E-05	0	5.917E-16	-5.096E-17	-5.9E-16	5.1E-17	0.005334	0	0.003316	-0.00065
0.01615	8.69976E-05	0	5.917E-16	-5.0958E-17	-5.9E-16	5.1E-17	0.005334	0	-0.00714	0.000262
0.0162	8.72642E-05	0	5.917E-16	-5.0963E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00489	-0.001
0.01625	8.75309E-05	0	5.917E-16	-5.0966E-17	-5.9E-16	5.1E-17	0.005333	0	0.000788	-0.0009
0.0163	8.77976E-05	0	5.917E-16	-5.0963E-17	-5.9E-16	5.1E-17	0.005333	0	0.002365	0.000245
0.01635	8.80642E-05	0	5.917E-16	-5.0964E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00112	6.74E-06
0.0164	8.83309E-05	0	5.916E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00266	-0.00064
0.01645	8.85976E-05	0	5.916E-16	-5.0968E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00112	-0.00045
0.0165	8.88642E-05	0	5.916E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.005333	0	0.001021	0.00016
0.01655	8.91309E-05	0	5.916E-16	-5.0962E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00017	0.000945
0.0166	8.93975E-05	0	5.916E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00203	-0.0008
0.01665	8.96642E-05	0	5.916E-16	-5.0974E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00085	-0.00155
0.0167	8.99308E-05	0	5.916E-16	-5.0971E-17	-5.9E-16	5.1E-17	0.005333	0	-0.0001	3.41E-05
0.01675	9.01975E-05	0	5.916E-16	-5.0977E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00035	-0.00131
0.0168	9.04641E-05	0	5.916E-16	-5.0975E-17	-5.9E-16	5.1E-17	0.005333	0	-0.0007	4.44E-05
0.01685	9.07308E-05	0	5.916E-16	-5.0975E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00112	5.13E-05
0.0169	9.09974E-05	0	5.916E-16	-5.0978E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00197	-0.00051
0.01695	9.12641E-05	0	5.916E-16	-5.0978E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00025	-0.00026
0.017	9.15307E-05	0	5.916E-16	-5.0979E-17	-5.9E-16	5.1E-17	0.005333	0	-5.8E-05	-0.00026
0.01705	9.17973E-05	0	5.915E-16	-5.0982E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00088	-0.00078
0.0171	9.2064E-05	0	5.915E-16	-5.0986E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00093	-0.00105
0.01715	9.23306E-05	0	5.915E-16	-5.099E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00071	-0.00125
0.0172	9.25973E-05	0	5.915E-16	-5.0988E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00107	5.26E-05
0.01725	9.28639E-05	0	5.915E-16	-5.099E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00062	-0.0003
0.0173	9.31305E-05	0	5.915E-16	-5.099E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00142	-0.00021
0.01735	9.33971E-05	0	5.915E-16	-5.0991E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00017	-9.4E-05
0.0174	9.36638E-05	0	5.915E-16	-5.0996E-17	-5.9E-16	5.1E-17	0.005333	0	-0.00036	-0.00124

0.01745	9.39304E-05	0	5.915E-16	-5.0996E-17	-5.9E-16	5.1E-17	0.005332	0	-0.00073	-0.00034
0.0175	9.4197E-05	0	5.915E-16	-5.0998E-17	-5.9E-16	5.1E-17	0.005332	0	-0.00138	-0.00048
0.01755	9.44636E-05	0	5.915E-16	-5.1001E-17	-5.9E-16	5.1E-17	0.005332	0	-0.00054	-0.00079
0.0176	9.47302E-05	0	5.915E-16	-5.0999E-17	-5.9E-16	5.1E-17	0.005332	0	7.99E-07	0.000195
0.01765	9.49969E-05	0	5.914E-16	-5.1E-17	-5.9E-16	5.1E-17	0.005332	0	-0.00042	-0.00028
0.0177	9.52635E-05	0	5.915E-16	-5.1082E-17	-5.9E-16	5.1E-17	0.005332	0	0.003435	-0.01762
0.01775	9.55301E-05	0	5.915E-16	-5.1087E-17	-5.9E-16	5.11E-17	0.005333	0	0.000323	-0.00641
0.0178	9.57967E-05	0	5.915E-16	-5.1086E-17	-5.9E-16	5.11E-17	0.005333	0	-0.00357	-0.00161
0.01785	9.60633E-05	0	5.914E-16	-5.1076E-17	-5.9E-16	5.11E-17	0.005332	0	-0.00171	0.001717
0.0179	9.633E-05	0	5.914E-16	-5.108E-17	-5.9E-16	5.11E-17	0.005332	0	0.000338	-0.00037
0.01795	9.65966E-05	0	5.914E-16	-5.1074E-17	-5.9E-16	5.11E-17	0.005332	0	0.000302	0.001089
0.018	9.68632E-05	0	5.915E-16	-4.7861E-17	-5.9E-16	5.11E-17	0.005332	0	0.008234	0.689872
0.01805	9.71298E-05	0	5.915E-16	-4.7867E-17	-5.9E-16	4.89E-17	0.005333	0	0.001816	0.211215
0.0181	9.73965E-05	0	5.915E-16	-4.7872E-17	-5.9E-16	4.82E-17	0.005333	0	-0.00509	0.066257
0.01815	9.76631E-05	0	5.915E-16	-4.7872E-17	-5.9E-16	4.8E-17	0.005333	0	-0.00324	0.021238
0.0182	9.79297E-05	0	5.915E-16	-4.7875E-17	-5.9E-16	4.79E-17	0.005332	0	0.001631	0.006179
0.01825	9.81963E-05	0	5.915E-16	-4.7874E-17	-5.9E-16	4.79E-17	0.005332	0	0.000897	0.002214
0.0183	9.8463E-05	0	5.915E-16	-4.7877E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00106	4.33E-05
0.01835	9.87296E-05	0	5.915E-16	-4.7876E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00184	0.000249
0.0184	9.89962E-05	0	5.914E-16	-4.788E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00152	-0.00072
0.01845	9.92628E-05	0	5.914E-16	-4.7878E-17	-5.9E-16	4.79E-17	0.005332	0	-9E-06	0.000165
0.0185	9.95294E-05	0	5.914E-16	-4.7884E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00016	-0.0011
0.01855	9.9796E-05	0	5.914E-16	-4.7881E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00067	0.000217
0.0186	0.000100063	0	5.914E-16	-4.7882E-17	-5.9E-16	4.79E-17	0.005332	0	-2.4E-05	-6.6E-05
0.01865	0.000100329	0	5.914E-16	-4.7887E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00183	-0.00125
0.0187	0.000100596	0	5.914E-16	-4.7892E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00165	-0.00136
0.01875	0.000100862	0	5.914E-16	-4.7891E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00091	-0.00035
0.0188	0.000101129	0	5.914E-16	-4.7893E-17	-5.9E-16	4.79E-17	0.005332	0	0.000614	-0.00038
0.01885	0.000101396	0	5.914E-16	-4.7897E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00064	-0.00101
0.0189	0.000101662	0	5.914E-16	-4.7894E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00114	0.00032
0.01895	0.000101929	0	5.914E-16	-4.7892E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00151	0.000492
0.019	0.000102195	0	5.913E-16	-4.7901E-17	-5.9E-16	4.79E-17	0.005332	0	-0.0009	-0.00169
0.01905	0.000102462	0	5.913E-16	-4.79E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00041	-0.00052

0.0191	0.000102729	0	5.913E-16	-4.7903E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00049	-0.00062
0.01915	0.000102995	0	5.912E-16	-4.7944E-17	-5.9E-16	4.79E-17	0.005332	0	-0.00892	-0.00912
0.0192	0.000103262	0	5.912E-16	-4.7943E-17	-5.9E-16	4.79E-17	0.005331	0	-0.0026	-0.00273
0.01925	0.000103528	0	5.912E-16	-4.7945E-17	-5.9E-16	4.79E-17	0.005331	0	0.002511	-0.00117
0.0193	0.000103795	0	5.912E-16	-4.7948E-17	-5.9E-16	4.79E-17	0.005331	0	0.001076	-0.00104
0.01935	0.000104062	0	5.912E-16	-4.7949E-17	-5.9E-16	4.79E-17	0.005331	0	-0.00282	-0.00073
0.0194	0.000104328	0	5.912E-16	-4.7957E-17	-5.9E-16	4.79E-17	0.005331	0	-0.00209	-0.0018
0.01945	0.000104595	0	5.912E-16	-4.7953E-17	-5.9E-16	4.8E-17	0.005331	0	0.000286	0.000198
0.0195	0.000104861	0	5.912E-16	-4.7951E-17	-5.9E-16	4.8E-17	0.005331	0	0.000269	0.000595
0.01955	0.000105128	0	5.912E-16	-4.7953E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00075	-0.00038
0.0196	0.000105394	0	5.912E-16	-4.7956E-17	-5.9E-16	4.8E-17	0.005331	0	-0.0014	-0.00061
0.01965	0.000105661	0	5.912E-16	-4.7958E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00139	-0.00072
0.0197	0.000105927	0	5.912E-16	-4.7961E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00058	-0.00087
0.01975	0.000106194	0	5.911E-16	-4.7959E-17	-5.9E-16	4.8E-17	0.005331	0	-7.2E-06	0.000183
0.0198	0.00010646	0	5.911E-16	-4.7965E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00015	-0.00131
0.01985	0.000106727	0	5.911E-16	-4.7966E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00175	-0.00059
0.0199	0.000106994	0	5.911E-16	-4.7965E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00102	3.85E-05
0.01995	0.00010726	0	5.911E-16	-4.7964E-17	-5.9E-16	4.8E-17	0.005331	0	0.000119	0.000123
0.02	0.000107527	0	5.911E-16	-4.7965E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00093	-8.2E-05
0.02005	0.000107793	0	5.911E-16	-4.7971E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00122	-0.00138
0.0201	0.00010806	0	5.911E-16	-4.7969E-17	-5.9E-16	4.8E-17	0.005331	0	0.000543	0.000154
0.02015	0.000108326	0	5.911E-16	-4.7972E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00136	-0.00061
0.0202	0.000108593	0	5.911E-16	-4.7974E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00151	-0.00067
0.02025	0.000108859	0	5.911E-16	-4.7974E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00072	-0.00015
0.0203	0.000109126	0	5.911E-16	-4.7976E-17	-5.9E-16	4.8E-17	0.005331	0	-8.6E-05	-0.00062
0.02035	0.000109392	0	5.91E-16	-4.7982E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00126	-0.0014
0.0204	0.000109659	0	5.91E-16	-4.7978E-17	-5.9E-16	4.8E-17	0.005331	0	-0.00134	0.000428
0.02045	0.000109925	0	5.91E-16	-4.7982E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00017	-0.00081
0.0205	0.000110192	0	5.91E-16	-4.7983E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00066	-0.00054
0.02055	0.000110458	0	5.91E-16	-4.7983E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00083	-0.00012
0.0206	0.000110725	0	5.91E-16	-4.7985E-17	-5.9E-16	4.8E-17	0.00533	0	-0.0011	-0.00049
0.02065	0.000110992	0	5.91E-16	-4.7987E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00078	-0.00048
0.0207	0.000111258	0	5.91E-16	-4.7986E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00049	4.69E-05

0.02075	0.000111525	0	5.91E-16	-4.7988E-17	-5.9E-16	4.8E-17	0.00533	0	-3E-05	-0.00051
0.0208	0.000111791	0	5.91E-16	-4.7993E-17	-5.9E-16	4.8E-17	0.00533	0	-0.0011	-0.00117
0.02085	0.000112058	0	5.91E-16	-4.7995E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00112	-0.00073
0.0209	0.000112324	0	5.909E-16	-4.7998E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00144	-0.001
0.02095	0.000112591	0	5.909E-16	-4.7997E-17	-5.9E-16	4.8E-17	0.00533	0	8.6E-05	-6E-05
0.021	0.000112857	0	5.909E-16	-4.7994E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00052	0.00063
0.02105	0.000113124	0	5.909E-16	-4.8E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00081	-0.00102
0.0211	0.00011339	0	5.909E-16	-4.8001E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00086	-0.00064
0.02115	0.000113657	0	5.909E-16	-4.7998E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00118	0.000544
0.0212	0.000113923	0	5.909E-16	-4.8005E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00045	-0.00147
0.02125	0.00011419	0	5.909E-16	-4.7999E-17	-5.9E-16	4.8E-17	0.00533	0	-0.0009	0.000927
0.0213	0.000114456	0	5.909E-16	-4.8007E-17	-5.9E-16	4.8E-17	0.00533	0	0.000117	-0.00141
0.02135	0.000114723	0	5.909E-16	-4.8006E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00091	-0.0003
0.0214	0.000114989	0	5.909E-16	-4.8006E-17	-5.9E-16	4.8E-17	0.00533	0	-0.00153	-8.4E-05
0.02145	0.000115256	0	5.904E-16	-4.7757E-17	-5.9E-16	4.8E-17	0.00533	0	-0.05535	0.053435
0.0215	0.000115522	0	5.903E-16	-4.7757E-17	-5.9E-16	4.78E-17	0.005327	0	-0.01801	0.017102
0.02155	0.000115788	0	5.903E-16	-4.775E-17	-5.9E-16	4.78E-17	0.005326	0	0.021027	0.007022
0.0216	0.000116055	0	5.903E-16	-4.7753E-17	-5.9E-16	4.78E-17	0.005327	0	0.01414	0.001645
0.02165	0.000116321	0	5.903E-16	-4.7754E-17	-5.9E-16	4.78E-17	0.005328	0	-0.00679	0.000471
0.0217	0.000116587	0	5.903E-16	-4.7752E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00943	0.000464
0.02175	0.000116854	0	5.903E-16	-4.7759E-17	-5.9E-16	4.78E-17	0.005327	0	-8.3E-05	-0.00134
0.0218	0.00011712	0	5.903E-16	-4.7757E-17	-5.9E-16	4.78E-17	0.005327	0	0.003288	2.02E-05
0.02185	0.000117386	0	5.903E-16	-4.776E-17	-5.9E-16	4.78E-17	0.005327	0	-0.0001	-0.00057
0.0219	0.000117653	0	5.903E-16	-4.7755E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00234	0.000849
0.02195	0.000117919	0	5.903E-16	-4.7761E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00175	-0.00097
0.022	0.000118185	0	5.903E-16	-4.7765E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00051	-0.00135
0.02205	0.000118452	0	5.902E-16	-4.7779E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00053	-0.00334
0.0221	0.000118718	0	5.902E-16	-4.7781E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00052	-0.00162
0.02215	0.000118984	0	5.902E-16	-4.7782E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00103	-0.00057
0.0222	0.000119251	0	5.902E-16	-4.7782E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00084	-0.00034
0.02225	0.000119517	0	5.902E-16	-4.7786E-17	-5.9E-16	4.78E-17	0.005327	0	-6.5E-05	-0.00092
0.0223	0.000119783	0	5.902E-16	-4.7786E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00135	-0.00035
0.02235	0.00012005	0	5.902E-16	-4.7787E-17	-5.9E-16	4.78E-17	0.005327	0	-0.0006	-0.00018

0.0224	0.000120316	0	5.902E-16	-4.7789E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00033	-0.00057
0.02245	0.000120582	0	5.902E-16	-4.7791E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00095	-0.00064
0.0225	0.000120849	0	5.902E-16	-4.7792E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00152	-0.00047
0.02255	0.000121115	0	5.902E-16	-4.7792E-17	-5.9E-16	4.78E-17	0.005327	0	-0.00046	-1E-04
0.0226	0.000121381	0	5.902E-16	-4.7789E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00059	0.000626
0.02265	0.000121648	0	5.901E-16	-4.7787E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00077	0.000658
0.0227	0.000121914	0	5.901E-16	-4.7789E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00032	-0.00028
0.02275	0.00012218	0	5.901E-16	-4.7793E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00053	-0.00087
0.0228	0.000122447	0	5.901E-16	-4.7792E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00103	-3E-07
0.02285	0.000122713	0	5.901E-16	-4.7793E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00046	-0.00035
0.0229	0.000122979	0	5.901E-16	-4.7796E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00063	-0.00081
0.02295	0.000123246	0	5.901E-16	-4.7795E-17	-5.9E-16	4.78E-17	0.005326	0	-0.0009	-4.3E-05
0.023	0.000123512	0	5.901E-16	-4.78E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00066	-0.001
0.02305	0.000123778	0	5.901E-16	-4.7801E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00096	-0.0005
0.0231	0.000124045	0	5.901E-16	-4.7803E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00124	-0.00062
0.02315	0.000124311	0	5.901E-16	-4.7801E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00094	0.000316
0.0232	0.000124577	0	5.901E-16	-4.7804E-17	-5.9E-16	4.78E-17	0.005326	0	0.000284	-0.00054
0.02325	0.000124844	0	5.9E-16	-4.7799E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00065	0.000739
0.0233	0.00012511	0	5.9E-16	-4.7806E-17	-5.9E-16	4.78E-17	0.005326	0	-0.0008	-0.00111
0.02335	0.000125376	0	5.9E-16	-4.7806E-17	-5.9E-16	4.78E-17	0.005326	0	-0.0013	-0.00053
0.0234	0.000125642	0	5.9E-16	-4.781E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00056	-0.00096
0.02345	0.000125909	0	5.9E-16	-4.7807E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00038	0.000329
0.0235	0.000126175	0	5.9E-16	-4.7811E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00109	-0.00075
0.02355	0.000126441	0	5.9E-16	-4.7813E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00106	-0.00054
0.0236	0.000126708	0	5.9E-16	-4.7812E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00076	-6.3E-06
0.02365	0.000126974	0	5.9E-16	-4.7819E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00031	-0.00151
0.0237	0.00012724	0	5.9E-16	-4.782E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00067	-0.00079
0.02375	0.000127506	0	5.9E-16	-4.7817E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00152	0.000331
0.0238	0.000127773	0	5.9E-16	-4.7823E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00069	-0.00098
0.02385	0.000128039	0	5.899E-16	-4.7821E-17	-5.9E-16	4.78E-17	0.005326	0	-0.0009	-5.4E-05
0.0239	0.000128305	0	5.899E-16	-4.7825E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00012	-0.00089
0.02395	0.000128572	0	5.899E-16	-4.7827E-17	-5.9E-16	4.78E-17	0.005326	0	-0.00047	-0.00065
0.024	0.000128838	0	5.899E-16	-4.783E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00147	-0.00095

0.02405	0.000129104	0	5.899E-16	-4.7829E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00018	5.8E-05
0.0241	0.00012937	0	5.899E-16	-4.7829E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00141	-5.2E-05
0.02415	0.000129637	0	5.899E-16	-4.783E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00029	-0.00027
0.0242	0.000129903	0	5.899E-16	-4.7834E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00035	-0.00094
0.02425	0.000130169	0	5.899E-16	-4.7835E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00079	-0.00038
0.0243	0.000130435	0	5.899E-16	-4.7835E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00085	-0.00026
0.02435	0.000130702	0	5.899E-16	-4.7834E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00101	0.000123
0.0244	0.000130968	0	5.899E-16	-4.784E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00149	-0.0011
0.02445	0.000131234	0	5.898E-16	-4.7839E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00035	-0.0003
0.0245	0.0001315	0	5.898E-16	-4.7832E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00123	0.00149
0.02455	0.000131767	0	5.898E-16	-4.7835E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00155	-0.00021
0.0246	0.000132033	0	5.898E-16	-4.7839E-17	-5.9E-16	4.78E-17	0.005325	0	-0.001	-0.0009
0.02465	0.000132299	0	5.898E-16	-4.7838E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00015	2.58E-05
0.0247	0.000132565	0	5.898E-16	-4.7838E-17	-5.9E-16	4.78E-17	0.005325	0	-3.4E-05	-7.1E-05
0.02475	0.000132832	0	5.898E-16	-4.7839E-17	-5.9E-16	4.78E-17	0.005325	0	0.00013	-0.0003
0.0248	0.000133098	0	5.898E-16	-4.7842E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00172	-0.00063
0.02485	0.000133364	0	5.898E-16	-4.784E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00096	0.000219
0.0249	0.00013363	0	5.898E-16	-4.7845E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00107	-0.00109
0.02495	0.000133897	0	5.898E-16	-4.7844E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00042	-0.00018
0.025	0.000134163	0	5.897E-16	-4.7846E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00105	-0.00039
0.02505	0.000134429	0	5.897E-16	-4.7849E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00105	-0.00073
0.0251	0.000134695	0	5.897E-16	-4.785E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00021	-0.00052
0.02515	0.000134962	0	5.897E-16	-4.7853E-17	-5.9E-16	4.78E-17	0.005325	0	-0.00095	-0.00072
0.0252	0.000135228	0	5.897E-16	-4.7856E-17	-5.9E-16	4.79E-17	0.005325	0	-0.00079	-0.00091
0.02525	0.000135494	0	5.897E-16	-4.7855E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00112	-0.00021
0.0253	0.00013576	0	5.897E-16	-4.7857E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00076	-0.00052
0.02535	0.000136026	0	5.897E-16	-4.786E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00063	-0.00074
0.0254	0.000136293	0	5.897E-16	-4.786E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00088	-0.00025
0.02545	0.000136559	0	5.897E-16	-4.7862E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00104	-0.0004
0.0255	0.000136825	0	5.897E-16	-4.7863E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00031	-0.00043
0.02555	0.000137091	0	5.897E-16	-4.7866E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00058	-0.00072
0.0256	0.000137358	0	5.896E-16	-4.7866E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00029	-0.00037
0.02565	0.000137624	0	5.896E-16	-4.7865E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00142	0.000246

0.0257	0.00013789	0	5.896E-16	-4.7872E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00138	-0.00144
0.02575	0.000138156	0	5.896E-16	-4.7869E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00035	0.000163
0.0258	0.000138422	0	5.896E-16	-4.7873E-17	-5.9E-16	4.79E-17	0.005324	0	1.78E-05	-0.0008
0.02585	0.000138689	0	5.896E-16	-4.7872E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00122	-0.00013
0.0259	0.000138955	0	5.896E-16	-4.7872E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00072	1.24E-06
0.02595	0.000139221	0	5.896E-16	-4.7874E-17	-5.9E-16	4.79E-17	0.005324	0	-0.00125	-0.00047
0.026	0.000139487	0	8.747E-16	4.65047E-17	-5.9E-16	4.79E-17	0.005324	0	30.59363	20.25272
0.02605	0.00013983	0	8.747E-16	4.65099E-17	-9.8E-16	5.29E-18	0.006854	0	4.316296	11.11642
0.0261	0.000140183	0	8.747E-16	4.65121E-17	-1E-15	-5.5E-20	0.007069	0	-15.5297	9.96928
0.02615	0.000140498	0	8.747E-16	4.65189E-17	-8.2E-16	-6.3E-18	0.006293	0	-2.29656	8.633018
0.0262	0.000140807	0	8.747E-16	4.65237E-17	-7.9E-16	-2E-17	0.006178	0	7.51586	5.683526
0.02625	0.000141135	0	8.747E-16	4.65239E-17	-8.9E-16	-3.3E-17	0.006554	0	1.74242	2.833093
0.0263	0.000141467	0	8.747E-16	4.65317E-17	-9.2E-16	-4.1E-17	0.006641	0	-3.7109	1.14464
0.02635	0.000141789	0	8.747E-16	4.65341E-17	-8.7E-16	-4.5E-17	0.006455	0	-1.0153	0.411482
0.0264	0.00014211	0	8.747E-16	4.65377E-17	-8.5E-16	-4.6E-17	0.006405	0	1.788912	0.141373
0.02645	0.000142434	0	8.747E-16	4.65422E-17	-8.8E-16	-4.6E-17	0.006494	0	0.615805	0.048384
0.0265	0.000142761	0	8.746E-16	4.65447E-17	-8.9E-16	-4.6E-17	0.006525	0	-0.86674	0.016675
0.02655	0.000143085	0	8.747E-16	4.65803E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.34792	0.013183
0.0266	0.000143408	0	8.747E-16	4.65811E-17	-8.7E-16	-4.7E-17	0.006464	0	0.414013	0.004558
0.02665	0.000143732	0	8.746E-16	4.65873E-17	-8.7E-16	-4.7E-17	0.006485	0	0.194662	0.002833
0.0267	0.000144057	0	8.746E-16	4.6587E-17	-8.8E-16	-4.7E-17	0.006495	0	-0.19825	0.000883
0.02675	0.000144381	0	8.746E-16	4.6593E-17	-8.7E-16	-4.7E-17	0.006485	0	-0.10765	0.001589
0.0268	0.000144705	0	8.746E-16	4.6595E-17	-8.7E-16	-4.7E-17	0.006479	0	0.092477	0.000958
0.02685	0.000145029	0	8.746E-16	4.66054E-17	-8.7E-16	-4.7E-17	0.006484	0	0.058454	0.002531
0.0269	0.000145354	0	8.746E-16	4.66125E-17	-8.8E-16	-4.7E-17	0.006487	0	-0.04404	0.002384
0.02695	0.000145678	0	8.746E-16	4.66135E-17	-8.7E-16	-4.7E-17	0.006485	0	-0.03269	0.000994
0.027	0.000146002	0	8.746E-16	4.66152E-17	-8.7E-16	-4.7E-17	0.006483	0	0.020735	0.000707
0.02705	0.000146326	0	8.746E-16	4.66198E-17	-8.7E-16	-4.7E-17	0.006484	0	0.015821	0.001204
0.0271	0.00014665	0	8.746E-16	4.66288E-17	-8.7E-16	-4.7E-17	0.006485	0	-0.00987	0.002346
0.02715	0.000146975	0	8.746E-16	4.66303E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00957	0.001103
0.0272	0.000147299	0	8.746E-16	4.66336E-17	-8.7E-16	-4.7E-17	0.006484	0	0.004179	0.001074
0.02725	0.000147623	0	8.746E-16	4.66382E-17	-8.7E-16	-4.7E-17	0.006484	0	0.00458	0.001335
0.0273	0.000147947	0	8.745E-16	4.66401E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00335	0.000853

0.02735	0.000148271	0	8.745E-16	4.66444E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00308	0.001212
0.0274	0.000148596	0	8.745E-16	4.66478E-17	-8.7E-16	-4.7E-17	0.006484	0	0.000438	0.001119
0.02745	0.00014892	0	8.745E-16	4.66507E-17	-8.7E-16	-4.7E-17	0.006484	0	0.001842	0.001002
0.0275	0.000149244	0	8.745E-16	4.6655E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00128	0.001256
0.02755	0.000149568	0	8.745E-16	4.66594E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00231	0.001359
0.0276	0.000149892	0	8.745E-16	4.66583E-17	-8.7E-16	-4.7E-17	0.006484	0	0.000219	0.000207
0.02765	0.000150217	0	8.745E-16	4.6665E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00016	0.001513
0.0277	0.000150541	0	8.745E-16	4.66691E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00063	0.001381
0.02775	0.000150865	0	8.745E-16	4.66727E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00104	0.001223
0.0278	0.000151189	0	8.745E-16	4.66787E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00099	0.0017
0.02785	0.000151513	0	8.745E-16	4.66841E-17	-8.7E-16	-4.7E-17	0.006484	0	0.0008	0.001718
0.0279	0.000151838	0	8.745E-16	4.66876E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00091	0.001326
0.02795	0.000152162	0	8.745E-16	4.66865E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00153	0.000203
0.028	0.000152486	0	8.744E-16	4.66914E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00047	0.001109
0.02805	0.00015281	0	8.744E-16	4.66849E-17	-8.7E-16	-4.7E-17	0.006484	0	0.000564	-0.00103
0.0281	0.000153134	0	8.744E-16	4.66925E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00015	0.001301
0.02815	0.000153459	0	8.744E-16	4.66921E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00098	0.000342
0.0282	0.000153783	0	8.744E-16	4.66992E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00066	0.001642
0.02825	0.000154107	0	8.744E-16	4.67045E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00094	0.001668
0.0283	0.000154431	0	8.744E-16	4.67066E-17	-8.7E-16	-4.7E-17	0.006484	0	0.000149	0.001
0.02835	0.000154755	0	8.744E-16	4.67152E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00076	0.002178
0.0284	0.000155079	0	8.744E-16	4.67189E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00017	0.001512
0.02845	0.000155404	0	8.744E-16	4.67194E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.0006	0.000622
0.0285	0.000155728	0	8.744E-16	4.67257E-17	-8.7E-16	-4.7E-17	0.006484	0	-0.00111	0.001551
0.02855	0.000156052	0	8.744E-16	4.6731E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00016	0.001643
0.0286	0.000156376	0	8.744E-16	4.67323E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00046	0.000823
0.02865	0.0001567	0	8.744E-16	4.67402E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00156	0.001979
0.0287	0.000157024	0	8.744E-16	4.67421E-17	-8.7E-16	-4.7E-17	0.006483	0	5.46E-05	0.001067
0.02875	0.000157349	0	8.743E-16	4.67495E-17	-8.7E-16	-4.7E-17	0.006483	0	5.85E-05	0.001929
0.0288	0.000157673	0	8.743E-16	4.67502E-17	-8.7E-16	-4.7E-17	0.006483	0	-7.6E-05	0.000788
0.02885	0.000157997	0	8.743E-16	4.67562E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00166	0.00156
0.0289	0.000158321	0	8.743E-16	4.67585E-17	-8.7E-16	-4.7E-17	0.006483	0	0.000383	0.000997
0.02895	0.000158645	0	8.743E-16	4.67611E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00397	0.000898

0.029	0.000158969	0	8.743E-16	4.67693E-17	-8.7E-16	-4.7E-17	0.006483	0	0.00058	0.002048
0.02905	0.000159294	0	8.743E-16	4.67735E-17	-8.7E-16	-4.7E-17	0.006483	0	0.000679	0.001583
0.0291	0.000159618	0	8.743E-16	4.67767E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00095	0.001209
0.02915	0.000159942	0	8.743E-16	4.67787E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00079	0.000838
0.0292	0.000160266	0	8.743E-16	4.67862E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00033	0.001877
0.02925	0.00016059	0	8.741E-16	4.65221E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.01801	-0.05605
0.0293	0.000160914	0	8.741E-16	4.65296E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00198	-0.01696
0.02935	0.000161238	0	8.741E-16	4.65305E-17	-8.7E-16	-4.7E-17	0.006482	0	0.008256	-0.00543
0.0294	0.000161563	0	8.741E-16	4.65325E-17	-8.7E-16	-4.7E-17	0.006482	0	0.000675	-0.00138
0.02945	0.000161887	0	8.741E-16	4.654E-17	-8.7E-16	-4.7E-17	0.006483	0	-0.00472	0.001144
0.0295	0.000162211	0	8.741E-16	4.65411E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00163	0.00063
0.02955	0.000162535	0	8.74E-16	4.6547E-17	-8.7E-16	-4.7E-17	0.006482	0	0.000482	0.001466
0.0296	0.000162859	0	8.74E-16	4.65511E-17	-8.7E-16	-4.7E-17	0.006482	0	0.001282	0.001373
0.02965	0.000163183	0	8.74E-16	4.65551E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00164	0.001301
0.0297	0.000163507	0	8.74E-16	4.65599E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00241	0.001478
0.02975	0.000163831	0	8.74E-16	4.65673E-17	-8.7E-16	-4.7E-17	0.006482	0	0.000485	0.002083
0.0298	0.000164155	0	8.74E-16	4.65728E-17	-8.7E-16	-4.7E-17	0.006482	0	0.000305	0.001856
0.02985	0.00016448	0	8.74E-16	4.65759E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00081	0.001294
0.0299	0.000164804	0	8.74E-16	4.6579E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00081	0.001085
0.02995	0.000165128	0	8.74E-16	4.65834E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00086	0.001313
0.03	0.000165452	0	8.74E-16	4.65888E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00021	0.001588
0.03005	0.000165776	0	8.74E-16	4.65897E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00046	0.000722
0.0301	0.0001661	0	8.74E-16	4.65968E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00114	0.001762
0.03015	0.000166424	0	8.739E-16	4.65975E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00042	0.00074
0.0302	0.000166748	0	8.739E-16	4.66005E-17	-8.7E-16	-4.7E-17	0.006482	0	0.000238	0.000883
0.03025	0.000167072	0	8.739E-16	4.66065E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00132	0.001592
0.0303	0.000167396	0	8.739E-16	4.6605E-17	-8.7E-16	-4.7E-17	0.006482	0	-6.4E-06	0.000197
0.03035	0.000167721	0	8.739E-16	4.66126E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00044	0.00169
0.0304	0.000168045	0	8.739E-16	4.66201E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00092	0.002184
0.03045	0.000168369	0	8.739E-16	4.66191E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00042	0.000506
0.0305	0.000168693	0	8.739E-16	4.6621E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00069	0.000575
0.03055	0.000169017	0	8.739E-16	4.66277E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.0021	0.001622
0.0306	0.000169341	0	8.739E-16	4.66303E-17	-8.7E-16	-4.7E-17	0.006482	0	-0.00131	0.001091

0.03065	0.000169665	0	8.28E-16	-5.2343E-17	-8.7E-16	-4.7E-17	0.006482	0	-4.91896	-21.2385
0.0307	0.000169977	0	8.28E-16	-5.2338E-17	-8.1E-16	-3.9E-18	0.006236	0	-0.39724	-12.0771
0.03075	0.000170288	0	8.28E-16	-5.2334E-17	-8E-16	5.91E-19	0.006216	0	2.415592	-11.1036
0.0308	0.000170604	0	8.28E-16	-5.2333E-17	-8.4E-16	1.09E-17	0.006336	0	0.437508	-8.89201
0.03085	0.000170922	0	8.28E-16	-5.2329E-17	-8.4E-16	2.84E-17	0.006358	0	-1.17219	-5.13626
0.0309	0.000171237	0	8.28E-16	-5.2325E-17	-8.3E-16	4.22E-17	0.0063	0	-0.32227	-2.16248
0.03095	0.000171551	0	8.28E-16	-5.2319E-17	-8.2E-16	4.89E-17	0.006284	0	0.554527	-0.73323
0.031	0.000171867	0	8.28E-16	-5.2316E-17	-8.3E-16	5.13E-17	0.006311	0	0.212497	-0.22488
0.03105	0.000172183	0	8.28E-16	-5.2316E-17	-8.3E-16	5.2E-17	0.006322	0	-0.25954	-0.06674
0.0311	0.000172499	0	8.279E-16	-5.2312E-17	-8.3E-16	5.22E-17	0.006309	0	-0.13042	-0.01871
0.03115	0.000172814	0	8.279E-16	-5.2307E-17	-8.3E-16	5.23E-17	0.006303	0	0.11764	-0.00432
0.0312	0.000173129	0	8.279E-16	-5.2303E-17	-8.3E-16	5.23E-17	0.006308	0	0.075353	-0.00045
0.03125	0.000173445	0	8.279E-16	-5.2299E-17	-8.3E-16	5.23E-17	0.006312	0	-0.05294	0.000671
0.0313	0.00017376	0	8.279E-16	-5.2299E-17	-8.3E-16	5.23E-17	0.00631	0	-0.04345	0.000272
0.03135	0.000174076	0	8.279E-16	-5.2293E-17	-8.3E-16	5.23E-17	0.006307	0	0.021812	0.001242
0.0314	0.000174391	0	8.279E-16	-5.2294E-17	-8.3E-16	5.23E-17	0.006308	0	0.021694	0.000144
0.03145	0.000174707	0	8.279E-16	-5.2288E-17	-8.3E-16	5.23E-17	0.00631	0	-0.01039	0.001468
0.0315	0.000175022	0	8.279E-16	-5.2284E-17	-8.3E-16	5.23E-17	0.006309	0	-0.01272	0.001324
0.03155	0.000175337	0	8.279E-16	-5.2283E-17	-8.3E-16	5.23E-17	0.006308	0	0.002553	0.000449
0.0316	0.000175653	0	8.279E-16	-5.2279E-17	-8.3E-16	5.23E-17	0.006308	0	0.006391	0.000988
0.03165	0.000175968	0	8.279E-16	-5.2273E-17	-8.3E-16	5.23E-17	0.006309	0	-0.00124	0.001703
0.0317	0.000176284	0	8.278E-16	-5.2272E-17	-8.3E-16	5.23E-17	0.006309	0	-0.00437	0.000706
0.03175	0.000176599	0	8.278E-16	-5.2271E-17	-8.3E-16	5.23E-17	0.006309	0	3.78E-05	0.000287
0.0318	0.000176915	0	8.278E-16	-5.2264E-17	-8.3E-16	5.23E-17	0.006309	0	0.000785	0.001595
0.03185	0.00017723	0	8.278E-16	-5.2262E-17	-8.3E-16	5.23E-17	0.006309	0	-0.00081	0.000927
0.0319	0.000177545	0	8.278E-16	-5.2255E-17	-8.3E-16	5.23E-17	0.006309	0	-0.00057	0.001812
0.03195	0.000177861	0	8.278E-16	-5.2256E-17	-8.3E-16	5.23E-17	0.006308	0	-0.0006	0.000342
0.032	0.000178176	0	8.278E-16	-5.2251E-17	-8.3E-16	5.23E-17	0.006308	0	-0.00097	0.00115
0.03205	0.000178492	0	8.278E-16	-5.2244E-17	-8.3E-16	5.23E-17	0.006308	0	-0.00025	0.001858
0.0321	0.000178807	0	8.278E-16	-5.2244E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00082	0.000436
0.03215	0.000179122	0	8.278E-16	-5.2241E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00037	0.000864
0.0322	0.000179438	0	8.278E-16	-5.2253E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00091	-0.00226
0.03225	0.000179753	0	8.278E-16	-5.225E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00028	-6E-05

0.0323	0.000180069	0	8.278E-16	-5.2246E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00055	0.000766
0.03235	0.000180384	0	8.277E-16	-5.224E-17	-8.3E-16	5.22E-17	0.006308	0	-0.0009	0.001604
0.0324	0.0001807	0	8.277E-16	-5.2238E-17	-8.3E-16	5.22E-17	0.006308	0	-9.2E-05	0.000811
0.03245	0.000181015	0	8.277E-16	-5.2234E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00014	0.001142
0.0325	0.00018133	0	8.277E-16	-5.2225E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00125	0.002262
0.03255	0.000181646	0	8.277E-16	-5.2221E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00144	0.001462
0.0326	0.000181961	0	8.277E-16	-5.2219E-17	-8.3E-16	5.22E-17	0.006308	0	0.000106	0.000963
0.03265	0.000182277	0	8.277E-16	-5.2216E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00057	0.000789
0.0327	0.000182592	0	8.277E-16	-5.2213E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00017	0.000992
0.03275	0.000182907	0	8.277E-16	-5.2211E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00102	0.00074
0.0328	0.000183223	0	8.277E-16	-5.2207E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00065	0.000937
0.03285	0.000183538	0	8.277E-16	-5.2202E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00071	0.00147
0.0329	0.000183854	0	8.277E-16	-5.2203E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00032	0.00016
0.03295	0.000184169	0	8.277E-16	-5.2198E-17	-8.3E-16	5.22E-17	0.006308	0	0.000495	0.001206
0.033	0.000184484	0	8.276E-16	-5.219E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00193	0.001998
0.03305	0.0001848	0	8.276E-16	-5.2191E-17	-8.3E-16	5.22E-17	0.006308	0	-0.00103	0.000372
0.0331	0.000185115	0	9.06E-16	-7.4081E-17	-8.3E-16	5.22E-17	0.006308	0	8.410721	-4.69737
0.03315	0.000185452	0	9.06E-16	-7.4085E-17	-9.4E-16	6.88E-17	0.006728	0	0.380861	-1.13053
0.0332	0.000185789	0	9.06E-16	-7.4081E-17	-9.5E-16	7.32E-17	0.006747	0	-4.20766	-0.19754
0.03325	0.000186116	0	9.06E-16	-7.4082E-17	-8.9E-16	7.39E-17	0.006537	0	-0.26542	-0.03207
0.0333	0.000186442	0	9.06E-16	-7.4079E-17	-8.9E-16	7.41E-17	0.006524	0	2.092278	-0.00446
0.03335	0.000186773	0	9.06E-16	-7.4075E-17	-9.1E-16	7.41E-17	0.006628	0	0.199826	0.000148
0.0334	0.000187105	0	9.06E-16	-7.407E-17	-9.2E-16	7.41E-17	0.006638	0	-1.04286	0.001138
0.03345	0.000187435	0	9.06E-16	-7.4072E-17	-9E-16	7.41E-17	0.006586	0	-0.12596	-0.00028
0.0335	0.000187764	0	9.06E-16	-7.407E-17	-9E-16	7.41E-17	0.00658	0	0.517155	0.00051
0.03355	0.000188094	0	9.06E-16	-7.407E-17	-9.1E-16	7.41E-17	0.006606	0	0.07689	-5.4E-05
0.0336	0.000188424	0	9.059E-16	-7.4067E-17	-9.1E-16	7.41E-17	0.00661	0	-0.25828	0.000617
0.03365	0.000188754	0	9.059E-16	-7.4061E-17	-9.1E-16	7.41E-17	0.006597	0	-0.04554	0.001389
0.0337	0.000189084	0	9.059E-16	-7.4064E-17	-9E-16	7.41E-17	0.006594	0	0.127622	-0.00034
0.03375	0.000189414	0	9.059E-16	-7.4063E-17	-9.1E-16	7.41E-17	0.006601	0	0.025257	0.000251
0.0338	0.000189744	0	9.059E-16	-7.4057E-17	-9.1E-16	7.41E-17	0.006602	0	-0.06405	0.001148
0.03385	0.000190074	0	9.059E-16	-7.4058E-17	-9.1E-16	7.41E-17	0.006599	0	-0.0152	-1.9E-05
0.0339	0.000190404	0	9.059E-16	-7.3961E-17	-9.1E-16	7.41E-17	0.006598	0	0.032688	0.020905

0.03395	0.000190734	0	9.059E-16	-7.3955E-17	-9.1E-16	7.4E-17	0.0066	0	0.008011	0.004474
0.034	0.000191064	0	9.059E-16	-7.3952E-17	-9.1E-16	7.4E-17	0.0066	0	-0.01696	0.001436
0.03405	0.000191394	0	9.059E-16	-7.3956E-17	-9.1E-16	7.4E-17	0.006599	0	-0.00546	-0.00052
0.0341	0.000191724	0	9.059E-16	-7.3952E-17	-9.1E-16	7.4E-17	0.006599	0	0.008745	0.000756
0.03415	0.000192054	0	9.059E-16	-7.3952E-17	-9.1E-16	7.4E-17	0.006599	0	0.001719	3.31E-05
0.0342	0.000192384	0	9.059E-16	-7.3951E-17	-9.1E-16	7.4E-17	0.006599	0	-0.00524	0.000135
0.03425	0.000192714	0	9.059E-16	-7.3948E-17	-9.1E-16	7.4E-17	0.006599	0	-0.00195	0.000856
0.0343	0.000193044	0	9.059E-16	-7.3941E-17	-9.1E-16	7.39E-17	0.006599	0	0.002798	0.001587
0.03435	0.000193374	0	9.059E-16	-7.3943E-17	-9.1E-16	7.39E-17	0.006599	0	-8.2E-05	-0.00027
0.0344	0.000193704	0	9.059E-16	-7.3942E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00263	0.000276
0.03445	0.000194034	0	9.059E-16	-7.394E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00067	0.000334
0.0345	0.000194364	0	9.059E-16	-7.3942E-17	-9.1E-16	7.39E-17	0.006599	0	0.000973	-0.00031
0.03455	0.000194693	0	9.058E-16	-7.3937E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00143	0.001042
0.0346	0.000195023	0	9.058E-16	-7.3935E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00022	0.00053
0.03465	0.000195353	0	9.058E-16	-7.3936E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00099	-5.6E-05
0.0347	0.000195683	0	9.058E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00065	0.000538
0.03475	0.000196013	0	9.058E-16	-7.3935E-17	-9.1E-16	7.39E-17	0.006599	0	-2.5E-05	-0.00026
0.0348	0.000196343	0	9.058E-16	-7.3932E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00053	0.000611
0.03485	0.000196673	0	9.058E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00086	-2.7E-05
0.0349	0.000197003	0	9.058E-16	-7.3925E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00049	0.001543
0.03495	0.000197333	0	9.058E-16	-7.3927E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00075	-0.00016
0.035	0.000197663	0	9.058E-16	-7.3924E-17	-9.1E-16	7.39E-17	0.006599	0	0.000364	0.000779
0.03505	0.000197993	0	9.058E-16	-7.3921E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00126	0.000716
0.0351	0.000198323	0	9.058E-16	-7.3922E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00058	-0.00013
0.03515	0.000198653	0	9.058E-16	-7.3918E-17	-9.1E-16	7.39E-17	0.006599	0	0.00025	0.000785
0.0352	0.000198983	0	9.057E-16	-7.3915E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00047	0.000708
0.03525	0.000199313	0	9.057E-16	-7.3915E-17	-9.1E-16	7.39E-17	0.006599	0	-0.00067	0.000176
0.0353	0.000199643	0	9.055E-16	-7.4094E-17	-9.1E-16	7.39E-17	0.006599	0	-0.02256	-0.0384
0.03535	0.000199973	0	9.055E-16	-7.4092E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00063	-0.0057
0.0354	0.000200302	0	9.055E-16	-7.4096E-17	-9.1E-16	7.41E-17	0.006598	0	0.013109	-0.00175
0.03545	0.000200632	0	9.055E-16	-7.4102E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00043	-0.00141
0.0355	0.000200962	0	9.055E-16	-7.4099E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00673	0.000282
0.03555	0.000201292	0	9.055E-16	-7.4094E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00093	0.001217

0.0356	0.000201622	0	9.055E-16	-7.4092E-17	-9.1E-16	7.41E-17	0.006598	0	0.002204	0.000606
0.03565	0.000201952	0	9.055E-16	-7.4091E-17	-9.1E-16	7.41E-17	0.006598	0	8.15E-05	0.000329
0.0357	0.000202282	0	9.055E-16	-7.4088E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00248	0.000756
0.03575	0.000202612	0	9.055E-16	-7.4087E-17	-9.1E-16	7.41E-17	0.006598	0	-2.1E-05	0.000223
0.0358	0.000202942	0	9.055E-16	-7.4085E-17	-9.1E-16	7.41E-17	0.006598	0	-2.8E-05	0.000583
0.03585	0.000203271	0	9.055E-16	-7.4089E-17	-9.1E-16	7.41E-17	0.006598	0	-0.0002	-0.00087
0.0359	0.000203601	0	9.055E-16	-7.4085E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00102	0.000804
0.03595	0.000203931	0	9.055E-16	-7.408E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00096	0.001073
0.036	0.000204261	0	9.055E-16	-7.4083E-17	-9.1E-16	7.41E-17	0.006598	0	-0.0002	-0.00033
0.03605	0.000204591	0	9.055E-16	-7.4079E-17	-9.1E-16	7.41E-17	0.006598	0	0.000391	0.000738
0.0361	0.000204921	0	9.055E-16	-7.4079E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00056	8.58E-05
0.03615	0.000205251	0	9.054E-16	-7.4074E-17	-9.1E-16	7.41E-17	0.006598	0	-0.0014	0.001103
0.0362	0.000205581	0	9.054E-16	-7.4072E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00012	0.000518
0.03625	0.000205911	0	9.054E-16	-7.4071E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00039	0.000398
0.0363	0.00020624	0	9.054E-16	-7.4072E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00018	-0.00023
0.03635	0.00020657	0	9.054E-16	-7.4068E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00039	0.000831
0.0364	0.0002069	0	9.054E-16	-7.3977E-17	-9.1E-16	7.41E-17	0.006598	0	-0.00142	0.0197
0.03645	0.00020723	0	9.054E-16	-7.3974E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00054	0.003747
0.0365	0.00020756	0	9.054E-16	-7.3973E-17	-9.1E-16	7.4E-17	0.006597	0	0.000357	0.000915
0.03655	0.00020789	0	9.054E-16	-7.3971E-17	-9.1E-16	7.4E-17	0.006597	0	-0.0007	0.000454
0.0366	0.00020822	0	9.054E-16	-7.3966E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00062	0.001198
0.03665	0.00020855	0	9.054E-16	-7.397E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00064	-0.00064
0.0367	0.000208879	0	9.054E-16	-7.4007E-17	-9.1E-16	7.4E-17	0.006597	0	0.000275	-0.00812
0.03675	0.000209209	0	9.053E-16	-7.3959E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00341	0.008972
0.0368	0.000209539	0	9.053E-16	-7.396E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00111	0.001248
0.03685	0.000209869	0	9.053E-16	-7.3954E-17	-9.1E-16	7.4E-17	0.006597	0	0.001369	0.001498
0.0369	0.000210199	0	9.053E-16	-7.3954E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00013	0.000207
0.03695	0.000210529	0	9.053E-16	-7.3951E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00122	0.000767
0.037	0.000210859	0	9.053E-16	-7.3948E-17	-9.1E-16	7.4E-17	0.006597	0	-0.00145	0.000651
0.03705	0.000211188	0	9.053E-16	-7.3946E-17	-9.1E-16	7.39E-17	0.006597	0	0.000797	0.000603
0.0371	0.000211518	0	9.053E-16	-7.3942E-17	-9.1E-16	7.39E-17	0.006597	0	-4.9E-05	0.000943
0.03715	0.000211848	0	9.053E-16	-7.3947E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00126	-0.00095
0.0372	0.000212178	0	9.053E-16	-7.3946E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00013	0.000155

0.03725	0.000212508	0	9.053E-16	-7.3938E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00058	0.00163
0.0373	0.000212838	0	9.053E-16	-7.3943E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00028	-0.00067
0.03735	0.000213168	0	9.053E-16	-7.394E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00142	0.000468
0.0374	0.000213497	0	9.053E-16	-7.3937E-17	-9.1E-16	7.39E-17	0.006597	0	-8.7E-06	0.000783
0.03745	0.000213827	0	9.052E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00088	0.000783
0.0375	0.000214157	0	9.052E-16	-7.3937E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00055	-0.00058
0.03755	0.000214487	0	9.052E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.006597	0	0.000874	0.000746
0.0376	0.000214817	0	9.052E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00073	4E-05
0.03765	0.000215147	0	9.052E-16	-7.3931E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00252	0.000412
0.0377	0.000215476	0	9.052E-16	-7.3931E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00014	4.6E-05
0.03775	0.000215806	0	9.052E-16	-7.3927E-17	-9.1E-16	7.39E-17	0.006597	0	0.001882	0.000907
0.0378	0.000216136	0	9.052E-16	-7.3923E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00114	0.001017
0.03785	0.000216466	0	9.052E-16	-7.3921E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00187	0.000704
0.0379	0.000216796	0	9.052E-16	-7.3922E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00048	-0.00013
0.03795	0.000217126	0	9.052E-16	-7.3922E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00042	-0.00012
0.038	0.000217456	0	9.052E-16	-7.3919E-17	-9.1E-16	7.39E-17	0.006597	0	0.000251	0.000776
0.03805	0.000217785	0	9.052E-16	-7.3916E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00053	0.00077
0.0381	0.000218115	0	9.052E-16	-7.3919E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00022	-0.00065
0.03815	0.000218445	0	9.052E-16	-7.3918E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00068	7.42E-05
0.0382	0.000218775	0	9.052E-16	-7.3905E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00018	0.002759
0.03825	0.000219105	0	9.052E-16	-7.3899E-17	-9.1E-16	7.39E-17	0.006597	0	0.000953	0.001932
0.0383	0.000219435	0	9.052E-16	-7.3898E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00015	0.000367
0.03835	0.000219764	0	9.051E-16	-7.3894E-17	-9.1E-16	7.39E-17	0.006597	0	-0.0016	0.001014
0.0384	0.000220094	0	9.051E-16	-7.3895E-17	-9.1E-16	7.39E-17	0.006597	0	-0.00057	-7.4E-06
0.03845	0.000220424	0	9.074E-16	-7.4601E-17	-9.1E-16	7.39E-17	0.006597	0	0.242426	-0.15157
0.0385	0.000220754	0	9.074E-16	-7.4599E-17	-9.1E-16	7.45E-17	0.006609	0	0.006599	-0.02339
0.03855	0.000221085	0	9.074E-16	-7.4596E-17	-9.1E-16	7.46E-17	0.006609	0	-0.12211	-0.00293
0.0386	0.000221415	0	9.383E-16	9.27137E-17	-9.1E-16	7.46E-17	0.006603	0	3.312386	35.90262
0.03865	0.000221753	0	9.383E-16	9.27179E-17	-9.5E-16	2.02E-19	0.006768	0	0.086604	19.93979
0.0387	0.000222092	0	9.383E-16	9.27203E-17	-9.5E-16	-1.7E-17	0.006773	0	-1.65748	16.29399
0.03875	0.000222427	0	9.383E-16	9.272E-17	-9.3E-16	-6.1E-17	0.00669	0	-0.04127	6.796877
0.0388	0.000222761	0	9.383E-16	9.27214E-17	-9.3E-16	-8.8E-17	0.006688	0	0.827992	1.084187
0.03885	0.000223097	0	9.383E-16	9.27235E-17	-9.4E-16	-9.2E-17	0.006729	0	0.022432	0.077985

0.0389	0.000223434	0	9.382E-16	9.27799E-17	-9.4E-16	-9.3E-17	0.00673	0	-0.41862	0.016665
0.03895	0.000223769	0	9.382E-16	9.27746E-17	-9.4E-16	-9.3E-17	0.006709	0	-0.01101	-0.00017
0.039	0.000224105	0	9.382E-16	9.2783E-17	-9.4E-16	-9.3E-17	0.006709	0	0.209295	0.001795
0.03905	0.000224441	0	8.743E-16	9.3981E-18	-9.4E-16	-9.3E-17	0.006719	0	-6.85797	-17.8935
0.0391	0.00022476	0	8.743E-16	9.39585E-18	-8.5E-16	-3.1E-17	0.006376	0	-0.37085	-4.59826
0.03915	0.000225078	0	8.743E-16	9.34992E-18	-8.4E-16	-2E-17	0.006358	0	3.404788	-2.34551
0.0392	0.000225404	0	8.743E-16	9.34909E-18	-8.9E-16	-1.6E-17	0.006528	0	0.395026	-1.37331
0.03925	0.000225731	0	8.743E-16	9.34939E-18	-8.9E-16	-1.3E-17	0.006548	0	-1.68802	-0.8609
0.0393	0.000226055	0	8.743E-16	9.34825E-18	-8.7E-16	-1.2E-17	0.006464	0	-0.27964	-0.56143
0.03935	0.000226377	0	8.743E-16	9.34591E-18	-8.7E-16	-1.1E-17	0.00645	0	0.826437	-0.37539
0.0394	0.000226702	0	8.742E-16	9.35047E-18	-8.8E-16	-1.1E-17	0.006491	0	0.184794	-0.2536
0.03945	0.000227027	0	8.742E-16	9.35262E-18	-8.8E-16	-1E-17	0.0065	0	-0.40528	-0.17331
0.0395	0.000227351	0	8.742E-16	9.35117E-18	-8.7E-16	-9.9E-18	0.00648	0	-0.11455	-0.11989
0.03955	0.000227674	0	8.742E-16	9.35403E-18	-8.7E-16	-9.7E-18	0.006474	0	0.195034	-0.0825
0.0396	0.000227998	0	8.742E-16	9.35601E-18	-8.7E-16	-9.6E-18	0.006484	0	0.066578	-0.05695
0.03965	0.000228323	0	8.742E-16	9.35077E-18	-8.8E-16	-9.5E-18	0.006487	0	-0.09455	-0.04082
0.0397	0.000228647	0	8.742E-16	9.35616E-18	-8.7E-16	-9.5E-18	0.006482	0	-0.03986	-0.02734
0.03975	0.000228971	0	8.736E-16	1.09382E-17	-8.7E-16	-9.4E-18	0.00648	0	-0.01754	0.320374
0.0398	0.000229295	0	8.736E-16	1.09346E-17	-8.7E-16	-9.9E-18	0.00648	0	0.018097	0.222093
0.03985	0.000229619	0	8.736E-16	1.09378E-17	-8.7E-16	-1E-17	0.006481	0	0.007927	0.153854
0.0399	0.000229943	0	8.736E-16	1.09399E-17	-8.7E-16	-1E-17	0.006481	0	-0.00945	0.105886
0.03995	0.000230267	0	8.735E-16	1.09383E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00573	0.071918
0.04	0.000230591	0	8.735E-16	1.09383E-17	-8.7E-16	-1.1E-17	0.00648	0	0.002684	0.048946
0.04005	0.000230915	0	8.735E-16	1.09396E-17	-8.7E-16	-1.1E-17	0.00648	0	0.001697	0.033527
0.0401	0.000231239	0	8.735E-16	1.0938E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.0027	0.022402
0.04015	0.000231563	0	8.735E-16	1.09411E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00151	0.015834
0.0402	0.000231887	0	8.735E-16	1.09386E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00093	0.010181
0.04025	0.000232211	0	8.735E-16	1.09425E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00047	0.007741
0.0403	0.000232535	0	8.735E-16	1.09446E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00093	0.005686
0.04035	0.000232859	0	8.734E-16	1.09417E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00076	0.003215
0.0404	0.000233183	0	8.734E-16	1.09369E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00013	0.001146
0.04045	0.000233507	0	8.734E-16	1.09437E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.002	0.002232
0.0405	0.000233831	0	8.734E-16	1.09405E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00169	0.000842

0.04055	0.000234155	0	8.734E-16	1.09474E-17	-8.7E-16	-1.1E-17	0.00648	0	0.000999	0.002039
0.0406	0.000234479	0	8.734E-16	1.09502E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00068	0.001981
0.04065	0.000234803	0	8.734E-16	1.09556E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00254	0.002508
0.0407	0.000235127	0	8.734E-16	1.09589E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00057	0.002399
0.04075	0.000235451	0	8.734E-16	1.09578E-17	-8.7E-16	-1.1E-17	0.00648	0	0.000158	0.001383
0.0408	0.000235775	0	8.733E-16	1.09601E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.00092	0.001437
0.04085	0.000236099	0	8.733E-16	1.09596E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.0023	0.000856
0.0409	0.000236423	0	8.733E-16	1.09541E-17	-8.7E-16	-1.1E-17	0.00648	0	-0.0009	-0.00061
0.04095	0.000236747	0	8.733E-16	1.09576E-17	-8.7E-16	-1.1E-17	0.006479	0	-0.00034	0.000349
0.041	0.000237071	0	8.733E-16	1.09573E-17	-8.7E-16	-1.1E-17	0.006479	0	-0.00049	0.000177
0.04105	0.000237395	0	8.73E-16	1.06219E-17	-8.7E-16	-1.1E-17	0.006479	0	-0.03285	-0.07186
0.0411	0.000237719	0	8.73E-16	1.06227E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00241	-0.04847
0.04115	0.000238043	0	8.73E-16	1.06236E-17	-8.7E-16	-1.1E-17	0.006478	0	0.015332	-0.03268
0.0412	0.000238367	0	8.729E-16	1.0626E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00064	-0.02168
0.04125	0.000238691	0	8.729E-16	1.06223E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00823	-0.01553
0.0413	0.000239014	0	8.729E-16	1.06216E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00102	-0.01071
0.04135	0.000239338	0	8.729E-16	1.06257E-17	-8.7E-16	-1.1E-17	0.006478	0	0.002826	-0.00641
0.0414	0.000239662	0	8.729E-16	1.06265E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00102	-0.00419
0.04145	0.000239986	0	8.729E-16	1.0624E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00245	-0.00339
0.0415	0.00024031	0	8.729E-16	1.06252E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00118	-0.00204
0.04155	0.000240634	0	8.729E-16	1.0582E-17	-8.7E-16	-1.1E-17	0.006478	0	0.006417	-0.01066
0.0416	0.000240958	0	8.729E-16	1.05813E-17	-8.7E-16	-1.1E-17	0.006478	0	0.000823	-0.00741
0.04165	0.000241282	0	8.729E-16	1.05798E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00546	-0.00537
0.0417	0.000241606	0	8.729E-16	1.05852E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00172	-0.0025
0.04175	0.00024193	0	8.729E-16	1.05815E-17	-8.7E-16	-1.1E-17	0.006478	0	0.001551	-0.00249
0.0418	0.000242253	0	8.729E-16	1.05844E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00058	-0.00109
0.04185	0.000242577	0	8.729E-16	1.05834E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.0021	-0.00095
0.0419	0.000242901	0	8.728E-16	1.05859E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00134	-0.0001
0.04195	0.000243225	0	8.728E-16	1.05859E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.0008	-7.2E-05
0.042	0.000243549	0	8.728E-16	1.05864E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00033	4.48E-05
0.04205	0.000243873	0	8.728E-16	1.05875E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00033	0.000278
0.0421	0.000244197	0	8.728E-16	1.05853E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00214	-0.00028
0.04215	0.000244521	0	8.728E-16	1.05885E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00089	0.000493

0.0422	0.000244844	0	8.728E-16	1.05833E-17	-8.7E-16	-1.1E-17	0.006478	0	-0.00089	-0.00079
0.04225	0.000245168	0	8.727E-16	1.05891E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.0007	0.000721
0.0423	0.000245492	0	8.727E-16	1.05875E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00059	0.000142
0.04235	0.000245816	0	8.727E-16	1.05874E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00102	8.48E-05
0.0424	0.00024614	0	8.727E-16	1.05863E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00116	-0.00018
0.04245	0.000246464	0	8.727E-16	1.05878E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00052	0.00018
0.0425	0.000246788	0	8.727E-16	1.05891E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.0009	0.000412
0.04255	0.000247112	0	8.727E-16	1.05891E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00105	0.000284
0.0426	0.000247435	0	8.727E-16	1.059E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00158	0.00038
0.04265	0.000247759	0	8.727E-16	1.05879E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00014	-0.0002
0.0427	0.000248083	0	8.726E-16	1.05875E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00133	-0.00022
0.04275	0.000248407	0	8.726E-16	1.05871E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.0007	-0.00024
0.0428	0.000248731	0	8.726E-16	1.05883E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.0011	0.000102
0.04285	0.000249055	0	8.726E-16	1.05926E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00136	0.000993
0.0429	0.000249379	0	8.726E-16	1.05876E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00048	-0.00039
0.04295	0.000249702	0	8.726E-16	1.059E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00108	0.000241
0.043	0.000250026	0	8.726E-16	1.0591E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00051	0.000378
0.04305	0.00025035	0	8.725E-16	1.06391E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00455	0.01059
0.0431	0.000250674	0	8.725E-16	1.06355E-17	-8.7E-16	-1.1E-17	0.006477	0	-0.00128	0.006447
0.04315	0.000250998	0	8.725E-16	1.06358E-17	-8.7E-16	-1.1E-17	0.006476	0	0.00054	0.004444
0.0432	0.000251322	0	8.725E-16	1.06351E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00038	0.002874
0.04325	0.000251645	0	8.725E-16	1.06356E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00133	0.002062
0.0433	0.000251969	0	8.725E-16	1.0641E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00135	0.002561
0.04335	0.000252293	0	8.724E-16	1.06411E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00061	0.001765
0.0434	0.000252617	0	8.724E-16	1.06417E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00049	0.00134
0.04345	0.000252941	0	8.724E-16	1.06403E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00182	0.000617
0.0435	0.000253264	0	8.724E-16	1.0642E-17	-8.7E-16	-1.1E-17	0.006476	0	5.6E-05	0.000775
0.04355	0.000253588	0	8.724E-16	1.06385E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00093	-0.00022
0.0436	0.000253912	0	8.724E-16	1.064E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00174	0.000166
0.04365	0.000254236	0	8.724E-16	1.06396E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.0003	3.22E-05
0.0437	0.00025456	0	8.724E-16	1.06473E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00091	0.001685
0.04375	0.000254883	0	8.723E-16	1.06408E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00165	-0.00025
0.0438	0.000255207	0	8.723E-16	1.06427E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.0006	0.000229

0.04385	0.000255531	0	8.723E-16	1.06353E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00038	-0.00144
0.0439	0.000255855	0	8.723E-16	1.06418E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.0009	0.00042
0.04395	0.000256179	0	8.723E-16	1.06403E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00164	-3.2E-05
0.044	0.000256502	0	8.723E-16	1.0638E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00121	-0.00051
0.04405	0.000256826	0	8.723E-16	1.06426E-17	-8.7E-16	-1.1E-17	0.006476	0	0.000113	0.000627
0.0441	0.00025715	0	8.723E-16	1.06415E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00106	0.0002
0.04415	0.000257474	0	8.722E-16	1.06424E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00199	0.000327
0.0442	0.000257798	0	8.722E-16	1.06423E-17	-8.7E-16	-1.1E-17	0.006476	0	0.000591	0.000201
0.04425	0.000258121	0	8.722E-16	1.0646E-17	-8.7E-16	-1.1E-17	0.006476	0	-0.00146	0.000931
0.0443	0.000258445	0	8.722E-16	1.0646E-17	-8.7E-16	-1.1E-17	0.006475	0	-0.00149	0.000629
0.04435	0.000258769	0	8.722E-16	1.06419E-17	-8.7E-16	-1.1E-17	0.006475	0	2.61E-05	-0.00044
0.0444	0.000259093	0	8.164E-16	-2.7858E-16	-8.7E-16	-1.1E-17	0.006475	0	-5.99205	-62.0653
0.04445	0.000259401	0	8.163E-16	-2.7858E-16	-7.9E-16	1.19E-16	0.006176	0	-0.5306	-34.327
0.0445	0.000259709	0	8.163E-16	-2.7859E-16	-7.9E-16	3.5E-16	0.006149	0	2.929398	15.40892
0.04455	0.000260024	0	8.163E-16	-2.7858E-16	-8.2E-16	2.31E-16	0.006296	0	0.589006	-10.1685
0.0446	0.00026034	0	8.163E-16	-2.7858E-16	-8.3E-16	3.07E-16	0.006325	0	-1.41134	6.116663
0.04465	0.000260653	0	6.576E-16	-4.4527E-16	-8.1E-16	2.6E-16	0.006255	0	-17.4555	-39.7261
0.0447	0.000260922	0	6.576E-16	-4.4528E-16	-6E-16	6.34E-16	0.005382	0	-2.81203	40.59331
0.04475	0.000261184	0	6.576E-16	-4.4528E-16	-5.7E-16	2.54E-16	0.005241	0	7.843292	-41.0888
0.0448	0.000261465	0	6.576E-16	-4.4527E-16	-6.6E-16	6.4E-16	0.005633	0	3.65131	41.81796
0.04485	0.000261756	0	6.576E-16	-4.4528E-16	-7E-16	2.49E-16	0.005816	0	-3.11001	-42.2193
0.0449	0.000262039	0	6.576E-16	-4.4528E-16	-6.7E-16	6.45E-16	0.00566	0	-2.50898	42.81326
0.04495	0.000262316	0	6.576E-16	-4.4528E-16	-6.4E-16	2.44E-16	0.005535	0	0.924921	-43.1316
0.045	0.000262595	0	6.576E-16	-4.4528E-16	-6.5E-16	6.48E-16	0.005581	0	1.492853	43.60452
0.04505	0.000262878	0	6.576E-16	-4.4528E-16	-6.7E-16	2.41E-16	0.005656	0	-0.09519	-43.8544
0.0451	0.00026316	0	6.575E-16	-4.4528E-16	-6.6E-16	6.51E-16	0.005651	0	-0.77082	44.22732
0.04515	0.000263441	0	6.575E-16	-4.4528E-16	-6.6E-16	2.38E-16	0.005613	0	-0.1397	-44.4192
0.0452	0.000263721	0	6.575E-16	-4.4528E-16	-6.5E-16	6.54E-16	0.005606	0	0.348688	44.70676
0.04525	0.000264003	0	6.575E-16	-4.4528E-16	-6.6E-16	2.36E-16	0.005623	0	0.155311	-44.8528
0.0453	0.000264284	0	6.575E-16	-4.4529E-16	-6.6E-16	6.55E-16	0.005631	0	-0.13681	45.07169
0.04535	0.000264565	0	6.575E-16	-4.4529E-16	-6.6E-16	2.35E-16	0.005624	0	-0.1119	-45.1827
0.0454	0.000264846	0	6.575E-16	-4.4529E-16	-6.6E-16	6.57E-16	0.005618	0	0.039859	45.3496
0.04545	0.000265127	0	6.575E-16	-4.4529E-16	-6.6E-16	2.34E-16	0.00562	0	0.065296	-45.4327

0.0455	0.000265408	0	6.575E-16	-4.4529E-16	-6.6E-16	6.58E-16	0.005624	0	-0.0049	45.55789
0.04555	0.00026569	0	6.575E-16	-4.453E-16	-6.6E-16	2.33E-16	0.005623	0	-0.03457	-45.6213
0.0456	0.000265971	0	6.575E-16	-4.453E-16	-6.6E-16	6.58E-16	0.005622	0	-0.00683	45.71546
0.04565	0.000266252	0	6.575E-16	-4.4529E-16	-6.6E-16	2.32E-16	0.005621	0	0.013912	-45.7608
0.0457	0.000266533	0	6.575E-16	-4.453E-16	-6.6E-16	6.59E-16	0.005622	0	0.006023	45.83008
0.04575	0.000266814	0	6.574E-16	-4.453E-16	-6.6E-16	2.32E-16	0.005622	0	-0.00691	-45.8658
0.0458	0.000267095	0	6.574E-16	-4.453E-16	-6.6E-16	6.59E-16	0.005622	0	-0.0062	45.91807
0.04585	0.000267376	0	6.574E-16	-4.4531E-16	-6.6E-16	2.31E-16	0.005622	0	0.000312	-45.9446
0.0459	0.000267657	0	6.574E-16	-4.453E-16	-6.6E-16	6.6E-16	0.005622	0	0.003664	45.98481
0.04595	0.000267938	0	6.574E-16	-4.4531E-16	-6.6E-16	2.31E-16	0.005622	0	-0.00081	-46.0045
0.046	0.000268219	0	6.574E-16	-4.4531E-16	-6.6E-16	6.6E-16	0.005622	0	-0.00347	46.03314
0.04605	0.0002685	0	6.574E-16	-4.4531E-16	-6.6E-16	2.31E-16	0.005622	0	-0.00046	-46.0473
0.0461	0.000268782	0	6.574E-16	-4.4531E-16	-6.6E-16	6.6E-16	0.005622	0	0.000347	46.06884
0.04615	0.000269063	0	6.574E-16	-4.4531E-16	-6.6E-16	2.31E-16	0.005622	0	-0.00088	-46.0802
0.0462	0.000269344	0	6.562E-16	-4.4561E-16	-6.6E-16	6.6E-16	0.005622	0	-0.12091	46.03354
0.04625	0.000269624	0	6.562E-16	-4.4561E-16	-6.6E-16	2.31E-16	0.005616	0	-0.0298	-46.075
0.0463	0.000269905	0	6.562E-16	-4.4562E-16	-6.6E-16	6.61E-16	0.005614	0	0.052317	46.13579
0.04635	0.000270186	0	6.562E-16	-4.4562E-16	-6.6E-16	2.3E-16	0.005617	0	0.026799	-46.1667
0.0464	0.000270467	0	6.562E-16	-4.4562E-16	-6.6E-16	6.61E-16	0.005618	0	-0.02089	46.21299
0.04645	0.000270748	0	6.562E-16	-4.4562E-16	-6.6E-16	2.3E-16	0.005617	0	-0.01959	-46.2362
0.0465	0.000271029	0	6.562E-16	-4.4562E-16	-6.6E-16	6.61E-16	0.005616	0	0.003994	46.27075
0.04655	0.000271309	0	6.562E-16	-4.4562E-16	-6.6E-16	2.3E-16	0.005616	0	0.0101	-46.2875
0.0466	0.00027159	0	6.562E-16	-4.4562E-16	-6.6E-16	6.61E-16	0.005617	0	0.000812	46.31292
0.04665	0.000271871	0	6.562E-16	-4.4562E-16	-6.6E-16	2.3E-16	0.005617	0	-0.00671	-46.3257
0.0467	0.000272152	0	6.562E-16	-4.4562E-16	-6.6E-16	6.62E-16	0.005616	0	-0.00293	46.34512
0.04675	0.000272433	0	6.561E-16	-4.4563E-16	-6.6E-16	2.3E-16	0.005616	0	0.001824	-46.3554
0.0468	0.000272714	0	6.561E-16	-4.4563E-16	-6.6E-16	6.62E-16	0.005616	0	0.001558	46.3699
0.04685	0.000272994	0	6.561E-16	-4.4563E-16	-6.6E-16	2.3E-16	0.005616	0	-0.00246	-46.3777
0.0469	0.000273275	0	6.561E-16	-4.4563E-16	-6.6E-16	6.62E-16	0.005616	0	-0.00172	46.38887
0.04695	0.000273556	0	6.561E-16	-4.4563E-16	-6.6E-16	2.29E-16	0.005616	0	0.000328	-46.3946
0.047	0.000273837	0	6.561E-16	-4.4563E-16	-6.6E-16	6.62E-16	0.005616	0	-0.00083	46.40203
0.04705	0.000274118	0	6.561E-16	-4.4563E-16	-6.6E-16	2.29E-16	0.005616	0	-0.00059	-46.4059
0.0471	0.000274398	0	6.561E-16	-4.4563E-16	-6.6E-16	6.62E-16	0.005616	0	-0.00104	46.41234

0.04715	0.000274679	0	6.561E-16	-4.4563E-16	-6.6E-16	2.29E-16	0.005616	0	-0.00055	-46.416
0.0472	0.00027496	0	6.561E-16	-4.4563E-16	-6.6E-16	6.62E-16	0.005616	0	-0.00063	46.42091
0.04725	0.000275241	0	6.561E-16	-4.4563E-16	-6.6E-16	2.29E-16	0.005616	0	-0.00054	-46.4226
0.0473	0.000275522	0	7.873E-16	-5.5397E-16	-6.6E-16	6.62E-16	0.005616	0	14.08109	23.17745
0.04735	0.000275838	0	7.873E-16	-5.5397E-16	-8.3E-16	4.18E-16	0.00632	0	2.365126	-29.1911
0.0474	0.00027616	0	7.873E-16	-5.5397E-16	-8.6E-16	7.34E-16	0.006438	0	-6.86199	38.7233
0.04745	0.000276464	0	7.873E-16	-5.5397E-16	-7.7E-16	3.34E-16	0.006095	0	-1.87822	-47.2501
0.0475	0.000276764	0	7.873E-16	-5.5397E-16	-7.5E-16	8.44E-16	0.006001	0	3.14819	62.1504
0.04755	0.000277072	0	7.873E-16	-5.5398E-16	-7.9E-16	2.21E-16	0.006159	0	1.389581	-71.4162
0.0476	0.000277384	0	7.873E-16	-5.5398E-16	-8.1E-16	9.71E-16	0.006228	0	-1.41189	89.44663
0.04765	0.000277692	0	7.872E-16	-5.5398E-16	-7.9E-16	1.16E-16	0.006158	0	-0.86238	-94.0323
0.0477	0.000277997	0	7.872E-16	-5.5398E-16	-7.8E-16	1.04E-15	0.006115	0	0.593043	103.6635
0.04775	0.000278305	0	7.872E-16	-5.5398E-16	-7.9E-16	7.33E-17	0.006144	0	0.508869	-103.141
0.0478	0.000278613	0	7.872E-16	-5.5398E-16	-7.9E-16	1.03E-15	0.00617	0	-0.23287	102.0198
0.04785	0.000278921	0	7.872E-16	-5.5398E-16	-7.9E-16	7.78E-17	0.006158	0	-0.28451	-102.188
0.0479	0.000279228	0	7.872E-16	-5.5398E-16	-7.9E-16	1.03E-15	0.006144	0	0.079151	102.5479
0.04795	0.000279535	0	7.872E-16	-5.5399E-16	-7.9E-16	7.63E-17	0.006148	0	0.151868	-102.498
0.048	0.000279843	0	7.872E-16	-5.5399E-16	-7.9E-16	1.03E-15	0.006155	0	-0.02091	102.39
0.04805	0.000280151	0	7.872E-16	-5.5399E-16	-7.9E-16	7.68E-17	0.006154	0	-0.08001	-102.406
0.0481	0.000280458	0	7.872E-16	-5.5399E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00015	102.4383
0.04815	0.000280766	0	7.872E-16	-5.5399E-16	-7.9E-16	7.66E-17	0.00615	0	0.03899	-102.434
0.0482	0.000281074	0	7.872E-16	-5.5399E-16	-7.9E-16	1.03E-15	0.006152	0	0.004781	102.4258
0.04825	0.000281381	0	7.872E-16	-5.54E-16	-7.9E-16	7.67E-17	0.006152	0	-0.01975	-102.428
0.0483	0.000281689	0	7.871E-16	-5.54E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00615	102.4316
0.04835	0.000281996	0	7.871E-16	-5.54E-16	-7.9E-16	7.67E-17	0.006151	0	0.008888	-102.431
0.0484	0.000282304	0	7.871E-16	-5.54E-16	-7.9E-16	1.03E-15	0.006152	0	0.003269	102.4301
0.04845	0.000282612	0	7.871E-16	-5.54E-16	-7.9E-16	7.67E-17	0.006152	0	-0.00556	-102.431
0.0485	0.000282919	0	7.871E-16	-5.54E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00333	102.431
0.04855	0.000283227	0	7.871E-16	-5.54E-16	-7.9E-16	7.67E-17	0.006151	0	0.002569	-102.431
0.0486	0.000283534	0	7.871E-16	-5.54E-16	-7.9E-16	1.03E-15	0.006151	0	0.000971	102.4314
0.04865	0.000283842	0	7.871E-16	-5.5401E-16	-7.9E-16	7.67E-17	0.006151	0	-0.0012	-102.433
0.0487	0.000284149	0	7.871E-16	-5.5401E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00245	102.435
0.04875	0.000284457	0	7.871E-16	-5.5401E-16	-7.9E-16	7.67E-17	0.006151	0	0.000143	-102.435

0.0488	0.000284765	0	7.871E-16	-5.5401E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00023	102.4346
0.04885	0.000285072	0	7.871E-16	-5.5401E-16	-7.9E-16	7.67E-17	0.006151	0	-0.00092	-102.435
0.0489	0.00028538	0	7.871E-16	-5.5401E-16	-7.9E-16	1.03E-15	0.006151	0	-4.6E-05	102.4358
0.04895	0.000285687	0	7.87E-16	-5.5401E-16	-7.9E-16	7.67E-17	0.006151	0	-0.00119	-102.436
0.049	0.000285995	0	7.87E-16	-5.5401E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00071	102.4374
0.04905	0.000286302	0	7.87E-16	-5.5402E-16	-7.9E-16	7.67E-17	0.006151	0	0.000229	-102.438
0.0491	0.00028661	0	7.87E-16	-5.5402E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00136	102.4367
0.04915	0.000286917	0	7.87E-16	-5.5402E-16	-7.9E-16	7.67E-17	0.006151	0	-0.00084	-102.439
0.0492	0.000287225	0	7.87E-16	-5.5402E-16	-7.9E-16	1.03E-15	0.006151	0	9.08E-05	102.4414
0.04925	0.000287533	0	7.87E-16	-5.5403E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00053	-102.442
0.0493	0.00028784	0	7.87E-16	-5.5403E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00105	102.4437
0.04935	0.000288148	0	7.87E-16	-5.5403E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00067	-102.444
0.0494	0.000288455	0	7.87E-16	-5.5403E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00016	102.4416
0.04945	0.000288763	0	7.87E-16	-5.5403E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00039	-102.442
0.0495	0.00028907	0	7.87E-16	-5.5404E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00121	102.443
0.04955	0.000289378	0	7.87E-16	-5.5404E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00037	-102.444
0.0496	0.000289685	0	7.87E-16	-5.5404E-16	-7.9E-16	1.03E-15	0.006151	0	0.000201	102.446
0.04965	0.000289993	0	7.87E-16	-5.5404E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00022	-102.447
0.0497	0.0002903	0	7.869E-16	-5.5404E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00116	102.4491
0.04975	0.000290608	0	7.869E-16	-5.5404E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00083	-102.449
0.0498	0.000290916	0	7.869E-16	-5.5405E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00051	102.4468
0.04985	0.000291223	0	7.869E-16	-5.5405E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00041	-102.448
0.0499	0.000291531	0	7.869E-16	-5.5405E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00064	102.4485
0.04995	0.000291838	0	7.869E-16	-5.5405E-16	-7.9E-16	7.66E-17	0.006151	0	-0.00081	-102.45
0.05	0.000292146	0	7.869E-16	-5.5405E-16	-7.9E-16	1.03E-15	0.006151	0	0.000387	102.4525
0.05005	0.000292453	0	7.873E-16	-5.5445E-16	-7.9E-16	7.66E-17	0.006151	0	0.038374	-102.538
0.0501	0.000292761	0	7.873E-16	-5.5445E-16	-7.9E-16	1.03E-15	0.006153	0	0.004816	102.6354
0.05015	0.000293068	0	7.873E-16	-5.5446E-16	-7.9E-16	7.62E-17	0.006153	0	-0.01962	-102.622
0.0502	0.000293376	0	7.872E-16	-5.5446E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00644	102.5917
0.05025	0.000293684	0	7.872E-16	-5.5446E-16	-7.9E-16	7.64E-17	0.006151	0	0.008635	-102.597
0.0503	0.000293991	0	7.872E-16	-5.5447E-16	-7.9E-16	1.03E-15	0.006152	0	0.00367	102.6072
0.05035	0.000294299	0	7.872E-16	-5.5446E-16	-7.9E-16	7.63E-17	0.006152	0	-0.0051	-102.606
0.0504	0.000294606	0	7.872E-16	-5.5447E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00297	102.6029

0.05045	0.000294914	0	7.872E-16	-5.5447E-16	-7.9E-16	7.63E-17	0.006152	0	0.001479	-102.605
0.0505	0.000295222	0	7.872E-16	-5.5447E-16	-7.9E-16	1.03E-15	0.006152	0	0.001149	102.6077
0.05055	0.000295529	0	7.872E-16	-5.5447E-16	-7.9E-16	7.63E-17	0.006152	0	-0.00217	-102.608
0.0506	0.000295837	0	7.872E-16	-5.5447E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00113	102.6081
0.05065	0.000296144	0	7.872E-16	-5.5447E-16	-7.9E-16	7.63E-17	0.006152	0	9.7E-05	-102.608
0.0507	0.000296452	0	7.872E-16	-5.5447E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00016	102.6068
0.05075	0.00029676	0	7.872E-16	-5.5447E-16	-7.9E-16	7.63E-17	0.006152	0	-0.00084	-102.607
0.0508	0.000297067	0	7.872E-16	-5.5448E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00047	102.607
0.05085	0.000297375	0	7.871E-16	-5.5447E-16	-7.9E-16	7.63E-17	0.006152	0	-0.00103	-102.608
0.0509	0.000297682	0	7.871E-16	-5.5448E-16	-7.9E-16	1.03E-15	0.006152	0	-0.00269	102.6104
0.05095	0.00029799	0	7.871E-16	-5.5448E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00113	-102.611
0.051	0.000298297	0	7.871E-16	-5.5448E-16	-7.9E-16	1.03E-15	0.006151	0	0.000458	102.6117
0.05105	0.000298605	0	7.871E-16	-5.5448E-16	-7.9E-16	7.63E-17	0.006151	0	-0.0002	-102.612
0.0511	0.000298913	0	7.871E-16	-5.5448E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00075	102.6123
0.05115	0.00029922	0	7.871E-16	-5.5448E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00059	-102.612
0.0512	0.000299528	0	7.871E-16	-5.5449E-16	-7.9E-16	1.03E-15	0.006151	0	-0.0002	102.6117
0.05125	0.000299835	0	7.871E-16	-5.5449E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00095	-102.613
0.0513	0.000300143	0	7.871E-16	-5.5449E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00088	102.6167
0.05135	0.00030045	0	7.87E-16	-5.5449E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00125	-102.616
0.0514	0.000300758	0	7.87E-16	-5.5449E-16	-7.9E-16	1.03E-15	0.006151	0	0.000923	102.613
0.05145	0.000301065	0	7.87E-16	-5.5449E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00081	-102.614
0.0515	0.000301373	0	7.87E-16	-5.5449E-16	-7.9E-16	1.03E-15	0.006151	0	-0.0014	102.6162
0.05155	0.000301681	0	7.87E-16	-5.545E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00022	-102.617
0.0516	0.000301988	0	7.87E-16	-5.545E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00012	102.6176
0.05165	0.000302296	0	7.87E-16	-5.545E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00076	-102.618
0.0517	0.000302603	0	7.87E-16	-5.545E-16	-7.9E-16	1.03E-15	0.006151	0	-0.0002	102.6193
0.05175	0.000302911	0	7.87E-16	-5.5451E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00186	-102.62
0.0518	0.000303218	0	7.87E-16	-5.5451E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00025	102.6218
0.05185	0.000303526	0	7.87E-16	-5.5451E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00023	-102.621
0.0519	0.000303833	0	7.87E-16	-5.5451E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00081	102.6208
0.05195	0.000304141	0	7.87E-16	-5.5451E-16	-7.9E-16	7.63E-17	0.006151	0	0.000372	-102.622
0.052	0.000304449	0	7.869E-16	-5.5451E-16	-7.9E-16	1.03E-15	0.006151	0	-0.002	102.6242
0.05205	0.000304756	0	7.869E-16	-5.5451E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00051	-102.624

0.0521	0.000305064	0	7.869E-16	-5.5451E-16	-7.9E-16	1.03E-15	0.006151	0	0.000529	102.6228
0.05215	0.000305371	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00032	-102.625
0.0522	0.000305679	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00093	102.6274
0.05225	0.000305986	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00052	-102.627
0.0523	0.000306294	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00119	102.6249
0.05235	0.000306601	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00053	-102.625
0.0524	0.000306909	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.006151	0	0.000472	102.6246
0.05245	0.000307216	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.006151	0	-0.00126	-102.626
0.0525	0.000307524	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00096	102.6268
0.05255	0.000307831	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.006151	0	0.000205	-102.626
0.0526	0.000308139	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.006151	0	-0.00089	102.6257
0.05265	0.000308446	0	7.869E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00135	-102.626
0.0527	0.000308754	0	7.869E-16	-5.5452E-16	-7.9E-16	1.03E-15	0.00615	0	6.17E-05	102.6261
0.05275	0.000309061	0	7.868E-16	-5.5452E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00068	-102.627
0.0528	0.000309369	0	7.868E-16	-5.5453E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00014	102.6268
0.05285	0.000309677	0	7.868E-16	-5.5453E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00081	-102.629
0.0529	0.000309984	0	7.868E-16	-5.5453E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00077	102.632
0.05295	0.000310292	0	7.868E-16	-5.5453E-16	-7.9E-16	7.63E-17	0.00615	0	1.64E-05	-102.631
0.053	0.000310599	0	7.868E-16	-5.5453E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00043	102.6286
0.05305	0.000310907	0	7.868E-16	-5.5453E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00143	-102.63
0.0531	0.000311214	0	7.868E-16	-5.5454E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00113	102.6309
0.05315	0.000311522	0	7.868E-16	-5.5454E-16	-7.9E-16	7.63E-17	0.00615	0	-0.0009	-102.632
0.0532	0.000311829	0	7.868E-16	-5.5454E-16	-7.9E-16	1.03E-15	0.00615	0	0.000503	102.6334
0.05325	0.000312137	0	7.868E-16	-5.5454E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00064	-102.634
0.0533	0.000312444	0	7.868E-16	-5.5454E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00081	102.6345
0.05335	0.000312752	0	7.868E-16	-5.5454E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00046	-102.635
0.0534	0.000313059	0	7.867E-16	-5.5455E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00093	102.635
0.05345	0.000313367	0	7.867E-16	-5.5454E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00047	-102.635
0.0535	0.000313674	0	7.867E-16	-5.5455E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00018	102.6351
0.05355	0.000313982	0	7.867E-16	-5.5455E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00059	-102.636
0.0536	0.000314289	0	7.867E-16	-5.5455E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00032	102.6377
0.05365	0.000314597	0	7.867E-16	-5.5455E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00059	-102.638
0.0537	0.000314904	0	7.867E-16	-5.5455E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00082	102.639

0.05375	0.000315212	0	7.867E-16	-5.5456E-16	-7.9E-16	7.63E-17	0.00615	0	-0.00071	-102.639
0.0538	0.000315519	0	7.867E-16	-5.5456E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00122	102.6399
0.05385	0.000315827	0	7.867E-16	-5.5456E-16	-7.9E-16	7.63E-17	0.00615	0	0.000502	-102.64
0.0539	0.000316134	0	7.867E-16	-5.5456E-16	-7.9E-16	1.03E-15	0.00615	0	-0.00092	102.6408
0.05395	0.000316442	0	7.867E-16	-5.5456E-16	-7.9E-16	7.62E-17	0.00615	0	-0.00097	-102.641
0.054	0.000316749	0	7.867E-16	-5.5456E-16	-7.9E-16	1.03E-15	0.00615	0	0.00051	102.6412
0.05405	0.000317056	0	7.866E-16	-5.5457E-16	-7.9E-16	7.62E-17	0.00615	0	-0.00211	-102.644
0.0541	0.000317364	0	7.866E-16	-5.5457E-16	-7.9E-16	1.03E-15	0.00615	0	-0.001	102.649
0.05415	0.000317671	0	7.866E-16	-5.5457E-16	-7.9E-16	7.62E-17	0.00615	0	-0.00024	-102.648
0.0542	0.000317979	0	7.866E-16	-5.5457E-16	-7.9E-16	1.03E-15	0.00615	0	0.000518	102.645
0.05425	0.000318286	0	7.866E-16	-5.5458E-16	-7.9E-16	7.62E-17	0.00615	0	-0.00177	-102.646
0.0543	0.000318594	0	7.866E-16	-5.5458E-16	-7.9E-16	1.03E-15	0.006149	0	-0.00037	102.6474
0.05435	0.000318901	0	7.866E-16	-5.5458E-16	-7.9E-16	7.62E-17	0.006149	0	0.000588	-102.648
0.0544	0.000319209	0	7.866E-16	-5.5458E-16	-7.9E-16	1.03E-15	0.006149	0	-0.00105	102.6498
0.05445	0.000319516	0	7.866E-16	-5.5458E-16	-7.9E-16	7.62E-17	0.006149	0	-0.00145	-102.65
0.0545	0.000319824	0	7.866E-16	-5.5458E-16	-7.9E-16	1.03E-15	0.006149	0	4.74E-05	102.6503
0.05455	0.000320131	0	7.866E-16	-5.5459E-16	-7.9E-16	7.62E-17	0.006149	0	0.002421	-102.652
0.0546	0.000320439	0	7.866E-16	-5.5459E-16	-7.9E-16	1.03E-15	0.006149	0	0.000277	102.6551
0.05465	0.000320746	0	7.866E-16	-5.546E-16	-7.9E-16	7.62E-17	0.006149	0	-0.00209	-102.656
0.0547	0.000321054	0	7.159E-16	-4.9378E-16	-7.9E-16	1.03E-15	0.006149	0	-7.5847	115.7073
0.05475	0.000321342	0	7.159E-16	-4.9378E-16	-6.9E-16	3.31E-17	0.00577	0	-1.28758	-98.8554
0.0548	0.000321627	0	7.159E-16	-4.9378E-16	-6.8E-16	8.01E-16	0.005706	0	3.508267	65.86748
0.05485	0.000321922	0	7.159E-16	-4.9378E-16	-7.2E-16	1.76E-16	0.005881	0	1.369516	-68.1354
0.0549	0.000322219	0	7.159E-16	-4.9379E-16	-7.4E-16	8.3E-16	0.00595	0	-1.50932	72.20291
0.05495	0.000322513	0	7.159E-16	-4.9379E-16	-7.2E-16	1.52E-16	0.005874	0	-0.95784	-73.2386
0.055	0.000322804	0	7.159E-16	-4.9379E-16	-7.1E-16	8.44E-16	0.005826	0	0.567887	75.13511
0.05505	0.000323097	0	7.158E-16	-4.9379E-16	-7.1E-16	1.42E-16	0.005855	0	0.589517	-75.4908
0.0551	0.000323391	0	7.159E-16	-4.9379E-16	-7.2E-16	8.49E-16	0.005884	0	-0.17172	76.14734
0.05515	0.000323685	0	7.158E-16	-4.9379E-16	-7.2E-16	1.38E-16	0.005876	0	-0.32822	-76.2518
0.0552	0.000323978	0	7.158E-16	-4.938E-16	-7.1E-16	8.5E-16	0.005859	0	0.022909	76.44423
0.05525	0.000324271	0	7.158E-16	-4.938E-16	-7.1E-16	1.37E-16	0.00586	0	0.167649	-76.4737
0.0553	0.000324564	0	7.158E-16	-4.938E-16	-7.2E-16	8.5E-16	0.005869	0	0.020243	76.52829
0.05535	0.000324858	0	7.158E-16	-4.938E-16	-7.2E-16	1.37E-16	0.00587	0	-0.08128	-76.5372

0.0554	0.000325151	0	7.158E-16	-4.938E-16	-7.2E-16	8.51E-16	0.005866	0	-0.02596	76.55269
0.05545	0.000325444	0	7.158E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005864	0	0.034858	-76.5555
0.0555	0.000325737	0	7.158E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005866	0	0.01914	76.56005
0.05555	0.000326031	0	7.158E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005867	0	-0.0146	-76.5608
0.0556	0.000326324	0	7.158E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005866	0	-0.0127	76.56211
0.05565	0.000326617	0	7.158E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005866	0	0.003623	-76.5645
0.0557	0.000326911	0	7.158E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005866	0	0.007332	76.5668
0.05575	0.000327204	0	7.158E-16	-4.9381E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00222	-76.5668
0.0558	0.000327497	0	7.158E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005866	0	-0.00461	76.56742
0.05585	0.000327791	0	7.157E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00038	-76.5681
0.0559	0.000328084	0	7.158E-16	-4.9379E-16	-7.2E-16	8.51E-16	0.005866	0	0.003119	76.57473
0.05595	0.000328377	0	7.158E-16	-4.9379E-16	-7.2E-16	1.37E-16	0.005866	0	0.000402	-76.5702
0.056	0.00032867	0	7.157E-16	-4.9379E-16	-7.2E-16	8.51E-16	0.005866	0	-0.00258	76.56181
0.05605	0.000328964	0	7.157E-16	-4.9379E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00162	-76.5611
0.0561	0.000329257	0	7.157E-16	-4.9379E-16	-7.2E-16	8.51E-16	0.005866	0	0.00013	76.55925
0.05615	0.00032955	0	7.157E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00127	-76.5606
0.0562	0.000329844	0	7.157E-16	-4.938E-16	-7.2E-16	8.51E-16	0.005866	0	0.000459	76.56146
0.05625	0.000330137	0	7.157E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00038	-76.5606
0.0563	0.00033043	0	7.157E-16	-4.938E-16	-7.2E-16	8.51E-16	0.005866	0	-0.00135	76.55847
0.05635	0.000330724	0	7.157E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00107	-76.5597
0.0564	0.000331017	0	7.157E-16	-4.938E-16	-7.2E-16	8.51E-16	0.005866	0	-9.5E-05	76.56171
0.05645	0.00033131	0	7.157E-16	-4.938E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00036	-76.5624
0.0565	0.000331603	0	7.157E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005866	0	-0.00129	76.56297
0.05655	0.000331897	0	7.157E-16	-4.9381E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00029	-76.5639
0.0566	0.00033219	0	7.156E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005866	0	-0.00034	76.56511
0.05665	0.000332483	0	7.156E-16	-4.9381E-16	-7.2E-16	1.37E-16	0.005866	0	-0.00116	-76.566
0.0567	0.000332776	0	7.156E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00027	76.5676
0.05675	0.00033307	0	7.156E-16	-4.9381E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00018	-76.5673
0.0568	0.000333363	0	7.156E-16	-4.9381E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00011	76.56569
0.05685	0.000333656	0	7.156E-16	-4.9381E-16	-7.2E-16	1.37E-16	0.005865	0	-0.0018	-76.5664
0.0569	0.00033395	0	7.156E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00071	76.56739
0.05695	0.000334243	0	7.156E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00027	-76.5682
0.057	0.000334536	0	7.156E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00057	76.56936

0.05705	0.000334829	0	7.156E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00017	-76.5697
0.0571	0.000335123	0	7.156E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00051	76.56912
0.05715	0.000335416	0	7.156E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00076	-76.5695
0.0572	0.000335709	0	7.156E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00077	76.57001
0.05725	0.000336002	0	7.156E-16	-4.9382E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00068	-76.5708
0.0573	0.000336296	0	7.156E-16	-4.9382E-16	-7.2E-16	8.51E-16	0.005865	0	0.000394	76.57239
0.05735	0.000336589	0	7.155E-16	-4.9383E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00124	-76.5742
0.0574	0.000336882	0	7.155E-16	-4.9383E-16	-7.2E-16	8.51E-16	0.005865	0	-0.0012	76.5766
0.05745	0.000337175	0	7.155E-16	-4.9383E-16	-7.2E-16	1.37E-16	0.005865	0	0.000677	-76.5765
0.0575	0.000337469	0	7.155E-16	-4.9383E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00168	76.57615
0.05755	0.000337762	0	7.155E-16	-4.9383E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00085	-76.5766
0.0576	0.000338055	0	7.155E-16	-4.9383E-16	-7.2E-16	8.51E-16	0.005865	0	8.38E-05	76.57592
0.05765	0.000338348	0	7.155E-16	-4.9383E-16	-7.2E-16	1.37E-16	0.005865	0	0.0003	-76.5762
0.0577	0.000338642	0	7.155E-16	-4.9384E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00086	76.57626
0.05775	0.000338935	0	7.155E-16	-4.9383E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00205	-76.5767
0.0578	0.000339228	0	7.155E-16	-4.9383E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00049	76.57792
0.05785	0.000339521	0	7.155E-16	-4.9384E-16	-7.2E-16	1.37E-16	0.005865	0	0.000507	-76.5792
0.0579	0.000339815	0	7.155E-16	-4.9384E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00111	76.58065
0.05795	0.000340108	0	7.155E-16	-4.9384E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00111	-76.5807
0.058	0.000340401	0	7.154E-16	-4.9384E-16	-7.2E-16	8.51E-16	0.005865	0	-4E-05	76.58063
0.05805	0.000340694	0	7.154E-16	-4.9384E-16	-7.2E-16	1.37E-16	0.005865	0	0.000134	-76.5807
0.0581	0.000340988	0	7.154E-16	-4.9384E-16	-7.2E-16	8.51E-16	0.005865	0	-0.00054	76.58032
0.05815	0.000341281	0	7.154E-16	-4.9385E-16	-7.2E-16	1.37E-16	0.005865	0	-0.00101	-76.5824
0.0582	0.000341574	0	7.161E-16	-4.939E-16	-7.2E-16	8.51E-16	0.005865	0	0.076632	76.57412
0.05825	0.000341867	0	7.161E-16	-4.939E-16	-7.2E-16	1.37E-16	0.005868	0	0.014225	-76.5831
0.0583	0.000342161	0	7.161E-16	-4.939E-16	-7.2E-16	8.51E-16	0.005869	0	-0.03638	76.60035
0.05835	0.000342454	0	7.161E-16	-4.939E-16	-7.2E-16	1.37E-16	0.005867	0	-0.01505	-76.6045
0.0584	0.000342748	0	7.161E-16	-4.9391E-16	-7.2E-16	8.51E-16	0.005867	0	0.015528	76.60996
0.05845	0.000343041	0	7.161E-16	-4.9391E-16	-7.2E-16	1.37E-16	0.005867	0	0.008273	-76.6111
0.0585	0.000343334	0	7.161E-16	-4.9394E-16	-7.2E-16	8.51E-16	0.005868	0	-0.00602	76.60672
0.05855	0.000343628	0	7.161E-16	-4.9393E-16	-7.2E-16	1.37E-16	0.005868	0	-0.00514	-76.6117
0.0586	0.000343921	0	7.161E-16	-4.9394E-16	-7.2E-16	8.51E-16	0.005867	0	-2.7E-05	76.62069
0.05865	0.000344215	0	7.161E-16	-4.9394E-16	-7.2E-16	1.37E-16	0.005867	0	0.001454	-76.6235

0.0587	0.000344508	0	7.161E-16	-4.9394E-16	-7.2E-16	8.51E-16	0.005867	0	-0.00016	76.62858
0.05875	0.000344801	0	7.173E-16	-4.9336E-16	-7.2E-16	1.37E-16	0.005867	0	0.127471	-76.506
0.0588	0.000345095	0	7.173E-16	-4.9336E-16	-7.2E-16	8.49E-16	0.005874	0	0.023267	76.40181
0.05885	0.000345389	0	7.173E-16	-4.9336E-16	-7.2E-16	1.37E-16	0.005875	0	-0.05996	-76.3866
0.0589	0.000345682	0	7.172E-16	-4.9337E-16	-7.2E-16	8.49E-16	0.005872	0	-0.02433	76.35804
0.05895	0.000345976	0	7.171E-16	-4.9353E-16	-7.2E-16	1.38E-16	0.005871	0	0.013867	-76.39
0.059	0.000346269	0	7.171E-16	-4.9353E-16	-7.2E-16	8.5E-16	0.005871	0	0.014383	76.41369
0.05905	0.000346563	0	7.171E-16	-4.9353E-16	-7.2E-16	1.37E-16	0.005872	0	-0.00479	-76.4168
0.0591	0.000346857	0	7.171E-16	-4.9354E-16	-7.2E-16	8.5E-16	0.005872	0	-0.00844	76.42084
0.05915	0.00034715	0	7.171E-16	-4.9354E-16	-7.2E-16	1.37E-16	0.005871	0	0.000927	-76.4241
0.0592	0.000347444	0	7.171E-16	-4.9354E-16	-7.2E-16	8.5E-16	0.005871	0	0.002806	76.43029
0.05925	0.000347737	0	7.171E-16	-4.9355E-16	-7.2E-16	1.37E-16	0.005872	0	-0.00047	-76.4317
0.0593	0.000348031	0	7.171E-16	-4.9354E-16	-7.2E-16	8.5E-16	0.005872	0	-0.00226	76.43351
0.05935	0.000348324	0	7.171E-16	-4.9354E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00014	-76.4334
0.0594	0.000348618	0	7.171E-16	-4.9354E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00111	76.43299
0.05945	0.000348912	0	7.171E-16	-4.9355E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00074	-76.4345
0.0595	0.000349205	0	7.171E-16	-4.9355E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00028	76.43622
0.05955	0.000349499	0	7.171E-16	-4.9355E-16	-7.2E-16	1.37E-16	0.005871	0	8.31E-05	-76.4359
0.0596	0.000349792	0	7.171E-16	-4.9355E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00025	76.43414
0.05965	0.000350086	0	7.17E-16	-4.9355E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00133	-76.434
0.0597	0.000350379	0	7.17E-16	-4.9355E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00089	76.43418
0.05975	0.000350673	0	7.17E-16	-4.9356E-16	-7.2E-16	1.37E-16	0.005871	0	-0.0002	-76.4356
0.0598	0.000350967	0	7.17E-16	-4.9355E-16	-7.2E-16	8.5E-16	0.005871	0	-0.0006	76.43802
0.05985	0.00035126	0	7.17E-16	-4.9355E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00083	-76.4379
0.0599	0.000351554	0	7.17E-16	-4.9355E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00065	76.43762
0.05995	0.000351847	0	7.17E-16	-4.9356E-16	-7.2E-16	1.37E-16	0.005871	0	2.67E-05	-76.438
0.06	0.000352141	0	7.17E-16	-4.9356E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00102	76.43826
0.06005	0.000352434	0	7.17E-16	-4.9356E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00022	-76.4385
0.0601	0.000352728	0	7.17E-16	-4.9356E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00085	76.43863
0.06015	0.000353021	0	7.17E-16	-4.9357E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00094	-76.4405
0.0602	0.000353315	0	7.17E-16	-4.9356E-16	-7.2E-16	8.5E-16	0.005871	0	0.000706	76.44381
0.06025	0.000353608	0	7.17E-16	-4.9356E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00104	-76.4426
0.0603	0.000353902	0	7.169E-16	-4.9357E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00195	76.43893

0.06035	0.000354196	0	7.169E-16	-4.9356E-16	-7.2E-16	1.37E-16	0.005871	0	0.000229	-76.439
0.0604	0.000354489	0	7.169E-16	-4.9357E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00113	76.43839
0.06045	0.000354783	0	7.169E-16	-4.9357E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00217	-76.4409
0.0605	0.000355076	0	7.169E-16	-4.9357E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00054	76.44471
0.06055	0.00035537	0	7.169E-16	-4.9357E-16	-7.2E-16	1.37E-16	0.005871	0	0.000582	-76.4457
0.0606	0.000355663	0	7.169E-16	-4.9358E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00042	76.44662
0.06065	0.000355957	0	7.169E-16	-4.9357E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00114	-76.4467
0.0607	0.00035625	0	7.169E-16	-4.9358E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00041	76.44644
0.06075	0.000356544	0	7.169E-16	-4.9358E-16	-7.2E-16	1.37E-16	0.005871	0	-0.00083	-76.4477
0.0608	0.000356837	0	7.169E-16	-4.9358E-16	-7.2E-16	8.5E-16	0.005871	0	-0.0004	76.44945
0.06085	0.000357131	0	7.169E-16	-4.9358E-16	-7.2E-16	1.37E-16	0.005871	0	-5.2E-05	-76.4501
0.0609	0.000357424	0	7.169E-16	-4.9358E-16	-7.2E-16	8.5E-16	0.005871	0	-0.00069	76.45158
0.06095	0.000357718	0	7.168E-16	-4.9358E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00119	-76.4522
0.061	0.000358011	0	7.168E-16	-4.9359E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00027	76.45176
0.06105	0.000358305	0	7.168E-16	-4.9359E-16	-7.2E-16	1.37E-16	0.00587	0	-0.001	-76.4528
0.0611	0.000358599	0	7.168E-16	-4.9359E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00049	76.45461
0.06115	0.000358892	0	7.168E-16	-4.9359E-16	-7.2E-16	1.37E-16	0.00587	0	0.000126	-76.4549
0.0612	0.000359186	0	7.168E-16	-4.9359E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00159	76.45471
0.06125	0.000359479	0	7.168E-16	-4.9359E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00035	-76.4547
0.0613	0.000359773	0	7.168E-16	-4.9359E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00046	76.45494
0.06135	0.000360066	0	7.168E-16	-4.9359E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00065	-76.4558
0.0614	0.00036036	0	7.168E-16	-4.9359E-16	-7.2E-16	8.5E-16	0.00587	0	-6.4E-05	76.45653
0.06145	0.000360653	0	7.168E-16	-4.936E-16	-7.2E-16	1.37E-16	0.00587	0	-0.0006	-76.4577
0.0615	0.000360947	0	7.168E-16	-4.936E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00082	76.4599
0.06155	0.00036124	0	7.168E-16	-4.936E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00084	-76.4599
0.0616	0.000361534	0	7.167E-16	-4.936E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00117	76.45895
0.06165	0.000361827	0	7.167E-16	-4.936E-16	-7.2E-16	1.37E-16	0.00587	0	0.000133	-76.4598
0.0617	0.000362121	0	7.167E-16	-4.936E-16	-7.2E-16	8.5E-16	0.00587	0	0.000381	76.46115
0.06175	0.000362414	0	7.167E-16	-4.9361E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00182	-76.4626
0.0618	0.000362708	0	7.167E-16	-4.936E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00124	76.46432
0.06185	0.000363001	0	7.167E-16	-4.936E-16	-7.2E-16	1.37E-16	0.00587	0	0.000568	-76.464
0.0619	0.000363295	0	7.167E-16	-4.936E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00037	76.46362
0.06195	0.000363588	0	7.167E-16	-4.936E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00094	-76.4635

0.062	0.000363882	0	7.167E-16	-4.9361E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00109	76.46241
0.06205	0.000364175	0	7.167E-16	-4.9361E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00016	-76.4633
0.0621	0.000364469	0	7.167E-16	-4.9361E-16	-7.2E-16	8.5E-16	0.00587	0	0.000154	76.46487
0.06215	0.000364762	0	7.167E-16	-4.9361E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00146	-76.4655
0.0622	0.000365056	0	7.167E-16	-4.9361E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00131	76.46725
0.06225	0.000365349	0	7.167E-16	-4.9361E-16	-7.2E-16	1.37E-16	0.00587	0	0.000375	-76.4674
0.0623	0.000365643	0	7.166E-16	-4.9361E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00022	76.46657
0.06235	0.000365936	0	7.166E-16	-4.9362E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00153	-76.4673
0.0624	0.000366229	0	7.166E-16	-4.9361E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00016	76.46818
0.06245	0.000366523	0	7.166E-16	-4.9362E-16	-7.2E-16	1.37E-16	0.00587	0	0.000477	-76.4692
0.0625	0.000366816	0	7.166E-16	-4.9362E-16	-7.2E-16	8.5E-16	0.00587	0	-0.00145	76.46981
0.06255	0.00036711	0	7.166E-16	-4.9363E-16	-7.2E-16	1.37E-16	0.00587	0	-0.00104	-76.4715
0.0626	0.000367403	0	7.166E-16	-4.9362E-16	-7.2E-16	8.5E-16	0.005869	0	-0.00042	76.47431
0.06265	0.000367697	0	7.166E-16	-4.9363E-16	-7.2E-16	1.37E-16	0.005869	0	-0.00043	-76.4755
0.0627	0.00036799	0	7.166E-16	-4.9363E-16	-7.2E-16	8.5E-16	0.005869	0	-0.00044	76.47711
0.06275	0.000368284	0	7.166E-16	-4.9363E-16	-7.2E-16	1.37E-16	0.005869	0	-0.00094	-76.477
0.0628	0.000368577	0	7.166E-16	-4.9363E-16	-7.2E-16	8.5E-16	0.005869	0	0.000366	76.47582
0.06285	0.000368871	0	7.166E-16	-4.9364E-16	-7.2E-16	1.37E-16	0.005869	0	-0.00119	-76.477
0.0629	0.000369164	0	7.166E-16	-4.9364E-16	-7.2E-16	8.5E-16	0.005869	0	-0.00034	76.47807
0.06295	0.000369458	0	7.166E-16	-4.9363E-16	-7.2E-16	1.37E-16	0.005869	0	-0.00141	-76.478
0.063	0.000369751	0	7.165E-16	-4.9364E-16	-7.2E-16	8.5E-16	0.005869	0	-0.00038	76.47814
0.06305	0.000370045	0	7.165E-16	-4.9364E-16	-7.2E-16	1.37E-16	0.005869	0	-0.00073	-76.4785
0.0631	0.000370338	0	7.528E-16	-4.2493E-16	-7.2E-16	8.5E-16	0.005869	0	3.886876	91.22341
0.06315	0.000370641	0	7.528E-16	-4.2492E-16	-7.6E-16	6.98E-17	0.006064	0	0.65447	-76.2134
0.0632	0.000370946	0	7.527E-16	-4.2493E-16	-7.7E-16	6.62E-16	0.006096	0	-1.85136	50.90742
0.06325	0.000371246	0	7.527E-16	-4.2493E-16	-7.5E-16	1.99E-16	0.006004	0	-0.60556	-48.3804
0.0633	0.000371545	0	7.527E-16	-4.2492E-16	-7.4E-16	6.33E-16	0.005973	0	0.825162	44.6159
0.06335	0.000371846	0	7.527E-16	-4.2492E-16	-7.5E-16	2.24E-16	0.006015	0	0.435731	-43.0174
0.0634	0.000372147	0	7.527E-16	-4.2492E-16	-7.6E-16	6.15E-16	0.006036	0	-0.34493	40.70837
0.06345	0.000372448	0	7.527E-16	-4.2492E-16	-7.5E-16	2.41E-16	0.006019	0	-0.27297	-39.5724
0.0635	0.000372749	0	7.527E-16	-4.2492E-16	-7.5E-16	6.02E-16	0.006006	0	0.128208	37.96763
0.06355	0.000373049	0	7.527E-16	-4.2492E-16	-7.5E-16	2.52E-16	0.006012	0	0.1566	-37.1069
0.0636	0.00037335	0	7.527E-16	-4.2492E-16	-7.5E-16	5.92E-16	0.00602	0	-0.04106	35.90869

0.06365	0.000373651	0	7.527E-16	-4.2492E-16	-7.5E-16	2.61E-16	0.006018	0	-0.08578	-35.2295
0.0637	0.000373952	0	7.526E-16	-4.2491E-16	-7.5E-16	5.85E-16	0.006013	0	0.005656	34.29729
0.06375	0.000374253	0	7.526E-16	-4.2491E-16	-7.5E-16	2.68E-16	0.006014	0	0.042233	-33.746
0.0638	0.000374553	0	7.526E-16	-4.2491E-16	-7.5E-16	5.79E-16	0.006016	0	0.001772	32.99579
0.06385	0.000374854	0	7.526E-16	-4.2491E-16	-7.5E-16	2.73E-16	0.006016	0	-0.02101	-32.5378
0.0639	0.000375155	0	7.526E-16	-4.2491E-16	-7.5E-16	5.74E-16	0.006015	0	-0.00515	31.91992
0.06395	0.000375456	0	7.526E-16	-4.2491E-16	-7.5E-16	2.78E-16	0.006015	0	0.008717	-31.5341
0.064	0.000375756	0	7.526E-16	-4.2491E-16	-7.5E-16	5.69E-16	0.006015	0	0.002237	31.01777
0.06405	0.000376057	0	7.526E-16	-4.2491E-16	-7.5E-16	2.82E-16	0.006015	0	-0.00455	-30.6883
0.0641	0.000376358	0	7.526E-16	-4.2491E-16	-7.5E-16	5.66E-16	0.006015	0	-0.00318	30.24988
0.06415	0.000376659	0	7.526E-16	-4.2491E-16	-7.5E-16	2.85E-16	0.006015	0	0.001039	-29.9645
0.0642	0.000376959	0	7.525E-16	-4.2491E-16	-7.5E-16	5.63E-16	0.006015	0	0.000841	29.58644
0.06425	0.00037726	0	7.525E-16	-4.2491E-16	-7.5E-16	2.88E-16	0.006015	0	-0.00139	-29.3381
0.0643	0.000377561	0	7.525E-16	-4.249E-16	-7.5E-16	5.6E-16	0.006015	0	0.000352	29.01266
0.06435	0.000377862	0	7.525E-16	-4.249E-16	-7.5E-16	2.91E-16	0.006015	0	-0.00115	-28.7948
0.0644	0.000378162	0	7.525E-16	-4.249E-16	-7.5E-16	5.58E-16	0.006015	0	-0.00098	28.50823
0.06445	0.000378463	0	7.525E-16	-4.249E-16	-7.5E-16	2.93E-16	0.006015	0	-0.00119	-28.3154
0.0645	0.000378764	0	7.525E-16	-4.2492E-16	-7.5E-16	5.56E-16	0.006015	0	-0.00232	28.05946
0.06455	0.000379064	0	7.525E-16	-4.2491E-16	-7.5E-16	2.95E-16	0.006015	0	-0.0005	-27.889
0.0646	0.000379365	0	7.525E-16	-4.2491E-16	-7.5E-16	5.54E-16	0.006015	0	-0.00031	27.66784
0.06465	0.000379666	0	7.524E-16	-4.2491E-16	-7.5E-16	2.97E-16	0.006015	0	-0.00101	-27.5172
0.0647	0.000379967	0	7.524E-16	-4.2491E-16	-7.5E-16	5.52E-16	0.006014	0	-0.00109	27.32153
0.06475	0.000380267	0	7.524E-16	-4.2491E-16	-7.5E-16	2.98E-16	0.006014	0	-0.00175	-27.1854
0.0648	0.000380568	0	7.524E-16	-4.2491E-16	-7.5E-16	5.51E-16	0.006014	0	0.000241	27.00889
0.06485	0.000380869	0	7.524E-16	-4.2491E-16	-7.5E-16	3E-16	0.006014	0	-0.00024	-26.8874
0.0649	0.00038117	0	7.524E-16	-4.249E-16	-7.5E-16	5.49E-16	0.006014	0	-0.0012	26.73081
0.06495	0.00038147	0	7.524E-16	-4.2491E-16	-7.5E-16	3.01E-16	0.006014	0	-0.00149	-26.6214
0.065	0.000381771	0	7.524E-16	-4.249E-16	-7.5E-16	5.48E-16	0.006014	0	-0.00082	26.48008
0.06505	0.000382072	0	7.524E-16	-4.2491E-16	-7.5E-16	3.02E-16	0.006014	0	-0.0013	-26.3807
0.0651	0.000382372	0	7.524E-16	-4.2491E-16	-7.5E-16	5.47E-16	0.006014	0	0.001057	26.25178
0.06515	0.000382673	0	7.524E-16	-4.249E-16	-7.5E-16	3.03E-16	0.006014	0	-0.00063	-26.1606
0.0652	0.000382974	0	7.523E-16	-4.249E-16	-7.5E-16	5.46E-16	0.006014	0	-0.002	26.04357
0.06525	0.000383274	0	7.523E-16	-4.249E-16	-7.5E-16	3.04E-16	0.006014	0	-0.00028	-25.9615

0.0653	0.000383575	0	7.523E-16	-4.249E-16	-7.5E-16	5.45E-16	0.006014	0	0.000554	25.85633
0.06535	0.000383876	0	7.523E-16	-4.249E-16	-7.5E-16	3.05E-16	0.006014	0	-0.00124	-25.7814
0.0654	0.000384177	0	7.523E-16	-4.249E-16	-7.5E-16	5.45E-16	0.006014	0	-0.00152	25.68561
0.06545	0.000384477	0	7.524E-16	-4.2342E-16	-7.5E-16	3.06E-16	0.006014	0	0.011386	-25.3004
0.0655	0.000384778	0	7.525E-16	-4.2378E-16	-7.5E-16	5.41E-16	0.006014	0	0.016264	25.0478
0.06555	0.000385079	0	7.525E-16	-4.2378E-16	-7.5E-16	3.08E-16	0.006015	0	-0.00473	-24.9441
0.0656	0.000385379	0	7.525E-16	-4.2378E-16	-7.5E-16	5.39E-16	0.006015	0	-0.00907	24.81202
0.06565	0.00038568	0	7.525E-16	-4.2378E-16	-7.5E-16	3.09E-16	0.006015	0	-0.00028	-24.717
0.0657	0.000385981	0	7.525E-16	-4.2378E-16	-7.5E-16	5.38E-16	0.006015	0	0.003289	24.59677
0.06575	0.000386282	0	7.525E-16	-4.2378E-16	-7.5E-16	3.1E-16	0.006015	0	-0.00058	-24.5102
0.0658	0.000386582	0	7.525E-16	-4.2377E-16	-7.5E-16	5.37E-16	0.006015	0	-0.0035	24.40066
0.06585	0.000386883	0	7.525E-16	-4.2378E-16	-7.5E-16	3.1E-16	0.006015	0	-0.001	-24.3203
0.0659	0.000387184	0	7.525E-16	-4.2377E-16	-7.5E-16	5.37E-16	0.006014	0	0.000477	24.21869
0.06595	0.000387485	0	7.524E-16	-4.2377E-16	-7.5E-16	3.11E-16	0.006014	0	-0.00029	-24.1449
0.066	0.000387785	0	7.524E-16	-4.2377E-16	-7.5E-16	5.36E-16	0.006014	0	-0.00147	24.05128
0.06605	0.000388086	0	7.524E-16	-4.2377E-16	-7.5E-16	3.12E-16	0.006014	0	-0.00115	-23.9816
0.0661	0.000388387	0	7.524E-16	-4.2377E-16	-7.5E-16	5.35E-16	0.006014	0	-0.00075	23.89535
0.06615	0.000388687	0	7.524E-16	-4.2377E-16	-7.5E-16	3.13E-16	0.006014	0	-0.00077	-23.8335
0.0662	0.000388988	0	7.524E-16	-4.2377E-16	-7.5E-16	5.34E-16	0.006014	0	-0.00028	23.75516
0.06625	0.000389289	0	7.524E-16	-4.2377E-16	-7.5E-16	3.13E-16	0.006014	0	-0.00111	-23.6966
0.0663	0.00038959	0	7.524E-16	-4.2377E-16	-7.5E-16	5.34E-16	0.006014	0	-0.00116	23.62288
0.06635	0.00038989	0	7.524E-16	-4.2377E-16	-7.5E-16	3.14E-16	0.006014	0	-0.00067	-23.5687
0.0664	0.000390191	0	7.524E-16	-4.2377E-16	-7.5E-16	5.33E-16	0.006014	0	-0.00073	23.50078
0.06645	0.000390492	0	7.523E-16	-4.2377E-16	-7.5E-16	3.14E-16	0.006014	0	-0.00057	-23.4513
0.0665	0.000390792	0	7.523E-16	-4.2376E-16	-7.5E-16	5.33E-16	0.006014	0	-0.00098	23.38929
0.06655	0.000391093	0	7.523E-16	-4.2376E-16	-7.5E-16	3.15E-16	0.006014	0	-0.00076	-23.3423
0.0666	0.000391394	0	7.523E-16	-4.2376E-16	-7.5E-16	5.32E-16	0.006014	0	-0.00115	23.28335
0.06665	0.000391694	0	7.523E-16	-4.2376E-16	-7.5E-16	3.15E-16	0.006014	0	-0.00058	-23.2394
0.0667	0.000391995	0	7.523E-16	-4.2376E-16	-7.5E-16	5.32E-16	0.006014	0	-0.00019	23.18513
0.06675	0.000392296	0	7.523E-16	-4.2376E-16	-7.5E-16	3.16E-16	0.006014	0	-0.00184	-23.1449
0.0668	0.000392597	0	7.523E-16	-4.2376E-16	-7.5E-16	5.31E-16	0.006014	0	-0.00083	23.09442
0.06685	0.000392897	0	7.523E-16	-4.2376E-16	-7.5E-16	3.16E-16	0.006014	0	-0.00013	-23.0562
0.0669	0.000393198	0	7.522E-16	-4.2376E-16	-7.5E-16	5.31E-16	0.006014	0	-0.0011	23.00797

0.06695	0.000393499	0	7.522E-16	-4.2375E-16	-7.5E-16	3.17E-16	0.006014	0	-0.00076	-22.9717
0.067	0.000393799	0	7.522E-16	-4.2376E-16	-7.5E-16	5.31E-16	0.006014	0	-0.00072	22.92685
0.06705	0.0003941	0	7.522E-16	-4.2376E-16	-7.5E-16	3.17E-16	0.006014	0	-0.00026	-22.8948
0.0671	0.000394401	0	7.522E-16	-4.2376E-16	-7.5E-16	5.3E-16	0.006014	0	-0.00176	22.85481
0.06715	0.000394701	0	7.522E-16	-4.2376E-16	-7.5E-16	3.17E-16	0.006013	0	-0.00053	-22.8251
0.0672	0.000395002	0	7.522E-16	-4.2376E-16	-7.5E-16	5.3E-16	0.006013	0	-0.00108	22.78743
0.06725	0.000395303	0	7.522E-16	-4.2376E-16	-7.5E-16	3.18E-16	0.006013	0	-0.00082	-22.7585
0.0673	0.000395603	0	7.522E-16	-4.2375E-16	-7.5E-16	5.3E-16	0.006013	0	-0.00083	22.72395
0.06735	0.000395904	0	7.522E-16	-4.2375E-16	-7.5E-16	3.18E-16	0.006013	0	-0.00061	-22.6973
0.0674	0.000396205	0	7.521E-16	-4.2375E-16	-7.5E-16	5.29E-16	0.006013	0	-0.00113	22.66374
0.06745	0.000396505	0	7.521E-16	-4.2375E-16	-7.5E-16	3.18E-16	0.006013	0	-0.00086	-22.6387
0.0675	0.000396806	0	7.521E-16	-4.2375E-16	-7.5E-16	5.29E-16	0.006013	0	-0.00125	22.60766
0.06755	0.000397107	0	7.521E-16	-4.2375E-16	-7.5E-16	3.19E-16	0.006013	0	-0.00026	-22.5844
0.0676	0.000397407	0	7.521E-16	-4.2375E-16	-7.5E-16	5.29E-16	0.006013	0	-0.00096	22.55428
0.06765	0.000397708	0	7.521E-16	-4.2375E-16	-7.5E-16	3.19E-16	0.006013	0	-0.00036	-22.5316
0.0677	0.000398009	0	7.521E-16	-4.2375E-16	-7.5E-16	5.29E-16	0.006013	0	-0.0012	22.50449
0.06775	0.000398309	0	7.521E-16	-4.2374E-16	-7.5E-16	3.19E-16	0.006013	0	-0.00067	-22.4831
0.0678	0.00039861	0	7.774E-16	-3.9119E-16	-7.5E-16	5.28E-16	0.006013	0	2.715594	29.44406
0.06785	0.000398917	0	7.774E-16	-3.9118E-16	-7.9E-16	2.65E-16	0.006149	0	0.387562	-27.1222
0.0679	0.000399226	0	7.774E-16	-3.9119E-16	-7.9E-16	5.04E-16	0.006168	0	-1.31026	24.28036
0.06795	0.000399531	0	7.773E-16	-3.9118E-16	-7.7E-16	2.86E-16	0.006103	0	-0.36654	-22.5064
0.068	0.000399835	0	7.773E-16	-3.9118E-16	-7.7E-16	4.86E-16	0.006084	0	0.603497	20.41679
0.06805	0.000400141	0	7.773E-16	-3.9118E-16	-7.8E-16	3.03E-16	0.006114	0	0.265972	-18.9975
0.0681	0.000400447	0	7.773E-16	-3.9118E-16	-7.8E-16	4.72E-16	0.006128	0	-0.26781	17.37721
0.06815	0.000400753	0	7.773E-16	-3.9118E-16	-7.8E-16	3.16E-16	0.006114	0	-0.16957	-16.2078
0.0682	0.000401058	0	7.773E-16	-3.9118E-16	-7.8E-16	4.61E-16	0.006106	0	0.108941	14.90461
0.06825	0.000401364	0	7.773E-16	-3.9118E-16	-7.8E-16	3.26E-16	0.006111	0	0.099675	-13.9227
0.0683	0.00040167	0	7.773E-16	-3.9118E-16	-7.8E-16	4.51E-16	0.006116	0	-0.04305	12.85414
0.06835	0.000401975	0	7.773E-16	-3.9118E-16	-7.8E-16	3.35E-16	0.006114	0	-0.0555	-12.021
0.0684	0.000402281	0	7.773E-16	-3.9118E-16	-7.8E-16	4.43E-16	0.006111	0	0.011733	11.13031
0.06845	0.000402586	0	7.772E-16	-3.9117E-16	-7.8E-16	3.43E-16	0.006112	0	0.028069	-10.4156
0.0685	0.000402892	0	7.772E-16	-3.9117E-16	-7.8E-16	4.36E-16	0.006113	0	-0.00293	9.664974
0.06855	0.000403198	0	7.772E-16	-3.9117E-16	-7.8E-16	3.49E-16	0.006113	0	-0.0146	-9.04895

0.0686	0.000403503	0	7.772E-16	-3.9117E-16	-7.8E-16	4.3E-16	0.006112	0	-0.00275	8.409477
0.06865	0.000403809	0	7.772E-16	-3.9117E-16	-7.8E-16	3.54E-16	0.006112	0	0.006253	-7.8752
0.0687	0.000404115	0	7.772E-16	-3.9117E-16	-7.8E-16	4.25E-16	0.006113	0	0.001625	7.328219
0.06875	0.00040442	0	7.772E-16	-3.9117E-16	-7.8E-16	3.59E-16	0.006113	0	-0.00488	-6.86265
0.0688	0.000404726	0	7.772E-16	-3.9117E-16	-7.8E-16	4.21E-16	0.006113	0	-0.00266	6.391158
0.06885	0.000405032	0	7.772E-16	-3.9117E-16	-7.8E-16	3.63E-16	0.006112	0	0.000769	-5.98579
0.0689	0.000405337	0	7.772E-16	-3.9117E-16	-7.8E-16	4.17E-16	0.006112	0	0.00044	5.579137
0.06895	0.000405643	0	7.771E-16	-3.9116E-16	-7.8E-16	3.67E-16	0.006112	0	-0.00102	-5.22472
0.069	0.000405948	0	7.771E-16	-3.9117E-16	-7.8E-16	4.14E-16	0.006112	0	-0.00148	4.872463
0.06905	0.000406254	0	7.771E-16	-3.9117E-16	-7.8E-16	3.7E-16	0.006112	0	-0.0008	-4.56363
0.0691	0.00040656	0	7.771E-16	-3.9117E-16	-7.8E-16	4.11E-16	0.006112	0	-0.00031	4.258562
0.06915	0.000406865	0	7.771E-16	-3.9117E-16	-7.8E-16	3.73E-16	0.006112	0	-7.3E-05	-3.9883
0.0692	0.000407171	0	7.771E-16	-3.9116E-16	-7.8E-16	4.09E-16	0.006112	0	-0.00179	3.72499
0.06925	0.000407476	0	7.771E-16	-3.9114E-16	-7.8E-16	3.75E-16	0.006112	0	-0.00025	-3.48423
0.0693	0.000407782	0	7.771E-16	-3.9114E-16	-7.8E-16	4.06E-16	0.006112	0	-0.00018	3.25405
0.06935	0.000408088	0	7.771E-16	-3.9113E-16	-7.8E-16	3.77E-16	0.006112	0	-0.00141	-3.04659
0.0694	0.000408393	0	7.771E-16	-3.9114E-16	-7.8E-16	4.04E-16	0.006112	0	-0.00108	2.845268
0.06945	0.000408699	0	7.771E-16	-3.9114E-16	-7.8E-16	3.79E-16	0.006112	0	-0.0007	-2.66383
0.0695	0.000409004	0	7.769E-16	-3.9105E-16	-7.8E-16	4.03E-16	0.006112	0	-0.01381	2.507991
0.06955	0.00040931	0	7.769E-16	-3.9105E-16	-7.8E-16	3.8E-16	0.006111	0	-0.00274	-2.34729
0.0696	0.000409616	0	7.769E-16	-3.9104E-16	-7.8E-16	4.01E-16	0.006111	0	0.005882	2.193661
0.06965	0.000409921	0	7.769E-16	-3.9104E-16	-7.8E-16	3.81E-16	0.006111	0	0.001359	-2.05303
0.0697	0.000410227	0	7.769E-16	-3.9104E-16	-7.8E-16	4E-16	0.006112	0	-0.00427	1.918475
0.06975	0.000410532	0	7.769E-16	-3.9104E-16	-7.8E-16	3.83E-16	0.006111	0	-0.00323	-1.7953
0.0698	0.000410838	0	7.769E-16	-3.9104E-16	-7.8E-16	3.99E-16	0.006111	0	0.000888	1.677948
0.06985	0.000411143	0	7.768E-16	-3.9104E-16	-7.8E-16	3.84E-16	0.006111	0	0.001215	-1.56994
0.0699	0.000411449	0	7.768E-16	-3.9103E-16	-7.8E-16	3.98E-16	0.006111	0	-0.0016	1.468211
0.06995	0.000411755	0	7.768E-16	-3.9104E-16	-7.8E-16	3.85E-16	0.006111	0	-0.00302	-1.37474
0.07	0.00041206	0	7.768E-16	-3.9104E-16	-7.8E-16	3.97E-16	0.006111	0	0.000285	1.284776
0.07005	0.000412366	0	7.768E-16	-3.9103E-16	-7.8E-16	3.85E-16	0.006111	0	0.00111	-1.20061
0.0701	0.000412671	0	7.768E-16	-3.9103E-16	-7.8E-16	3.96E-16	0.006111	0	-0.00122	1.122296
0.07015	0.000412977	0	7.768E-16	-3.9103E-16	-7.8E-16	3.86E-16	0.006111	0	-0.002	-1.04989
0.0702	0.000413282	0	7.768E-16	-3.9103E-16	-7.8E-16	3.96E-16	0.006111	0	-5.4E-06	0.981577

0.07025	0.000413588	0	7.768E-16	-3.9103E-16	-7.8E-16	3.87E-16	0.006111	0	0.000242	-0.91893
0.0703	0.000413893	0	7.768E-16	-3.9103E-16	-7.8E-16	3.95E-16	0.006111	0	-0.00241	0.860253
0.07035	0.000414199	0	7.768E-16	-3.9102E-16	-7.8E-16	3.87E-16	0.006111	0	-0.00063	-0.80381
0.0704	0.000414504	0	7.767E-16	-3.9103E-16	-7.8E-16	3.95E-16	0.006111	0	-0.00019	0.750685
0.07045	0.00041481	0	7.767E-16	-3.9103E-16	-7.8E-16	3.88E-16	0.006111	0	-0.00014	-0.70255
0.0705	0.000415116	0	7.768E-16	-3.9107E-16	-7.8E-16	3.94E-16	0.006111	0	0.001995	0.648641
0.07055	0.000415421	0	7.767E-16	-3.9107E-16	-7.8E-16	3.88E-16	0.006111	0	-0.00063	-0.60778
0.0706	0.000415727	0	7.767E-16	-3.9106E-16	-7.8E-16	3.94E-16	0.006111	0	-0.00198	0.569764
0.07065	0.000416032	0	7.771E-16	-3.9097E-16	-7.8E-16	3.89E-16	0.006111	0	0.042472	-0.51324
0.0707	0.000416338	0	7.771E-16	-3.9097E-16	-7.8E-16	3.93E-16	0.006113	0	0.005284	0.480958
0.07075	0.000416643	0	7.771E-16	-3.9096E-16	-7.8E-16	3.89E-16	0.006113	0	-0.02212	-0.44916
0.0708	0.000416949	0	7.771E-16	-3.9096E-16	-7.8E-16	3.93E-16	0.006112	0	-0.00611	0.419898
0.07085	0.000417255	0	7.771E-16	-3.9097E-16	-7.8E-16	3.89E-16	0.006112	0	0.007899	-0.3937
0.0709	0.00041756	0	7.771E-16	-3.9095E-16	-7.8E-16	3.93E-16	0.006112	0	0.011185	0.372774
0.07095	0.000417866	0	7.771E-16	-3.9095E-16	-7.8E-16	3.89E-16	0.006113	0	-0.00348	-0.34859
0.071	0.000418172	0	7.771E-16	-3.9094E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00673	0.326383
0.07105	0.000418477	0	7.771E-16	-3.9095E-16	-7.8E-16	3.9E-16	0.006112	0	9.37E-06	-0.30625
0.0711	0.000418783	0	7.771E-16	-3.9094E-16	-7.8E-16	3.92E-16	0.006112	0	0.001994	0.28758
0.07115	0.000419088	0	7.771E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00107	-0.26885
0.0712	0.000419394	0	7.771E-16	-3.9094E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00147	0.252134
0.07125	0.0004197	0	7.771E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00062	-0.23588
0.0713	0.000420005	0	7.771E-16	-3.9093E-16	-7.8E-16	3.92E-16	0.006112	0	0.000126	0.221676
0.07135	0.000420311	0	7.771E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00224	-0.20838
0.0714	0.000420616	0	7.77E-16	-3.9093E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00108	0.195695
0.07145	0.000420922	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00017	-0.18322
0.0715	0.000421228	0	7.77E-16	-3.9093E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00063	0.172179
0.07155	0.000421533	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	0.001881	-0.16333
0.0716	0.000421839	0	7.77E-16	-3.9094E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00019	0.152984
0.07165	0.000422144	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00239	-0.14331
0.0717	0.00042245	0	7.77E-16	-3.9094E-16	-7.8E-16	3.92E-16	0.006112	0	-0.00116	0.134919
0.07175	0.000422756	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00019	-0.12703
0.0718	0.000423061	0	7.77E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006112	0	0.000295	0.120129
0.07185	0.000423367	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-0.00189	-0.11291

0.0719	0.000423672	0	7.77E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006112	0	-0.00166	0.106132
0.07195	0.000423978	0	7.77E-16	-3.9094E-16	-7.8E-16	3.9E-16	0.006112	0	-9.9E-05	-0.0999
0.072	0.000424283	0	7.77E-16	-3.9093E-16	-7.8E-16	3.91E-16	0.006112	0	0.000375	0.094586
0.07205	0.000424589	0	7.769E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006112	0	-0.00162	-0.08923
0.0721	0.000424895	0	7.769E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006112	0	-0.00178	0.082952
0.07215	0.0004252	0	7.769E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006111	0	0.000471	-0.07775
0.0722	0.000425506	0	7.769E-16	-3.9093E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00093	0.073888
0.07225	0.000425811	0	7.769E-16	-3.9094E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00072	-0.06961
0.0723	0.000426117	0	7.768E-16	-3.9106E-16	-7.8E-16	3.91E-16	0.006111	0	-0.01045	0.039447
0.07235	0.000426422	0	7.768E-16	-3.9106E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00105	-0.0367
0.0724	0.000426728	0	7.768E-16	-3.9105E-16	-7.8E-16	3.91E-16	0.006111	0	0.003948	0.034845
0.07245	0.000427034	0	7.768E-16	-3.9106E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00032	-0.03317
0.0725	0.000427339	0	7.768E-16	-3.9106E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00472	0.031104
0.07255	0.000427645	0	7.768E-16	-3.9106E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00091	-0.02999
0.0726	0.00042795	0	7.767E-16	-3.9105E-16	-7.8E-16	3.91E-16	0.006111	0	0.000498	0.029204
0.07265	0.000428256	0	7.767E-16	-3.9105E-16	-7.8E-16	3.91E-16	0.006111	0	0.000203	-0.02691
0.0727	0.000428561	0	7.767E-16	-3.9105E-16	-7.8E-16	3.91E-16	0.006111	0	-0.00171	0.025126
0.07275	0.000428867	0	7.767E-16	-3.9105E-16	-7.8E-16	3.91E-16	0.006111	0	-0.001	-0.02285
0.0728	0.000429172	0	7.766E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.006111	0	-0.0163	0.006068
0.07285	0.000429478	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00237	-0.00576
0.0729	0.000429783	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	0.006873	0.005893
0.07295	0.000430089	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	0.001603	-0.00481
0.073	0.000430394	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00519	0.003619
0.07305	0.0004307	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00264	-0.00242
0.0731	0.000431005	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	0.001552	0.001666
0.07315	0.000431311	0	7.765E-16	-3.9112E-16	-7.8E-16	3.91E-16	0.00611	0	0.000756	-0.00121
0.0732	0.000431616	0	7.765E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00319	0.001805
0.07325	0.000431922	0	7.765E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00121	-0.00165
0.0733	0.000432227	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00044	0.002048
0.07335	0.000432533	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00017	-0.00171
0.0734	0.000432838	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00075	0.000855
0.07345	0.000433144	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00027	-0.0001
0.0735	0.000433449	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00116	0.000638

0.07355	0.000433755	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00152	-0.00056
0.0736	0.00043406	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.006109	0	-0.0009	0.000591
0.07365	0.000434366	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00058	-0.0002
0.0737	0.000434671	0	7.764E-16	-3.911E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00037	0.000808
0.07375	0.000434977	0	7.764E-16	-3.911E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00104	-0.00096
0.0738	0.000435282	0	7.764E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.006109	0	-0.0007	0.000352
0.07385	0.000435587	0	7.763E-16	-3.9111E-16	-7.8E-16	3.91E-16	0.006109	0	-3.8E-05	-0.00062
0.0739	0.000435893	0	7.763E-16	-3.9124E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00029	-0.02733
0.07395	0.000436198	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00182	0.026558
0.074	0.000436504	0	7.763E-16	-3.9124E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00059	-0.02583
0.07405	0.000436809	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00036	0.025422
0.0741	0.000437115	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00048	-0.02327
0.07415	0.00043742	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00136	0.021511
0.0742	0.000437726	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00123	-0.02045
0.07425	0.000438031	0	7.763E-16	-3.9123E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00088	0.020539
0.0743	0.000438337	0	7.763E-16	-3.9122E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00099	-0.01906
0.07435	0.000438642	0	7.764E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	0.012641	0.027712
0.0744	0.000438947	0	7.764E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	0.001071	-0.02683
0.07445	0.000439253	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.00611	0	-0.00722	0.0258
0.0745	0.000439558	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00287	-0.02367
0.07455	0.000439864	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	0.002544	0.021892
0.0746	0.000440169	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00012	-0.02099
0.07465	0.000440475	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00131	0.019264
0.0747	0.00044078	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00162	-0.01663
0.07475	0.000441086	0	7.763E-16	-3.9118E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00052	0.015673
0.0748	0.000441391	0	7.763E-16	-3.9117E-16	-7.8E-16	3.91E-16	0.006109	0	4.06E-05	-0.01427
0.07485	0.000441697	0	7.763E-16	-3.9117E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00079	0.013809
0.0749	0.000442002	0	7.763E-16	-3.9117E-16	-7.8E-16	3.91E-16	0.006109	0	-0.00152	-0.01229
0.07495	0.000442307	0	9.636E-16	-2.9007E-16	-7.8E-16	3.91E-16	0.006109	0	20.10185	21.70559
0.075	0.000442663	0	9.636E-16	-2.9007E-16	-1.1E-15	2.2E-16	0.007114	0	0.490673	-15.0542
0.07505	0.00044302	0	9.636E-16	-2.901E-16	-1.1E-15	3.34E-16	0.007138	0	-10.0993	9.317159
0.0751	0.000443352	0	9.637E-16	-2.694E-16	-9.2E-16	2.6E-16	0.006634	0	0.141935	-1.92379
0.07515	0.000443684	0	9.637E-16	-2.694E-16	-9.2E-16	2.75E-16	0.006641	0	5.050151	1.156105

0.0752	0.000444028	0	9.637E-16	-2.6939E-16	-9.9E-16	2.66E-16	0.006893	0	-0.12334	-0.70413
0.07525	0.000444373	0	9.637E-16	-2.6939E-16	-9.9E-16	2.71E-16	0.006887	0	-2.52152	0.426324
0.0753	0.000444711	0	9.636E-16	-2.6938E-16	-9.5E-16	2.68E-16	0.006761	0	0.117655	-0.25728
0.07535	0.000445049	0	9.636E-16	-2.6938E-16	-9.5E-16	2.7E-16	0.006767	0	1.257836	0.156456
0.0754	0.000445391	0	9.636E-16	-2.6938E-16	-9.7E-16	2.69E-16	0.00683	0	-0.08156	-0.09451
0.07545	0.000445732	0	9.636E-16	-2.6938E-16	-9.7E-16	2.7E-16	0.006826	0	-0.6283	0.056824
0.0755	0.000446072	0	9.636E-16	-2.6937E-16	-9.6E-16	2.69E-16	0.006794	0	0.052333	-0.033
0.07555	0.000446411	0	9.636E-16	-2.6937E-16	-9.6E-16	2.69E-16	0.006797	0	0.311728	0.021308
0.0756	0.000446752	0	9.636E-16	-2.6937E-16	-9.7E-16	2.69E-16	0.006812	0	-0.03361	-0.01294
0.07565	0.000447093	0	9.636E-16	-2.6937E-16	-9.6E-16	2.69E-16	0.006811	0	-0.15665	0.007233
0.0757	0.000447433	0	9.635E-16	-2.6936E-16	-9.6E-16	2.69E-16	0.006803	0	0.018721	-0.00306
0.07575	0.000447773	0	9.635E-16	-2.6936E-16	-9.6E-16	2.69E-16	0.006804	0	0.076545	0.002424
0.0758	0.000448113	0	9.635E-16	-2.6936E-16	-9.6E-16	2.69E-16	0.006808	0	-0.01247	-0.0018
0.07585	0.000448454	0	9.635E-16	-2.6936E-16	-9.6E-16	2.69E-16	0.006807	0	-0.03937	0.001974
0.0759	0.000448794	0	9.635E-16	-2.6935E-16	-9.6E-16	2.69E-16	0.006805	0	0.00576	-0.00049
0.07595	0.000449134	0	9.635E-16	-2.6935E-16	-9.6E-16	2.69E-16	0.006805	0	0.0172	0.001865
0.076	0.000449474	0	9.635E-16	-2.6935E-16	-9.6E-16	2.69E-16	0.006806	0	-0.00344	-0.00117
0.07605	0.000449815	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006806	0	-0.01027	0.001801
0.0761	0.000450155	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006805	0	0.000927	-0.00081
0.07615	0.000450495	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006806	0	0.003475	0.001589
0.0762	0.000450836	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006806	0	-0.00253	-0.00116
0.07625	0.000451176	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006806	0	-0.00252	0.000481
0.0763	0.000451516	0	9.634E-16	-2.6934E-16	-9.6E-16	2.69E-16	0.006805	0	2.81E-05	-2.5E-05
0.07635	0.000451856	0	9.634E-16	-2.6933E-16	-9.6E-16	2.69E-16	0.006805	0	0.000209	0.000846
0.0764	0.000452197	0	9.634E-16	-2.6933E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00201	-0.00017
0.07645	0.000452537	0	9.633E-16	-2.6933E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00121	1.23E-05
0.0765	0.000452877	0	9.633E-16	-2.6932E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00055	0.001669
0.07655	0.000453218	0	9.633E-16	-2.6932E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00055	-0.00054
0.0766	0.000453558	0	9.633E-16	-2.6932E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00089	0.000467
0.07665	0.000453898	0	9.633E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00151	0.001293
0.0767	0.000454238	0	9.633E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00018	-0.00065
0.07675	0.000454579	0	9.633E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.0005	0.000694
0.0768	0.000454919	0	9.633E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00143	4.8E-05

0.07685	0.000455259	0	9.632E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00113	9.64E-05
0.0769	0.000455599	0	9.632E-16	-2.6931E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00076	-0.00016
0.07695	0.00045594	0	9.632E-16	-2.693E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00043	0.00179
0.077	0.00045628	0	9.632E-16	-2.693E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00126	-0.00096
0.07705	0.00045662	0	9.632E-16	-2.693E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00067	0.001152
0.0771	0.00045696	0	9.632E-16	-2.6929E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00121	0.000791
0.07715	0.000457301	0	9.632E-16	-2.6929E-16	-9.6E-16	2.69E-16	0.006805	0	4.87E-05	5.54E-05
0.0772	0.000457641	0	9.632E-16	-2.6929E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00145	-0.00052
0.07725	0.000457981	0	9.631E-16	-2.6929E-16	-9.6E-16	2.69E-16	0.006805	0	-0.0014	-3.8E-05
0.0773	0.000458321	0	9.631E-16	-2.6928E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00111	0.002091
0.07735	0.000458661	0	9.631E-16	-2.6928E-16	-9.6E-16	2.69E-16	0.006805	0	9.18E-05	-9.9E-05
0.0774	0.000459002	0	9.631E-16	-2.6928E-16	-9.6E-16	2.69E-16	0.006805	0	-0.001	-0.00052
0.07745	0.000459342	0	9.631E-16	-2.6927E-16	-9.6E-16	2.69E-16	0.006805	0	-0.00087	0.001924
0.0775	0.000459682	0	9.631E-16	-2.6928E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00151	-0.00175
0.07755	0.000460022	0	9.631E-16	-2.6927E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00104	0.002832
0.0776	0.000460363	0	9.631E-16	-2.6926E-16	-9.6E-16	2.69E-16	0.006804	0	-4.9E-05	-0.00106
0.07765	0.000460703	0	9.631E-16	-2.6926E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00079	0.000444
0.0777	0.000461043	0	9.63E-16	-2.6926E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00157	0.001161
0.07775	0.000461383	0	9.63E-16	-2.6926E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00109	-0.0003
0.0778	0.000461723	0	9.63E-16	-2.6926E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00048	0.000402
0.07785	0.000462064	0	9.63E-16	-2.6925E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00108	0.000266
0.0779	0.000462404	0	9.63E-16	-2.6925E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00097	0.001016
0.07795	0.000462744	0	9.63E-16	-2.6925E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00129	-0.00028
0.078	0.000463084	0	9.63E-16	-2.6924E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00116	0.000523
0.07805	0.000463424	0	9.629E-16	-2.6924E-16	-9.6E-16	2.69E-16	0.006804	0	0.000137	0.000307
0.0781	0.000463765	0	9.629E-16	-2.6924E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00171	0.000636
0.07815	0.000464105	0	9.629E-16	-2.6924E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00125	-0.00018
0.0782	0.000464445	0	9.629E-16	-2.6924E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00034	0.000341
0.07825	0.000464785	0	9.629E-16	-2.6923E-16	-9.6E-16	2.69E-16	0.006804	0	-0.0005	0.001373
0.0783	0.000465125	0	9.629E-16	-2.6923E-16	-9.6E-16	2.69E-16	0.006804	0	-0.0013	-0.00087
0.07835	0.000465466	0	9.629E-16	-2.6923E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00123	0.001011
0.0784	0.000465806	0	9.629E-16	-2.6922E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00038	-0.00025
0.07845	0.000466146	0	9.628E-16	-2.6922E-16	-9.6E-16	2.69E-16	0.006804	0	-0.00192	0.001375

0.0785	0.000466486	0	9.628E-16	-2.6922E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00116	-0.00101
0.07855	0.000466826	0	9.628E-16	-2.6922E-16	-9.6E-16	2.69E-16	0.006803	0	0.000416	0.001553
0.0786	0.000467166	0	9.628E-16	-2.6921E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00036	5.75E-06
0.07865	0.000467507	0	9.628E-16	-2.6921E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00122	0.000783
0.0787	0.000467847	0	9.628E-16	-2.692E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00191	8.01E-05
0.07875	0.000468187	0	9.628E-16	-2.692E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00043	0.000867
0.0788	0.000468527	0	9.627E-16	-2.692E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00124	-0.00037
0.07885	0.000468867	0	9.627E-16	-2.692E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00069	0.001161
0.0789	0.000469207	0	9.627E-16	-2.6919E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00073	-0.00062
0.07895	0.000469548	0	9.627E-16	-2.6919E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00181	0.001134
0.079	0.000469888	0	9.627E-16	-2.6919E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00038	-0.00138
0.07905	0.000470228	0	9.627E-16	-2.6919E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00108	0.002751
0.0791	0.000470568	0	9.627E-16	-2.6919E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00077	-0.00181
0.07915	0.000470908	0	9.627E-16	-2.6918E-16	-9.6E-16	2.69E-16	0.006803	0	0.00017	0.002161
0.0792	0.000471248	0	9.626E-16	-2.6918E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00171	-0.00102
0.07925	0.000471588	0	9.626E-16	-2.6918E-16	-9.6E-16	2.69E-16	0.006803	0	-0.00176	0.000835
0.0793	0.000471929	0	9.643E-16	-2.6631E-16	-9.6E-16	2.69E-16	0.006803	0	0.181733	0.614152
0.07935	0.000472269	0	9.643E-16	-2.6631E-16	-9.7E-16	2.65E-16	0.006812	0	-0.00361	-0.3671
0.0794	0.00047261	0	9.643E-16	-2.6631E-16	-9.7E-16	2.67E-16	0.006812	0	-0.09146	0.219654
0.07945	0.00047295	0	9.643E-16	-2.6631E-16	-9.6E-16	2.66E-16	0.006807	0	0.001339	-0.13157
0.0795	0.00047329	0	9.643E-16	-2.663E-16	-9.6E-16	2.67E-16	0.006807	0	0.044915	0.080221
0.07955	0.000473631	0	9.643E-16	-2.663E-16	-9.6E-16	2.66E-16	0.006809	0	-0.00347	-0.0485
0.0796	0.000473971	0	9.642E-16	-2.663E-16	-9.6E-16	2.66E-16	0.006809	0	-0.02401	0.029041
0.07965	0.000474312	0	9.642E-16	-2.6631E-16	-9.6E-16	2.66E-16	0.006808	0	0.001112	-0.01821
0.0797	0.000474652	0	9.642E-16	-2.663E-16	-9.6E-16	2.66E-16	0.006808	0	0.010533	0.012656
0.07975	0.000474993	0	9.642E-16	-2.663E-16	-9.6E-16	2.66E-16	0.006809	0	-0.0018	-0.00753
0.0798	0.000475333	0	9.642E-16	-2.6629E-16	-9.6E-16	2.66E-16	0.006809	0	-0.00702	0.005964
0.07985	0.000475673	0	9.637E-16	-2.6586E-16	-9.6E-16	2.66E-16	0.006808	0	-0.05276	0.089304
0.0799	0.000476014	0	9.637E-16	-2.6586E-16	-9.6E-16	2.66E-16	0.006806	0	0.003729	-0.05343
0.07995	0.000476354	0	9.637E-16	-2.6586E-16	-9.6E-16	2.66E-16	0.006806	0	0.024104	0.032574
0.08	0.000476694	0	9.636E-16	-2.6585E-16	-9.6E-16	2.66E-16	0.006807	0	-0.0032	-0.01846
0.08005	0.000477035	0	9.636E-16	-2.6585E-16	-9.6E-16	2.66E-16	0.006807	0	-0.0132	0.011267
0.0801	0.000477375	0	9.634E-16	-2.6579E-16	-9.6E-16	2.66E-16	0.006806	0	-0.02124	0.006367

0.08015	0.000477715	0	9.634E-16	-2.658E-16	-9.6E-16	2.66E-16	0.006805	0	0.007139	-0.00639
0.0802	0.000478056	0	9.634E-16	-2.658E-16	-9.6E-16	2.66E-16	0.006805	0	0.009275	0.004139
0.08025	0.000478396	0	9.634E-16	-2.658E-16	-9.6E-16	2.66E-16	0.006806	0	-0.00488	-0.00214
0.0803	0.000478736	0	9.634E-16	-2.6579E-16	-9.6E-16	2.66E-16	0.006806	0	-0.00616	0.002255
0.08035	0.000479076	0	9.634E-16	-2.6579E-16	-9.6E-16	2.66E-16	0.006805	0	0.001447	-0.00087
0.0804	0.000479417	0	9.634E-16	-2.6579E-16	-9.6E-16	2.66E-16	0.006805	0	0.001578	0.00151
0.08045	0.000479757	0	9.634E-16	-2.6579E-16	-9.6E-16	2.66E-16	0.006805	0	-0.00175	-0.00088
0.0805	0.000480097	0	9.633E-16	-2.658E-16	-9.6E-16	2.66E-16	0.006805	0	-0.00579	-0.0012
0.08055	0.000480437	0	8.621E-16	-2.8527E-16	-9.6E-16	2.66E-16	0.006805	0	-10.8548	-4.17867
0.0806	0.000480751	0	8.621E-16	-2.8527E-16	-8.2E-16	2.98E-16	0.006262	0	-0.45247	2.683102
0.08065	0.000481063	0	8.621E-16	-2.8528E-16	-8.1E-16	2.77E-16	0.00624	0	5.379003	-1.76832
0.0807	0.000481388	0	8.621E-16	-2.8528E-16	-8.8E-16	2.91E-16	0.006509	0	0.641212	1.146905
0.08075	0.000481715	0	8.621E-16	-2.8528E-16	-8.9E-16	2.82E-16	0.006541	0	-2.66227	-0.75252
0.0808	0.000482035	0	8.621E-16	-2.8528E-16	-8.5E-16	2.88E-16	0.006408	0	-0.46939	0.4893
0.08085	0.000482355	0	8.621E-16	-2.8528E-16	-8.5E-16	2.84E-16	0.006384	0	1.29609	-0.31909
0.0809	0.000482677	0	8.62E-16	-2.8528E-16	-8.7E-16	2.86E-16	0.006449	0	0.321741	0.207725
0.08095	0.000483	0	8.62E-16	-2.8529E-16	-8.7E-16	2.85E-16	0.006465	0	-0.6308	-0.13713
0.081	0.000483322	0	8.62E-16	-2.8529E-16	-8.6E-16	2.86E-16	0.006433	0	-0.20146	0.089764
0.08105	0.000483643	0	8.62E-16	-2.8529E-16	-8.6E-16	2.85E-16	0.006423	0	0.302278	-0.059
0.0811	0.000483965	0	8.62E-16	-2.8529E-16	-8.6E-16	2.85E-16	0.006439	0	0.118501	0.037709
0.08115	0.000484287	0	8.62E-16	-2.8529E-16	-8.6E-16	2.85E-16	0.006444	0	-0.14491	-0.02448
0.0812	0.000484609	0	8.619E-16	-2.8523E-16	-8.6E-16	2.85E-16	0.006437	0	-0.07509	0.028903
0.08125	0.000484931	0	8.619E-16	-2.8523E-16	-8.6E-16	2.85E-16	0.006433	0	0.066274	-0.01913
0.0813	0.000485253	0	8.619E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006437	0	0.039021	0.011484
0.08135	0.000485575	0	8.619E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006439	0	-0.03186	-0.00768
0.0814	0.000485896	0	8.619E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006437	0	-0.02317	0.005245
0.08145	0.000486218	0	8.619E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006436	0	0.014663	-0.00394
0.0815	0.00048654	0	8.618E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006437	0	0.010654	0.001902
0.08155	0.000486862	0	8.618E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006437	0	-0.00741	-0.00139
0.0816	0.000487184	0	8.618E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006437	0	-0.00788	0.000448
0.08165	0.000487506	0	8.618E-16	-2.8524E-16	-8.6E-16	2.85E-16	0.006436	0	0.001878	0.000267
0.0817	0.000487827	0	8.618E-16	-2.8525E-16	-8.6E-16	2.85E-16	0.006437	0	0.002998	-0.00091
0.08175	0.000488149	0	7.03E-16	-5.095E-16	-8.6E-16	2.85E-16	0.006437	0	-17.0357	-48.1224

0.0818	0.000488429	0	7.03E-16	-5.095E-16	-6.5E-16	7.76E-16	0.005585	0	-2.70318	57.26378
0.08185	0.000488701	0	7.03E-16	-5.095E-16	-6.2E-16	2.19E-16	0.00545	0	7.791766	-62.3006
0.0819	0.000488993	0	7.03E-16	-5.0951E-16	-7.1E-16	8.42E-16	0.005839	0	3.221283	71.28166
0.08195	0.000489293	0	7.03E-16	-5.095E-16	-7.5E-16	1.63E-16	0.006	0	-3.32086	-74.4142
0.082	0.000489585	0	7.03E-16	-5.0951E-16	-7.1E-16	8.84E-16	0.005834	0	-2.20854	80.28519
0.08205	0.000489871	0	7.03E-16	-5.0951E-16	-6.8E-16	1.3E-16	0.005724	0	1.197075	-81.3607
0.0821	0.00049016	0	7.029E-16	-5.0951E-16	-7E-16	8.98E-16	0.005784	0	1.360727	83.42667
0.08215	0.000490453	0	7.029E-16	-5.0951E-16	-7.1E-16	1.2E-16	0.005852	0	-0.32625	-83.6217
0.0822	0.000490744	0	7.029E-16	-5.0951E-16	-7.1E-16	9.01E-16	0.005836	0	-0.74447	83.99832
0.08225	0.000491034	0	7.029E-16	-5.0951E-16	-7E-16	1.18E-16	0.005798	0	0.011763	-84.0243
0.0823	0.000491324	0	7.029E-16	-5.0952E-16	-7E-16	9.01E-16	0.005799	0	0.372575	84.07419
0.08235	0.000491615	0	7.029E-16	-5.0952E-16	-7E-16	1.18E-16	0.005818	0	0.069193	-84.0787
0.0824	0.000491906	0	7.029E-16	-5.0952E-16	-7E-16	9.01E-16	0.005821	0	-0.17347	84.08618
0.08245	0.000492197	0	7.029E-16	-5.0952E-16	-7E-16	1.18E-16	0.005812	0	-0.07114	-84.0873
0.0825	0.000492487	0	7.029E-16	-5.0952E-16	-7E-16	9.01E-16	0.005809	0	0.071145	84.08943
0.08255	0.000492778	0	7.028E-16	-5.0953E-16	-7E-16	1.18E-16	0.005812	0	0.04907	-84.0909
0.0826	0.000493069	0	7.028E-16	-5.0953E-16	-7E-16	9.01E-16	0.005815	0	-0.02718	84.09256
0.08265	0.000493359	0	7.028E-16	-5.0953E-16	-7E-16	1.18E-16	0.005813	0	-0.03015	-84.0929
0.0827	0.00049365	0	7.028E-16	-5.0953E-16	-7E-16	9.01E-16	0.005812	0	0.005954	84.09259
0.08275	0.000493941	0	7.028E-16	-5.0954E-16	-7E-16	1.18E-16	0.005812	0	0.014477	-84.094
0.0828	0.000494231	0	7.028E-16	-5.0954E-16	-7E-16	9.01E-16	0.005813	0	-0.00102	84.09531
0.08285	0.000494522	0	7.028E-16	-5.0954E-16	-7E-16	1.18E-16	0.005813	0	-0.00847	-84.0962
0.0829	0.000494812	0	7.028E-16	-5.0954E-16	-7E-16	9.01E-16	0.005812	0	-0.00237	84.09843
0.08295	0.000495103	0	7.027E-16	-5.0954E-16	-7E-16	1.18E-16	0.005812	0	0.002046	-84.0983
0.083	0.000495394	0	7.027E-16	-5.0955E-16	-7E-16	9.01E-16	0.005812	0	0.000879	84.09599
0.08305	0.000495684	0	8.615E-16	-2.8527E-16	-7E-16	1.18E-16	0.005812	0	17.03225	-35.9698
0.0831	0.000496018	0	7.027E-16	-5.0955E-16	-9.2E-16	3.63E-16	0.006664	0	-15.2023	-31.4757
0.08315	0.000496313	0	7.027E-16	-5.0955E-16	-7.3E-16	6.88E-16	0.005904	0	-9.99915	38.26143
0.0832	0.000496583	0	8.615E-16	-2.8527E-16	-6.1E-16	3.06E-16	0.005404	0	22.25416	4.514951
0.08325	0.000496909	0	8.615E-16	-2.8527E-16	-8.8E-16	2.71E-16	0.006517	0	8.775809	-2.99172
0.0833	0.000497257	0	7.027E-16	-5.0956E-16	-1E-15	2.94E-16	0.006956	0	-28.1934	-46.1988
0.08335	0.000497534	0	7.027E-16	-5.0956E-16	-6.4E-16	7.67E-16	0.005546	0	-7.34847	55.18279
0.0834	0.000497793	0	7.026E-16	-5.0957E-16	-5.6E-16	2.28E-16	0.005178	0	11.86742	-60.3835

0.08345	0.000498081	0	7.026E-16	-5.0958E-16	-6.9E-16	8.34E-16	0.005772	0	6.972562	69.57545
0.0835	0.000498387	0	7.026E-16	-5.0958E-16	-7.8E-16	1.69E-16	0.00612	0	-4.72914	-73.0321
0.08355	0.000498682	0	7.026E-16	-5.0958E-16	-7.2E-16	8.8E-16	0.005884	0	-4.24542	79.47647
0.0836	0.000498965	0	7.026E-16	-5.0958E-16	-6.7E-16	1.33E-16	0.005672	0	1.469916	-80.774
0.08365	0.000499252	0	7.026E-16	-5.0959E-16	-6.9E-16	8.98E-16	0.005745	0	2.453778	83.2606
0.0837	0.000499546	0	8.614E-16	-2.853E-16	-7.2E-16	1.2E-16	0.005868	0	16.79943	-35.3841
0.08375	0.000499881	0	8.613E-16	-2.853E-16	-9.4E-16	3.63E-16	0.006708	0	0.395433	16.58759
0.0838	0.000500218	0	7.026E-16	-5.0959E-16	-9.4E-16	2.33E-16	0.006728	0	-25.4358	-59.3863
0.08385	0.00050049	0	8.613E-16	-2.853E-16	-6.2E-16	8.3E-16	0.005456	0	13.26313	116.7894
0.0839	0.000500796	0	8.613E-16	-2.853E-16	-7.8E-16	4.71E-18	0.006119	0	15.48074	-60.2139
0.08395	0.000501141	0	8.613E-16	-2.853E-16	-9.9E-16	2.53E-16	0.006893	0	-5.88996	-6.97054
0.084	0.000501471	0	7.025E-16	-5.096E-16	-9.1E-16	3.06E-16	0.006599	0	-24.7446	-43.7123
0.08405	0.000501739	0	8.613E-16	-2.8531E-16	-6E-16	7.54E-16	0.005361	0	15.88627	100.5648
0.0841	0.000502047	0	7.025E-16	-5.0961E-16	-7.9E-16	2.05E-17	0.006156	0	-1.25037	-104.963
0.08415	0.000502351	0	7.025E-16	-5.0961E-16	-7.7E-16	8.1E-16	0.006093	0	-8.11106	64.46634
0.0842	0.000502636	0	8.612E-16	-2.8532E-16	-6.7E-16	1.89E-16	0.005688	0	16.15494	-20.5963
0.08425	0.000502961	0	7.025E-16	-5.0961E-16	-8.8E-16	3.41E-16	0.006495	0	-10.711	-36.2572
0.0843	0.000503259	0	8.612E-16	-2.8533E-16	-7.4E-16	7.14E-16	0.00596	0	7.77673	92.0369
0.08435	0.000503576	0	8.612E-16	-2.8532E-16	-8.4E-16	3.29E-17	0.006349	0	6.337757	-54.1653
0.0844	0.000503909	0	7.024E-16	-5.0962E-16	-9.2E-16	3.27E-16	0.006665	0	-20.6228	-39.1457
0.08445	0.000504191	0	7.024E-16	-5.0962E-16	-6.6E-16	7.3E-16	0.005634	0	-5.79756	47.25592
0.0845	0.000504458	0	7.024E-16	-5.0962E-16	-5.9E-16	2.64E-16	0.005344	0	8.715486	-52.7707
0.08455	0.000504747	0	8.612E-16	-2.8531E-16	-6.9E-16	7.99E-16	0.00578	0	22.18765	110.3105
0.0846	0.000505092	0	8.611E-16	-2.8531E-16	-9.9E-16	9.72E-18	0.00689	0	-2.44707	-59.1394
0.08465	0.00050543	0	8.611E-16	-2.8531E-16	-9.5E-16	2.76E-16	0.006767	0	-11.0359	-2.06371
0.0847	0.000505741	0	8.611E-16	-2.853E-16	-8E-16	2.92E-16	0.006215	0	0.656707	1.338789
0.08475	0.000506053	0	8.611E-16	-2.8531E-16	-8.1E-16	2.81E-16	0.006248	0	5.588551	-0.88051
0.0848	0.00050638	0	8.611E-16	-2.8531E-16	-8.9E-16	2.88E-16	0.006528	0	0.085161	0.573842
0.08485	0.000506706	0	8.611E-16	-2.8531E-16	-8.9E-16	2.84E-16	0.006532	0	-2.79168	-0.37604
0.0849	0.000507026	0	7.023E-16	-5.0962E-16	-8.5E-16	2.86E-16	0.006392	0	-17.2405	-47.889
0.08495	0.000507302	0	8.611E-16	-2.8532E-16	-6.4E-16	7.75E-16	0.00553	0	15.50767	105.1626
0.085	0.000507618	0	7.023E-16	-5.0962E-16	-8.3E-16	1.49E-17	0.006306	0	-5.63706	-106.155
0.08505	0.000507919	0	7.023E-16	-5.0962E-16	-7.5E-16	7.88E-16	0.006024	0	-8.45453	59.74399

0.0851	0.000508199	0	7.023E-16	-5.0962E-16	-6.5E-16	2.09E-16	0.005601	0	1.10241	-64.5664
0.08515	0.000508482	0	7.022E-16	-5.0962E-16	-6.7E-16	8.51E-16	0.005656	0	4.494905	73.2519
0.0852	0.000508776	0	7.022E-16	-5.0963E-16	-7.2E-16	1.55E-16	0.005881	0	0.403574	-76.0079
0.08525	0.000509071	0	7.022E-16	-5.0963E-16	-7.2E-16	8.88E-16	0.005901	0	-2.17434	81.20464
0.0853	0.00050936	0	7.022E-16	-5.0963E-16	-7E-16	1.27E-16	0.005792	0	-0.62641	-82.047
0.08535	0.000509648	0	7.337E-16	-4.0243E-16	-6.9E-16	9E-16	0.005761	0	4.334652	106.6735
0.0854	0.000509947	0	7.337E-16	-4.0244E-16	-7.4E-16	3.21E-17	0.005978	0	1.135133	-79.4694
0.08545	0.000510249	0	7.337E-16	-4.0244E-16	-7.6E-16	5.66E-16	0.006035	0	-1.98829	35.07675
0.0855	0.000510546	0	7.337E-16	-4.0244E-16	-7.3E-16	2.49E-16	0.005935	0	-0.89497	-32.8606
0.08555	0.00051084	0	8.889E-16	-1.7714E-16	-7.2E-16	5.42E-16	0.00589	0	17.48306	78.31905
0.0856	0.000511179	0	7.337E-16	-4.0245E-16	-9.5E-16	2.94E-17	0.006765	0	-14.6709	-80.05
0.08565	0.00051148	0	7.336E-16	-4.0245E-16	-7.6E-16	5.61E-16	0.006031	0	-9.80059	33.94599
0.0857	0.000511757	0	7.336E-16	-4.0246E-16	-6.4E-16	2.54E-16	0.005541	0	5.290155	-31.8614
0.08575	0.000512048	0	7.336E-16	-4.0247E-16	-7E-16	5.38E-16	0.005806	0	6.135655	29.16104
0.0858	0.000512353	0	7.336E-16	-4.0247E-16	-7.8E-16	2.74E-16	0.006112	0	-1.60254	-27.5697
0.08585	0.000512655	0	7.336E-16	-4.0247E-16	-7.6E-16	5.22E-16	0.006032	0	-3.30061	25.57353
0.0859	0.000512948	0	7.336E-16	-4.0248E-16	-7.2E-16	2.89E-16	0.005867	0	0.231349	-24.2941
0.08595	0.000513242	0	7.336E-16	-4.0248E-16	-7.2E-16	5.08E-16	0.005879	0	1.692843	22.73054
0.086	0.00051354	0	7.336E-16	-4.0249E-16	-7.4E-16	3.02E-16	0.005963	0	0.185584	-21.6669
0.08605	0.000513839	0	7.336E-16	-4.0249E-16	-7.4E-16	4.98E-16	0.005973	0	-0.81569	20.39376
0.0861	0.000514135	0	7.335E-16	-4.025E-16	-7.3E-16	3.12E-16	0.005932	0	-0.23433	-19.487
0.08615	0.000514431	0	7.335E-16	-4.025E-16	-7.3E-16	4.88E-16	0.00592	0	0.364195	18.42095
0.0862	0.000514728	0	7.335E-16	-4.025E-16	-7.3E-16	3.2E-16	0.005938	0	0.18084	-17.6329
0.08625	0.000515026	0	7.335E-16	-4.025E-16	-7.4E-16	4.8E-16	0.005947	0	-0.15187	16.7233
0.0863	0.000515323	0	7.335E-16	-4.0251E-16	-7.3E-16	3.28E-16	0.00594	0	-0.118	-16.0325
0.08635	0.000515619	0	7.335E-16	-4.0252E-16	-7.3E-16	4.74E-16	0.005934	0	0.054402	15.24418
0.0864	0.000515916	0	7.335E-16	-4.0252E-16	-7.3E-16	3.34E-16	0.005937	0	0.067487	-14.6295
0.08645	0.000516213	0	7.335E-16	-4.0253E-16	-7.3E-16	4.67E-16	0.00594	0	-0.01677	13.93673
0.0865	0.00051651	0	7.333E-16	-4.0301E-16	-7.3E-16	3.4E-16	0.005939	0	-0.05525	-13.4912
0.08655	0.000516807	0	7.333E-16	-4.0301E-16	-7.3E-16	4.63E-16	0.005936	0	-0.00311	12.89134
0.0866	0.000517104	0	7.333E-16	-4.0302E-16	-7.3E-16	3.45E-16	0.005936	0	0.026809	-12.405
0.08665	0.000517401	0	7.333E-16	-4.0302E-16	-7.3E-16	4.58E-16	0.005938	0	0.004442	11.86766
0.0867	0.000517698	0	7.333E-16	-4.0303E-16	-7.3E-16	3.5E-16	0.005938	0	-0.01327	-11.4274

0.08675	0.000517994	0	7.332E-16	-4.0303E-16	-7.3E-16	4.54E-16	0.005937	0	-0.00624	10.94583
0.0868	0.000518291	0	7.332E-16	-4.0304E-16	-7.3E-16	3.54E-16	0.005937	0	0.004061	-10.5449
0.08685	0.000518588	0	8.884E-16	-1.7771E-16	-7.3E-16	4.5E-16	0.005937	0	16.65424	58.46311
0.0869	0.000518927	0	8.884E-16	-1.7772E-16	-9.5E-16	6.22E-17	0.00677	0	1.362805	-24.7956
0.08695	0.000519269	0	8.884E-16	-1.7772E-16	-9.7E-16	1.83E-16	0.006838	0	-8.35331	1.199464
0.087	0.00051959	0	8.884E-16	-1.7773E-16	-8.6E-16	1.76E-16	0.00642	0	-0.85418	-0.37476
0.08705	0.000519908	0	8.884E-16	-1.7773E-16	-8.5E-16	1.78E-16	0.006378	0	4.113194	0.111706
0.0871	0.000520238	0	8.883E-16	-1.7774E-16	-9E-16	1.78E-16	0.006583	0	0.64704	-0.03467
0.08715	0.000520568	0	8.883E-16	-1.7774E-16	-9.1E-16	1.78E-16	0.006616	0	-2.03994	0.009827
0.0872	0.000520894	0	8.883E-16	-1.7775E-16	-8.8E-16	1.78E-16	0.006514	0	-0.3962	-0.00424
0.08725	0.000521219	0	8.883E-16	-1.7775E-16	-8.8E-16	1.78E-16	0.006494	0	0.999178	-5.7E-05
0.0873	0.000521546	0	8.883E-16	-1.7775E-16	-8.9E-16	1.78E-16	0.006544	0	0.241816	-0.00032
0.08735	0.000521874	0	8.899E-16	-1.7701E-16	-8.9E-16	1.78E-16	0.006556	0	-0.31849	0.160244
0.0874	0.000522201	0	8.899E-16	-1.7701E-16	-8.9E-16	1.77E-16	0.00654	0	-0.13476	-0.05
0.08745	0.000522527	0	8.899E-16	-1.7702E-16	-8.9E-16	1.77E-16	0.006533	0	0.152409	0.013164
0.0875	0.000522854	0	8.899E-16	-1.7702E-16	-8.9E-16	1.77E-16	0.006541	0	0.072061	-0.00342
0.08755	0.000523182	0	8.898E-16	-1.7703E-16	-8.9E-16	1.77E-16	0.006544	0	-0.07433	-0.00056
0.0876	0.000523509	0	8.898E-16	-1.7703E-16	-8.9E-16	1.77E-16	0.006541	0	-0.04052	-0.0003
0.08765	0.000523836	0	8.898E-16	-1.7703E-16	-8.9E-16	1.77E-16	0.006539	0	0.033736	-0.00068
0.0877	0.000524163	0	8.898E-16	-1.7704E-16	-8.9E-16	1.77E-16	0.00654	0	0.020675	-0.00147
0.08775	0.00052449	0	8.898E-16	-1.7704E-16	-8.9E-16	1.77E-16	0.006541	0	-0.01661	-2.9E-06
0.0878	0.000524817	0	8.898E-16	-1.7705E-16	-8.9E-16	1.77E-16	0.006541	0	-0.01306	-0.00142
0.08785	0.000525144	0	8.898E-16	-1.7705E-16	-8.9E-16	1.77E-16	0.00654	0	0.006514	1.14E-05
0.0879	0.000525471	0	8.898E-16	-1.7706E-16	-8.9E-16	1.77E-16	0.00654	0	0.00572	-0.00086
0.08795	0.000525798	0	9.119E-16	-3.3792E-16	-8.9E-16	1.77E-16	0.00654	0	2.375323	-34.5194
0.088	0.000526131	0	9.119E-16	-3.3792E-16	-9.2E-16	4.49E-16	0.006659	0	0.060008	23.73133
0.08805	0.000526464	0	9.119E-16	-3.3792E-16	-9.2E-16	2.49E-16	0.006662	0	-1.18832	-19.1717
0.0881	0.000526794	0	9.119E-16	-3.3793E-16	-9.1E-16	4.06E-16	0.006603	0	-0.05465	14.51044
0.08815	0.000527124	0	9.119E-16	-3.3794E-16	-9.1E-16	2.83E-16	0.0066	0	0.591638	-11.7404
0.0882	0.000527455	0	9.119E-16	-3.3794E-16	-9.1E-16	3.81E-16	0.00663	0	0.039574	9.135202
0.08825	0.000527787	0	9.119E-16	-3.3794E-16	-9.1E-16	3.04E-16	0.006632	0	-0.29572	-7.3752
0.0883	0.000528118	0	9.119E-16	-3.3795E-16	-9.1E-16	3.65E-16	0.006617	0	-0.02645	5.806909
0.08835	0.000528449	0	9.118E-16	-3.3795E-16	-9.1E-16	3.16E-16	0.006616	0	0.144608	-4.67545

0.0884	0.00052878	0	9.118E-16	-3.3795E-16	-9.1E-16	3.55E-16	0.006623	0	0.01556	3.704805
0.08845	0.000529111	0	9.118E-16	-3.3797E-16	-9.1E-16	3.24E-16	0.006624	0	-0.07314	-2.97836
0.0885	0.000529442	0	9.118E-16	-3.3797E-16	-9.1E-16	3.49E-16	0.00662	0	-0.01078	2.36775
0.08855	0.000529773	0	9.118E-16	-3.3797E-16	-9.1E-16	3.29E-16	0.006619	0	0.035363	-1.89952
0.0886	0.000530104	0	9.118E-16	-3.3797E-16	-9.1E-16	3.45E-16	0.006621	0	0.005013	1.513097
0.08865	0.000530435	0	9.118E-16	-3.3798E-16	-9.1E-16	3.32E-16	0.006621	0	-0.01846	-1.21386
0.0887	0.000530766	0	9.118E-16	-3.3795E-16	-9.1E-16	3.42E-16	0.00662	0	-0.00465	0.975868
0.08875	0.000531097	0	9.117E-16	-3.3795E-16	-9.1E-16	3.34E-16	0.00662	0	0.006961	-0.78085
0.0888	0.000531428	0	9.117E-16	-3.3795E-16	-9.1E-16	3.41E-16	0.006621	0	0.002192	0.621789
0.08885	0.000531759	0	9.117E-16	-3.3796E-16	-9.1E-16	3.36E-16	0.006621	0	-0.00478	-0.49819
0.0889	0.00053209	0	9.117E-16	-3.3796E-16	-9.1E-16	3.4E-16	0.00662	0	-0.00299	0.397225
0.08895	0.000532421	0	9.117E-16	-3.3797E-16	-9.1E-16	3.36E-16	0.00662	0	3.4E-05	-0.32116
0.089	0.000532752	0	9.117E-16	-3.3798E-16	-9.1E-16	3.39E-16	0.00662	0	-2.4E-05	0.255221
0.08905	0.000533083	0	9.117E-16	-3.3799E-16	-9.1E-16	3.37E-16	0.00662	0	-0.00065	-0.20549
0.0891	0.000533414	0	9.116E-16	-3.3799E-16	-9.1E-16	3.39E-16	0.00662	0	-0.00148	0.16386
0.08915	0.000533745	0	9.116E-16	-3.38E-16	-9.1E-16	3.37E-16	0.00662	0	-0.00082	-0.1324
0.0892	0.000534076	0	9.116E-16	-3.3797E-16	-9.1E-16	3.38E-16	0.00662	0	0.001317	0.111568
0.08925	0.000534407	0	9.116E-16	-3.3797E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00066	-0.08937
0.0893	0.000534738	0	9.116E-16	-3.3798E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00205	0.06991
0.08935	0.000535069	0	9.116E-16	-3.3798E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00108	-0.05621
0.0894	0.0005354	0	9.116E-16	-3.3798E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0004	0.04371
0.08945	0.000535731	0	9.116E-16	-3.3799E-16	-9.1E-16	3.38E-16	0.00662	0	-8.3E-05	-0.03688
0.0895	0.000536062	0	9.116E-16	-3.3799E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00168	0.029627
0.08955	0.000536393	0	9.116E-16	-3.38E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00051	-0.02481
0.0896	0.000536724	0	9.116E-16	-3.3801E-16	-9.1E-16	3.38E-16	0.00662	0	0.000347	0.016137
0.08965	0.000537055	0	9.115E-16	-3.3802E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0015	-0.01395
0.0897	0.000537386	0	9.117E-16	-3.3777E-16	-9.1E-16	3.38E-16	0.00662	0	0.013333	0.064754
0.08975	0.000537717	0	9.117E-16	-3.3777E-16	-9.1E-16	3.38E-16	0.00662	0	-2.4E-05	-0.05147
0.0898	0.000538048	0	9.117E-16	-3.3782E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00183	0.029291
0.08985	0.000538379	0	9.117E-16	-3.3783E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00082	-0.02512
0.0899	0.00053871	0	9.117E-16	-3.3783E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00099	0.01979
0.08995	0.000539041	0	9.117E-16	-3.3784E-16	-9.1E-16	3.38E-16	0.00662	0	0.000415	-0.01796
0.09	0.000539372	0	9.117E-16	-3.3784E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00152	0.014812

0.09005	0.000539703	0	9.116E-16	-3.3785E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00163	-0.01293
0.0901	0.000540034	0	9.116E-16	-3.3786E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00015	0.008233
0.09015	0.000540365	0	9.116E-16	-3.3787E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00104	-0.00899
0.0902	0.000540696	0	9.116E-16	-3.3787E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00102	0.006846
0.09025	0.000541027	0	9.116E-16	-3.3788E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0013	-0.00726
0.0903	0.000541358	0	9.116E-16	-3.3788E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00082	0.004585
0.09035	0.000541689	0	9.116E-16	-3.3789E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00185	-0.00444
0.0904	0.00054202	0	9.116E-16	-3.3789E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00056	0.003295
0.09045	0.000542351	0	9.115E-16	-3.3789E-16	-9.1E-16	3.38E-16	0.00662	0	0.000532	-0.00407
0.0905	0.000542682	0	9.115E-16	-3.379E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00152	0.001856
0.09055	0.000543013	0	9.115E-16	-3.3791E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0016	-0.00262
0.0906	0.000543344	0	9.115E-16	-3.379E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00023	0.002374
0.09065	0.000543675	0	9.115E-16	-3.3791E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0002	-0.004
0.0907	0.000544006	0	9.115E-16	-3.3792E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00163	0.002375
0.09075	0.000544337	0	9.115E-16	-3.3792E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00084	-0.0014
0.0908	0.000544668	0	9.115E-16	-3.3792E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00055	-0.00052
0.09085	0.000544999	0	9.115E-16	-3.3793E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00089	-0.00139
0.0909	0.00054533	0	9.114E-16	-3.3793E-16	-9.1E-16	3.38E-16	0.006619	0	-0.0011	0.001045
0.09095	0.000545661	0	9.114E-16	-3.3794E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00158	-0.00246
0.091	0.000545992	0	9.114E-16	-3.3794E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00096	0.001329
0.09105	0.000546323	0	9.114E-16	-3.3795E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00042	-0.00257
0.0911	0.000546654	0	9.114E-16	-3.3795E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00058	0.001231
0.09115	0.000546985	0	9.114E-16	-3.3796E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00027	-0.00222
0.0912	0.000547316	0	9.114E-16	-3.3796E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00204	0.000918
0.09125	0.000547647	0	9.113E-16	-3.3797E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00138	-0.00114
0.0913	0.000547978	0	9.113E-16	-3.3797E-16	-9.1E-16	3.38E-16	0.006619	0	0.000557	-0.00049
0.09135	0.000548309	0	9.113E-16	-3.3798E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00095	-0.00043
0.0914	0.00054864	0	9.113E-16	-3.3798E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00236	-0.00135
0.09145	0.000548971	0	9.113E-16	-3.3799E-16	-9.1E-16	3.38E-16	0.006619	0	0.000326	0.000378
0.0915	0.000549302	0	9.113E-16	-3.3799E-16	-9.1E-16	3.38E-16	0.006619	0	0.000429	-0.0017
0.09155	0.000549633	0	9.113E-16	-3.38E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00269	0.000511
0.0916	0.000549964	0	9.113E-16	-3.38E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00107	-0.00139
0.09165	0.000550295	0	9.117E-16	-3.3822E-16	-9.1E-16	3.38E-16	0.006619	0	0.050711	-0.04548

0.0917	0.000550626	0	9.117E-16	-3.3822E-16	-9.1E-16	3.38E-16	0.006621	0	0.000575	0.035983
0.09175	0.000550957	0	9.117E-16	-3.3823E-16	-9.1E-16	3.38E-16	0.006621	0	-0.0277	-0.03065
0.0918	0.000551288	0	9.117E-16	-3.3824E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00201	0.022927
0.09185	0.000551619	0	9.117E-16	-3.3824E-16	-9.1E-16	3.38E-16	0.00662	0	0.012799	-0.01876
0.0919	0.00055195	0	9.117E-16	-3.3824E-16	-9.1E-16	3.38E-16	0.006621	0	-0.00019	0.014147
0.09195	0.000552281	0	9.117E-16	-3.3825E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00655	-0.01342
0.092	0.000552612	0	9.116E-16	-3.3825E-16	-9.1E-16	3.38E-16	0.00662	0	-0.002	0.010766
0.09205	0.000552943	0	9.116E-16	-3.3826E-16	-9.1E-16	3.38E-16	0.00662	0	0.002161	-0.00974
0.0921	0.000553274	0	9.116E-16	-3.3826E-16	-9.1E-16	3.38E-16	0.00662	0	-1E-05	0.006238
0.09215	0.000553605	0	9.116E-16	-3.3827E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00215	-0.00521
0.0922	0.000553936	0	9.116E-16	-3.3828E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00116	0.002079
0.09225	0.000554267	0	9.116E-16	-3.3828E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00025	-0.00258
0.0923	0.000554598	0	9.116E-16	-3.3828E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00071	0.00115
0.09235	0.000554929	0	9.116E-16	-3.3829E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00115	-0.00156
0.0924	0.00055526	0	9.116E-16	-3.3828E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0015	0.001888
0.09245	0.000555591	0	9.115E-16	-3.3829E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00083	-0.0028
0.0925	0.000555922	0	9.115E-16	-3.383E-16	-9.1E-16	3.38E-16	0.00662	0	2.64E-05	0.001126
0.09255	0.000556253	0	9.115E-16	-3.383E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00106	-0.00123
0.0926	0.000556584	0	9.115E-16	-3.3831E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00112	-0.00125
0.09265	0.000556915	0	9.115E-16	-3.3831E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00023	0.001198
0.0927	0.000557246	0	9.115E-16	-3.3831E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00105	-0.00275
0.09275	0.000557577	0	9.115E-16	-3.3831E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00167	0.002479
0.0928	0.000557908	0	9.115E-16	-3.3832E-16	-9.1E-16	3.38E-16	0.00662	0	-0.00054	-0.00345
0.09285	0.000558239	0	9.114E-16	-3.3832E-16	-9.1E-16	3.38E-16	0.00662	0	-0.0004	0.00215
0.0929	0.00055857	0	9.114E-16	-3.3833E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00184	-0.00258
0.09295	0.000558901	0	9.114E-16	-3.3833E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00058	0.000357
0.093	0.000559232	0	9.114E-16	-3.3834E-16	-9.1E-16	3.38E-16	0.006619	0	0.000501	-0.00131
0.09305	0.000559563	0	9.114E-16	-3.3834E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00168	2.41E-05
0.0931	0.000559893	0	9.114E-16	-3.3835E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00126	-0.00091
0.09315	0.000560224	0	9.114E-16	-3.3835E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00116	0.000354
0.0932	0.000560555	0	9.114E-16	-3.3836E-16	-9.1E-16	3.38E-16	0.006619	0	0.0001	-0.00199
0.09325	0.000560886	0	9.114E-16	-3.3837E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00133	-0.00015
0.0933	0.000561217	0	9.113E-16	-3.3837E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00106	-0.00013

0.09335	0.000561548	0	9.113E-16	-3.3837E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00128	-0.00044
0.0934	0.000561879	0	9.113E-16	-3.3838E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00227	-0.00102
0.09345	0.00056221	0	9.113E-16	-3.3754E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00196	0.179855
0.0935	0.000562541	0	9.113E-16	-3.3755E-16	-9.1E-16	3.37E-16	0.006619	0	-0.00022	-0.14485
0.09355	0.000562872	0	9.113E-16	-3.3755E-16	-9.1E-16	3.38E-16	0.006619	0	6.33E-05	0.11411
0.0936	0.000563203	0	9.112E-16	-3.3756E-16	-9.1E-16	3.37E-16	0.006619	0	-0.00178	-0.09222
0.09365	0.000563534	0	9.112E-16	-3.3756E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00053	0.072854
0.0937	0.000563865	0	9.112E-16	-3.3757E-16	-9.1E-16	3.37E-16	0.006619	0	-0.00113	-0.05862
0.09375	0.000564196	0	9.112E-16	-3.3757E-16	-9.1E-16	3.38E-16	0.006619	0	-0.00075	0.045261
0.0938	0.000564527	0	7.495E-16	-5.4523E-16	-9.1E-16	3.37E-16	0.006619	0	-17.3516	-44.5965
0.09385	0.000564814	0	7.495E-16	-5.4523E-16	-6.9E-16	8.14E-16	0.005751	0	-2.07773	57.77006
0.0939	0.000565097	0	7.495E-16	-5.4524E-16	-6.6E-16	2.36E-16	0.005647	0	8.201033	-66.345
0.09395	0.000565399	0	7.495E-16	-5.4524E-16	-7.6E-16	9.3E-16	0.006057	0	2.629267	82.53785
0.094	0.000565709	0	7.494E-16	-5.4525E-16	-8E-16	1.36E-16	0.006189	0	-3.75192	-87.771
0.09405	0.000566009	0	7.494E-16	-5.4526E-16	-7.5E-16	1E-15	0.006001	0	-1.84045	98.45875
0.0941	0.000566304	0	7.494E-16	-5.4526E-16	-7.3E-16	8.53E-17	0.005909	0	1.560986	-98.7076
0.09415	0.000566604	0	7.494E-16	-5.4526E-16	-7.5E-16	1.01E-15	0.005987	0	1.188119	99.23019
0.0942	0.000566906	0	7.494E-16	-5.4527E-16	-7.6E-16	8.31E-17	0.006046	0	-0.5947	-99.1793
0.09425	0.000567207	0	7.494E-16	-5.4527E-16	-7.5E-16	1.01E-15	0.006017	0	-0.68687	99.06987
0.0943	0.000567506	0	7.494E-16	-5.4527E-16	-7.4E-16	8.35E-17	0.005982	0	0.185922	-99.0822
0.09435	0.000567806	0	7.494E-16	-5.4529E-16	-7.5E-16	1.01E-15	0.005992	0	0.37255	99.10448
0.0944	0.000568106	0	7.493E-16	-5.4529E-16	-7.5E-16	8.35E-17	0.00601	0	-0.0347	-99.1049
0.09445	0.000568407	0	7.493E-16	-5.4529E-16	-7.5E-16	1.01E-15	0.006009	0	-0.19208	99.10532
0.0945	0.000568707	0	7.493E-16	-5.4529E-16	-7.5E-16	8.35E-17	0.005999	0	-0.0151	-99.1063
0.09455	0.000569006	0	7.493E-16	-5.453E-16	-7.5E-16	1.01E-15	0.005998	0	0.09278	99.10621
0.0946	0.000569307	0	7.493E-16	-5.4529E-16	-7.5E-16	8.35E-17	0.006003	0	0.020884	-99.1069
0.09465	0.000569607	0	7.493E-16	-5.453E-16	-7.5E-16	1.01E-15	0.006004	0	-0.04446	99.10792
0.0947	0.000569907	0	7.494E-16	-5.4525E-16	-7.5E-16	8.34E-17	0.006002	0	-0.00353	-99.0987
0.09475	0.000570207	0	7.494E-16	-5.4526E-16	-7.5E-16	1.01E-15	0.006001	0	0.020597	99.08896
0.0948	0.000570507	0	7.494E-16	-5.4526E-16	-7.5E-16	8.35E-17	0.006003	0	0.003261	-99.0913
0.09485	0.000570807	0	7.494E-16	-5.4529E-16	-7.5E-16	1.01E-15	0.006003	0	-0.00932	99.08951
0.0949	0.000571107	0	7.494E-16	-5.453E-16	-7.5E-16	8.35E-17	0.006002	0	-0.00354	-99.0983
0.09495	0.000571407	0	7.494E-16	-5.453E-16	-7.5E-16	1.01E-15	0.006002	0	0.002548	99.11464

0.095	0.000571708	0	7.494E-16	-5.4531E-16	-7.5E-16	8.34E-17	0.006002	0	0.000688	-99.1149
0.09505	0.000572008	0	7.494E-16	-5.4532E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00192	99.11117
0.0951	0.000572308	0	7.493E-16	-5.4532E-16	-7.5E-16	8.34E-17	0.006002	0	-0.00203	-99.1138
0.09515	0.000572608	0	7.493E-16	-5.4542E-16	-7.5E-16	1.01E-15	0.006002	0	0.000511	99.0977
0.0952	0.000572908	0	7.493E-16	-5.4543E-16	-7.5E-16	8.35E-17	0.006002	0	-0.00088	-99.1225
0.09525	0.000573208	0	7.495E-16	-5.4562E-16	-7.5E-16	1.01E-15	0.006002	0	0.021066	99.13054
0.0953	0.000573508	0	7.495E-16	-5.4563E-16	-7.5E-16	8.35E-17	0.006003	0	0.002944	-99.1727
0.09535	0.000573808	0	7.495E-16	-5.4563E-16	-7.5E-16	1.01E-15	0.006003	0	-0.01164	99.26007
0.0954	0.000574108	0	7.495E-16	-5.4564E-16	-7.5E-16	8.31E-17	0.006003	0	-0.00495	-99.2536
0.09545	0.000574409	0	7.495E-16	-5.4564E-16	-7.5E-16	1.01E-15	0.006002	0	0.003979	99.23803
0.0955	0.000574709	0	7.495E-16	-5.4565E-16	-7.5E-16	8.32E-17	0.006003	0	0.001699	-99.2411
0.09555	0.000575009	0	7.495E-16	-5.4564E-16	-7.5E-16	1.01E-15	0.006003	0	0.003105	99.24859
0.0956	0.000575309	0	7.495E-16	-5.4564E-16	-7.5E-16	8.31E-17	0.006003	0	-0.00184	-99.2465
0.09565	0.000575609	0	7.495E-16	-5.4565E-16	-7.5E-16	1.01E-15	0.006003	0	-0.0027	99.23936
0.0957	0.000575909	0	7.495E-16	-5.4565E-16	-7.5E-16	8.32E-17	0.006003	0	-0.00099	-99.242
0.09575	0.000576209	0	7.495E-16	-5.4565E-16	-7.5E-16	1.01E-15	0.006003	0	0.000404	99.24653
0.0958	0.00057651	0	7.495E-16	-5.4566E-16	-7.5E-16	8.32E-17	0.006003	0	-0.00089	-99.2486
0.09585	0.00057681	0	7.495E-16	-5.4567E-16	-7.5E-16	1.01E-15	0.006003	0	-0.00088	99.25038
0.0959	0.00057711	0	7.494E-16	-5.4567E-16	-7.5E-16	8.32E-17	0.006002	0	-0.00107	-99.2518
0.09595	0.00057741	0	7.494E-16	-5.4568E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00064	99.25249
0.096	0.00057771	0	7.494E-16	-5.4568E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00125	-99.2545
0.09605	0.00057801	0	7.494E-16	-5.4568E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00122	99.25823
0.0961	0.00057831	0	7.494E-16	-5.4569E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00056	-99.2605
0.09615	0.00057861	0	7.494E-16	-5.457E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00083	99.26181
0.0962	0.00057891	0	7.494E-16	-5.457E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00057	-99.2634
0.09625	0.000579211	0	7.494E-16	-5.457E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00143	99.26535
0.0963	0.000579511	0	7.494E-16	-5.4571E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00041	-99.2677
0.09635	0.000579811	0	7.493E-16	-5.4571E-16	-7.5E-16	1.01E-15	0.006002	0	-0.0002	99.27065
0.0964	0.000580111	0	7.493E-16	-5.4572E-16	-7.5E-16	8.31E-17	0.006002	0	-0.0017	-99.2721
0.09645	0.000580411	0	7.493E-16	-5.4573E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00107	99.27091
0.0965	0.000580711	0	7.493E-16	-5.4573E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00052	-99.2737
0.09655	0.000581011	0	7.493E-16	-5.4574E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00044	99.27779
0.0966	0.000581311	0	7.493E-16	-5.4574E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00121	-99.2801

0.09665	0.000581611	0	7.493E-16	-5.4575E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00091	99.28361
0.0967	0.000581911	0	7.493E-16	-5.4576E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00042	-99.2859
0.09675	0.000582212	0	7.493E-16	-5.4576E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00156	99.28799
0.0968	0.000582512	0	7.492E-16	-5.4576E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00135	-99.2894
0.09685	0.000582812	0	7.492E-16	-5.4577E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00017	99.28928
0.0969	0.000583112	0	7.492E-16	-5.4577E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00031	-99.2915
0.09695	0.000583412	0	7.492E-16	-5.4578E-16	-7.5E-16	1.01E-15	0.006002	0	-0.00133	99.29368
0.097	0.000583712	0	7.492E-16	-5.4579E-16	-7.5E-16	8.31E-17	0.006002	0	-0.00172	-99.2963
0.09705	0.000584012	0	7.492E-16	-5.458E-16	-7.5E-16	1.01E-15	0.006001	0	0.000698	99.29941
0.0971	0.000584312	0	7.492E-16	-5.458E-16	-7.5E-16	8.31E-17	0.006001	0	-0.00058	-99.3016
0.09715	0.000584612	0	7.492E-16	-5.4581E-16	-7.5E-16	1.01E-15	0.006001	0	-0.0016	99.30436
0.0972	0.000584912	0	7.492E-16	-5.4581E-16	-7.5E-16	8.3E-17	0.006001	0	-0.00058	-99.306
0.09725	0.000585212	0	7.492E-16	-5.4581E-16	-7.5E-16	1.01E-15	0.006001	0	-0.001	99.30762
0.0973	0.000585512	0	7.491E-16	-5.4582E-16	-7.5E-16	8.3E-17	0.006001	0	-0.00045	-99.3096
0.09735	0.000585812	0	7.491E-16	-5.4582E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00075	99.31143
0.0974	0.000586112	0	7.491E-16	-5.4582E-16	-7.5E-16	8.3E-17	0.006001	0	-0.00101	-99.312
0.09745	0.000586412	0	7.491E-16	-5.4583E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00143	99.31201
0.0975	0.000586713	0	7.492E-16	-5.4684E-16	-7.5E-16	8.3E-17	0.006001	0	0.006745	-99.5307
0.09755	0.000587013	0	7.492E-16	-5.4684E-16	-7.5E-16	1.01E-15	0.006001	0	0.001293	99.77446
0.0976	0.000587313	0	7.491E-16	-5.4685E-16	-7.5E-16	8.2E-17	0.006001	0	-0.00495	-99.7498
0.09765	0.000587613	0	7.491E-16	-5.4686E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00185	99.69492
0.0977	0.000587913	0	7.491E-16	-5.4687E-16	-7.5E-16	8.22E-17	0.006001	0	0.000268	-99.7043
0.09775	0.000588213	0	7.491E-16	-5.4687E-16	-7.5E-16	1.01E-15	0.006001	0	-0.0002	99.72118
0.0978	0.000588513	0	7.491E-16	-5.4688E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00105	-99.7216
0.09785	0.000588813	0	7.491E-16	-5.4688E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00139	99.72035
0.0979	0.000589113	0	7.491E-16	-5.4689E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00079	-99.7223
0.09795	0.000589413	0	7.491E-16	-5.4689E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00098	99.72513
0.098	0.000589713	0	7.491E-16	-5.4689E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00038	-99.7267
0.09805	0.000590013	0	7.49E-16	-5.469E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00165	99.72659
0.0981	0.000590313	0	7.49E-16	-5.4691E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00042	-99.7291
0.09815	0.000590613	0	7.49E-16	-5.4691E-16	-7.5E-16	1.01E-15	0.006001	0	0.000181	99.73244
0.0982	0.000590913	0	7.49E-16	-5.4692E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00155	-99.7346
0.09825	0.000591213	0	7.49E-16	-5.4688E-16	-7.5E-16	1.01E-15	0.006001	0	-0.0009	99.74474

0.0983	0.000591513	0	7.49E-16	-5.4689E-16	-7.5E-16	8.21E-17	0.006001	0	-0.00079	-99.7379
0.09835	0.000591813	0	7.49E-16	-5.4688E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00104	99.7235
0.0984	0.000592113	0	7.49E-16	-5.4689E-16	-7.5E-16	8.22E-17	0.006001	0	-6.3E-05	-99.7255
0.09845	0.000592413	0	7.49E-16	-5.469E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00117	99.72716
0.0985	0.000592713	0	7.49E-16	-5.4689E-16	-7.5E-16	8.22E-17	0.006001	0	0.004253	-99.7259
0.09855	0.000593014	0	7.49E-16	-5.469E-16	-7.5E-16	1.01E-15	0.006001	0	-0.00068	99.7234
0.0986	0.000593314	0	7.49E-16	-5.469E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00444	-99.7265
0.09865	0.000593614	0	7.49E-16	-5.469E-16	-7.5E-16	1.01E-15	0.006001	0	-0.0004	99.73126
0.0987	0.000593914	0	7.49E-16	-5.4691E-16	-7.5E-16	8.22E-17	0.006	0	0.000985	-99.7324
0.09875	0.000594214	0	7.49E-16	-5.4691E-16	-7.5E-16	1.01E-15	0.006001	0	-6.7E-06	99.73263
0.0988	0.000594514	0	7.489E-16	-5.4692E-16	-7.5E-16	8.22E-17	0.006001	0	-0.00268	-99.735
0.09885	0.000594814	0	7.489E-16	-5.4693E-16	-7.5E-16	1.01E-15	0.006	0	-0.0006	99.73756
0.0989	0.000595114	0	7.489E-16	-5.4693E-16	-7.5E-16	8.21E-17	0.006	0	-0.00039	-99.739
0.09895	0.000595414	0	7.489E-16	-5.4693E-16	-7.5E-16	1.01E-15	0.006	0	-0.00123	99.74075
0.099	0.000595714	0	7.489E-16	-5.4694E-16	-7.5E-16	8.21E-17	0.006	0	-0.00062	-99.7432
0.09905	0.000596014	0	7.489E-16	-5.4694E-16	-7.5E-16	1.01E-15	0.006	0	-0.00054	99.74568
0.0991	0.000596314	0	7.489E-16	-5.4695E-16	-7.5E-16	8.21E-17	0.006	0	-0.00084	-99.7467
0.09915	0.000596614	0	7.489E-16	-5.4695E-16	-7.5E-16	1.01E-15	0.006	0	-0.00192	99.74654
0.0992	0.000596914	0	7.489E-16	-5.4696E-16	-7.5E-16	8.21E-17	0.006	0	-0.00135	-99.7486
0.09925	0.000597214	0	7.488E-16	-5.4696E-16	-7.5E-16	1.01E-15	0.006	0	-0.0002	99.75174
0.0993	0.000597514	0	7.488E-16	-5.4697E-16	-7.5E-16	8.21E-17	0.006	0	2.28E-05	-99.7541
0.09935	0.000597814	0	7.488E-16	-5.4697E-16	-7.5E-16	1.01E-15	0.006	0	-0.00137	99.75635
0.0994	0.000598114	0	7.488E-16	-5.4698E-16	-7.5E-16	8.21E-17	0.006	0	-0.00071	-99.7578
0.09945	0.000598414	0	7.488E-16	-5.4699E-16	-7.5E-16	1.01E-15	0.006	0	-0.00098	99.75803
0.0995	0.000598714	0	7.488E-16	-5.4699E-16	-7.5E-16	8.21E-17	0.006	0	-0.00093	-99.7603
0.09955	0.000599014	0	7.488E-16	-5.4699E-16	-7.5E-16	1.01E-15	0.006	0	0.000259	99.76349
0.0996	0.000599314	0	7.488E-16	-5.47E-16	-7.5E-16	8.21E-17	0.006	0	-0.00197	-99.7656
0.09965	0.000599614	0	7.488E-16	-5.4701E-16	-7.5E-16	1.01E-15	0.006	0	-0.0014	99.76723
0.0997	0.000599914	0	7.488E-16	-5.4702E-16	-7.5E-16	8.21E-17	0.006	0	-0.0003	-99.7708
0.09975	0.000600214	0	7.487E-16	-5.4701E-16	-7.5E-16	1.01E-15	0.006	0	-0.00093	99.77721
0.0998	0.000600514	0	7.487E-16	-5.4702E-16	-7.5E-16	8.21E-17	0.006	0	-0.00056	-99.7767
0.09985	0.000600814	0	7.487E-16	-5.4703E-16	-7.5E-16	1.01E-15	0.006	0	-0.00098	99.77249
0.0999	0.000601114	0	7.487E-16	-5.4703E-16	-7.5E-16	8.21E-17	0.006	0	-0.00103	-99.7764

0.09995	0.000601414	0	7.487E-16	-5.4704E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00073	99.78189
0.1	0.000601714	0	7.487E-16	-5.4705E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00062	-99.7844
0.10005	0.000602014	0	7.487E-16	-5.4705E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00148	99.78769
0.1001	0.000602314	0	7.487E-16	-5.4706E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00058	-99.7892
0.10015	0.000602613	0	7.487E-16	-5.4706E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00018	99.78942
0.1002	0.000602913	0	7.486E-16	-5.4707E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00175	-99.7926
0.10025	0.000603213	0	7.486E-16	-5.4707E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00071	99.797
0.1003	0.000603513	0	7.486E-16	-5.4708E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00091	-99.7976
0.10035	0.000603813	0	7.486E-16	-5.4708E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00033	99.79684
0.1004	0.000604113	0	7.486E-16	-5.4709E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00105	-99.7995
0.10045	0.000604413	0	7.486E-16	-5.4709E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00103	99.80316
0.1005	0.000604713	0	7.486E-16	-5.471E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00102	-99.8057
0.10055	0.000605013	0	7.486E-16	-5.471E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00068	99.80855
0.1006	0.000605313	0	7.486E-16	-5.4711E-16	-7.5E-16	8.2E-17	0.005999	0	-0.00132	-99.8099
0.10065	0.000605613	0	7.486E-16	-5.4716E-16	-7.5E-16	1.01E-15	0.005999	0	0.003113	99.80057
0.1007	0.000605913	0	7.486E-16	-5.4717E-16	-7.5E-16	8.2E-17	0.005999	0	-0.0002	-99.8146
0.10075	0.000606213	0	7.486E-16	-5.4717E-16	-7.5E-16	1.01E-15	0.005999	0	-0.0022	99.84135
0.1008	0.000606513	0	7.486E-16	-5.4718E-16	-7.5E-16	8.19E-17	0.005999	0	-0.00123	-99.8412
0.10085	0.000606813	0	7.485E-16	-5.4719E-16	-7.5E-16	1.01E-15	0.005999	0	-0.0008	99.83831
0.1009	0.000607113	0	7.485E-16	-5.472E-16	-7.5E-16	8.19E-17	0.005999	0	-0.00134	-99.8414
0.10095	0.000607413	0	7.485E-16	-5.472E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00081	99.84457
0.101	0.000607713	0	7.485E-16	-5.472E-16	-7.5E-16	8.19E-17	0.005999	0	-0.0004	-99.8456
0.10105	0.000608013	0	7.485E-16	-5.4721E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00116	99.84574
0.1011	0.000608312	0	7.485E-16	-5.4721E-16	-7.5E-16	8.19E-17	0.005999	0	-0.0011	-99.8481
0.10115	0.000608612	0	7.485E-16	-5.4722E-16	-7.5E-16	1.01E-15	0.005999	0	-0.00023	99.85079
0.1012	0.000608912	0	7.485E-16	-5.4722E-16	-7.5E-16	8.19E-17	0.005999	0	-0.00107	-99.8527
0.10125	0.000609212	0	7.484E-16	-5.4723E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00139	99.85501
0.1013	0.000609512	0	7.484E-16	-5.4723E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00074	-99.8565
0.10135	0.000609812	0	7.484E-16	-5.4723E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00019	99.85822
0.1014	0.000610112	0	7.484E-16	-5.4724E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00081	-99.8596
0.10145	0.000610412	0	7.484E-16	-5.4725E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00049	99.85943
0.1015	0.000610712	0	7.484E-16	-5.4725E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00123	-99.8621
0.10155	0.000611012	0	7.484E-16	-5.4725E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00126	99.86682

0.1016	0.000611312	0	7.484E-16	-5.4726E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00091	-99.8681
0.10165	0.000611612	0	7.484E-16	-5.4726E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00022	99.86835
0.1017	0.000611911	0	7.484E-16	-5.4726E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00109	-99.8678
0.10175	0.000612211	0	7.483E-16	-5.4726E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00145	99.86749
0.1018	0.000612511	0	7.484E-16	-5.4724E-16	-7.5E-16	8.19E-17	0.005998	0	0.00737	-99.8629
0.10185	0.000612811	0	7.484E-16	-5.4724E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00017	99.85761
0.1019	0.000613111	0	7.484E-16	-5.4724E-16	-7.5E-16	8.19E-17	0.005998	0	-0.00481	-99.8583
0.10195	0.000613411	0	7.484E-16	-5.4724E-16	-7.5E-16	1.01E-15	0.005998	0	-0.00243	99.86009
0.102	0.000613711	0	7.484E-16	-5.4724E-16	-7.5E-16	8.19E-17	0.005998	0	0.001129	-99.8611
0.10205	0.000614011	0	7.464E-16	-5.3653E-16	-7.5E-16	1.01E-15	0.005998	0	-0.21163	102.1608
0.1021	0.00061431	0	7.464E-16	-5.3654E-16	-7.5E-16	7.27E-17	0.005987	0	-0.03534	-99.5419
0.10215	0.000614609	0	7.463E-16	-5.3654E-16	-7.5E-16	9.75E-16	0.005986	0	0.098525	94.07924
0.1022	0.000614909	0	7.463E-16	-5.3655E-16	-7.5E-16	9.55E-17	0.005991	0	0.032912	-94.653
0.10225	0.000615209	0	7.463E-16	-5.3655E-16	-7.5E-16	9.83E-16	0.005992	0	-0.04554	95.83374
0.1023	0.000615508	0	7.463E-16	-5.3655E-16	-7.5E-16	9.03E-17	0.00599	0	-0.02476	-95.7683
0.10235	0.000615808	0	7.457E-16	-5.3652E-16	-7.5E-16	9.82E-16	0.005989	0	-0.05092	95.63971
0.1024	0.000616107	0	7.457E-16	-5.3653E-16	-7.5E-16	9.08E-17	0.005986	0	0.002753	-95.6433
0.10245	0.000616406	0	7.457E-16	-5.3653E-16	-7.5E-16	9.82E-16	0.005986	0	0.025441	95.64832
0.1025	0.000616706	0	7.456E-16	-5.3654E-16	-7.5E-16	9.08E-17	0.005988	0	0.000841	-95.6503
0.10255	0.000617005	0	7.456E-16	-5.3654E-16	-7.5E-16	9.82E-16	0.005988	0	-0.01274	95.65238
0.1026	0.000617304	0	7.456E-16	-5.3655E-16	-7.5E-16	9.08E-17	0.005987	0	-0.00404	-95.6535
0.10265	0.000617604	0	7.456E-16	-5.3655E-16	-7.5E-16	9.82E-16	0.005987	0	0.004698	95.65322
0.1027	0.000617903	0	7.456E-16	-5.3656E-16	-7.5E-16	9.08E-17	0.005987	0	0.001373	-95.6563
0.10275	0.000618202	0	7.456E-16	-5.3657E-16	-7.5E-16	9.82E-16	0.005987	0	-0.00261	95.65981
0.1028	0.000618502	0	7.456E-16	-5.3657E-16	-7.5E-16	9.08E-17	0.005987	0	-0.00231	-95.6613
0.10285	0.000618801	0	7.456E-16	-5.3657E-16	-7.5E-16	9.82E-16	0.005987	0	1.28E-06	95.66311
0.1029	0.0006191	0	7.456E-16	-5.3658E-16	-7.5E-16	9.08E-17	0.005987	0	0.000613	-95.6656
0.10295	0.0006194	0	7.455E-16	-5.3658E-16	-7.5E-16	9.82E-16	0.005987	0	-0.00195	95.66844
0.103	0.000619699	0	7.455E-16	-5.3659E-16	-7.5E-16	9.08E-17	0.005987	0	-0.00134	-95.6704
0.10305	0.000619998	0	7.455E-16	-5.3659E-16	-7.5E-16	9.82E-16	0.005987	0	-0.00054	95.67187
0.1031	0.000620298	0	7.455E-16	-5.366E-16	-7.5E-16	9.08E-17	0.005987	0	-0.00051	-95.6738
0.10315	0.000620597	0	7.455E-16	-5.3661E-16	-7.5E-16	9.82E-16	0.005987	0	-0.00036	95.67522
0.1032	0.000620896	0	7.455E-16	-5.3661E-16	-7.5E-16	9.08E-17	0.005987	0	-0.0007	-95.6768

0.10325	0.000621196	0	7.455E-16	-5.3661E-16	-7.5E-16	9.82E-16	0.005987	0	-0.00264	95.67849
0.1033	0.000621495	0	7.455E-16	-5.3662E-16	-7.5E-16	9.07E-17	0.005987	0	-0.00049	-95.6809
0.10335	0.000621794	0	7.455E-16	-5.3663E-16	-7.5E-16	9.83E-16	0.005986	0	0.000198	95.68315
0.1034	0.000622094	0	7.455E-16	-5.3663E-16	-7.5E-16	9.07E-17	0.005986	0	-0.00124	-95.6851
0.10345	0.000622393	0	7.454E-16	-5.3663E-16	-7.5E-16	9.83E-16	0.005986	0	-0.00129	95.68754
0.1035	0.000622692	0	7.454E-16	-5.3664E-16	-7.5E-16	9.07E-17	0.005986	0	-0.00099	-95.689
0.10355	0.000622992	0	7.454E-16	-5.3664E-16	-7.5E-16	9.83E-16	0.005986	0	-6.1E-05	95.69057
0.1036	0.000623291	0	7.454E-16	-5.3665E-16	-7.5E-16	9.07E-17	0.005986	0	-0.00086	-95.6923
0.10365	0.00062359	0	7.454E-16	-5.3665E-16	-7.5E-16	9.83E-16	0.005986	0	-0.0016	95.6924
0.1037	0.00062389	0	7.454E-16	-5.3665E-16	-7.5E-16	9.07E-17	0.005986	0	-0.0012	-95.6942
0.10375	0.000624189	0	7.454E-16	-5.3666E-16	-7.5E-16	9.83E-16	0.005986	0	5.65E-06	95.69668
0.1038	0.000624488	0	7.454E-16	-5.3667E-16	-7.5E-16	9.07E-17	0.005986	0	-0.00064	-95.6995
0.10385	0.000624788	0	7.454E-16	-5.3667E-16	-7.5E-16	9.83E-16	0.005986	0	-0.00096	95.70315
0.1039	0.000625087	0	7.453E-16	-5.3667E-16	-7.5E-16	9.07E-17	0.005986	0	-0.00131	-95.704
0.10395	0.000625386	0	9.07E-16	-3.2827E-16	-7.5E-16	9.83E-16	0.005986	0	17.34575	140.427
0.104	0.000625729	0	7.453E-16	-5.3663E-16	-9.8E-16	-4.6E-19	0.006853	0	-16.1828	-115.254
0.10405	0.000626031	0	7.453E-16	-5.3663E-16	-7.6E-16	6.56E-16	0.006044	0	-9.65718	25.5539
0.1041	0.000626309	0	7.453E-16	-5.3663E-16	-6.4E-16	3.91E-16	0.005561	0	6.111152	-31.2019
0.10415	0.000626602	0	7.453E-16	-5.3664E-16	-7.2E-16	7.23E-16	0.005867	0	6.200563	40.06235
0.1042	0.000626911	0	7.453E-16	-5.3665E-16	-7.9E-16	3.15E-16	0.006177	0	-2.08904	-47.481
0.10425	0.000627215	0	7.453E-16	-5.3665E-16	-7.7E-16	8.17E-16	0.006072	0	-3.37938	60.20168
0.1043	0.00062751	0	7.452E-16	-5.3666E-16	-7.2E-16	2.21E-16	0.005903	0	0.490603	-67.7873
0.10435	0.000627806	0	7.452E-16	-5.3666E-16	-7.3E-16	9.19E-16	0.005928	0	1.777018	82.06514
0.1044	0.000628107	0	7.452E-16	-5.3667E-16	-7.5E-16	1.35E-16	0.006017	0	0.049327	-86.2778
0.10445	0.000628408	0	7.452E-16	-5.3667E-16	-7.5E-16	9.78E-16	0.006019	0	-0.88097	94.75944
0.1045	0.000628707	0	7.452E-16	-5.3668E-16	-7.4E-16	9.35E-17	0.005975	0	-0.16899	-95.1076
0.10455	0.000629005	0	7.452E-16	-5.3668E-16	-7.4E-16	9.83E-16	0.005967	0	0.4118	95.82521
0.1046	0.000629305	0	7.452E-16	-5.3669E-16	-7.5E-16	9.03E-17	0.005987	0	0.15178	-95.7837
0.10465	0.000629604	0	7.452E-16	-5.3669E-16	-7.5E-16	9.83E-16	0.005995	0	-0.18286	95.69511
0.1047	0.000629904	0	7.452E-16	-5.367E-16	-7.5E-16	9.07E-17	0.005986	0	-0.10641	-95.703
0.10475	0.000630203	0	7.451E-16	-5.367E-16	-7.4E-16	9.83E-16	0.00598	0	0.072263	95.71751
0.1048	0.000630502	0	7.451E-16	-5.3671E-16	-7.4E-16	9.07E-17	0.005984	0	0.063797	-95.718
0.10485	0.000630801	0	7.451E-16	-5.3672E-16	-7.5E-16	9.83E-16	0.005987	0	-0.02641	95.71601

0.1049	0.000631101	0	7.451E-16	-5.3672E-16	-7.5E-16	9.07E-17	0.005986	0	-0.03742	-95.7197
0.10495	0.0006314	0	7.451E-16	-5.3673E-16	-7.4E-16	9.83E-16	0.005984	0	0.005914	95.72534
0.105	0.000631699	0	7.451E-16	-5.3673E-16	-7.4E-16	9.06E-17	0.005984	0	0.018667	-95.7258
0.10505	0.000631998	0	7.451E-16	-5.3674E-16	-7.5E-16	9.83E-16	0.005985	0	-0.00025	95.7234
0.1051	0.000632298	0	7.451E-16	-5.3675E-16	-7.5E-16	9.07E-17	0.005985	0	-0.0109	-95.7277
0.10515	0.000632597	0	7.451E-16	-5.3675E-16	-7.5E-16	9.83E-16	0.005985	0	-0.00278	95.73478
0.1052	0.000632896	0	7.451E-16	-5.3675E-16	-7.5E-16	9.06E-17	0.005985	0	0.004344	-95.7351
0.10525	0.000633195	0	7.45E-16	-5.3676E-16	-7.5E-16	9.83E-16	0.005985	0	0.000864	95.73419
0.1053	0.000633495	0	7.45E-16	-5.3677E-16	-7.5E-16	9.06E-17	0.005985	0	-0.00312	-95.7377
0.10535	0.000633794	0	7.202E-16	-5.7255E-16	-7.5E-16	9.83E-16	0.005985	0	-2.66091	88.0643
0.1054	0.000634086	0	7.204E-16	-5.7292E-16	-7.1E-16	1.27E-16	0.005852	0	-0.45568	-95.6897
0.10545	0.000634378	0	7.204E-16	-5.7292E-16	-7.1E-16	1.09E-15	0.005829	0	1.239693	112.0312
0.1055	0.000634672	0	7.204E-16	-5.7293E-16	-7.2E-16	5.69E-17	0.005891	0	0.464383	-110.736
0.10555	0.000634968	0	7.204E-16	-5.7294E-16	-7.3E-16	1.08E-15	0.005914	0	-0.53263	107.85
0.1056	0.000635262	0	7.204E-16	-5.7294E-16	-7.2E-16	6.73E-17	0.005887	0	-0.33104	-108.516
0.10565	0.000635556	0	7.204E-16	-5.7295E-16	-7.2E-16	1.09E-15	0.005871	0	0.20331	109.9894
0.1057	0.00063585	0	7.204E-16	-5.7295E-16	-7.2E-16	6.19E-17	0.005881	0	0.203353	-109.676
0.10575	0.000636145	0	7.204E-16	-5.7296E-16	-7.2E-16	1.08E-15	0.005891	0	-0.06563	108.9786
0.1058	0.000636439	0	7.204E-16	-5.7296E-16	-7.2E-16	6.44E-17	0.005888	0	-0.11514	-109.136
0.10585	0.000636733	0	7.204E-16	-5.7296E-16	-7.2E-16	1.08E-15	0.005882	0	0.010582	109.4848
0.1059	0.000637027	0	7.203E-16	-5.7297E-16	-7.2E-16	6.31E-17	0.005883	0	0.058003	-109.41
0.10595	0.000637322	0	7.203E-16	-5.7297E-16	-7.2E-16	1.08E-15	0.005886	0	0.004517	109.2423
0.106	0.000637616	0	7.203E-16	-5.7298E-16	-7.2E-16	6.37E-17	0.005886	0	-0.02877	-109.281
0.10605	0.00063791	0	7.203E-16	-5.7299E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00926	109.3648
0.1061	0.000638204	0	7.203E-16	-5.7299E-16	-7.2E-16	6.34E-17	0.005884	0	0.011673	-109.348
0.10615	0.000638498	0	7.203E-16	-5.7299E-16	-7.2E-16	1.08E-15	0.005885	0	0.006009	109.3096
0.1062	0.000638793	0	7.203E-16	-5.73E-16	-7.2E-16	6.36E-17	0.005885	0	-0.00572	-109.321
0.10625	0.000639087	0	7.203E-16	-5.73E-16	-7.2E-16	1.08E-15	0.005885	0	-0.00615	109.3438
0.1063	0.000639381	0	7.203E-16	-5.7301E-16	-7.2E-16	6.35E-17	0.005884	0	0.001155	-109.34
0.10635	0.000639675	0	7.203E-16	-5.7301E-16	-7.2E-16	1.08E-15	0.005884	0	0.002295	109.3299
0.1064	0.00063997	0	7.202E-16	-5.7302E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00104	-109.334
0.10645	0.000640264	0	7.202E-16	-5.7302E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00292	109.3409
0.1065	0.000640558	0	7.202E-16	-5.7303E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00088	-109.342

0.10655	0.000640852	0	7.202E-16	-5.7303E-16	-7.2E-16	1.08E-15	0.005884	0	0.000222	109.3421
0.1066	0.000641146	0	7.202E-16	-5.7304E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00037	-109.344
0.10665	0.000641441	0	7.202E-16	-5.7304E-16	-7.2E-16	1.08E-15	0.005884	0	-0.0021	109.3453
0.1067	0.000641735	0	7.202E-16	-5.7305E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00075	-109.347
0.10675	0.000642029	0	7.202E-16	-5.7305E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00097	109.3508
0.1068	0.000642323	0	7.202E-16	-5.7306E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00047	-109.352
0.10685	0.000642617	0	7.202E-16	-5.7306E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00024	109.3534
0.1069	0.000642912	0	7.201E-16	-5.7307E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00122	-109.355
0.10695	0.000643206	0	7.201E-16	-5.7307E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00153	109.3564
0.107	0.0006435	0	7.201E-16	-5.7308E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00098	-109.359
0.10705	0.000643794	0	7.201E-16	-5.7308E-16	-7.2E-16	1.08E-15	0.005884	0	0.000413	109.3611
0.1071	0.000644088	0	7.201E-16	-5.7308E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00116	-109.362
0.10715	0.000644383	0	7.201E-16	-5.7309E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00102	109.3617
0.1072	0.000644677	0	7.201E-16	-5.7309E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00153	-109.363
0.10725	0.000644971	0	7.201E-16	-5.731E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00081	109.3649
0.1073	0.000645265	0	7.201E-16	-5.7311E-16	-7.2E-16	6.35E-17	0.005884	0	-0.00076	-109.367
0.10735	0.000645559	0	7.2E-16	-5.7311E-16	-7.2E-16	1.08E-15	0.005884	0	-0.00021	109.3716
0.1074	0.000645854	0	7.2E-16	-5.7312E-16	-7.2E-16	6.34E-17	0.005884	0	-0.00181	-109.373
0.10745	0.000646148	0	7.2E-16	-5.7312E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00069	109.3739
0.1075	0.000646442	0	7.2E-16	-5.7313E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00033	-109.376
0.10755	0.000646736	0	7.2E-16	-5.7313E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00092	109.3789
0.1076	0.00064703	0	7.2E-16	-5.7314E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00131	-109.381
0.10765	0.000647324	0	7.2E-16	-5.7315E-16	-7.2E-16	1.08E-15	0.005883	0	-0.001	109.382
0.1077	0.000647619	0	7.2E-16	-5.7315E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00099	-109.383
0.10775	0.000647913	0	7.2E-16	-5.7312E-16	-7.2E-16	1.08E-15	0.005883	0	0.000115	109.3911
0.1078	0.000648207	0	7.199E-16	-5.7312E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00089	-109.384
0.10785	0.000648501	0	7.199E-16	-5.7313E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00163	109.368
0.1079	0.000648795	0	7.199E-16	-5.7313E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00079	-109.373
0.10795	0.000649089	0	7.199E-16	-5.7314E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00064	109.3826
0.108	0.000649383	0	7.199E-16	-5.7314E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00141	-109.383
0.10805	0.000649678	0	7.199E-16	-5.7315E-16	-7.2E-16	1.08E-15	0.005883	0	-0.0003	109.3816
0.1081	0.000649972	0	7.199E-16	-5.7315E-16	-7.2E-16	6.34E-17	0.005883	0	-0.0003	-109.384
0.10815	0.000650266	0	7.199E-16	-5.7316E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00147	109.387

0.1082	0.00065056	0	7.199E-16	-5.7317E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00115	-109.39
0.10825	0.000650854	0	7.199E-16	-5.7318E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00082	109.3947
0.1083	0.000651148	0	7.198E-16	-5.7318E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00082	-109.396
0.10835	0.000651442	0	7.198E-16	-5.7318E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00122	109.3987
0.1084	0.000651737	0	7.198E-16	-5.7319E-16	-7.2E-16	6.34E-17	0.005883	0	1.49E-05	-109.399
0.10845	0.000652031	0	7.198E-16	-5.732E-16	-7.2E-16	1.08E-15	0.005883	0	-0.00147	109.3966
0.1085	0.000652325	0	7.198E-16	-5.732E-16	-7.2E-16	6.34E-17	0.005883	0	-0.00196	-109.401
0.10855	0.000652619	0	7.198E-16	-5.7321E-16	-7.2E-16	1.08E-15	0.005882	0	-0.0003	109.4066
0.1086	0.000652913	0	7.198E-16	-5.7322E-16	-7.2E-16	6.34E-17	0.005882	0	0.000384	-109.408
0.10865	0.000653207	0	7.198E-16	-5.7322E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00136	109.4098
0.1087	0.000653501	0	7.198E-16	-5.7323E-16	-7.2E-16	6.34E-17	0.005882	0	-0.00141	-109.412
0.10875	0.000653795	0	7.198E-16	-5.7323E-16	-7.2E-16	1.08E-15	0.005882	0	0.000157	109.4162
0.1088	0.00065409	0	7.197E-16	-5.7324E-16	-7.2E-16	6.34E-17	0.005882	0	-0.00128	-109.417
0.10885	0.000654384	0	7.197E-16	-5.7324E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00159	109.4165
0.1089	0.000654678	0	7.197E-16	-5.7325E-16	-7.2E-16	6.34E-17	0.005882	0	-0.00037	-109.418
0.10895	0.000654972	0	7.197E-16	-5.7325E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00118	109.4194
0.109	0.000655266	0	7.197E-16	-5.7326E-16	-7.2E-16	6.33E-17	0.005882	0	-0.00068	-109.421
0.10905	0.00065556	0	7.197E-16	-5.7326E-16	-7.2E-16	1.08E-15	0.005882	0	-0.0002	109.4234
0.1091	0.000655854	0	7.197E-16	-5.7326E-16	-7.2E-16	6.33E-17	0.005882	0	-0.00139	-109.425
0.10915	0.000656148	0	7.197E-16	-5.7327E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00074	109.4253
0.1092	0.000656442	0	7.196E-16	-5.7328E-16	-7.2E-16	6.33E-17	0.005882	0	-0.00117	-109.428
0.10925	0.000656736	0	7.196E-16	-5.7328E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00037	109.4321
0.1093	0.000657031	0	7.196E-16	-5.7328E-16	-7.2E-16	6.33E-17	0.005882	0	0.000277	-109.431
0.10935	0.000657325	0	7.196E-16	-5.7328E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00123	109.4274
0.1094	0.000657619	0	7.196E-16	-5.7328E-16	-7.2E-16	6.33E-17	0.005882	0	-0.00231	-109.43
0.10945	0.000657913	0	7.196E-16	-5.7329E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00078	109.4343
0.1095	0.000658207	0	7.196E-16	-5.7329E-16	-7.2E-16	6.33E-17	0.005882	0	9.84E-05	-109.436
0.10955	0.000658501	0	7.196E-16	-5.733E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00126	109.4365
0.1096	0.000658795	0	7.196E-16	-5.733E-16	-7.2E-16	6.33E-17	0.005882	0	-0.00172	-109.438
0.10965	0.000659089	0	7.196E-16	-5.7331E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00058	109.44
0.1097	0.000659383	0	7.195E-16	-5.7332E-16	-7.2E-16	6.33E-17	0.005881	0	-9.2E-06	-109.442
0.10975	0.000659677	0	7.195E-16	-5.7332E-16	-7.2E-16	1.08E-15	0.005881	0	-0.00113	109.445
0.1098	0.000659971	0	7.195E-16	-5.7341E-16	-7.2E-16	6.33E-17	0.005881	0	-0.00074	-109.464

0.10985	0.000660265	0	7.195E-16	-5.7341E-16	-7.2E-16	1.08E-15	0.005881	0	-0.00141	109.4857
0.1099	0.00066056	0	7.195E-16	-5.7342E-16	-7.2E-16	6.32E-17	0.005881	0	-0.00028	-109.483
0.10995	0.000660854	0	7.195E-16	-5.7341E-16	-7.2E-16	1.08E-15	0.005881	0	0.004557	109.4786
0.11	0.000661148	0	7.195E-16	-5.7342E-16	-7.2E-16	6.32E-17	0.005882	0	0.000255	-109.479
0.11005	0.000661442	0	7.195E-16	-5.7342E-16	-7.2E-16	1.08E-15	0.005882	0	-0.00323	109.4787
0.1101	0.000661736	0	7.195E-16	-5.7343E-16	-7.2E-16	6.32E-17	0.005881	0	-0.00194	-109.481
0.11015	0.00066203	0	7.195E-16	-5.7343E-16	-7.2E-16	1.08E-15	0.005881	0	0.000361	109.4851
0.1102	0.000662324	0	7.195E-16	-5.7344E-16	-7.2E-16	6.32E-17	0.005881	0	-0.0005	-109.487
0.11025	0.000662618	0	7.195E-16	-5.7344E-16	-7.2E-16	1.08E-15	0.005881	0	-0.00172	109.4879
0.1103	0.000662912	0	7.195E-16	-5.7345E-16	-7.2E-16	6.32E-17	0.005881	0	-0.00065	-109.49
0.11035	0.000663206	0	7.195E-16	-5.7345E-16	-7.2E-16	1.08E-15	0.005881	0	-0.00067	109.4911
0.1104	0.0006635	0	7.195E-16	-5.7346E-16	-7.2E-16	6.32E-17	0.005881	0	-0.00018	-109.492
0.11045	0.000663794	0	7.194E-16	-5.7346E-16	-7.2E-16	1.08E-15	0.005881	0	-0.00157	109.4925
0.1105	0.000664088	0	7.194E-16	-5.7347E-16	-7.2E-16	6.32E-17	0.005881	0	-0.00137	-109.495
0.11055	0.000664382	0	7.448E-16	-5.4086E-16	-7.2E-16	1.08E-15	0.005881	0	2.721917	116.4945
0.1106	0.000664683	0	7.448E-16	-5.4087E-16	-7.5E-16	4.04E-17	0.006017	0	0.468613	-107.4
0.11065	0.000664985	0	7.448E-16	-5.4088E-16	-7.6E-16	9.51E-16	0.006041	0	-1.29084	88.11195
0.1107	0.000665284	0	7.448E-16	-5.4088E-16	-7.4E-16	1.16E-16	0.005976	0	-0.4409	-91.2553
0.11075	0.000665582	0	7.448E-16	-5.4088E-16	-7.4E-16	9.96E-16	0.005954	0	0.571218	97.71156
0.1108	0.000665881	0	7.447E-16	-5.4089E-16	-7.4E-16	8.61E-17	0.005982	0	0.315448	-97.5872
0.11085	0.000666181	0	7.447E-16	-5.409E-16	-7.5E-16	9.94E-16	0.005998	0	-0.23566	97.32427
0.1109	0.00066648	0	7.447E-16	-5.409E-16	-7.5E-16	8.73E-17	0.005986	0	-0.19724	-97.3495
0.11095	0.000666779	0	7.447E-16	-5.4091E-16	-7.4E-16	9.95E-16	0.005977	0	0.083921	97.39993
0.111	0.000667078	0	7.447E-16	-5.4091E-16	-7.4E-16	8.7E-17	0.005981	0	0.110904	-97.3977
0.11105	0.000667377	0	7.447E-16	-5.4092E-16	-7.5E-16	9.95E-16	0.005986	0	-0.02437	97.39052
0.1111	0.000667677	0	7.447E-16	-5.4092E-16	-7.5E-16	8.71E-17	0.005985	0	-0.06055	-97.393
0.11115	0.000667976	0	7.447E-16	-5.4093E-16	-7.4E-16	9.95E-16	0.005982	0	0.001246	97.39597
0.1112	0.000668275	0	7.447E-16	-5.4093E-16	-7.4E-16	8.71E-17	0.005982	0	0.029166	-97.398
0.11125	0.000668574	0	7.446E-16	-5.4094E-16	-7.4E-16	9.95E-16	0.005984	0	0.003303	97.40079
0.1113	0.000668873	0	7.446E-16	-5.4094E-16	-7.4E-16	8.7E-17	0.005984	0	-0.01513	-97.4017
0.11135	0.000669172	0	7.446E-16	-5.4095E-16	-7.4E-16	9.95E-16	0.005983	0	-0.00643	97.40198
0.1114	0.000669471	0	7.446E-16	-5.4095E-16	-7.4E-16	8.7E-17	0.005983	0	0.00586	-97.4053
0.11145	0.000669771	0	7.446E-16	-5.4096E-16	-7.4E-16	9.95E-16	0.005983	0	0.003812	97.40983

0.1115	0.00067007	0	7.446E-16	-5.4096E-16	-7.4E-16	8.7E-17	0.005983	0	-0.00418	-97.412
0.11155	0.000670369	0	7.446E-16	-5.4097E-16	-7.4E-16	9.95E-16	0.005983	0	-0.00349	97.41431
0.1116	0.000670668	0	7.446E-16	-5.4098E-16	-7.4E-16	8.7E-17	0.005983	0	0.000438	-97.4166
0.11165	0.000670967	0	7.446E-16	-5.4098E-16	-7.4E-16	9.95E-16	0.005983	0	0.000422	97.41851
0.1117	0.000671266	0	7.445E-16	-5.4099E-16	-7.4E-16	8.7E-17	0.005983	0	-0.00092	-97.4204
0.11175	0.000671565	0	7.445E-16	-5.4099E-16	-7.4E-16	9.95E-16	0.005983	0	-0.00199	97.4222
0.1118	0.000671865	0	7.445E-16	-5.41E-16	-7.4E-16	8.7E-17	0.005983	0	-0.00107	-97.4244
0.11185	0.000672164	0	7.445E-16	-5.4101E-16	-7.4E-16	9.95E-16	0.005983	0	0.000274	97.42549
0.1119	0.000672463	0	7.445E-16	-5.4102E-16	-7.4E-16	8.7E-17	0.005983	0	-0.00119	-97.4295
0.11195	0.000672762	0	7.445E-16	-5.4101E-16	-7.4E-16	9.95E-16	0.005983	0	-0.0005	97.43657
0.112	0.000673061	0	7.445E-16	-5.4101E-16	-7.4E-16	8.7E-17	0.005983	0	-0.00121	-97.4353
0.11205	0.00067336	0	7.445E-16	-5.4103E-16	-7.4E-16	9.95E-16	0.005983	0	-0.0009	97.42966
0.1121	0.000673659	0	7.445E-16	-5.4103E-16	-7.4E-16	8.7E-17	0.005982	0	-0.00103	-97.4332
0.11215	0.000673958	0	7.444E-16	-5.4103E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00107	97.43923
0.1122	0.000674258	0	7.444E-16	-5.4103E-16	-7.4E-16	8.7E-17	0.005982	0	-0.00095	-97.4398
0.11225	0.000674557	0	7.444E-16	-5.4104E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00093	97.4389
0.1123	0.000674856	0	7.444E-16	-5.4105E-16	-7.4E-16	8.7E-17	0.005982	0	-9E-05	-97.4431
0.11235	0.000675155	0	7.444E-16	-5.4105E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00134	97.44958
0.1124	0.000675454	0	7.444E-16	-5.4106E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00089	-97.4507
0.11245	0.000675753	0	7.444E-16	-5.4106E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00072	97.45073
0.1125	0.000676052	0	7.444E-16	-5.4107E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00085	-97.4526
0.11255	0.000676351	0	7.444E-16	-5.4107E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00054	97.45537
0.1126	0.00067665	0	7.444E-16	-5.4107E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00131	-97.4564
0.11265	0.00067695	0	7.444E-16	-5.4108E-16	-7.4E-16	9.95E-16	0.005982	0	4.74E-05	97.45695
0.1127	0.000677249	0	7.443E-16	-5.4109E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00086	-97.4594
0.11275	0.000677548	0	7.443E-16	-5.4109E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00277	97.46239
0.1128	0.000677847	0	7.443E-16	-5.4109E-16	-7.4E-16	8.69E-17	0.005982	0	0.000241	-97.4636
0.11285	0.000678146	0	7.443E-16	-5.4109E-16	-7.4E-16	9.95E-16	0.005982	0	0.000106	97.46455
0.1129	0.000678445	0	7.443E-16	-5.411E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00138	-97.4657
0.11295	0.000678744	0	7.443E-16	-5.4111E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00107	97.46555
0.113	0.000679043	0	7.443E-16	-5.4111E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00121	-97.4673
0.11305	0.000679342	0	7.443E-16	-5.4112E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00117	97.46836
0.1131	0.000679641	0	7.442E-16	-5.4112E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00056	-97.471

0.11315	0.00067994	0	7.442E-16	-5.4112E-16	-7.4E-16	9.95E-16	0.005982	0	8.03E-05	97.47499
0.1132	0.00068024	0	7.442E-16	-5.4113E-16	-7.4E-16	8.69E-17	0.005982	0	-0.00103	-97.4769
0.11325	0.000680539	0	7.442E-16	-5.4114E-16	-7.4E-16	9.95E-16	0.005982	0	-0.00172	97.47832
0.1133	0.000680838	0	7.442E-16	-5.4114E-16	-7.4E-16	8.69E-17	0.005981	0	-0.00131	-97.4805
0.11335	0.000681137	0	7.442E-16	-5.4114E-16	-7.4E-16	9.95E-16	0.005981	0	-0.00015	97.48321
0.1134	0.000681436	0	7.442E-16	-5.4115E-16	-7.4E-16	8.69E-17	0.005981	0	0.000519	-97.4848
0.11345	0.000681735	0	7.442E-16	-5.4116E-16	-7.4E-16	9.95E-16	0.005981	0	-0.00164	97.48548
0.1135	0.000682034	0	7.442E-16	-5.4116E-16	-7.4E-16	8.69E-17	0.005981	0	-0.00292	-97.488
0.11355	0.000682333	0	7.442E-16	-5.4117E-16	-7.4E-16	9.95E-16	0.005981	0	0.00016	97.49111
0.1136	0.000682632	0	7.442E-16	-5.4119E-16	-7.4E-16	8.68E-17	0.005981	0	0.003459	-97.4968
0.11365	0.000682931	0	7.442E-16	-5.412E-16	-7.4E-16	9.96E-16	0.005981	0	-0.00079	97.502
0.1137	0.00068323	0	7.441E-16	-5.412E-16	-7.4E-16	8.68E-17	0.005981	0	-0.00331	-97.5048
0.11375	0.000683529	0	7.441E-16	-5.412E-16	-7.4E-16	9.96E-16	0.005981	0	-0.00116	97.50912
0.1138	0.000683828	0	7.441E-16	-5.4121E-16	-7.4E-16	8.68E-17	0.005981	0	-0.00024	-97.5099
0.11385	0.000684127	0	7.441E-16	-5.4122E-16	-7.4E-16	9.96E-16	0.005981	0	0.000468	97.50782
0.1139	0.000684426	0	7.441E-16	-5.4122E-16	-7.4E-16	8.68E-17	0.005981	0	-0.0015	-97.511
0.11395	0.000684725	0	7.441E-16	-5.4123E-16	-7.4E-16	9.96E-16	0.005981	0	-0.0017	97.51618
0.114	0.000685025	0	7.441E-16	-5.4123E-16	-7.4E-16	8.68E-17	0.005981	0	-0.00091	-97.5177
0.11405	0.000685324	0	7.441E-16	-5.4124E-16	-7.4E-16	9.96E-16	0.005981	0	0.000395	97.51839
0.1141	0.000685623	0	7.441E-16	-5.4124E-16	-7.4E-16	8.68E-17	0.005981	0	-0.0005	-97.5206
0.11415	0.000685922	0	7.44E-16	-5.4125E-16	-7.4E-16	9.96E-16	0.005981	0	-0.0021	97.52257
0.1142	0.000686221	0	7.44E-16	-5.4126E-16	-7.4E-16	8.68E-17	0.005981	0	-0.00088	-97.5253
0.11425	0.00068652	0	7.44E-16	-5.4126E-16	-7.4E-16	9.96E-16	0.005981	0	-0.00097	97.52971
0.1143	0.000686819	0	7.44E-16	-5.4127E-16	-7.4E-16	8.68E-17	0.005981	0	0.000156	-97.5314
0.11435	0.000687118	0	7.44E-16	-5.4127E-16	-7.4E-16	9.96E-16	0.005981	0	-0.00129	97.53294
0.1144	0.000687417	0	7.44E-16	-5.4128E-16	-7.4E-16	8.68E-17	0.005981	0	-0.00178	-97.5351
0.11445	0.000687716	0	7.44E-16	-5.4128E-16	-7.4E-16	9.96E-16	0.005981	0	-0.0007	97.53753
0.1145	0.000688015	0	7.44E-16	-5.4129E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00023	-97.5399
0.11455	0.000688314	0	7.44E-16	-5.4128E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00088	97.54367
0.1146	0.000688613	0	7.439E-16	-5.4128E-16	-7.4E-16	8.67E-17	0.00598	0	-0.0021	-97.5422
0.11465	0.000688912	0	7.439E-16	-5.4129E-16	-7.4E-16	9.96E-16	0.00598	0	9.94E-05	97.53738
0.1147	0.000689211	0	7.439E-16	-5.413E-16	-7.4E-16	8.68E-17	0.00598	0	-0.00018	-97.5406
0.11475	0.00068951	0	7.439E-16	-5.413E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00205	97.54494

0.1148	0.000689809	0	7.439E-16	-5.413E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00162	-97.545
0.11485	0.000690108	0	7.439E-16	-5.413E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00114	97.54489
0.1149	0.000690407	0	7.439E-16	-5.4131E-16	-7.4E-16	8.67E-17	0.00598	0	0.000891	-97.547
0.11495	0.000690706	0	7.439E-16	-5.4131E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00054	97.54984
0.115	0.000691005	0	7.439E-16	-5.4132E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00276	-97.5517
0.11505	0.000691304	0	7.438E-16	-5.4132E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00115	97.5526
0.1151	0.000691603	0	7.438E-16	-5.4133E-16	-7.4E-16	8.67E-17	0.00598	0	0.000371	-97.5548
0.11515	0.000691902	0	7.438E-16	-5.4133E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00041	97.55737
0.1152	0.000692201	0	7.439E-16	-5.4135E-16	-7.4E-16	8.67E-17	0.00598	0	0.00576	-97.5611
0.11525	0.0006925	0	7.439E-16	-5.4135E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00031	97.56411
0.1153	0.000692799	0	7.439E-16	-5.4136E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00373	-97.5668
0.11535	0.000693098	0	7.439E-16	-5.4136E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00142	97.57038
0.1154	0.000693397	0	7.438E-16	-5.4136E-16	-7.4E-16	8.67E-17	0.00598	0	0.000905	-97.5707
0.11545	0.000693696	0	7.438E-16	-5.4137E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00117	97.56979
0.1155	0.000693995	0	7.438E-16	-5.4138E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00185	-97.573
0.11555	0.000694294	0	7.438E-16	-5.4138E-16	-7.4E-16	9.96E-16	0.00598	0	0.000603	97.57819
0.1156	0.000694593	0	7.438E-16	-5.4139E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00073	-97.5798
0.11565	0.000694892	0	7.438E-16	-5.4139E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00257	97.57994
0.1157	0.000695191	0	7.438E-16	-5.414E-16	-7.4E-16	8.67E-17	0.00598	0	-0.00062	-97.5817
0.11575	0.00069549	0	7.438E-16	-5.414E-16	-7.4E-16	9.96E-16	0.00598	0	0.000215	97.58473
0.1158	0.000695789	0	7.438E-16	-5.4141E-16	-7.4E-16	8.66E-17	0.00598	0	-0.00125	-97.5865
0.11585	0.000696088	0	7.437E-16	-5.4141E-16	-7.4E-16	9.96E-16	0.00598	0	-0.00079	97.58737
0.1159	0.000696387	0	7.437E-16	-5.4141E-16	-7.4E-16	8.66E-17	0.00598	0	-0.00128	-97.589
0.11595	0.000696686	0	7.437E-16	-5.4142E-16	-7.4E-16	9.96E-16	0.005979	0	-0.00155	97.5901
0.116	0.000696985	0	7.437E-16	-5.4142E-16	-7.4E-16	8.66E-17	0.005979	0	-0.00023	-97.5923
0.11605	0.000697284	0	7.437E-16	-5.4143E-16	-7.4E-16	9.96E-16	0.005979	0	-0.00033	97.59576
0.1161	0.000697583	0	7.437E-16	-5.4144E-16	-7.4E-16	8.66E-17	0.005979	0	-0.00202	-97.5983
0.11615	0.000697882	0	7.437E-16	-5.4145E-16	-7.4E-16	9.96E-16	0.005979	0	-0.00135	97.59962
0.1162	0.000698181	0	7.437E-16	-5.4145E-16	-7.4E-16	8.66E-17	0.005979	0	-0.00071	-97.6018
0.11625	0.00069848	0	7.436E-16	-5.4145E-16	-7.4E-16	9.96E-16	0.005979	0	-8.9E-05	97.6046
0.1163	0.000698779	0	7.436E-16	-5.4146E-16	-7.4E-16	8.66E-17	0.005979	0	-0.00117	-97.6072
0.11635	0.000699078	0	7.436E-16	-5.4147E-16	-7.4E-16	9.96E-16	0.005979	0	-0.00132	97.60951
0.1164	0.000699377	0	7.519E-16	-5.4956E-16	-7.4E-16	8.66E-17	0.005979	0	0.891548	-99.348

0.11645	0.000699678	0	7.519E-16	-5.4957E-16	-7.5E-16	1.02E-15	0.006024	0	0.142872	101.2748
0.1165	0.000699979	0	7.519E-16	-5.4958E-16	-7.6E-16	7.86E-17	0.006031	0	-0.42512	-101.065
0.11655	0.00070028	0	7.519E-16	-5.4958E-16	-7.5E-16	1.02E-15	0.00601	0	-0.13989	100.6168
0.1166	0.00070058	0	7.519E-16	-5.4959E-16	-7.5E-16	8.04E-17	0.006003	0	0.190182	-100.675
0.11665	0.00070088	0	7.519E-16	-5.4959E-16	-7.5E-16	1.02E-15	0.006012	0	0.097898	100.797
0.1167	0.000701181	0	7.519E-16	-5.4959E-16	-7.5E-16	7.99E-17	0.006017	0	-0.0796	-100.784
0.11675	0.000701482	0	7.518E-16	-5.496E-16	-7.5E-16	1.02E-15	0.006013	0	-0.06413	100.7539
0.1168	0.000701782	0	7.518E-16	-5.496E-16	-7.5E-16	8.01E-17	0.00601	0	0.029868	-100.759
0.11685	0.000702083	0	1.247E-15	2.73099E-16	-7.5E-16	1.02E-15	0.006011	0	53.20644	277.3135
0.1169	0.000702517	0	1.247E-15	2.73101E-16	-1.6E-15	-9.8E-16	0.008672	0	-7.38409	-151.813
0.11695	0.000702932	0	1.247E-15	2.72842E-16	-1.4E-15	1.09E-17	0.008302	0	-23.7138	60.89414
0.117	0.000703288	0	1.247E-15	2.7284E-16	-1.1E-15	-1.1E-16	0.007117	0	8.923228	34.52518
0.11705	0.000703666	0	1.247E-15	2.72843E-16	-1.2E-15	-3.4E-16	0.007563	0	10.62462	-14.5281
0.1171	0.00070407	0	1.277E-15	2.45142E-16	-1.4E-15	-2.3E-16	0.008094	0	-3.88638	3.411204
0.11715	0.000704465	0	1.277E-15	2.45143E-16	-1.3E-15	-2.5E-16	0.0079	0	-4.2057	-1.77319
0.1172	0.00070485	0	1.277E-15	2.4514E-16	-1.2E-15	-2.4E-16	0.007689	0	2.949526	0.953659
0.11725	0.000705242	0	1.277E-15	2.4514E-16	-1.3E-15	-2.5E-16	0.007837	0	1.416459	-0.50452
0.1173	0.000705637	0	1.277E-15	2.4514E-16	-1.3E-15	-2.4E-16	0.007908	0	-1.83972	0.269388
0.11735	0.000706028	0	1.277E-15	2.45139E-16	-1.3E-15	-2.5E-16	0.007816	0	-0.24157	-0.14328
0.1174	0.000706418	0	1.277E-15	2.45135E-16	-1.3E-15	-2.4E-16	0.007804	0	0.977566	0.075336
0.11745	0.000706811	0	1.277E-15	2.45136E-16	-1.3E-15	-2.5E-16	0.007853	0	-0.12179	-0.03971
0.1175	0.000707203	0	1.277E-15	2.45137E-16	-1.3E-15	-2.5E-16	0.007846	0	-0.45842	0.021316
0.11755	0.000707594	0	1.277E-15	2.45137E-16	-1.3E-15	-2.5E-16	0.007824	0	0.173495	-0.01132
0.1176	0.000707986	0	1.277E-15	2.45133E-16	-1.3E-15	-2.5E-16	0.007832	0	0.185464	0.005
0.11765	0.000708378	0	1.277E-15	2.45136E-16	-1.3E-15	-2.5E-16	0.007842	0	-0.13417	-0.00194
0.1177	0.00070877	0	1.277E-15	2.45102E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.05783	-0.00632
0.11775	0.000709161	0	1.277E-15	2.45098E-16	-1.3E-15	-2.5E-16	0.007832	0	0.080184	0.002543
0.1178	0.000709553	0	1.277E-15	2.45093E-16	-1.3E-15	-2.5E-16	0.007836	0	0.008046	-0.00228
0.11785	0.000709945	0	1.277E-15	2.45095E-16	-1.3E-15	-2.5E-16	0.007836	0	-0.04386	0.001573
0.1179	0.000710336	0	1.277E-15	2.45097E-16	-1.3E-15	-2.5E-16	0.007834	0	0.006035	-0.00033
0.11795	0.000710728	0	1.277E-15	2.45096E-16	-1.3E-15	-2.5E-16	0.007834	0	0.019573	-0.00017
0.118	0.00071112	0	1.277E-15	2.45092E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00855	-0.00078
0.11805	0.000711512	0	1.277E-15	2.45093E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00843	0.000661

0.1181	0.000711903	0	1.277E-15	2.45097E-16	-1.3E-15	-2.5E-16	0.007835	0	0.005089	0.00054
0.11815	0.000712295	0	1.277E-15	2.45091E-16	-1.3E-15	-2.5E-16	0.007835	0	0.001952	-0.00155
0.1182	0.000712687	0	1.277E-15	2.45094E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00424	0.00135
0.11825	0.000713079	0	1.277E-15	2.45095E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00121	-0.00051
0.1183	0.00071347	0	1.277E-15	2.45091E-16	-1.3E-15	-2.5E-16	0.007835	0	0.002127	-0.00051
0.11835	0.000713862	0	1.277E-15	2.45091E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00109	0.00019
0.1184	0.000714254	0	1.277E-15	2.45089E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00183	-0.00044
0.11845	0.000714646	0	1.277E-15	2.4509E-16	-1.3E-15	-2.5E-16	0.007835	0	1.25E-05	0.000424
0.1185	0.000715037	0	1.277E-15	2.45089E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00026	-0.00049
0.11855	0.000715429	0	1.277E-15	2.45061E-16	-1.3E-15	-2.5E-16	0.007835	0	-0.00797	-0.00562
0.1186	0.000715821	0	1.277E-15	2.45056E-16	-1.3E-15	-2.5E-16	0.007834	0	0.001003	0.001793
0.11865	0.000716212	0	1.277E-15	2.45057E-16	-1.3E-15	-2.5E-16	0.007834	0	0.003218	-0.00068
0.1187	0.000716604	0	1.277E-15	2.45058E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00247	0.00056
0.11875	0.000716996	0	1.277E-15	2.45063E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.0029	0.000732
0.1188	0.000717388	0	1.277E-15	2.4506E-16	-1.3E-15	-2.5E-16	0.007834	0	0.001364	-0.00091
0.11885	0.000717779	0	1.277E-15	2.45061E-16	-1.3E-15	-2.5E-16	0.007834	0	7.33E-05	0.000552
0.1189	0.000718171	0	1.277E-15	2.45063E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00227	0.000114
0.11895	0.000718563	0	1.277E-15	2.45063E-16	-1.3E-15	-2.5E-16	0.007834	0	0.000408	0.000116
0.119	0.000718954	0	1.277E-15	2.45062E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00105	-0.00035
0.11905	0.000719346	0	1.277E-15	2.45059E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00137	-0.00047
0.1191	0.000719738	0	1.277E-15	2.45065E-16	-1.3E-15	-2.5E-16	0.007834	0	0.000205	0.001512
0.11915	0.00072013	0	1.277E-15	2.45066E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00011	-0.00055
0.1192	0.000720521	0	1.277E-15	2.45063E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00176	-0.00034
0.11925	0.000720913	0	1.277E-15	2.45062E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00049	1.72E-05
0.1193	0.000721305	0	1.277E-15	2.45064E-16	-1.3E-15	-2.5E-16	0.007834	0	0.000376	0.000374
0.11935	0.000721696	0	1.277E-15	2.45062E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00112	-0.00072
0.1194	0.000722088	0	1.277E-15	2.45061E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00043	0.0003
0.11945	0.00072248	0	1.277E-15	2.45059E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.0005	-0.00059
0.1195	0.000722871	0	1.277E-15	2.45058E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00017	-1.4E-05
0.11955	0.000723263	0	1.277E-15	2.45057E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.0008	-8.4E-05
0.1196	0.000723655	0	1.276E-15	2.45061E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00126	0.000863
0.11965	0.000724046	0	1.276E-15	2.45058E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00024	-0.0011
0.1197	0.000724438	0	1.276E-15	2.45059E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00045	0.000814

0.11975	0.00072483	0	1.276E-15	2.45058E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00049	-0.00061
0.1198	0.000725222	0	1.276E-15	2.45059E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.001	0.000477
0.11985	0.000725613	0	1.276E-15	2.45054E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.0004	-0.00146
0.1199	0.000726005	0	1.276E-15	2.45053E-16	-1.3E-15	-2.5E-16	0.007834	0	0.000313	0.00056
0.11995	0.000726397	0	1.276E-15	2.45051E-16	-1.3E-15	-2.5E-16	0.007834	0	-0.00162	-0.00064
0.12	0.000726788	0	1.276E-15	2.45054E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00061	0.001076
0.12005	0.00072718	0	1.276E-15	2.45051E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00044	-0.00137
0.1201	0.000727572	0	1.276E-15	2.4505E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00045	0.000647
0.12015	0.000727963	0	1.276E-15	2.4505E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00064	-0.00045
0.1202	0.000728355	0	1.276E-15	2.4505E-16	-1.3E-15	-2.5E-16	0.007833	0	0.000322	0.00032
0.12025	0.000728747	0	1.276E-15	2.4505E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00189	-9.5E-05
0.1203	0.000729138	0	1.276E-15	2.45052E-16	-1.3E-15	-2.5E-16	0.007833	0	-2.9E-06	0.000402
0.12035	0.00072953	0	1.276E-15	2.45051E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00065	-0.00043
0.1204	0.000729922	0	1.276E-15	2.45048E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00084	-0.00049
0.12045	0.000730313	0	1.276E-15	2.45044E-16	-1.3E-15	-2.5E-16	0.007833	0	-9.9E-05	-0.00054
0.1205	0.000730705	0	1.276E-15	2.45044E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00135	0.00039
0.12055	0.000731097	0	1.276E-15	2.45043E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00097	-0.00051
0.1206	0.000731488	0	1.276E-15	2.45045E-16	-1.3E-15	-2.5E-16	0.007833	0	0.000911	0.000774
0.12065	0.00073188	0	1.276E-15	2.45044E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00049	-0.00078
0.1207	0.000732272	0	1.276E-15	2.45042E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00214	-3.5E-05
0.12075	0.000732663	0	1.276E-15	2.45044E-16	-1.3E-15	-2.5E-16	0.007833	0	0.000555	0.000525
0.1208	0.000733055	0	1.276E-15	2.45043E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00028	-0.00045
0.12085	0.000733446	0	1.276E-15	2.45043E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00173	0.000132
0.1209	0.000733838	0	1.276E-15	2.45039E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00077	-0.00091
0.12095	0.00073423	0	1.276E-15	2.45042E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00026	0.001141
0.121	0.000734621	0	1.276E-15	2.45041E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00047	-0.0007
0.12105	0.000735013	0	1.276E-15	2.45042E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00036	0.000499
0.1211	0.000735405	0	1.276E-15	2.45037E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00078	-0.00126
0.12115	0.000735796	0	1.276E-15	2.45038E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00071	0.000843
0.1212	0.000736188	0	1.276E-15	2.4504E-16	-1.3E-15	-2.5E-16	0.007833	0	0.000537	-9.4E-06
0.12125	0.00073658	0	1.276E-15	2.45037E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00057	-0.00078
0.1213	0.000736971	0	1.276E-15	2.45036E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00153	0.000329
0.12135	0.000737363	0	1.276E-15	2.45036E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00053	-0.0003

0.1214	0.000737755	0	1.276E-15	2.45036E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00019	0.000199
0.12145	0.000738146	0	1.276E-15	2.45037E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00064	0.000189
0.1215	0.000738538	0	1.276E-15	2.45033E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00087	-0.00103
0.12155	0.000738929	0	1.276E-15	2.45035E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00095	0.001019
0.1216	0.000739321	0	1.276E-15	2.45034E-16	-1.3E-15	-2.5E-16	0.007833	0	0.000484	-0.00082
0.12165	0.000739713	0	1.276E-15	2.4503E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.00159	-0.00031
0.1217	0.000740104	0	1.276E-15	2.45034E-16	-1.3E-15	-2.5E-16	0.007832	0	0.000334	0.000946
0.12175	0.000740496	0	1.276E-15	2.45024E-16	-1.3E-15	-2.5E-16	0.007833	0	-0.0025	-0.00262
0.1218	0.000740888	0	1.276E-15	2.45026E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.00051	0.001747
0.12185	0.000741279	0	1.276E-15	2.45022E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.00059	-0.00173
0.1219	0.000741671	0	1.276E-15	2.45018E-16	-1.3E-15	-2.5E-16	0.007832	0	0.000696	0.000145
0.12195	0.000742062	0	1.276E-15	2.45017E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.00146	-0.0003
0.122	0.000742454	0	1.276E-15	2.4502E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.00109	0.000776
0.12205	0.000742846	0	1.276E-15	2.45019E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.0009	-0.00061
0.1221	0.000743237	0	1.276E-15	2.4502E-16	-1.3E-15	-2.5E-16	0.007832	0	0.001702	0.000583
0.12215	0.000743629	0	1.274E-15	2.3406E-16	-1.3E-15	-2.5E-16	0.007832	0	-0.25989	-2.35225
0.1222	0.00074402	0	1.274E-15	2.34057E-16	-1.3E-15	-2.3E-16	0.007819	0	0.061707	1.189003
0.12225	0.000744411	0	1.274E-15	2.34056E-16	-1.3E-15	-2.4E-16	0.007822	0	0.113978	-0.5862
0.1223	0.000744802	0	1.274E-15	2.34053E-16	-1.3E-15	-2.3E-16	0.007828	0	-0.06044	0.292137
0.12235	0.000745194	0	1.274E-15	2.34056E-16	-1.3E-15	-2.3E-16	0.007825	0	-0.0427	-0.1443
0.1224	0.000745585	0	1.274E-15	2.34054E-16	-1.3E-15	-2.3E-16	0.007823	0	0.039608	0.071505
0.12245	0.000745976	0	1.274E-15	2.34052E-16	-1.3E-15	-2.3E-16	0.007825	0	0.010936	-0.03614
0.1225	0.000746367	0	1.274E-15	2.34052E-16	-1.3E-15	-2.3E-16	0.007825	0	-0.02426	0.018097
0.12255	0.000746758	0	1.274E-15	2.34052E-16	-1.3E-15	-2.3E-16	0.007824	0	0.000121	-0.00903
0.1226	0.00074715	0	1.274E-15	2.34048E-16	-1.3E-15	-2.3E-16	0.007824	0	0.011036	0.003543
0.12265	0.000747541	0	1.273E-15	2.33979E-16	-1.3E-15	-2.3E-16	0.007825	0	-0.01461	-0.01643
0.1227	0.000747932	0	1.109E-15	1.06741E-16	-1.3E-15	-2.3E-16	0.007824	0	-17.6297	-27.2959
0.12275	0.000748279	0	1.109E-15	1.06739E-16	-1E-15	-8.2E-17	0.006943	0	2.611859	5.249686
0.1228	0.000748633	0	1.109E-15	1.06739E-16	-1E-15	-1.1E-16	0.007073	0	8.647768	0.281816
0.12285	0.000749008	0	1.109E-15	1.06737E-16	-1.2E-15	-1.1E-16	0.007506	0	-2.40432	-0.00282
0.1229	0.000749377	0	1.109E-15	1.06738E-16	-1.1E-15	-1.1E-16	0.007385	0	-3.93611	0.000427
0.12295	0.000749737	0	1.109E-15	1.06736E-16	-1.1E-15	-1.1E-16	0.007189	0	1.698462	-0.0005
0.123	0.000750101	0	1.109E-15	1.06734E-16	-1.1E-15	-1.1E-16	0.007273	0	1.77334	-0.0004

0.12305	0.000750469	0	1.109E-15	1.06733E-16	-1.1E-15	-1.1E-16	0.007362	0	-1.08572	-0.00032
0.1231	0.000750834	0	1.109E-15	1.0673E-16	-1.1E-15	-1.1E-16	0.007308	0	-0.73924	-0.0005
0.12315	0.000751198	0	1.109E-15	1.06731E-16	-1.1E-15	-1.1E-16	0.007271	0	0.635614	3.46E-05
0.1232	0.000751563	0	1.109E-15	1.06728E-16	-1.1E-15	-1.1E-16	0.007303	0	0.289012	-0.00055
0.12325	0.000751929	0	1.109E-15	1.06733E-16	-1.1E-15	-1.1E-16	0.007317	0	-0.35759	0.001005
0.1233	0.000752294	0	1.109E-15	1.0673E-16	-1.1E-15	-1.1E-16	0.007299	0	-0.09871	-0.00067
0.12335	0.000752658	0	1.109E-15	1.0673E-16	-1.1E-15	-1.1E-16	0.007294	0	0.190318	2.94E-05
0.1234	0.000753023	0	1.109E-15	1.06727E-16	-1.1E-15	-1.1E-16	0.007304	0	0.024051	-0.00059
0.12345	0.000753389	0	1.109E-15	1.0673E-16	-1.1E-15	-1.1E-16	0.007305	0	-0.09894	0.000662
0.1235	0.000753754	0	1.109E-15	1.06723E-16	-1.1E-15	-1.1E-16	0.0073	0	0.000113	-0.00141
0.12355	0.000754119	0	1.109E-15	1.06725E-16	-1.1E-15	-1.1E-16	0.0073	0	0.048049	0.00044
0.1236	0.000754484	0	1.113E-15	1.21231E-16	-1.1E-15	-1.1E-16	0.007302	0	0.37945	3.112829
0.12365	0.00075485	0	1.113E-15	1.21232E-16	-1.1E-15	-1.2E-16	0.007321	0	-0.07587	-0.14245
0.1237	0.000755216	0	1.113E-15	1.21228E-16	-1.1E-15	-1.2E-16	0.007318	0	-0.18009	0.010375
0.12375	0.000755581	0	1.113E-15	1.21229E-16	-1.1E-15	-1.2E-16	0.007309	0	0.06014	-0.00051
0.1238	0.000755947	0	1.113E-15	1.21228E-16	-1.1E-15	-1.2E-16	0.007312	0	0.082066	-0.00027
0.12385	0.000756313	0	1.113E-15	1.21293E-16	-1.1E-15	-1.2E-16	0.007316	0	-0.02698	0.013995
0.1239	0.000756678	0	1.113E-15	1.21292E-16	-1.1E-15	-1.2E-16	0.007314	0	-0.03822	-0.00134
0.12395	0.000757044	0	1.113E-15	1.21289E-16	-1.1E-15	-1.2E-16	0.007312	0	0.017857	-0.00045
0.124	0.00075741	0	1.113E-15	1.21289E-16	-1.1E-15	-1.2E-16	0.007313	0	0.015515	-7.1E-05
0.12405	0.000757775	0	1.113E-15	1.21287E-16	-1.1E-15	-1.2E-16	0.007314	0	-0.01156	-0.00038
0.1241	0.000758141	0	1.113E-15	1.21287E-16	-1.1E-15	-1.2E-16	0.007314	0	-0.0074	7.6E-05
0.12415	0.000758507	0	1.113E-15	1.21286E-16	-1.1E-15	-1.2E-16	0.007313	0	0.00604	-0.00031
0.1242	0.000758872	0	1.113E-15	1.21287E-16	-1.1E-15	-1.2E-16	0.007314	0	0.001599	0.000229
0.12425	0.000759238	0	1.113E-15	1.21281E-16	-1.1E-15	-1.2E-16	0.007314	0	-0.0043	-0.00125
0.1243	0.000759604	0	1.113E-15	1.21279E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00098	-0.00027
0.12435	0.000759969	0	1.113E-15	1.21279E-16	-1.1E-15	-1.2E-16	0.007313	0	0.001258	4.64E-06
0.1244	0.000760335	0	1.113E-15	1.21277E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00016	-0.00042
0.12445	0.000760701	0	1.113E-15	1.21277E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00298	5.68E-05
0.1245	0.000761066	0	1.113E-15	1.21275E-16	-1.1E-15	-1.2E-16	0.007313	0	0.000498	-0.00046
0.12455	0.000761432	0	1.113E-15	1.21275E-16	-1.1E-15	-1.2E-16	0.007313	0	0.000209	-6.6E-05
0.1246	0.000761798	0	1.112E-15	1.21272E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00124	-0.00057
0.12465	0.000762163	0	1.112E-15	1.21272E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.0008	-1.4E-05

0.1247	0.000762529	0	1.112E-15	1.2127E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00043	-0.00037
0.12475	0.000762895	0	1.112E-15	1.2127E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00061	-5.5E-05
0.1248	0.00076326	0	1.112E-15	1.21274E-16	-1.1E-15	-1.2E-16	0.007313	0	-6.3E-05	0.00093
0.12485	0.000763626	0	1.112E-15	1.21356E-16	-1.1E-15	-1.2E-16	0.007313	0	0.000618	0.017482
0.1249	0.000763992	0	1.112E-15	1.21359E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00089	-0.00077
0.12495	0.000764357	0	1.112E-15	1.21355E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00072	-0.00063
0.125	0.000764723	0	1.112E-15	1.21353E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.00077	-0.00048
0.12505	0.000765089	0	1.112E-15	1.21621E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.02228	0.05766
0.1251	0.000765454	0	1.112E-15	1.21622E-16	-1.1E-15	-1.2E-16	0.007312	0	0.001766	-0.00443
0.12515	0.00076582	0	1.112E-15	1.2162E-16	-1.1E-15	-1.2E-16	0.007312	0	0.010228	-6.3E-05
0.1252	0.000766185	0	1.112E-15	1.2162E-16	-1.1E-15	-1.2E-16	0.007313	0	-0.0032	-5.5E-05
0.12525	0.000766551	0	1.112E-15	1.21615E-16	-1.1E-15	-1.2E-16	0.007312	0	-0.00538	-0.00103
0.1253	0.000766917	0	1.112E-15	1.21614E-16	-1.1E-15	-1.2E-16	0.007312	0	0.001038	-9E-05
0.12535	0.000767282	0	1.112E-15	1.21616E-16	-1.1E-15	-1.2E-16	0.007312	0	0.001934	0.000365
0.1254	0.000767648	0	1.112E-15	1.21611E-16	-1.1E-15	-1.2E-16	0.007312	0	-0.00198	-0.00115
0.12545	0.000768013	0	1.112E-15	1.21608E-16	-1.1E-15	-1.2E-16	0.007312	0	-0.00202	-0.00046
0.1255	0.000768379	0	1.112E-15	1.21608E-16	-1.1E-15	-1.2E-16	0.007312	0	0.000923	0.00011
0.12555	0.000768745	0	1.098E-15	1.19181E-16	-1.1E-15	-1.2E-16	0.007312	0	-1.46906	-0.52082
0.1256	0.000769107	0	1.098E-15	1.19177E-16	-1.1E-15	-1.2E-16	0.007239	0	0.180336	0.037378
0.12565	0.000769469	0	1.098E-15	1.19176E-16	-1.1E-15	-1.2E-16	0.007248	0	0.713018	-0.0028
0.1257	0.000769833	0	1.098E-15	1.19174E-16	-1.1E-15	-1.2E-16	0.007283	0	-0.17812	-0.00033
0.12575	0.000770197	0	1.098E-15	1.19175E-16	-1.1E-15	-1.2E-16	0.007274	0	-0.33489	0.000236
0.1258	0.00077056	0	1.098E-15	1.19171E-16	-1.1E-15	-1.2E-16	0.007258	0	0.128302	-0.00077
0.12585	0.000770923	0	1.098E-15	1.1917E-16	-1.1E-15	-1.2E-16	0.007264	0	0.151506	-0.00014
0.1259	0.000771287	0	1.098E-15	1.19168E-16	-1.1E-15	-1.2E-16	0.007272	0	-0.08344	-0.00044
0.12595	0.00077165	0	1.098E-15	1.19167E-16	-1.1E-15	-1.2E-16	0.007267	0	-0.06636	-0.00011
0.126	0.000772013	0	1.098E-15	1.19164E-16	-1.1E-15	-1.2E-16	0.007264	0	0.048148	-0.00072
0.12605	0.000772376	0	1.098E-15	1.19162E-16	-1.1E-15	-1.2E-16	0.007267	0	0.027145	-0.00032
0.1261	0.00077274	0	1.098E-15	1.1916E-16	-1.1E-15	-1.2E-16	0.007268	0	-0.0287	-0.0004
0.12615	0.000773103	0	1.098E-15	1.1916E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.01111	5.43E-05
0.1262	0.000773466	0	1.098E-15	1.1916E-16	-1.1E-15	-1.2E-16	0.007266	0	0.015682	-0.00018
0.12625	0.00077383	0	1.098E-15	1.19158E-16	-1.1E-15	-1.2E-16	0.007267	0	0.002532	-0.00031
0.1263	0.000774193	0	1.098E-15	1.19156E-16	-1.1E-15	-1.2E-16	0.007267	0	-0.00931	-0.00039

0.12635	0.000774556	0	1.098E-15	1.19152E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00087	-0.0009
0.1264	0.00077492	0	1.098E-15	1.19155E-16	-1.1E-15	-1.2E-16	0.007266	0	0.003427	0.000637
0.12645	0.000775283	0	1.098E-15	1.19148E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00048	-0.00137
0.1265	0.000775646	0	1.098E-15	1.19148E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00257	-1.1E-05
0.12655	0.00077601	0	1.098E-15	1.19148E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00061	-8.8E-05
0.1266	0.000776373	0	1.098E-15	1.19146E-16	-1.1E-15	-1.2E-16	0.007266	0	0.000679	-0.00035
0.12665	0.000776736	0	1.098E-15	1.19142E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00072	-0.00074
0.1267	0.0007771	0	1.098E-15	1.19138E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00142	-0.00088
0.12675	0.000777463	0	1.098E-15	1.19139E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00017	0.000234
0.1268	0.000777826	0	1.098E-15	1.1914E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00033	0.000184
0.12685	0.00077819	0	1.098E-15	1.19134E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00064	-0.00127
0.1269	0.000778553	0	1.098E-15	1.19137E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00123	0.000746
0.12695	0.000778916	0	1.098E-15	1.19134E-16	-1.1E-15	-1.2E-16	0.007266	0	0.000188	-0.00069
0.127	0.000779279	0	1.098E-15	1.19135E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.0005	0.000298
0.12705	0.000779643	0	1.098E-15	1.19122E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.001	-0.00279
0.1271	0.000780006	0	1.098E-15	1.19123E-16	-1.1E-15	-1.2E-16	0.007266	0	1.02E-05	0.000294
0.12715	0.000780369	0	1.098E-15	1.1912E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00056	-0.00064
0.1272	0.000780733	0	1.098E-15	1.19117E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00153	-0.00045
0.12725	0.000781096	0	1.098E-15	1.19114E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00019	-0.00074
0.1273	0.000781459	0	1.098E-15	1.1911E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00053	-0.00083
0.12735	0.000781823	0	1.098E-15	1.19112E-16	-1.1E-15	-1.2E-16	0.007266	0	0.000546	0.000471
0.1274	0.000782186	0	1.098E-15	1.19105E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00106	-0.00145
0.12745	0.000782549	0	1.098E-15	1.19104E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00175	-0.00024
0.1275	0.000782912	0	1.098E-15	1.19105E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00028	0.000417
0.12755	0.000783276	0	1.098E-15	1.19102E-16	-1.1E-15	-1.2E-16	0.007266	0	0.000414	-0.00085
0.1276	0.000783639	0	1.098E-15	1.191E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00109	-0.00025
0.12765	0.000784002	0	1.098E-15	1.191E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00096	-0.00011
0.1277	0.000784366	0	1.098E-15	1.19098E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00051	-0.00039
0.12775	0.000784729	0	1.098E-15	1.19095E-16	-1.1E-15	-1.2E-16	0.007266	0	-9.5E-05	-0.00059
0.1278	0.000785092	0	1.098E-15	1.19091E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.0015	-0.0007
0.12785	0.000785455	0	1.098E-15	1.1909E-16	-1.1E-15	-1.2E-16	0.007266	0	-0.00035	-0.00036
0.1279	0.000785819	0	1.087E-15	1.40344E-16	-1.1E-15	-1.2E-16	0.007266	0	-1.13382	4.561032
0.12795	0.000786179	0	1.087E-15	1.40342E-16	-1.1E-15	-1.4E-16	0.007209	0	0.128958	-0.54297

0.128	0.00078654	0	1.087E-15	1.40345E-16	-1.1E-15	-1.4E-16	0.007215	0	0.553327	0.089559
0.12805	0.000786902	0	1.087E-15	1.4034E-16	-1.1E-15	-1.4E-16	0.007243	0	-0.12879	-0.01527
0.1281	0.000787264	0	1.087E-15	1.40337E-16	-1.1E-15	-1.4E-16	0.007237	0	-0.26265	0.001874
0.12815	0.000787625	0	1.087E-15	1.40345E-16	-1.1E-15	-1.4E-16	0.007223	0	0.093536	0.00137
0.1282	0.000787987	0	1.087E-15	1.40339E-16	-1.1E-15	-1.4E-16	0.007228	0	0.119513	-0.00139
0.12825	0.000788348	0	1.087E-15	1.40339E-16	-1.1E-15	-1.4E-16	0.007234	0	-0.06112	0.00019
0.1283	0.00078871	0	1.087E-15	1.40336E-16	-1.1E-15	-1.4E-16	0.007231	0	-0.05366	-0.00065
0.12835	0.000789071	0	1.087E-15	1.40325E-16	-1.1E-15	-1.4E-16	0.007228	0	0.035796	-0.00241
0.1284	0.000789433	0	1.087E-15	1.40325E-16	-1.1E-15	-1.4E-16	0.00723	0	0.022157	0.000412
0.12845	0.000789794	0	1.087E-15	1.40309E-16	-1.1E-15	-1.4E-16	0.007231	0	-0.02131	-0.0034
0.1285	0.000790156	0	1.087E-15	1.40314E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.01094	0.001479
0.12855	0.000790517	0	1.087E-15	1.40308E-16	-1.1E-15	-1.4E-16	0.00723	0	0.011641	-0.00147
0.1286	0.000790879	0	1.087E-15	1.40312E-16	-1.1E-15	-1.4E-16	0.00723	0	0.00372	0.001015
0.12865	0.00079124	0	1.087E-15	1.40305E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00667	-0.00158
0.1287	0.000791602	0	1.087E-15	1.40303E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00266	-0.00023
0.12875	0.000791963	0	1.087E-15	1.403E-16	-1.1E-15	-1.4E-16	0.00723	0	0.002871	-0.00049
0.1288	0.000792325	0	1.087E-15	1.40295E-16	-1.1E-15	-1.4E-16	0.00723	0	9.92E-05	-0.00097
0.12885	0.000792686	0	1.087E-15	1.40297E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00308	0.000624
0.1289	0.000793048	0	1.087E-15	1.40296E-16	-1.1E-15	-1.4E-16	0.00723	0	0.000119	-0.00034
0.12895	0.000793409	0	1.087E-15	1.40296E-16	-1.1E-15	-1.4E-16	0.00723	0	0.000128	5.7E-05
0.129	0.000793771	0	1.087E-15	1.40295E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00055	-0.00022
0.12905	0.000794132	0	1.087E-15	1.40294E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00093	-0.00018
0.1291	0.000794494	0	1.087E-15	1.4029E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00061	-0.00097
0.12915	0.000794855	0	1.087E-15	1.40286E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00051	-0.00067
0.1292	0.000795217	0	1.087E-15	1.40287E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00082	0.000365
0.12925	0.000795578	0	1.087E-15	1.40281E-16	-1.1E-15	-1.4E-16	0.00723	0	-5.6E-05	-0.00129
0.1293	0.00079594	0	1.087E-15	1.40281E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00145	0.000242
0.12935	0.000796301	0	1.087E-15	1.40279E-16	-1.1E-15	-1.4E-16	0.00723	0	0.000262	-0.00046
0.1294	0.000796663	0	1.087E-15	1.40274E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.0005	-0.00107
0.12945	0.000797024	0	1.087E-15	1.40277E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00106	0.000698
0.1295	0.000797386	0	1.087E-15	1.40271E-16	-1.1E-15	-1.4E-16	0.00723	0	-0.00039	-0.00123
0.12955	0.000797747	0	1.087E-15	1.40269E-16	-1.1E-15	-1.4E-16	0.00723	0	9.14E-05	-0.00029
0.1296	0.000798109	0	1.094E-15	1.09537E-16	-1.1E-15	-1.4E-16	0.00723	0	0.773975	-6.59487

0.12965	0.000798472	0	1.094E-15	1.09534E-16	-1.1E-15	-1.1E-16	0.007268	0	-0.09174	0.563667
0.1297	0.000798835	0	1.094E-15	1.09528E-16	-1.1E-15	-1.1E-16	0.007264	0	-0.37594	-0.01169
0.12975	0.000799197	0	1.094E-15	1.09524E-16	-1.1E-15	-1.1E-16	0.007245	0	0.08977	-0.00057
0.1298	0.00079956	0	1.094E-15	1.09518E-16	-1.1E-15	-1.1E-16	0.007249	0	0.17557	-0.00124
0.12985	0.000799923	0	1.094E-15	1.0952E-16	-1.1E-15	-1.1E-16	0.007258	0	-0.06675	0.000443
0.1299	0.000800286	0	1.094E-15	1.09521E-16	-1.1E-15	-1.1E-16	0.007255	0	-0.07983	9.66E-05
0.12995	0.000800648	0	1.094E-15	1.09518E-16	-1.1E-15	-1.1E-16	0.007251	0	0.040953	-0.00064
0.13	0.000801011	0	1.094E-15	1.09411E-16	-1.1E-15	-1.1E-16	0.007253	0	0.023018	-0.02291
0.13005	0.000801373	0	1.094E-15	1.09408E-16	-1.1E-15	-1.1E-16	0.007254	0	-0.02393	3.37E-05
0.1301	0.000801736	0	1.094E-15	1.09401E-16	-1.1E-15	-1.1E-16	0.007253	0	-0.00993	-0.00166
0.13015	0.000802099	0	1.094E-15	1.09402E-16	-1.1E-15	-1.1E-16	0.007252	0	0.012249	0.000458
0.1302	0.000802461	0	1.094E-15	1.09399E-16	-1.1E-15	-1.1E-16	0.007253	0	0.003446	-0.00078
0.13025	0.000802824	0	1.094E-15	1.094E-16	-1.1E-15	-1.1E-16	0.007253	0	-0.00847	0.000174
0.1303	0.000803187	0	1.094E-15	1.09398E-16	-1.1E-15	-1.1E-16	0.007253	0	-0.00161	-0.00039
0.13035	0.000803549	0	1.094E-15	1.09314E-16	-1.1E-15	-1.1E-16	0.007253	0	-0.00597	-0.01806
0.1304	0.000803912	0	1.094E-15	1.09313E-16	-1.1E-15	-1.1E-16	0.007252	0	0.000562	0.000201
0.13045	0.000804275	0	1.094E-15	1.09307E-16	-1.1E-15	-1.1E-16	0.007252	0	0.001882	-0.00124
0.1305	0.000804637	0	1.094E-15	1.09309E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00121	0.000541
0.13055	0.000805	0	1.094E-15	1.09308E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00189	-0.00037
0.1306	0.000805362	0	1.094E-15	1.09302E-16	-1.1E-15	-1.1E-16	0.007252	0	-9.5E-05	-0.00113
0.13065	0.000805725	0	1.094E-15	1.09301E-16	-1.1E-15	-1.1E-16	0.007252	0	-3.8E-05	-0.00023
0.1307	0.000806088	0	1.094E-15	1.09298E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00062	-0.00054
0.13075	0.00080645	0	1.094E-15	1.09295E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00202	-0.00081
0.1308	0.000806813	0	1.094E-15	1.09294E-16	-1.1E-15	-1.1E-16	0.007252	0	0.000612	-0.00012
0.13085	0.000807175	0	1.094E-15	1.0929E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00076	-0.00075
0.1309	0.000807538	0	1.094E-15	1.09289E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.0011	-0.00027
0.13095	0.000807901	0	1.094E-15	1.09288E-16	-1.1E-15	-1.1E-16	0.007252	0	0.000403	-0.00026
0.131	0.000808263	0	1.094E-15	1.09283E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00018	-0.00113
0.13105	0.000808626	0	1.094E-15	1.09286E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00147	0.000725
0.1311	0.000808988	0	1.094E-15	1.09279E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00062	-0.00153
0.13115	0.000809351	0	1.094E-15	1.09269E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00151	-0.002
0.1312	0.000809714	0	1.094E-15	1.09269E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00025	-0.00012
0.13125	0.000810076	0	1.094E-15	1.09266E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00044	-0.0005

0.1313	0.000810439	0	1.094E-15	1.09264E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00058	-0.00046
0.13135	0.000810801	0	1.094E-15	1.09259E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00063	-0.001
0.1314	0.000811164	0	1.094E-15	1.09261E-16	-1.1E-15	-1.1E-16	0.007252	0	3.1E-05	0.000364
0.13145	0.000811527	0	1.094E-15	1.09262E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00031	0.000154
0.1315	0.000811889	0	1.094E-15	1.09253E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00136	-0.00184
0.13155	0.000812252	0	1.094E-15	1.09254E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00158	0.000222
0.1316	0.000812614	0	1.094E-15	1.09249E-16	-1.1E-15	-1.1E-16	0.007252	0	0.000655	-0.00098
0.13165	0.000812977	0	1.094E-15	1.09248E-16	-1.1E-15	-1.1E-16	0.007252	0	0.000351	-0.00022
0.1317	0.00081334	0	1.094E-15	1.09139E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00656	-0.02343
0.13175	0.000813702	0	1.094E-15	1.09138E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00062	0.000247
0.1318	0.000814065	0	1.094E-15	1.09137E-16	-1.1E-15	-1.1E-16	0.007251	0	0.002362	-9.7E-05
0.13185	0.000814427	0	1.094E-15	1.09134E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00101	-0.0008
0.1319	0.00081479	0	1.094E-15	1.09129E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00172	-0.00098
0.13195	0.000815152	0	1.094E-15	1.09128E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00015	-0.00028
0.132	0.000815515	0	1.094E-15	1.09125E-16	-1.1E-15	-1.1E-16	0.007251	0	6.49E-05	-0.00058
0.13205	0.000815878	0	1.094E-15	1.09126E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00052	0.000307
0.1321	0.00081624	0	1.094E-15	1.09124E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00086	-0.00056
0.13215	0.000816603	0	1.094E-15	1.09118E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00042	-0.00128
0.1322	0.000816965	0	1.094E-15	1.09041E-16	-1.1E-15	-1.1E-16	0.007251	0	0.010091	-0.01636
0.13225	0.000817328	0	1.094E-15	1.09038E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00137	-0.0003
0.1323	0.00081769	0	1.094E-15	1.09037E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00632	-0.00014
0.13235	0.000818053	0	1.094E-15	1.09039E-16	-1.1E-15	-1.1E-16	0.007251	0	0.000286	0.000386
0.1324	0.000818416	0	1.094E-15	1.0904E-16	-1.1E-15	-1.1E-16	0.007251	0	0.00254	0.000189
0.13245	0.000818778	0	1.094E-15	1.09037E-16	-1.1E-15	-1.1E-16	0.007252	0	-0.00108	-0.00073
0.1325	0.000819141	0	1.094E-15	1.09033E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00266	-0.00078
0.13255	0.000819503	0	1.094E-15	1.09032E-16	-1.1E-15	-1.1E-16	0.007251	0	0.000259	-0.00013
0.1326	0.000819866	0	1.094E-15	1.09029E-16	-1.1E-15	-1.1E-16	0.007251	0	0.000668	-0.00073
0.13265	0.000820228	0	1.094E-15	1.09023E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00143	-0.00123
0.1327	0.000820591	0	1.094E-15	1.09025E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00145	0.000493
0.13275	0.000820954	0	1.094E-15	1.09023E-16	-1.1E-15	-1.1E-16	0.007251	0	0.000159	-0.00061
0.1328	0.000821316	0	1.094E-15	1.09019E-16	-1.1E-15	-1.1E-16	0.007251	0	0.000558	-0.00073
0.13285	0.000821679	0	1.094E-15	1.09016E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00221	-0.00056
0.1329	0.000822041	0	1.094E-15	1.09015E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00034	-0.00027

0.13295	0.000822404	0	1.094E-15	1.09016E-16	-1.1E-15	-1.1E-16	0.007251	0	1.44E-05	0.000104
0.133	0.000822766	0	1.094E-15	1.09014E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00029	-0.00031
0.13305	0.000823129	0	1.094E-15	1.09014E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00084	-0.00011
0.1331	0.000823491	0	1.094E-15	1.09008E-16	-1.1E-15	-1.1E-16	0.007251	0	-0.00155	-0.00116
0.13315	0.000823854	0	1.095E-15	1.15925E-16	-1.1E-15	-1.1E-16	0.007251	0	0.092298	1.484332
0.1332	0.000824217	0	1.095E-15	1.15925E-16	-1.1E-15	-1.2E-16	0.007256	0	-0.01151	-0.05703
0.13325	0.00082458	0	1.095E-15	1.16077E-16	-1.1E-15	-1.2E-16	0.007255	0	-0.03685	0.035778
0.1333	0.000824942	0	1.095E-15	1.16079E-16	-1.1E-15	-1.2E-16	0.007253	0	0.010018	-0.0015
0.13335	0.000825305	0	1.095E-15	1.16076E-16	-1.1E-15	-1.2E-16	0.007254	0	0.01571	-0.00064
0.1334	0.000825668	0	1.087E-15	1.2546E-16	-1.1E-15	-1.2E-16	0.007254	0	-0.80176	2.013723
0.13345	0.000826028	0	1.087E-15	1.25455E-16	-1.1E-15	-1.3E-16	0.007214	0	0.083482	-0.15585
0.1335	0.000826389	0	1.087E-15	1.25452E-16	-1.1E-15	-1.3E-16	0.007219	0	0.39122	0.014619
0.13355	0.000826751	0	1.087E-15	1.25453E-16	-1.1E-15	-1.3E-16	0.007238	0	-0.08722	-0.00137
0.1336	0.000827113	0	1.087E-15	1.25451E-16	-1.1E-15	-1.3E-16	0.007234	0	-0.18591	-0.00025
0.13365	0.000827474	0	1.087E-15	1.25449E-16	-1.1E-15	-1.3E-16	0.007224	0	0.06292	-0.00042
0.1337	0.000827835	0	1.087E-15	1.2545E-16	-1.1E-15	-1.3E-16	0.007228	0	0.08496	0.000318
0.13375	0.000828197	0	1.087E-15	1.25741E-16	-1.1E-15	-1.3E-16	0.007232	0	-0.02234	0.062354
0.1338	0.000828559	0	1.087E-15	1.25738E-16	-1.1E-15	-1.3E-16	0.007231	0	-0.04099	-0.00659
0.13385	0.00082892	0	1.087E-15	1.25736E-16	-1.1E-15	-1.3E-16	0.007229	0	0.014579	0.000279
0.1339	0.000829282	0	1.087E-15	1.25734E-16	-1.1E-15	-1.3E-16	0.007229	0	0.018171	-0.00061
0.13395	0.000829643	0	1.087E-15	1.25734E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.01045	0.000137
0.134	0.000830005	0	1.087E-15	1.25734E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.00907	-2.2E-05
0.13405	0.000830366	0	1.087E-15	1.25732E-16	-1.1E-15	-1.3E-16	0.007229	0	0.005667	-0.00048
0.1341	0.000830727	0	1.087E-15	1.25729E-16	-1.1E-15	-1.3E-16	0.00723	0	0.003264	-0.00055
0.13415	0.000831089	0	1.087E-15	1.25728E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.00516	-8.4E-05
0.1342	0.00083145	0	1.087E-15	1.25732E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.00151	0.000708
0.13425	0.000831812	0	1.087E-15	1.2573E-16	-1.1E-15	-1.3E-16	0.007229	0	0.001992	-0.00051
0.1343	0.000832173	0	1.087E-15	1.25724E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.00098	-0.00105
0.13435	0.000832535	0	1.087E-15	1.25723E-16	-1.1E-15	-1.3E-16	0.00723	0	-0.00156	-0.00016
0.1344	0.000832896	0	1.087E-15	1.25722E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00022	-0.00034
0.13445	0.000833258	0	1.087E-15	1.25722E-16	-1.1E-15	-1.3E-16	0.007229	0	0.000314	0.000173
0.1345	0.000833619	0	1.087E-15	1.25717E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00058	-0.00114
0.13455	0.000833981	0	1.087E-15	1.25714E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00142	-0.00051

0.1346	0.000834342	0	1.087E-15	1.25712E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00065	-0.00037
0.13465	0.000834704	0	1.087E-15	1.25716E-16	-1.1E-15	-1.3E-16	0.007229	0	0.0001	0.000845
0.1347	0.000835065	0	1.087E-15	1.25708E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00066	-0.00177
0.13475	0.000835427	0	1.087E-15	1.2571E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00089	0.000589
0.1348	0.000835788	0	1.087E-15	1.25708E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00034	-0.00057
0.13485	0.00083615	0	1.087E-15	1.25704E-16	-1.1E-15	-1.3E-16	0.007229	0	-0.00118	-0.00074
0.1349	0.000836511	0	1.087E-15	1.25703E-16	-1.1E-15	-1.3E-16	0.007229	0	-9.7E-05	-0.0002
0.13495	0.000836872	0	1.087E-15	1.25702E-16	-1.1E-15	-1.3E-16	0.007229	0	3.29E-05	-6.1E-05
0.135	0.000837234	0	1.091E-15	1.23713E-16	-1.1E-15	-1.3E-16	0.007229	0	0.444644	-0.42695
0.13505	0.000837597	0	1.091E-15	1.23713E-16	-1.1E-15	-1.2E-16	0.007251	0	-0.05272	0.039587
0.1351	0.000837959	0	1.091E-15	1.23713E-16	-1.1E-15	-1.2E-16	0.007249	0	-0.21773	-0.0035
0.13515	0.000838321	0	1.091E-15	1.23711E-16	-1.1E-15	-1.2E-16	0.007238	0	0.051221	-0.00016
0.1352	0.000838683	0	1.091E-15	1.23709E-16	-1.1E-15	-1.2E-16	0.00724	0	0.101859	-0.00028
0.13525	0.000839045	0	1.091E-15	1.23703E-16	-1.1E-15	-1.2E-16	0.007246	0	-0.03788	-0.00133
0.1353	0.000839407	0	1.091E-15	1.23707E-16	-1.1E-15	-1.2E-16	0.007244	0	-0.04771	0.000996
0.13535	0.000839769	0	1.091E-15	1.23702E-16	-1.1E-15	-1.2E-16	0.007241	0	0.023879	-0.0011
0.1354	0.000840132	0	1.091E-15	1.23702E-16	-1.1E-15	-1.2E-16	0.007242	0	0.019765	9.25E-05
0.13545	0.000840494	0	1.091E-15	1.23702E-16	-1.1E-15	-1.2E-16	0.007243	0	-0.01528	-0.00016
0.1355	0.000840856	0	1.091E-15	1.23697E-16	-1.1E-15	-1.2E-16	0.007243	0	-0.0092	-0.0011
0.13555	0.000841218	0	1.091E-15	1.23697E-16	-1.1E-15	-1.2E-16	0.007242	0	0.008175	0.000239
0.1356	0.00084158	0	1.091E-15	1.23692E-16	-1.1E-15	-1.2E-16	0.007243	0	0.00245	-0.00109
0.13565	0.000841942	0	1.091E-15	1.23689E-16	-1.1E-15	-1.2E-16	0.007243	0	-0.00589	-0.00051
0.1357	0.000842304	0	1.091E-15	1.23688E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00046	-0.00033
0.13575	0.000842666	0	1.091E-15	1.23688E-16	-1.1E-15	-1.2E-16	0.007242	0	0.001607	0.000155
0.1358	0.000843029	0	1.091E-15	1.23686E-16	-1.1E-15	-1.2E-16	0.007243	0	-0.00145	-0.00052
0.13585	0.000843391	0	1.091E-15	1.23686E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00131	0.000162
0.1359	0.000843753	0	1.091E-15	1.23684E-16	-1.1E-15	-1.2E-16	0.007242	0	0.00066	-0.00057
0.13595	0.000844115	0	1.091E-15	1.23684E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00101	8.79E-07
0.136	0.000844477	0	1.091E-15	1.23681E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00058	-0.00051
0.13605	0.000844839	0	1.091E-15	1.23679E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00032	-0.0005
0.1361	0.000845201	0	1.091E-15	1.23679E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00075	9.36E-05
0.13615	0.000845563	0	1.091E-15	1.23676E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00096	-0.00062
0.1362	0.000845926	0	1.091E-15	1.23673E-16	-1.1E-15	-1.2E-16	0.007242	0	7.92E-05	-0.00066

0.13625	0.000846288	0	1.091E-15	1.23672E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00123	-7.7E-05
0.1363	0.00084665	0	1.091E-15	1.23674E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00077	0.000348
0.13635	0.000847012	0	1.091E-15	1.23669E-16	-1.1E-15	-1.2E-16	0.007242	0	-0.00011	-0.00106
0.1364	0.000847374	0	1.097E-15	1.15331E-16	-1.1E-15	-1.2E-16	0.007242	0	0.607527	-1.78913
0.13645	0.000847738	0	1.097E-15	1.15329E-16	-1.1E-15	-1.1E-16	0.007273	0	-0.07311	0.121998
0.1365	0.000848101	0	1.097E-15	1.15329E-16	-1.1E-15	-1.2E-16	0.007269	0	-0.29589	-0.00601
0.13655	0.000848464	0	1.097E-15	1.15327E-16	-1.1E-15	-1.2E-16	0.007254	0	0.070964	-0.00017
0.1366	0.000848827	0	1.097E-15	1.1534E-16	-1.1E-15	-1.2E-16	0.007258	0	0.140696	0.002727
0.13665	0.00084919	0	1.097E-15	1.15341E-16	-1.1E-15	-1.2E-16	0.007265	0	-0.05393	0.000166
0.1367	0.000849553	0	1.097E-15	1.15336E-16	-1.1E-15	-1.2E-16	0.007262	0	-0.06481	-0.00106
0.13675	0.000849916	0	1.097E-15	1.15335E-16	-1.1E-15	-1.2E-16	0.007259	0	0.033619	-0.00026
0.1368	0.000850279	0	1.097E-15	1.15333E-16	-1.1E-15	-1.2E-16	0.00726	0	0.027993	-0.00032
0.13685	0.000850642	0	1.097E-15	1.15333E-16	-1.1E-15	-1.2E-16	0.007262	0	-0.02132	-7.3E-05
0.1369	0.000851005	0	1.097E-15	1.15332E-16	-1.1E-15	-1.2E-16	0.007261	0	-0.01245	-0.00012
0.13695	0.000851368	0	1.097E-15	1.1533E-16	-1.1E-15	-1.2E-16	0.00726	0	0.011736	-0.00059
0.137	0.000851731	0	1.097E-15	1.15328E-16	-1.1E-15	-1.2E-16	0.007261	0	0.003682	-0.00024
0.13705	0.000852094	0	1.097E-15	1.15326E-16	-1.1E-15	-1.2E-16	0.007261	0	-0.0068	-0.00043
0.1371	0.000852457	0	1.097E-15	1.15323E-16	-1.1E-15	-1.2E-16	0.007261	0	-0.00252	-0.00058
0.13715	0.00085282	0	1.097E-15	1.15324E-16	-1.1E-15	-1.2E-16	0.00726	0	0.003537	0.00019
0.1372	0.000853183	0	1.097E-15	1.15321E-16	-1.1E-15	-1.2E-16	0.007261	0	-3.9E-05	-0.00077
0.13725	0.000853546	0	1.097E-15	1.15319E-16	-1.1E-15	-1.2E-16	0.007261	0	-0.00358	-0.00031
0.1373	0.000853909	0	1.097E-15	1.1532E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000994	0.000202
0.13735	0.000854272	0	1.096E-15	1.15319E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00033	-0.00027
0.1374	0.000854635	0	1.096E-15	1.15314E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00123	-0.00106
0.13745	0.000854998	0	1.096E-15	1.15313E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00017	-7.2E-05
0.1375	0.000855361	0	1.096E-15	1.15314E-16	-1.1E-15	-1.2E-16	0.00726	0	2.96E-06	0.000195
0.13755	0.000855724	0	1.096E-15	1.15309E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.0013	-0.00119
0.1376	0.000856087	0	1.096E-15	1.1531E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00066	0.000399
0.13765	0.00085645	0	1.096E-15	1.15311E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00095	0.000247
0.1377	0.000856813	0	1.096E-15	1.15308E-16	-1.1E-15	-1.2E-16	0.00726	0	0.0002	-0.00064
0.13775	0.000857176	0	1.096E-15	1.15308E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00085	-2.7E-05
0.1378	0.000857539	0	1.096E-15	1.15303E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00054	-0.00109
0.13785	0.000857902	0	1.096E-15	1.15299E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00119	-0.00075

0.1379	0.000858265	0	1.096E-15	1.15297E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00096	-0.0005
0.13795	0.000858628	0	1.096E-15	1.15305E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000327	0.001738
0.138	0.000858991	0	1.096E-15	1.15299E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000167	-0.00129
0.13805	0.000859354	0	1.096E-15	1.15297E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00122	-0.00032
0.1381	0.000859717	0	1.096E-15	1.15288E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00217	-0.002
0.13815	0.00086008	0	1.096E-15	1.15286E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000502	-0.00023
0.1382	0.000860443	0	1.096E-15	1.15285E-16	-1.1E-15	-1.2E-16	0.00726	0	6.52E-05	-0.00031
0.13825	0.000860806	0	1.096E-15	1.15288E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00403	0.000744
0.1383	0.000861169	0	1.096E-15	1.15285E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00013	-0.00082
0.13835	0.000861532	0	1.096E-15	1.15399E-16	-1.1E-15	-1.2E-16	0.00726	0	0.009324	0.02462
0.1384	0.000861895	0	1.096E-15	1.15393E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00233	-0.00251
0.13845	0.000862258	0	1.096E-15	1.15393E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00494	8.21E-05
0.1385	0.000862621	0	1.096E-15	1.1539E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000834	-0.00063
0.13855	0.000862984	0	1.096E-15	1.15388E-16	-1.1E-15	-1.2E-16	0.00726	0	0.001931	-0.00043
0.1386	0.000863347	0	1.096E-15	1.1539E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00183	0.000388
0.13865	0.00086371	0	1.096E-15	1.15388E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00211	-0.00031
0.1387	0.000864073	0	1.096E-15	1.15385E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000292	-0.00083
0.13875	0.000864436	0	1.096E-15	1.15384E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000326	-7E-05
0.1388	0.000864799	0	1.096E-15	1.15383E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.0006	-0.00018
0.13885	0.000865162	0	1.096E-15	1.1538E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00202	-0.00063
0.1389	0.000865525	0	1.096E-15	1.15345E-16	-1.1E-15	-1.2E-16	0.00726	0	0.005226	-0.00742
0.13895	0.000865888	0	1.096E-15	1.15345E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00064	0.000378
0.139	0.000866251	0	1.096E-15	1.15348E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00371	0.000447
0.13905	0.000866614	0	1.096E-15	1.15348E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000147	2.79E-05
0.1391	0.000866977	0	1.096E-15	1.15345E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000823	-0.00051
0.13915	0.00086734	0	1.096E-15	1.1534E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.0009	-0.00118
0.1392	0.000867703	0	1.096E-15	1.15341E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00122	0.000357
0.13925	0.000868066	0	1.096E-15	1.15337E-16	-1.1E-15	-1.2E-16	0.00726	0	0.000127	-0.00094
0.1393	0.000868429	0	1.096E-15	1.15335E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00066	-0.00035
0.13935	0.000868792	0	1.096E-15	1.15336E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00115	0.00029
0.1394	0.000869155	0	1.096E-15	1.15333E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00014	-0.00063
0.13945	0.000869518	0	1.096E-15	1.15331E-16	-1.1E-15	-1.2E-16	0.00726	0	-2.2E-05	-0.00047
0.1395	0.000869881	0	1.096E-15	1.15331E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.00073	-2.1E-06

0.13955	0.000870244	0	1.096E-15	1.15333E-16	-1.1E-15	-1.2E-16	0.00726	0	-0.0013	0.000403
0.1396	0.000870607	0	1.096E-15	1.1533E-16	-1.1E-15	-1.2E-16	0.007259	0	-2E-05	-0.00064
0.13965	0.00087097	0	1.096E-15	1.15323E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00104	-0.00138
0.1397	0.000871333	0	1.096E-15	1.15325E-16	-1.1E-15	-1.2E-16	0.007259	0	0.000493	0.000513
0.13975	0.000871696	0	1.096E-15	1.15364E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00377	0.008186
0.1398	0.000872059	0	1.096E-15	1.15363E-16	-1.1E-15	-1.2E-16	0.007259	0	-5.3E-05	-0.00059
0.13985	0.000872422	0	1.096E-15	1.1536E-16	-1.1E-15	-1.2E-16	0.007259	0	0.000799	-0.00058
0.1399	0.000872785	0	1.096E-15	1.1536E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00096	3.28E-05
0.13995	0.000873148	0	1.096E-15	1.15358E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00181	-0.00052
0.14	0.000873511	0	1.096E-15	1.15355E-16	-1.1E-15	-1.2E-16	0.007259	0	3.24E-05	-0.00063
0.14005	0.000873874	0	1.096E-15	1.15355E-16	-1.1E-15	-1.2E-16	0.007259	0	0.00039	3.47E-05
0.1401	0.000874237	0	1.096E-15	1.15355E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00097	6.61E-05
0.14015	0.0008746	0	1.096E-15	1.15353E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00077	-0.00051
0.1402	0.000874963	0	1.096E-15	1.15347E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00078	-0.00125
0.14025	0.000875326	0	1.096E-15	1.15345E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00098	-0.00024
0.1403	0.000875689	0	1.096E-15	1.15346E-16	-1.1E-15	-1.2E-16	0.007259	0	0.000321	0.000279
0.14035	0.000876051	0	1.096E-15	1.15347E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00104	9.24E-05
0.1404	0.000876414	0	1.096E-15	1.15339E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00051	-0.00174
0.14045	0.000876777	0	1.096E-15	1.1534E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00079	0.000225
0.1405	0.00087714	0	1.096E-15	1.1534E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00025	0.00015
0.14055	0.000877503	0	1.096E-15	1.15337E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00028	-0.00075
0.1406	0.000877866	0	1.096E-15	1.15322E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00089	-0.00322
0.14065	0.000878229	0	1.096E-15	1.15317E-16	-1.1E-15	-1.2E-16	0.007259	0	0.000127	-0.00074
0.1407	0.000878592	0	1.096E-15	1.15315E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.0012	-0.00056
0.14075	0.000878955	0	1.096E-15	1.15319E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00026	0.001016
0.1408	0.000879318	0	1.096E-15	1.15314E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00052	-0.00127
0.14085	0.000879681	0	1.096E-15	1.15313E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.0013	-0.00014
0.1409	0.000880044	0	1.096E-15	1.15313E-16	-1.1E-15	-1.2E-16	0.007259	0	1.61E-05	6.44E-05
0.14095	0.000880407	0	1.096E-15	1.15312E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00094	-0.00017
0.141	0.00088077	0	1.096E-15	1.15307E-16	-1.1E-15	-1.2E-16	0.007259	0	0.000104	-0.001
0.14105	0.000881133	0	1.096E-15	1.1531E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00131	0.000701
0.1411	0.000881496	0	1.096E-15	1.15307E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00012	-0.00085
0.14115	0.000881858	0	1.096E-15	1.15312E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.0004	0.001129

0.1412	0.000882221	0	1.096E-15	1.15308E-16	-1.1E-15	-1.2E-16	0.007259	0	-0.00098	-0.00076
0.14125	0.000882584	0	1.096E-15	1.15303E-16	-1.1E-15	-1.2E-16	0.007258	0	-0.00033	-0.00106
0.1413	0.000882947	0	1.096E-15	1.15302E-16	-1.1E-15	-1.2E-16	0.007258	0	-0.00015	-0.00024
0.14135	0.00088331	0	1.096E-15	1.15305E-16	-1.1E-15	-1.2E-16	0.007258	0	-0.00205	0.000703
0.1414	0.000883673	0	1.096E-15	1.15303E-16	-1.1E-15	-1.2E-16	0.007258	0	0.000829	-0.00043
0.14145	0.000884036	0	1.096E-15	1.15302E-16	-1.1E-15	-1.2E-16	0.007258	0	-0.00068	-0.00032
0.1415	0.000884399	0	1.094E-15	1.1604E-16	-1.1E-15	-1.2E-16	0.007258	0	-0.16174	0.158452
0.14155	0.000884761	0	1.094E-15	1.16038E-16	-1.1E-15	-1.2E-16	0.00725	0	0.01845	-0.00889
0.1416	0.000885124	0	1.094E-15	1.16037E-16	-1.1E-15	-1.2E-16	0.007251	0	0.078124	0.000267
0.14165	0.000885487	0	1.094E-15	1.16037E-16	-1.1E-15	-1.2E-16	0.007255	0	-0.01967	1.18E-05
0.1417	0.000885849	0	1.094E-15	1.16033E-16	-1.1E-15	-1.2E-16	0.007254	0	-0.03781	-0.00082
0.14175	0.000886212	0	1.094E-15	1.1603E-16	-1.1E-15	-1.2E-16	0.007252	0	0.014344	-0.00055
0.1418	0.000886575	0	1.094E-15	1.16029E-16	-1.1E-15	-1.2E-16	0.007253	0	0.015398	-0.00023
0.14185	0.000886937	0	1.094E-15	1.16027E-16	-1.1E-15	-1.2E-16	0.007254	0	-0.00972	-0.00029
0.1419	0.0008873	0	1.094E-15	1.16024E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00713	-0.00068
0.14195	0.000887663	0	1.094E-15	1.16022E-16	-1.1E-15	-1.2E-16	0.007253	0	0.004043	-0.0004
0.142	0.000888025	0	1.094E-15	1.16024E-16	-1.1E-15	-1.2E-16	0.007253	0	0.002351	0.000414
0.14205	0.000888388	0	1.094E-15	1.16024E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00217	-7.9E-05
0.1421	0.000888751	0	1.094E-15	1.16021E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00283	-0.00066
0.14215	0.000889113	0	1.094E-15	1.16033E-16	-1.1E-15	-1.2E-16	0.007253	0	0.001149	0.002659
0.1422	0.000889476	0	1.094E-15	1.16037E-16	-1.1E-15	-1.2E-16	0.007253	0	0.000158	0.000819
0.14225	0.000889839	0	1.094E-15	1.16031E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00113	-0.00141
0.1423	0.000890201	0	1.094E-15	1.16032E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00074	0.000245
0.14235	0.000890564	0	1.094E-15	1.16027E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00063	-0.00102
0.1424	0.000890927	0	1.094E-15	1.16028E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00026	0.000143
0.14245	0.000891289	0	1.094E-15	1.16029E-16	-1.1E-15	-1.2E-16	0.007253	0	-0.00048	0.000306
0.1425	0.000891652	0	1.101E-15	1.87851E-16	-1.1E-15	-1.2E-16	0.007253	0	0.719129	15.41242
0.14255	0.000892016	0	1.101E-15	1.8785E-16	-1.1E-15	-2E-16	0.007289	0	-0.08936	-3.48685
0.1426	0.00089238	0	1.101E-15	1.8789E-16	-1.1E-15	-1.8E-16	0.007284	0	-0.35	1.261419
0.14265	0.000892744	0	1.101E-15	1.87899E-16	-1.1E-15	-1.9E-16	0.007267	0	0.087136	-0.41996
0.1427	0.000893107	0	1.101E-15	1.879E-16	-1.1E-15	-1.9E-16	0.007271	0	0.163563	0.144526
0.14275	0.000893471	0	1.101E-15	1.87894E-16	-1.1E-15	-1.9E-16	0.007279	0	-0.06515	-0.05043
0.1428	0.000893835	0	1.101E-15	1.87892E-16	-1.1E-15	-1.9E-16	0.007276	0	-0.07392	0.016647

0.14285	0.000894199	0	1.101E-15	1.87891E-16	-1.1E-15	-1.9E-16	0.007272	0	0.040363	-0.00575
0.1429	0.000894563	0	1.101E-15	1.87876E-16	-1.1E-15	-1.9E-16	0.007274	0	0.035051	-0.00139
0.14295	0.000894926	0	1.101E-15	1.87879E-16	-1.1E-15	-1.9E-16	0.007276	0	-0.02484	0.001182
0.143	0.00089529	0	1.101E-15	1.87848E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.01423	-0.00704
0.14305	0.000895654	0	1.101E-15	1.87847E-16	-1.1E-15	-1.9E-16	0.007274	0	0.014015	0.002226
0.1431	0.000896018	0	1.101E-15	1.87849E-16	-1.1E-15	-1.9E-16	0.007275	0	0.00414	-0.0005
0.14315	0.000896381	0	1.101E-15	1.87864E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00971	0.003471
0.1432	0.000896745	0	1.101E-15	1.87861E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00166	-0.00179
0.14325	0.000897109	0	1.101E-15	1.87859E-16	-1.1E-15	-1.9E-16	0.007275	0	0.003875	7.82E-05
0.1433	0.000897472	0	1.101E-15	1.87857E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00023	-0.00032
0.14335	0.000897836	0	1.101E-15	1.87857E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00307	3.7E-05
0.1434	0.0008982	0	1.101E-15	1.87853E-16	-1.1E-15	-1.9E-16	0.007275	0	0.00015	-0.00074
0.14345	0.000898564	0	1.101E-15	1.87849E-16	-1.1E-15	-1.9E-16	0.007275	0	-8.3E-05	-0.00066
0.1435	0.000898927	0	1.101E-15	1.87851E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00143	0.000657
0.14355	0.000899291	0	1.101E-15	1.87851E-16	-1.1E-15	-1.9E-16	0.007275	0	5.36E-05	-0.00033
0.1436	0.000899655	0	1.101E-15	1.8785E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00052	-0.00012
0.14365	0.000900019	0	1.101E-15	1.8785E-16	-1.1E-15	-1.9E-16	0.007275	0	-0.00117	6.17E-05
0.1437	0.000900382	0	1.101E-15	1.87843E-16	-1.1E-15	-1.9E-16	0.007274	0	-5E-05	-0.00142
0.14375	0.000900746	0	1.101E-15	1.87843E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00052	0.000515
0.1438	0.00090111	0	1.101E-15	1.87843E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00096	-0.00033
0.14385	0.000901473	0	1.101E-15	1.87841E-16	-1.1E-15	-1.9E-16	0.007274	0	-7.7E-05	-0.00016
0.1439	0.000901837	0	1.101E-15	1.87841E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00034	4.86E-05
0.14395	0.000902201	0	1.101E-15	1.8784E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00094	-0.00032
0.144	0.000902565	0	1.101E-15	1.87836E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00084	-0.00075
0.14405	0.000902928	0	1.101E-15	1.87834E-16	-1.1E-15	-1.9E-16	0.007274	0	0.000448	-9.2E-05
0.1441	0.000903292	0	1.101E-15	1.87836E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00166	0.000364
0.14415	0.000903656	0	1.101E-15	1.87834E-16	-1.1E-15	-1.9E-16	0.007274	0	0.001051	-0.00043
0.1442	0.000904019	0	1.101E-15	1.87834E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00141	-1E-05
0.14425	0.000904383	0	1.101E-15	1.87834E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00104	-9.5E-06
0.1443	0.000904747	0	1.101E-15	1.87834E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00059	9.44E-06
0.14435	0.000905111	0	1.101E-15	1.87831E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00025	-0.00055
0.1444	0.000905474	0	1.101E-15	1.87829E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00026	-0.00033
0.14445	0.000905838	0	1.101E-15	1.88197E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00562	0.079152

0.1445	0.000906202	0	1.101E-15	1.88195E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00037	-0.02745
0.14455	0.000906565	0	1.101E-15	1.88195E-16	-1.1E-15	-1.9E-16	0.007274	0	0.001382	0.009417
0.1446	0.000906929	0	1.101E-15	1.88196E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00034	-0.003
0.14465	0.000907293	0	1.101E-15	1.8819E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00193	-0.00033
0.1447	0.000907656	0	1.101E-15	1.8819E-16	-1.1E-15	-1.9E-16	0.007274	0	6.34E-05	8.37E-05
0.14475	0.00090802	0	1.101E-15	1.88192E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00017	0.000422
0.1448	0.000908384	0	1.101E-15	1.88192E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00083	-0.00024
0.14485	0.000908748	0	1.1E-15	1.88184E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00113	-0.0016
0.1449	0.000909111	0	1.1E-15	1.88185E-16	-1.1E-15	-1.9E-16	0.007274	0	0.000196	0.000848
0.14495	0.000909475	0	1.1E-15	1.88185E-16	-1.1E-15	-1.9E-16	0.007274	0	0.000222	-0.00033
0.145	0.000909839	0	1.1E-15	1.88182E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00238	-0.00061
0.14505	0.000910202	0	1.1E-15	1.8818E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00016	-0.0002
0.1451	0.000910566	0	1.1E-15	1.88182E-16	-1.1E-15	-1.9E-16	0.007274	0	0.000216	0.00051
0.14515	0.00091093	0	1.1E-15	1.88179E-16	-1.1E-15	-1.9E-16	0.007274	0	-0.00142	-0.00075
0.1452	0.000911293	0	1.1E-15	1.88175E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.0007	-0.00066
0.14525	0.000911657	0	1.1E-15	1.88173E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000195	-7.4E-05
0.1453	0.000912021	0	1.1E-15	1.88168E-16	-1.1E-15	-1.9E-16	0.007273	0	-6.5E-05	-0.00107
0.14535	0.000912384	0	1.1E-15	1.88214E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00164	0.010149
0.1454	0.000912748	0	1.1E-15	1.88212E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00044	-0.00384
0.14545	0.000913112	0	1.1E-15	1.88211E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00053	0.001094
0.1455	0.000913475	0	1.1E-15	1.88209E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00035	-0.00094
0.14555	0.000913839	0	1.1E-15	1.88208E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000333	0.000153
0.1456	0.000914203	0	1.1E-15	1.88207E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00092	-0.00032
0.14565	0.000914566	0	1.1E-15	1.88205E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00182	-0.0002
0.1457	0.00091493	0	1.1E-15	1.88202E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00043	-0.00051
0.14575	0.000915294	0	1.1E-15	1.88201E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000456	-2.1E-05
0.1458	0.000915657	0	1.1E-15	1.88202E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00105	8.5E-05
0.14585	0.000916021	0	1.1E-15	1.88197E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00046	-0.00097
0.1459	0.000916385	0	1.1E-15	1.88199E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000289	0.000601
0.14595	0.000916748	0	1.1E-15	1.88192E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.0007	-0.00173
0.146	0.000917112	0	1.1E-15	1.88193E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00097	0.000889
0.14605	0.000917475	0	1.1E-15	1.88196E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00017	0.000397
0.1461	0.000917839	0	1.1E-15	1.88191E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00041	-0.00126

0.14615	0.000918203	0	1.1E-15	1.88192E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00103	0.000695
0.1462	0.000918566	0	1.1E-15	1.88188E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00102	-0.00121
0.14625	0.00091893	0	1.1E-15	1.88185E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000637	-7.6E-05
0.1463	0.000919294	0	1.1E-15	1.88183E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.0013	-0.00056
0.14635	0.000919657	0	1.1E-15	1.88182E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00091	-2.9E-05
0.1464	0.000920021	0	1.1E-15	1.88179E-16	-1.1E-15	-1.9E-16	0.007273	0	-3.6E-05	-0.0006
0.14645	0.000920385	0	1.1E-15	1.88179E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00123	0.000155
0.1465	0.000920748	0	1.1E-15	1.88177E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00039	-0.00041
0.14655	0.000921112	0	1.1E-15	1.88175E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000548	-0.00016
0.1466	0.000921476	0	1.1E-15	1.88174E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00127	-0.00022
0.14665	0.000921839	0	1.1E-15	1.88172E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00157	-0.00031
0.1467	0.000922203	0	1.1E-15	1.88168E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000321	-0.00094
0.14675	0.000922566	0	1.1E-15	1.88168E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00036	0.000327
0.1468	0.00092293	0	1.1E-15	1.88165E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00107	-0.00072
0.14685	0.000923294	0	1.1E-15	1.88158E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000574	-0.00115
0.1469	0.000923657	0	1.1E-15	1.88158E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00143	0.000295
0.14695	0.000924021	0	1.1E-15	1.88185E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00019	0.005643
0.147	0.000924385	0	1.1E-15	1.88134E-16	-1.1E-15	-1.9E-16	0.007273	0	0.008638	-0.01286
0.14705	0.000924748	0	1.1E-15	1.88132E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00165	0.004068
0.1471	0.000925112	0	1.1E-15	1.88126E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00492	-0.00264
0.14715	0.000925476	0	1.1E-15	1.88126E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000751	0.000931
0.1472	0.000925839	0	1.1E-15	1.88132E-16	-1.1E-15	-1.9E-16	0.007273	0	0.000862	0.000992
0.14725	0.000926203	0	1.1E-15	1.88129E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00149	-0.00114
0.1473	0.000926566	0	1.1E-15	1.88125E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00025	-0.00034
0.14735	0.00092693	0	1.1E-15	1.88125E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00108	4.42E-05
0.1474	0.000927294	0	1.1E-15	1.88123E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00048	-0.0004
0.14745	0.000927657	0	1.1E-15	1.88122E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00044	-3.5E-05
0.1475	0.000928021	0	1.1E-15	1.88117E-16	-1.1E-15	-1.9E-16	0.007273	0	-0.00084	-0.00116
0.14755	0.000928385	0	1.1E-15	1.88113E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0003	-0.00041
0.1476	0.000928748	0	1.1E-15	1.88112E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00051	-0.00013
0.14765	0.000929112	0	1.1E-15	1.88111E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00055	-8.7E-05
0.1477	0.000929475	0	1.1E-15	1.8811E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00109	-0.0002
0.14775	0.000929839	0	1.1E-15	1.88107E-16	-1.1E-15	-1.9E-16	0.007272	0	0.000443	-0.00059

0.1478	0.000930203	0	1.1E-15	1.88108E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00127	0.000331
0.14785	0.000930566	0	1.1E-15	1.88107E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00052	-0.0003
0.1479	0.00093093	0	1.1E-15	1.88104E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00043	-0.00046
0.14795	0.000931293	0	1.1E-15	1.88104E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00094	6.44E-05
0.148	0.000931657	0	1.1E-15	1.88097E-16	-1.1E-15	-1.9E-16	0.007272	0	7.48E-06	-0.00157
0.14805	0.000932021	0	1.1E-15	1.88095E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00094	8.46E-05
0.1481	0.000932384	0	1.1E-15	1.88094E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0002	-0.0001
0.14815	0.000932748	0	1.1E-15	1.88092E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0004	-0.00047
0.1482	0.000933112	0	1.1E-15	1.88026E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00108	-0.01404
0.14825	0.000933475	0	1.1E-15	1.88023E-16	-1.1E-15	-1.9E-16	0.007272	0	-1.5E-05	0.004272
0.1483	0.000933839	0	1.1E-15	1.88021E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00058	-0.00204
0.14835	0.000934202	0	1.1E-15	1.88021E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00145	0.000728
0.1484	0.000934566	0	1.1E-15	1.8802E-16	-1.1E-15	-1.9E-16	0.007272	0	0.000166	-0.00038
0.14845	0.00093493	0	1.1E-15	1.88023E-16	-1.1E-15	-1.9E-16	0.007272	0	-5.2E-05	0.000719
0.1485	0.000935293	0	1.1E-15	1.88018E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00113	-0.00132
0.14855	0.000935657	0	1.1E-15	1.88017E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00046	0.000183
0.1486	0.00093602	0	1.1E-15	1.88018E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0001	0.000159
0.14865	0.000936384	0	1.1E-15	1.88015E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00116	-0.00053
0.1487	0.000936748	0	1.1E-15	1.88013E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00097	-0.00023
0.14875	0.000937111	0	1.1E-15	1.88014E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0003	0.000186
0.1488	0.000937475	0	1.1E-15	1.88011E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.0005	-0.00062
0.14885	0.000937838	0	1.1E-15	1.88009E-16	-1.1E-15	-1.9E-16	0.007272	0	0.000197	-0.00028
0.1489	0.000938202	0	1.1E-15	1.88006E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00104	-0.00063
0.14895	0.000938565	0	1.1E-15	1.88006E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00063	0.000206
0.149	0.000938929	0	1.1E-15	1.88004E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00054	-0.00033
0.14905	0.000939293	0	1.1E-15	1.8798E-16	-1.1E-15	-1.9E-16	0.007272	0	-0.00793	-0.00524
0.1491	0.000939656	0	9.846E-16	-3.6263E-16	-1.1E-15	-1.9E-16	0.007271	0	-12.3552	-118.154
0.14915	0.000939989	0	9.846E-16	-3.6263E-16	-9.2E-16	1.75E-16	0.006653	0	0.669488	-40.2369
0.1492	0.000940323	0	9.759E-16	-3.5485E-16	-9.3E-16	5.02E-16	0.006687	0	5.245095	31.61346
0.14925	0.000940671	0	9.759E-16	-3.5486E-16	-1E-15	2.31E-16	0.006949	0	-0.44994	-26.5694
0.1493	0.000941017	0	9.759E-16	-3.5487E-16	-1E-15	4.52E-16	0.006927	0	-2.60282	20.83148
0.14935	0.000941357	0	9.758E-16	-3.5487E-16	-9.6E-16	2.73E-16	0.006797	0	0.30539	-17.6691
0.1494	0.000941697	0	9.758E-16	-3.5487E-16	-9.7E-16	4.22E-16	0.006812	0	1.294789	14.36251

0.14945	0.000942041	0	9.758E-16	-3.5487E-16	-9.8E-16	2.98E-16	0.006877	0	-0.18888	-12.2049
0.1495	0.000942385	0	9.758E-16	-3.5488E-16	-9.8E-16	4.02E-16	0.006867	0	-0.64191	10.07665
0.14955	0.000942726	0	9.758E-16	-3.5488E-16	-9.7E-16	3.15E-16	0.006835	0	0.111875	-8.55969
0.1496	0.000943068	0	9.758E-16	-3.5475E-16	-9.7E-16	3.88E-16	0.006841	0	0.320016	7.153721
0.14965	0.000943411	0	9.758E-16	-3.5475E-16	-9.8E-16	3.26E-16	0.006857	0	-0.06559	-6.06814
0.1497	0.000943754	0	9.758E-16	-3.5475E-16	-9.8E-16	3.78E-16	0.006853	0	-0.15908	5.072955
0.14975	0.000944096	0	9.758E-16	-3.5475E-16	-9.7E-16	3.35E-16	0.006845	0	0.036245	-4.29698
0.1498	0.000944439	0	9.758E-16	-3.5475E-16	-9.8E-16	3.72E-16	0.006847	0	0.078685	3.601907
0.14985	0.000944781	0	9.758E-16	-3.5475E-16	-9.8E-16	3.41E-16	0.006851	0	-0.02157	-3.0482
0.1499	0.000945124	0	9.758E-16	-3.5476E-16	-9.8E-16	3.67E-16	0.00685	0	-0.04011	2.559895
0.14995	0.000945466	0	9.758E-16	-3.5476E-16	-9.8E-16	3.45E-16	0.006848	0	0.011264	-2.16494
0.15	0.000945808	0	9.758E-16	-3.5476E-16	-9.8E-16	3.63E-16	0.006849	0	0.019054	1.820997
0.15005	0.000946151	0	9.758E-16	-3.5476E-16	-9.8E-16	3.48E-16	0.00685	0	-0.00735	-1.53883
0.1501	0.000946493	0	9.757E-16	-3.5477E-16	-9.8E-16	3.61E-16	0.006849	0	-0.00998	1.294546
0.15015	0.000946836	0	9.757E-16	-3.5477E-16	-9.8E-16	3.5E-16	0.006849	0	0.003282	-1.09339
0.1502	0.000947178	0	9.757E-16	-3.5477E-16	-9.8E-16	3.59E-16	0.006849	0	0.004423	0.920038
0.15025	0.000947521	0	9.757E-16	-3.5477E-16	-9.8E-16	3.51E-16	0.006849	0	-0.00383	-0.77671
0.1503	0.000947863	0	9.757E-16	-3.5474E-16	-9.8E-16	3.58E-16	0.006849	0	-0.00203	0.661799
0.15035	0.000948206	0	9.757E-16	-3.5474E-16	-9.8E-16	3.52E-16	0.006849	0	0.000826	-0.55993
0.1504	0.000948548	0	9.757E-16	-3.5474E-16	-9.8E-16	3.57E-16	0.006849	0	0.000487	0.472259
0.15045	0.00094889	0	9.757E-16	-3.5474E-16	-9.8E-16	3.53E-16	0.006849	0	-0.0012	-0.39916
0.1505	0.000949233	0	9.757E-16	-3.5477E-16	-9.8E-16	3.56E-16	0.006849	0	-0.00179	0.331847
0.15055	0.000949575	0	9.757E-16	-3.5477E-16	-9.8E-16	3.53E-16	0.006849	0	-0.00027	-0.28003
0.1506	0.000949918	0	9.757E-16	-3.5477E-16	-9.8E-16	3.56E-16	0.006849	0	-7.9E-05	0.235259
0.15065	0.00095026	0	9.757E-16	-3.5477E-16	-9.8E-16	3.54E-16	0.006849	0	0.000417	-0.19846
0.1507	0.000950603	0	9.757E-16	-3.5477E-16	-9.8E-16	3.56E-16	0.006849	0	-0.00142	0.166741
0.15075	0.000950945	0	9.756E-16	-3.5478E-16	-9.8E-16	3.54E-16	0.006849	0	-0.00179	-0.14174
0.1508	0.000951288	0	9.756E-16	-3.5478E-16	-9.8E-16	3.55E-16	0.006849	0	0.000458	0.119591
0.15085	0.00095163	0	9.756E-16	-3.5478E-16	-9.8E-16	3.54E-16	0.006849	0	-0.00053	-0.10074
0.1509	0.000951972	0	9.756E-16	-3.5478E-16	-9.8E-16	3.55E-16	0.006849	0	7.47E-05	0.083665
0.15095	0.000952315	0	9.756E-16	-3.5478E-16	-9.8E-16	3.54E-16	0.006849	0	-0.0011	-0.06958
0.151	0.000952657	0	9.756E-16	-3.5479E-16	-9.8E-16	3.55E-16	0.006849	0	-0.00112	0.057054
0.15105	0.000953	0	9.756E-16	-3.5478E-16	-9.8E-16	3.55E-16	0.006848	0	0.000945	-0.04769

0.1511	0.000953342	0	9.756E-16	-3.5479E-16	-9.8E-16	3.55E-16	0.006849	0	-0.00093	0.039046
0.15115	0.000953685	0	9.756E-16	-3.5479E-16	-9.8E-16	3.55E-16	0.006848	0	-0.0016	-0.03261
0.1512	0.000954027	0	9.756E-16	-3.5479E-16	-9.8E-16	3.55E-16	0.006848	0	-0.00026	0.026886
0.15125	0.000954369	0	9.756E-16	-3.5479E-16	-9.8E-16	3.55E-16	0.006848	0	0.000135	-0.02289
0.1513	0.000954712	0	9.756E-16	-3.548E-16	-9.8E-16	3.55E-16	0.006848	0	-0.00024	0.018474
0.15135	0.000955054	0	9.787E-16	-3.4635E-16	-9.8E-16	3.55E-16	0.006848	0	0.331725	1.797057
0.1514	0.000955397	0	9.786E-16	-3.4635E-16	-9.8E-16	3.39E-16	0.006865	0	-0.01157	-1.47994
0.15145	0.000955741	0	9.786E-16	-3.4635E-16	-9.8E-16	3.52E-16	0.006864	0	-0.16544	1.212426
0.1515	0.000956083	0	9.786E-16	-3.4635E-16	-9.8E-16	3.42E-16	0.006856	0	0.010196	-0.99667
0.15155	0.000956426	0	9.786E-16	-3.4636E-16	-9.8E-16	3.5E-16	0.006857	0	0.081749	0.816405
0.1516	0.000956769	0	9.786E-16	-3.4636E-16	-9.8E-16	3.43E-16	0.006861	0	-0.00899	-0.67171
0.15165	0.000957112	0	9.786E-16	-3.4636E-16	-9.8E-16	3.49E-16	0.00686	0	-0.04119	0.551135
0.1517	0.000957455	0	9.786E-16	-3.4636E-16	-9.8E-16	3.44E-16	0.006858	0	0.004491	-0.45298
0.15175	0.000957798	0	9.786E-16	-3.4634E-16	-9.8E-16	3.48E-16	0.006858	0	0.022192	0.37499
0.1518	0.000958141	0	9.786E-16	-3.4631E-16	-9.8E-16	3.45E-16	0.00686	0	-0.00263	-0.30096
0.15185	0.000958484	0	9.786E-16	-3.4631E-16	-9.8E-16	3.47E-16	0.006859	0	-0.01194	0.246723
0.1519	0.000958827	0	9.786E-16	-3.4631E-16	-9.8E-16	3.45E-16	0.006859	0	0.000402	-0.20265
0.15195	0.00095917	0	9.786E-16	-3.4632E-16	-9.8E-16	3.47E-16	0.006859	0	0.005642	0.165095
0.152	0.000959513	0	9.786E-16	-3.4632E-16	-9.8E-16	3.46E-16	0.006859	0	-0.0013	-0.13548
0.15205	0.000959856	0	9.786E-16	-3.4634E-16	-9.8E-16	3.47E-16	0.006859	0	-0.00388	0.106792
0.1521	0.000960199	0	9.786E-16	-3.4634E-16	-9.8E-16	3.46E-16	0.006859	0	-0.00074	-0.08853
0.15215	0.000960542	0	9.786E-16	-3.4634E-16	-9.8E-16	3.47E-16	0.006859	0	0.002274	0.072516
0.1522	0.000960885	0	9.785E-16	-3.4635E-16	-9.8E-16	3.46E-16	0.006859	0	-0.0019	-0.06057
0.15225	0.000961228	0	9.785E-16	-3.4635E-16	-9.8E-16	3.47E-16	0.006859	0	-0.00126	0.049731
0.1523	0.000961571	0	9.785E-16	-3.4635E-16	-9.8E-16	3.46E-16	0.006859	0	0.000265	-0.04088
0.15235	0.000961914	0	9.784E-16	-3.4643E-16	-9.8E-16	3.47E-16	0.006859	0	-0.01604	0.015984
0.1524	0.000962256	0	9.819E-16	-3.4109E-16	-9.8E-16	3.46E-16	0.006858	0	0.375883	1.132856
0.15245	0.0009626	0	9.819E-16	-3.4109E-16	-9.8E-16	3.37E-16	0.006877	0	-0.00485	-0.91713
0.1525	0.000962944	0	9.819E-16	-3.4109E-16	-9.8E-16	3.45E-16	0.006877	0	-0.18882	0.740308
0.15255	0.000963287	0	9.819E-16	-3.4109E-16	-9.8E-16	3.38E-16	0.006867	0	0.007947	-0.59944
0.1526	0.000963631	0	9.818E-16	-3.411E-16	-9.8E-16	3.43E-16	0.006867	0	0.093336	0.483182
0.15265	0.000963974	0	9.818E-16	-3.411E-16	-9.8E-16	3.39E-16	0.006872	0	-0.00749	-0.39095
0.1527	0.000964318	0	9.818E-16	-3.411E-16	-9.8E-16	3.43E-16	0.006872	0	-0.04769	0.315296

0.15275	0.000964661	0	9.818E-16	-3.411E-16	-9.8E-16	3.4E-16	0.006869	0	0.003827	-0.25525
0.1528	0.000965005	0	9.818E-16	-3.4111E-16	-9.8E-16	3.42E-16	0.00687	0	0.024099	0.205198
0.15285	0.000965349	0	9.818E-16	-3.411E-16	-9.8E-16	3.4E-16	0.006871	0	-0.00343	-0.16544
0.1529	0.000965692	0	9.818E-16	-3.4111E-16	-9.8E-16	3.42E-16	0.006871	0	-0.01282	0.133089
0.15295	0.000966036	0	9.818E-16	-3.4111E-16	-9.8E-16	3.41E-16	0.00687	0	0.001332	-0.10822
0.153	0.000966379	0	9.816E-16	-3.4081E-16	-9.8E-16	3.42E-16	0.00687	0	-0.01597	0.151383
0.15305	0.000966722	0	9.816E-16	-3.4082E-16	-9.8E-16	3.4E-16	0.006869	0	-0.00073	-0.12348
0.1531	0.000967066	0	9.816E-16	-3.4081E-16	-9.8E-16	3.41E-16	0.006869	0	0.007622	0.100573
0.15315	0.000967409	0	9.816E-16	-3.4081E-16	-9.8E-16	3.4E-16	0.00687	0	-0.0013	-0.08102
0.1532	0.000967753	0	9.816E-16	-3.4081E-16	-9.8E-16	3.41E-16	0.00687	0	-0.00459	0.064829
0.15325	0.000968096	0	9.816E-16	-3.4082E-16	-9.8E-16	3.41E-16	0.006869	0	-8.9E-06	-0.05408
0.1533	0.00096844	0	9.815E-16	-3.4082E-16	-9.8E-16	3.41E-16	0.006869	0	0.001624	0.043478
0.15335	0.000968783	0	9.815E-16	-3.4082E-16	-9.8E-16	3.41E-16	0.006869	0	-0.0013	-0.03441
0.1534	0.000969127	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00043	0.026368
0.15345	0.00096947	0	9.815E-16	-3.4082E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00033	-0.02031
0.1535	0.000969814	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00062	0.015315
0.15355	0.000970157	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	0.000168	-0.01325
0.1536	0.000970501	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00133	0.011262
0.15365	0.000970844	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00081	-0.00956
0.1537	0.000971188	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	2.32E-05	0.007223
0.15375	0.000971531	0	9.815E-16	-3.4083E-16	-9.8E-16	3.41E-16	0.006869	0	-0.0008	-0.00598
0.1538	0.000971874	0	9.815E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00076	0.004214
0.15385	0.000972218	0	9.815E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	0.00016	-0.00342
0.1539	0.000972561	0	9.815E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00091	0.001991
0.15395	0.000972905	0	9.815E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00075	-0.00147
0.154	0.000973248	0	9.815E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	0.000231	0.000933
0.15405	0.000973592	0	9.814E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	-0.001	-0.00141
0.1541	0.000973935	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00054	0.000698
0.15415	0.000974279	0	9.814E-16	-3.4084E-16	-9.8E-16	3.41E-16	0.006869	0	0.000263	-5.2E-05
0.1542	0.000974622	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00085	-0.00059
0.15425	0.000974965	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00082	-0.00043
0.1543	0.000975309	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00063	0.000133
0.15435	0.000975652	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	0.000193	-0.00046

0.1544	0.000975996	0	9.814E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00053	-0.00043
0.15445	0.000976339	0	9.814E-16	-3.4085E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00134	0.001354
0.1545	0.000976683	0	9.814E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	-1.5E-05	-0.00256
0.15455	0.000977026	0	9.814E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00029	0.001959
0.1546	0.00097737	0	9.814E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	-0.0013	-0.00131
0.15465	0.000977713	0	9.814E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00059	8.34E-05
0.1547	0.000978056	0	9.813E-16	-3.4086E-16	-9.8E-16	3.41E-16	0.006869	0	0.000128	5.3E-05
0.15475	0.0009784	0	9.813E-16	-3.4087E-16	-9.8E-16	3.41E-16	0.006869	0	1.34E-05	-0.00102
0.1548	0.000978743	0	9.813E-16	-3.4091E-16	-9.8E-16	3.41E-16	0.006869	0	-0.0013	-0.00901
0.15485	0.000979087	0	9.813E-16	-3.4092E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00103	0.006408
0.1549	0.00097943	0	9.813E-16	-3.4091E-16	-9.8E-16	3.41E-16	0.006869	0	-2.6E-05	-0.00426
0.15495	0.000979774	0	9.813E-16	-3.4092E-16	-9.8E-16	3.41E-16	0.006869	0	-0.00029	0.002408
0.155	0.000980117	0	9.813E-16	-3.4092E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00093	-0.00219
0.15505	0.00098046	0	9.813E-16	-3.4104E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00222	-0.02471
0.1551	0.000980804	0	9.813E-16	-3.4105E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00019	0.018919
0.15515	0.000981147	0	9.813E-16	-3.4105E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00063	-0.01624
0.1552	0.000981491	0	9.812E-16	-3.4106E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00112	0.011923
0.15525	0.000981834	0	9.812E-16	-3.4106E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00031	-0.01059
0.1553	0.000982177	0	9.812E-16	-3.4107E-16	-9.8E-16	3.41E-16	0.006868	0	-4.2E-06	0.007908
0.15535	0.000982521	0	9.812E-16	-3.4107E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00015	-0.0077
0.1554	0.000982864	0	9.812E-16	-3.4107E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00121	0.006418
0.15545	0.000983208	0	9.812E-16	-3.4107E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00074	-0.00482
0.1555	0.000983551	0	9.812E-16	-3.4107E-16	-9.8E-16	3.41E-16	0.006868	0	0.000158	0.002713
0.15555	0.000983895	0	9.812E-16	-3.4108E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00026	-0.00281
0.1556	0.000984238	0	9.812E-16	-3.4108E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00106	0.002031
0.15565	0.000984581	0	9.812E-16	-3.4108E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00139	-0.00154
0.1557	0.000984925	0	9.812E-16	-3.4108E-16	-9.8E-16	3.41E-16	0.006868	0	0.000211	0.000472
0.15575	0.000985268	0	9.812E-16	-3.4108E-16	-9.8E-16	3.41E-16	0.006868	0	-6.7E-06	-0.0002
0.1558	0.000985612	0	9.812E-16	-3.4109E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00011	-0.00175
0.15585	0.000985955	0	9.812E-16	-3.4109E-16	-9.8E-16	3.41E-16	0.006868	0	-0.0014	0.000971
0.1559	0.000986298	0	9.811E-16	-3.4109E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00017	-0.00082
0.15595	0.000986642	0	9.811E-16	-3.4109E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00045	0.000461
0.156	0.000986985	0	9.811E-16	-3.4109E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00075	-0.00081

0.15605	0.000987329	0	9.811E-16	-3.411E-16	-9.8E-16	3.41E-16	0.006868	0	-7E-06	0.000463
0.1561	0.000987672	0	9.811E-16	-3.411E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00116	-0.00156
0.15615	0.000988015	0	9.811E-16	-3.411E-16	-9.8E-16	3.41E-16	0.006868	0	-4.7E-05	0.001688
0.1562	0.000988359	0	9.811E-16	-3.411E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00263	-0.00136
0.15625	0.000988702	0	9.811E-16	-3.411E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00061	0.000557
0.1563	0.000989045	0	9.811E-16	-3.4111E-16	-9.8E-16	3.41E-16	0.006868	0	0.000908	-0.00134
0.15635	0.000989389	0	9.811E-16	-3.4111E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00061	0.000824
0.1564	0.000989732	0	9.81E-16	-3.4111E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00206	-0.00059
0.15645	0.000990076	0	9.811E-16	-3.4111E-16	-9.8E-16	3.41E-16	0.006868	0	0.000907	-0.00057
0.1565	0.000990419	0	9.81E-16	-3.4113E-16	-9.8E-16	3.41E-16	0.006868	0	-9.4E-05	-0.00347
0.15655	0.000990762	0	9.81E-16	-3.4113E-16	-9.8E-16	3.41E-16	0.006868	0	-0.00011	0.00313
0.1566	0.000991106	0	9.81E-16	-3.4113E-16	-9.8E-16	3.41E-16	0.006868	0	-0.0015	-0.00299
0.15665	0.000991449	0	9.81E-16	-3.4112E-16	-9.8E-16	3.41E-16	0.006868	0	0.000459	0.003903
0.1567	0.000991792	0	9.81E-16	-3.4113E-16	-9.8E-16	3.41E-16	0.006868	0	0.000131	-0.00367
0.15675	0.000992136	0	1.095E-15	-2.2288E-16	-9.8E-16	3.41E-16	0.006868	0	12.2101	25.37714
0.1568	0.00099251	0	1.095E-15	-2.2288E-16	-1.2E-15	1.61E-16	0.007478	0	-1.23242	-13.3104
0.15685	0.000992881	0	1.095E-15	-2.2288E-16	-1.1E-15	2.47E-16	0.007416	0	-5.90637	5.18938
0.1569	0.000993237	0	1.095E-15	-2.2289E-16	-1.1E-15	2.11E-16	0.007121	0	1.337272	-2.49446
0.15695	0.000993596	0	1.095E-15	-2.2289E-16	-1.1E-15	2.28E-16	0.007188	0	2.82345	1.122439
0.157	0.000993962	0	1.095E-15	-2.2289E-16	-1.1E-15	2.2E-16	0.007329	0	-1.00839	-0.52235
0.15705	0.000994326	0	1.095E-15	-2.2289E-16	-1.1E-15	2.24E-16	0.007279	0	-1.28236	0.239877
0.1571	0.000994687	0	1.095E-15	-2.2289E-16	-1.1E-15	2.22E-16	0.007215	0	0.654792	-0.11156
0.15715	0.00099505	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007247	0	0.565403	0.050705
0.1572	0.000995413	0	1.095E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007276	0	-0.39584	-0.02289
0.15725	0.000995776	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007256	0	-0.23587	0.009634
0.1573	0.000996138	0	1.095E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007244	0	0.225429	-0.00375
0.15735	0.000996501	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007255	0	0.089467	0.000524
0.1574	0.000996864	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.00726	0	-0.12402	1.19E-05
0.15745	0.000997227	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007254	0	-0.02979	-0.00019
0.1575	0.000997589	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007252	0	0.064025	-0.00085
0.15755	0.000997952	0	1.095E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007255	0	0.005992	0.000499
0.1576	0.000998315	0	1.095E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007256	0	-0.0306	-0.00261
0.15765	0.000998678	0	1.095E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00059	0.001592

0.1577	0.00099904	0	1.095E-15	-2.2292E-16	-1.1E-15	2.23E-16	0.007254	0	0.01438	-0.00132
0.15775	0.000999403	0	1.095E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007255	0	-0.00248	0.000913
0.1578	0.000999766	0	1.095E-15	-2.2292E-16	-1.1E-15	2.23E-16	0.007255	0	-0.00752	-0.00159
0.15785	0.001000128	0	1.095E-15	-2.2292E-16	-1.1E-15	2.23E-16	0.007254	0	0.001224	0.000874
0.1579	0.001000491	0	1.095E-15	-2.2292E-16	-1.1E-15	2.23E-16	0.007254	0	0.002242	-0.00107
0.15795	0.001000854	0	1.095E-15	-2.2293E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00148	-0.00024
0.158	0.001001217	0	1.094E-15	-2.2288E-16	-1.1E-15	2.23E-16	0.007254	0	-0.0177	0.009296
0.15805	0.001001579	0	1.094E-15	-2.2288E-16	-1.1E-15	2.23E-16	0.007253	0	0.002139	-0.00363
0.1581	0.001001942	0	1.094E-15	-2.2288E-16	-1.1E-15	2.23E-16	0.007254	0	0.007785	0.000846
0.15815	0.001002305	0	1.094E-15	-2.2288E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00292	-0.00049
0.1582	0.001002667	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.0037	-0.00021
0.15825	0.00100303	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	0.000495	-0.00029
0.1583	0.001003393	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	0.001064	0.000494
0.15835	0.001003755	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.0012	-0.00079
0.1584	0.001004118	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00116	-5.3E-06
0.15845	0.001004481	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.0002	0.000428
0.1585	0.001004843	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00039	-0.00118
0.15855	0.001005206	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00057	0.000577
0.1586	0.001005569	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00033	-0.00138
0.15865	0.001005931	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007254	0	-0.00012	0.002231
0.1587	0.001006294	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00041	-0.00049
0.15875	0.001006657	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00053	-0.00093
0.1588	0.001007019	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00068	0.000963
0.15885	0.001007382	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00044	-0.00045
0.1589	0.001007745	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-5E-05	-6.2E-05
0.15895	0.001008108	0	1.094E-15	-2.2289E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00079	-3.2E-05
0.159	0.00100847	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00065	-0.00136
0.15905	0.001008833	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00052	0.000873
0.1591	0.001009196	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.0012	-0.00048
0.15915	0.001009558	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00012	0.000114
0.1592	0.001009921	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00036	-0.00014
0.15925	0.001010283	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00059	-0.0002
0.1593	0.001010646	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00038	-0.00092

0.15935	0.001011009	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	-0.0005	0.000523
0.1594	0.001011371	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00114	-0.0007
0.15945	0.001011734	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	6.08E-06	0.000407
0.1595	0.001012097	0	1.094E-15	-2.229E-16	-1.1E-15	2.23E-16	0.007253	0	0.000527	0.000405
0.15955	0.001012459	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00175	-0.00116
0.1596	0.001012822	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00042	0.000618
0.15965	0.001013185	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00017	-0.00129
0.1597	0.001013547	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00072	0.000389
0.15975	0.00101391	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00093	0.000589
0.1598	0.001014273	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-3.6E-06	-0.0011
0.15985	0.001014635	0	1.094E-15	-2.2291E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00048	0.001018
0.1599	0.001014998	0	1.094E-15	-2.2292E-16	-1.1E-15	2.23E-16	0.007253	0	-0.00076	-0.00159
0.15995	0.001015361	0	1.078E-15	-2.3342E-16	-1.1E-15	2.23E-16	0.007253	0	-1.69065	-2.2541
0.16	0.001015719	0	1.078E-15	-2.3343E-16	-1.1E-15	2.39E-16	0.007168	0	0.184083	1.095939
0.16005	0.001016078	0	1.078E-15	-2.3343E-16	-1.1E-15	2.31E-16	0.007178	0	0.825347	-0.54712
0.1601	0.001016439	0	1.078E-15	-2.3343E-16	-1.1E-15	2.35E-16	0.007219	0	-0.18027	0.269585
0.16015	0.001016799	0	1.078E-15	-2.3343E-16	-1.1E-15	2.33E-16	0.00721	0	-0.39353	-0.13451
0.1602	0.001017159	0	1.078E-15	-2.3343E-16	-1.1E-15	2.34E-16	0.00719	0	0.13173	0.06576
0.16025	0.001017519	0	1.078E-15	-2.3343E-16	-1.1E-15	2.33E-16	0.007197	0	0.181904	-0.03225
0.1603	0.001017879	0	1.078E-15	-2.3343E-16	-1.1E-15	2.34E-16	0.007206	0	-0.08611	0.015651
0.16035	0.001018239	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.007201	0	-0.08232	-0.00802
0.1604	0.001018599	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.007197	0	0.051573	0.002939
0.16045	0.001018959	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.0072	0	0.034483	-0.00102
0.1605	0.001019319	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.007202	0	-0.03045	7.42E-05
0.16055	0.001019679	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.0072	0	-0.01484	-0.00023
0.1606	0.001020039	0	1.078E-15	-2.3344E-16	-1.1E-15	2.33E-16	0.007199	0	0.016446	-0.0005
0.16065	0.001020399	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	0.004133	-0.0002
0.1607	0.001020759	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00953	-0.00011
0.16075	0.001021119	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00166	0.000311
0.1608	0.001021479	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	0.004136	-0.00138
0.16085	0.001021839	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00018	0.000515
0.1609	0.001022199	0	1.078E-15	-2.3345E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00316	-0.00077
0.16095	0.001022559	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	-7.8E-05	1.17E-05

0.161	0.001022919	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	0.000849	-0.00046
0.16105	0.001023279	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00128	-6.7E-05
0.1611	0.001023639	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00121	-6.4E-05
0.16115	0.001023999	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	-0.0002	-0.00111
0.1612	0.001024359	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	0.000103	0.000938
0.16125	0.001024719	0	1.078E-15	-2.3346E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00048	-0.00065
0.1613	0.001025079	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00135	-7.8E-05
0.16135	0.001025439	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	6.44E-05	-0.00048
0.1614	0.001025799	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	-0.0007	-0.00011
0.16145	0.001026159	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	-0.001	-1E-05
0.1615	0.001026519	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	0.00059	-0.00089
0.16155	0.001026879	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00052	0.000381
0.1616	0.001027239	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00105	-0.00086
0.16165	0.001027599	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00021	-0.00055
0.1617	0.001027959	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00058	0.000786
0.16175	0.001028319	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00078	-0.00042
0.1618	0.001028679	0	1.078E-15	-2.3347E-16	-1.1E-15	2.33E-16	0.0072	0	0.001411	0.001784
0.16185	0.001029039	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-9.3E-05	-0.00202
0.1619	0.001029399	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.0072	0	-0.00124	0.00037
0.16195	0.001029759	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.0072	0	-0.0014	-0.00089
0.162	0.001030119	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.007199	0	0.000871	-3E-05
0.16205	0.001030479	0	1.078E-15	-2.3348E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00029	0.00074
0.1621	0.001030839	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00162	-0.00124
0.16215	0.001031199	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00012	-0.00036
0.1622	0.001031559	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00059	0.000501
0.16225	0.001031918	0	1.078E-15	-2.335E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00097	-0.00133
0.1623	0.001032278	0	1.078E-15	-2.3349E-16	-1.1E-15	2.33E-16	0.007199	0	0.000163	0.000909
0.16235	0.001032638	0	1.078E-15	-2.335E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00111	-0.00069
0.1624	0.001032998	0	1.078E-15	-2.335E-16	-1.1E-15	2.33E-16	0.007199	0	-0.00081	-0.00029
0.16245	0.001033358	0	1.078E-15	-2.335E-16	-1.1E-15	2.33E-16	0.007199	0	0.000671	-0.00047
0.1625	0.001033718	0	1.078E-15	-2.335E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00084	0.000129
0.16255	0.001034078	0	1.078E-15	-2.335E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00063	-4.9E-05
0.1626	0.001034438	0	1.078E-15	-2.3355E-16	-1.1E-15	2.34E-16	0.007199	0	0.008014	-0.00962

0.16265	0.001034798	0	1.078E-15	-2.3355E-16	-1.1E-15	2.34E-16	0.0072	0	-0.00099	0.004605
0.1627	0.001035158	0	1.078E-15	-2.3355E-16	-1.1E-15	2.34E-16	0.0072	0	-0.00469	-0.00249
0.16275	0.001035518	0	1.078E-15	-2.3355E-16	-1.1E-15	2.34E-16	0.007199	0	-2.6E-05	-2.8E-05
0.1628	0.001035878	0	1.078E-15	-2.3356E-16	-1.1E-15	2.34E-16	0.007199	0	0.001899	-0.0011
0.16285	0.001036238	0	1.078E-15	-2.3356E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00128	0.001129
0.1629	0.001036598	0	1.078E-15	-2.3356E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00139	-0.00218
0.16295	0.001036958	0	1.078E-15	-2.3357E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00025	0.000616
0.163	0.001037318	0	1.078E-15	-2.3357E-16	-1.1E-15	2.34E-16	0.007199	0	-0.00029	-0.00075
0.16305	0.001037678	0	1.078E-15	-2.3357E-16	-1.1E-15	2.34E-16	0.007199	0	0.000387	-0.00036
0.1631	0.001038038	0	1.079E-15	-2.3532E-16	-1.1E-15	2.34E-16	0.007199	0	0.098286	-0.37481
0.16315	0.001038398	0	1.079E-15	-2.3534E-16	-1.1E-15	2.36E-16	0.007204	0	-0.00894	0.184021
0.1632	0.001038758	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007204	0	-0.04966	-0.09155
0.16325	0.001039118	0	1.079E-15	-2.3533E-16	-1.1E-15	2.36E-16	0.007201	0	0.009342	0.045425
0.1633	0.001039478	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007202	0	0.02287	-0.0234
0.16335	0.001039839	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007203	0	-0.00831	0.01093
0.1634	0.001040199	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007202	0	-0.0108	-0.00618
0.16345	0.001040559	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007202	0	0.005055	0.003612
0.1635	0.001040919	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007202	0	0.002451	-0.00241
0.16355	0.001041279	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00288	0.001035
0.1636	0.001041639	0	1.079E-15	-2.3535E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00149	-0.00114
0.16365	0.001041999	0	1.079E-15	-2.3535E-16	-1.1E-15	2.35E-16	0.007202	0	0.000498	0.000261
0.1637	0.001042359	0	1.079E-15	-2.3535E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00011	-0.00115
0.16375	0.001042719	0	1.079E-15	-2.3536E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00125	-7E-05
0.1638	0.00104308	0	1.079E-15	-2.3536E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00033	-0.00049
0.16385	0.00104344	0	1.079E-15	-2.3536E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00042	9.34E-05
0.1639	0.0010438	0	1.079E-15	-2.3536E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00023	-0.00069
0.16395	0.00104416	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00103	-0.00014
0.164	0.00104452	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-8.9E-05	-0.00013
0.16405	0.00104488	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00083	-0.00037
0.1641	0.00104524	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00037	0.000113
0.16415	0.0010456	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00062	-0.00098
0.1642	0.00104596	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00063	0.000815
0.16425	0.00104632	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	0.000282	-0.00108

0.1643	0.00104668	0	1.079E-15	-2.3537E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00127	0.000457
0.16435	0.001047041	0	1.079E-15	-2.3538E-16	-1.1E-15	2.35E-16	0.007202	0	0.000321	-0.00077
0.1644	0.001047401	0	1.079E-15	-2.3538E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00078	0.000274
0.16445	0.001047761	0	1.079E-15	-2.3544E-16	-1.1E-15	2.35E-16	0.007202	0	0.007461	-0.01272
0.1645	0.001048121	0	1.079E-15	-2.3544E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00167	0.006063
0.16455	0.001048481	0	1.079E-15	-2.3544E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00411	-0.00321
0.1646	0.001048841	0	1.079E-15	-2.3544E-16	-1.1E-15	2.35E-16	0.007202	0	0.000412	0.000642
0.16465	0.001049201	0	1.079E-15	-2.3544E-16	-1.1E-15	2.35E-16	0.007202	0	0.002024	-0.00018
0.1647	0.001049561	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00173	-0.00092
0.16475	0.001049921	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00109	0.00041
0.1648	0.001050281	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	4.38E-05	-5.4E-05
0.16485	0.001050641	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00105	-0.00051
0.1649	0.001051002	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00025	-0.00055
0.16495	0.001051362	0	1.079E-15	-2.3545E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00041	-1.8E-05
0.165	0.001051722	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00039	-0.00057
0.16505	0.001052082	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00073	0.000645
0.1651	0.001052442	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00041	-0.00049
0.16515	0.001052802	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00025	-0.0002
0.1652	0.001053162	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00069	-0.00066
0.16525	0.001053522	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00046	0.000282
0.1653	0.001053882	0	1.079E-15	-2.3547E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00048	-0.00093
0.16535	0.001054242	0	1.079E-15	-2.3546E-16	-1.1E-15	2.35E-16	0.007202	0	-0.00064	0.000751
0.1654	0.001054602	0	1.079E-15	-2.3547E-16	-1.1E-15	2.35E-16	0.007201	0	-0.00104	-0.00202
0.16545	0.001054962	0	1.079E-15	-2.3547E-16	-1.1E-15	2.35E-16	0.007201	0	5.32E-06	0.00132
0.1655	0.001055322	0	1.079E-15	-2.3547E-16	-1.1E-15	2.35E-16	0.007201	0	-0.00032	-0.00145
0.16555	0.001055683	0	1.079E-15	-2.3532E-16	-1.1E-15	2.35E-16	0.007201	0	-0.0098	0.033978
0.1656	0.001056043	0	1.079E-15	-2.3532E-16	-1.1E-15	2.35E-16	0.007201	0	0.000102	-0.01752
0.16565	0.001056403	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007201	0	0.004443	0.007334
0.1657	0.001056763	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007201	0	-0.00151	-0.00428
0.16575	0.001057123	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007201	0	-0.004	0.001605
0.1658	0.001057483	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007201	0	0.002091	-0.00093
0.16585	0.001057843	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007201	0	-2.2E-07	0.000194
0.1659	0.001058203	0	1.079E-15	-2.3533E-16	-1.1E-15	2.35E-16	0.007201	0	-0.00257	9.11E-05

0.16595	0.001058563	0	1.079E-15	-2.3534E-16	-1.1E-15	2.35E-16	0.007201	0	0.000718	-0.0006
0.166	0.001058923	0	1.078E-15	-2.3241E-16	-1.1E-15	2.35E-16	0.007201	0	-0.04707	0.629042
0.16605	0.001059283	0	1.078E-15	-2.3241E-16	-1.1E-15	2.31E-16	0.007199	0	0.003744	-0.31245
0.1661	0.001059643	0	1.078E-15	-2.3241E-16	-1.1E-15	2.33E-16	0.007199	0	0.022507	0.153506
0.16615	0.001060003	0	1.078E-15	-2.3241E-16	-1.1E-15	2.32E-16	0.0072	0	-0.00506	-0.07586
0.1662	0.001060363	0	1.078E-15	-2.3242E-16	-1.1E-15	2.33E-16	0.0072	0	-0.0114	0.037034
0.16625	0.001060723	0	1.078E-15	-2.3243E-16	-1.1E-15	2.32E-16	0.007199	0	0.003035	-0.02214
0.1663	0.001061083	0	1.078E-15	-2.3243E-16	-1.1E-15	2.32E-16	0.007199	0	0.005586	0.011004
0.16635	0.001061443	0	1.078E-15	-2.3244E-16	-1.1E-15	2.32E-16	0.007199	0	-0.00336	-0.00616
0.1664	0.001061803	0	1.078E-15	-2.3243E-16	-1.1E-15	2.32E-16	0.007199	0	-0.00329	0.00355
0.16645	0.001062163	0	1.078E-15	-2.3244E-16	-1.1E-15	2.32E-16	0.007199	0	0.001339	-0.00193
0.1665	0.001062523	0	1.078E-15	-2.3244E-16	-1.1E-15	2.32E-16	0.007199	0	0.001162	0.000126
0.16655	0.001062883	0	1.078E-15	-2.3243E-16	-1.1E-15	2.32E-16	0.007199	0	-0.00222	0.000968
0.1666	0.001063243	0	1.134E-15	-1.4E-16	-1.1E-15	2.32E-16	0.007199	0	6.050324	19.83453
0.16665	0.001063618	0	1.134E-15	-1.4001E-16	-1.2E-15	1.15E-16	0.007502	0	-0.84963	-5.3715
0.1667	0.001063991	0	1.134E-15	-1.4001E-16	-1.2E-15	1.43E-16	0.007459	0	-2.88154	0.587041
0.16675	0.001064356	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007315	0	0.851535	-0.09585
0.1668	0.001064724	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007358	0	1.322851	0.015741
0.16685	0.001065095	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007424	0	-0.62389	-0.00377
0.1669	0.001065465	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007393	0	-0.56719	0.00039
0.16695	0.001065833	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007364	0	0.395035	-8.5E-05
0.167	0.001066202	0	1.134E-15	-1.4001E-16	-1.1E-15	1.4E-16	0.007384	0	0.225789	0.000295
0.16705	0.001066572	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.007395	0	-0.23338	-0.00059
0.1671	0.001066941	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.007384	0	-0.07864	-0.00056
0.16715	0.00106731	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.00738	0	0.128445	-0.00065
0.1672	0.00106768	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.007386	0	0.019188	-0.00041
0.16725	0.001068049	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.007387	0	-0.06768	6.58E-06
0.1673	0.001068418	0	1.134E-15	-1.4002E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00032	-7.1E-06
0.16735	0.001068787	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007384	0	0.027032	-0.01801
0.1674	0.001069157	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007385	0	-0.00378	0.00326
0.16745	0.001069526	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007385	0	-0.01433	-0.00093
0.1675	0.001069895	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007384	0	0.003696	0.000583
0.16755	0.001070264	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007384	0	0.005171	-0.00116

0.1676	0.001070634	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007385	0	-0.00318	-0.00067
0.16765	0.001071003	0	1.134E-15	-1.4011E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00215	0.000916
0.1677	0.001071372	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007384	0	0.000446	-0.00087
0.16775	0.001071741	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007384	0	0.000163	-0.00046
0.1678	0.00107211	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00091	-0.00066
0.16785	0.00107248	0	1.134E-15	-1.4013E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00128	-0.00084
0.1679	0.001072849	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007384	0	0.000943	0.000379
0.16795	0.001073218	0	1.134E-15	-1.4012E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00053	0.000557
0.168	0.001073587	0	1.134E-15	-1.4013E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00233	-0.00134
0.16805	0.001073956	0	1.134E-15	-1.4013E-16	-1.1E-15	1.4E-16	0.007384	0	0.000525	-0.00053
0.1681	0.001074326	0	1.134E-15	-1.4013E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00041	-6.5E-05
0.16815	0.001074695	0	1.134E-15	-1.4013E-16	-1.1E-15	1.4E-16	0.007384	0	4.22E-05	-0.00054
0.1682	0.001075064	0	1.134E-15	-1.4014E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00099	-8.9E-05
0.16825	0.001075433	0	1.134E-15	-1.4014E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00052	-0.00103
0.1683	0.001075802	0	1.134E-15	-1.4014E-16	-1.1E-15	1.4E-16	0.007384	0	-0.0001	0.000406
0.16835	0.001076172	0	1.134E-15	-1.4014E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00105	-0.00051
0.1684	0.001076541	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00044	-0.00118
0.16845	0.00107691	0	1.134E-15	-1.4014E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00025	0.001361
0.1685	0.001077279	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00063	-0.00104
0.16855	0.001077648	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00113	-0.00064
0.1686	0.001078018	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00014	0.00094
0.16865	0.001078387	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00016	-0.00127
0.1687	0.001078756	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00071	-0.00048
0.16875	0.001079125	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.0006	2.69E-05
0.1688	0.001079494	0	1.134E-15	-1.4015E-16	-1.1E-15	1.4E-16	0.007384	0	-0.00118	0.001165
0.16885	0.001079864	0	1.262E-15	2.5162E-17	-1.1E-15	1.4E-16	0.007384	0	13.75134	35.47389
0.1689	0.001080267	0	1.262E-15	2.51615E-17	-1.4E-15	1.41E-17	0.008071	0	-3.08907	8.415375
0.16895	0.001080663	0	1.262E-15	2.51615E-17	-1.3E-15	3.35E-18	0.007917	0	-5.99863	6.117977
0.169	0.001081044	0	1.262E-15	2.51637E-17	-1.2E-15	1.89E-19	0.007617	0	2.943592	5.440466
0.16905	0.001081432	0	1.262E-15	2.51595E-17	-1.3E-15	-6.5E-19	0.007764	0	2.361521	5.25962
0.1691	0.001081826	0	1.262E-15	2.51538E-17	-1.3E-15	-4E-18	0.007882	0	-2.05308	4.53485
0.16915	0.001082215	0	1.262E-15	2.5157E-17	-1.3E-15	-9.2E-18	0.00778	0	-0.67311	3.416038
0.1692	0.001082602	0	1.262E-15	2.51497E-17	-1.2E-15	-1.5E-17	0.007746	0	1.182085	2.26809

0.16925	0.001082993	0	1.262E-15	2.51547E-17	-1.3E-15	-1.9E-17	0.007805	0	0.057891	1.364128
0.1693	0.001083383	0	1.262E-15	2.51511E-17	-1.3E-15	-2.2E-17	0.007808	0	-0.6054	0.763768
0.16935	0.001083772	0	1.262E-15	2.51496E-17	-1.3E-15	-2.3E-17	0.007778	0	0.115573	0.409574
0.1694	0.001084161	0	1.262E-15	2.51481E-17	-1.3E-15	-2.4E-17	0.007783	0	0.273952	0.214139
0.16945	0.001084551	0	1.262E-15	2.51436E-17	-1.3E-15	-2.5E-17	0.007797	0	-0.12372	0.109662
0.1695	0.001084941	0	1.262E-15	2.51462E-17	-1.3E-15	-2.5E-17	0.007791	0	-0.10784	0.056829
0.16955	0.00108533	0	1.262E-15	2.51424E-17	-1.3E-15	-2.5E-17	0.007785	0	0.086667	0.028226
0.1696	0.001085719	0	1.262E-15	2.51445E-17	-1.3E-15	-2.5E-17	0.00779	0	0.032435	0.01485
0.16965	0.001086109	0	1.262E-15	2.51409E-17	-1.3E-15	-2.5E-17	0.007791	0	-0.0514	0.006809
0.1697	0.001086498	0	1.262E-15	2.51411E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00436	0.003519
0.16975	0.001086888	0	1.262E-15	2.51438E-17	-1.3E-15	-2.5E-17	0.007789	0	0.025512	0.002357
0.1698	0.001087277	0	1.262E-15	2.51346E-17	-1.3E-15	-2.5E-17	0.00779	0	-0.00446	-0.00076
0.16985	0.001087667	0	1.262E-15	2.51383E-17	-1.3E-15	-2.5E-17	0.00779	0	-0.01178	0.000408
0.1699	0.001088056	0	1.262E-15	2.51332E-17	-1.3E-15	-2.5E-17	0.007789	0	0.003182	-0.00089
0.16995	0.001088446	0	1.262E-15	2.51372E-17	-1.3E-15	-2.5E-17	0.007789	0	0.004802	0.000402
0.17	0.001088835	0	1.262E-15	2.51355E-17	-1.3E-15	-2.5E-17	0.00779	0	-0.00321	-0.00017
0.17005	0.001089225	0	1.262E-15	2.51318E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.0029	-0.00087
0.1701	0.001089614	0	1.262E-15	2.51302E-17	-1.3E-15	-2.5E-17	0.007789	0	0.002041	-0.0008
0.17015	0.001090004	0	1.262E-15	2.51267E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.0001	-0.00116
0.1702	0.001090393	0	1.262E-15	2.51262E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00102	-0.00068
0.17025	0.001090782	0	1.262E-15	2.51271E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00102	-0.00016
0.1703	0.001091172	0	1.262E-15	2.51205E-17	-1.3E-15	-2.5E-17	0.007789	0	0.000292	-0.00149
0.17035	0.001091561	0	1.262E-15	2.51236E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00038	-0.00011
0.1704	0.001091951	0	1.262E-15	2.5124E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00056	3.82E-05
0.17045	0.00109234	0	1.262E-15	2.51184E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00048	-0.00118
0.1705	0.00109273	0	1.262E-15	2.51206E-17	-1.3E-15	-2.5E-17	0.007789	0	-8.8E-05	-0.00014
0.17055	0.001093119	0	1.262E-15	2.51194E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00095	-0.00033
0.1706	0.001093509	0	1.262E-15	2.51191E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00096	-0.00021
0.17065	0.001093898	0	1.262E-15	2.51172E-17	-1.3E-15	-2.5E-17	0.007789	0	0.001321	-0.00052
0.1707	0.001094288	0	1.262E-15	2.51136E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00105	-0.00105
0.17075	0.001094677	0	1.262E-15	2.51103E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00072	-0.00124
0.1708	0.001095067	0	1.262E-15	2.51105E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00076	-0.00059
0.17085	0.001095456	0	1.262E-15	2.51132E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00047	0.000288

0.1709	0.001095845	0	1.262E-15	2.51047E-17	-1.3E-15	-2.5E-17	0.007789	0	0.002463	-0.00168
0.17095	0.001096235	0	1.262E-15	2.51016E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00171	-0.00152
0.171	0.001096624	0	1.262E-15	2.51024E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00086	-0.00061
0.17105	0.001097014	0	1.262E-15	2.51009E-17	-1.3E-15	-2.5E-17	0.007789	0	0.000337	-0.00063
0.1711	0.001097403	0	1.262E-15	2.50988E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00028	-0.00077
0.17115	0.001097793	0	1.262E-15	2.50987E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00074	-0.00042
0.1712	0.001098182	0	1.262E-15	2.50961E-17	-1.3E-15	-2.5E-17	0.007789	0	8.35E-05	-0.00077
0.17125	0.001098572	0	1.262E-15	2.50974E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00081	-0.00012
0.1713	0.001098961	0	1.262E-15	2.50966E-17	-1.3E-15	-2.5E-17	0.007789	0	-0.00127	-0.00022
0.17135	0.00109935	0	1.262E-15	2.46816E-17	-1.3E-15	-2.5E-17	0.007789	0	0.059361	-0.08918
0.1714	0.00109974	0	1.262E-15	2.46793E-17	-1.3E-15	-2.5E-17	0.007792	0	-0.01505	-0.04603
0.17145	0.00110013	0	1.262E-15	2.4674E-17	-1.3E-15	-2.5E-17	0.007791	0	-0.02631	-0.02472
0.1715	0.001100519	0	1.262E-15	2.46759E-17	-1.3E-15	-2.5E-17	0.00779	0	0.012974	-0.01227
0.17155	0.001100909	0	1.262E-15	2.46736E-17	-1.3E-15	-2.5E-17	0.00779	0	0.010171	-0.0068
0.1716	0.001101298	0	1.262E-15	2.46733E-17	-1.3E-15	-2.5E-17	0.007791	0	-0.00992	-0.00355
0.17165	0.001101688	0	1.262E-15	2.46728E-17	-1.3E-15	-2.5E-17	0.00779	0	-0.00345	-0.00194
0.1717	0.001102077	0	1.262E-15	2.47302E-17	-1.3E-15	-2.5E-17	0.00779	0	-0.03352	0.011327
0.17175	0.001102467	0	1.262E-15	2.12323E-17	-1.3E-15	-2.5E-17	0.007789	0	0.04805	-0.7448
0.1718	0.001102856	0	1.262E-15	2.12308E-17	-1.3E-15	-2.3E-17	0.007791	0	0.004661	-0.38901
0.17185	0.001103246	0	1.262E-15	2.12266E-17	-1.3E-15	-2.2E-17	0.007791	0	-0.02555	-0.20883
0.1719	0.001103635	0	1.262E-15	2.12263E-17	-1.3E-15	-2.2E-17	0.00779	0	0.002571	-0.1131
0.17195	0.001104025	0	1.262E-15	2.12266E-17	-1.3E-15	-2.2E-17	0.00779	0	0.011658	-0.06154
0.172	0.001104414	0	1.262E-15	2.12255E-17	-1.3E-15	-2.1E-17	0.007791	0	-0.00461	-0.03388
0.17205	0.001104804	0	1.262E-15	2.12221E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00553	-0.01929
0.1721	0.001105193	0	1.262E-15	2.1226E-17	-1.3E-15	-2.1E-17	0.00779	0	0.003239	-0.00975
0.17215	0.001105583	0	1.262E-15	2.12165E-17	-1.3E-15	-2.1E-17	0.00779	0	0.000351	-0.0074
0.1722	0.001105972	0	1.262E-15	2.12163E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00234	-0.00409
0.17225	0.001106362	0	1.262E-15	2.12144E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00092	-0.00267
0.1723	0.001106751	0	1.262E-15	2.12113E-17	-1.3E-15	-2.1E-17	0.00779	0	0.001264	-0.00212
0.17235	0.001107141	0	1.262E-15	2.12095E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00022	-0.00155
0.1724	0.00110753	0	1.262E-15	2.12149E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00149	0.000315
0.17245	0.00110792	0	1.262E-15	2.12093E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00027	-0.00103
0.1725	0.001108309	0	1.262E-15	2.12088E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00014	-0.00068

0.17255	0.001108699	0	1.262E-15	2.1206E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00085	-0.00097
0.1726	0.001109088	0	1.262E-15	2.12049E-17	-1.3E-15	-2.1E-17	0.00779	0	0.000163	-0.00078
0.17265	0.001109478	0	1.262E-15	2.12027E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00068	-0.00089
0.1727	0.001109867	0	1.262E-15	2.11529E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00233	-0.01118
0.17275	0.001110257	0	1.262E-15	2.12144E-17	-1.3E-15	-2.1E-17	0.00779	0	-7.2E-05	0.007063
0.1728	0.001110646	0	1.262E-15	2.12124E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00025	0.00345
0.17285	0.001111036	0	1.262E-15	2.12143E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00054	0.002297
0.1729	0.001111425	0	1.262E-15	2.12116E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00052	0.000677
0.17295	0.001111815	0	1.262E-15	2.12119E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00013	0.00044
0.173	0.001112204	0	1.262E-15	2.1209E-17	-1.3E-15	-2.1E-17	0.00779	0	8.62E-05	-0.00038
0.17305	0.001112594	0	1.262E-15	2.12137E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00357	0.000792
0.1731	0.001112983	0	1.262E-15	2.12126E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00025	0.00021
0.17315	0.001113373	0	1.262E-15	2.12102E-17	-1.3E-15	-2.1E-17	0.00779	0	0.001813	-0.00041
0.1732	0.001113762	0	1.262E-15	2.1213E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00113	0.000385
0.17325	0.001114152	0	1.262E-15	2.12111E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00142	-0.00019
0.1733	0.001114541	0	1.262E-15	2.12098E-17	-1.3E-15	-2.1E-17	0.00779	0	0.000726	-0.0004
0.17335	0.001114931	0	1.262E-15	2.1214E-17	-1.3E-15	-2.1E-17	0.00779	0	0.001453	0.000693
0.1734	0.00111532	0	1.262E-15	2.12107E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.003	-0.00033
0.17345	0.00111571	0	1.262E-15	2.12105E-17	-1.3E-15	-2.1E-17	0.00779	0	0.000273	-0.00023
0.1735	0.001116099	0	1.262E-15	2.12103E-17	-1.3E-15	-2.1E-17	0.00779	0	0.000458	-0.00016
0.17355	0.001116489	0	1.262E-15	2.12069E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00095	-0.00083
0.1736	0.001116878	0	1.262E-15	2.12045E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00059	-0.00095
0.17365	0.001117268	0	1.262E-15	2.12069E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00014	-1.6E-05
0.1737	0.001117657	0	1.262E-15	2.12072E-17	-1.3E-15	-2.1E-17	0.00779	0	-0.00087	5.68E-05
0.17375	0.001118047	0	1.262E-15	2.12008E-17	-1.3E-15	-2.1E-17	0.007789	0	-0.00056	-0.00134
0.1738	0.001118436	0	1.262E-15	2.11985E-17	-1.3E-15	-2.1E-17	0.007789	0	0.000373	-0.00123
0.17385	0.001118825	0	1.262E-15	2.0891E-17	-1.3E-15	-2.1E-17	0.007789	0	-0.03689	-0.06667
0.1739	0.001119215	0	1.262E-15	2.08868E-17	-1.3E-15	-2.1E-17	0.007788	0	0.007861	-0.03757
0.17395	0.001119604	0	1.262E-15	2.08883E-17	-1.3E-15	-2.1E-17	0.007788	0	0.015737	-0.02039
0.174	0.001119994	0	1.262E-15	2.08834E-17	-1.3E-15	-2.1E-17	0.007789	0	-0.00838	-0.0123
0.17405	0.001120383	0	1.262E-15	2.08822E-17	-1.3E-15	-2.1E-17	0.007788	0	-0.00778	-0.00706
0.1741	0.001120772	0	1.262E-15	2.08838E-17	-1.3E-15	-2.1E-17	0.007788	0	0.006871	-0.00355
0.17415	0.001121162	0	1.262E-15	2.08793E-17	-1.3E-15	-2.1E-17	0.007788	0	0.000845	-0.00292

0.1742	0.001121551	0	1.262E-15	2.08819E-17	-1.3E-15	-2.1E-17	0.007788	0	-0.00429	-0.00107
0.17425	0.001121941	0	1.274E-15	2.91445E-17	-1.3E-15	-2.1E-17	0.007788	0	1.37149	1.772499
0.1743	0.001122334	0	1.274E-15	2.91444E-17	-1.3E-15	-2.5E-17	0.007857	0	-0.33544	0.944633
0.17435	0.001122726	0	1.274E-15	2.91466E-17	-1.3E-15	-2.7E-17	0.00784	0	-0.6022	0.475262
0.1744	0.001123116	0	1.274E-15	2.91431E-17	-1.3E-15	-2.8E-17	0.00781	0	0.315195	0.230612
0.17445	0.001123507	0	1.274E-15	2.9144E-17	-1.3E-15	-2.9E-17	0.007826	0	0.223571	0.110629
0.1745	0.001123899	0	1.274E-15	2.91385E-17	-1.3E-15	-2.9E-17	0.007837	0	-0.21319	0.051377
0.17455	0.00112429	0	1.274E-15	2.91412E-17	-1.3E-15	-2.9E-17	0.007826	0	-0.05986	0.024898
0.1746	0.001124682	0	1.274E-15	2.91396E-17	-1.3E-15	-2.9E-17	0.007823	0	0.12003	0.011435
0.17465	0.001125073	0	1.274E-15	2.91371E-17	-1.3E-15	-2.9E-17	0.007829	0	0.00032	0.00486
0.1747	0.001125465	0	1.274E-15	2.91398E-17	-1.3E-15	-2.9E-17	0.007829	0	-0.06123	0.002873
0.17475	0.001125856	0	1.274E-15	2.91381E-17	-1.3E-15	-2.9E-17	0.007826	0	0.014147	0.00098
0.1748	0.001126247	0	1.274E-15	2.91353E-17	-1.3E-15	-2.9E-17	0.007827	0	0.026184	-0.00014
0.17485	0.001126639	0	1.274E-15	2.91351E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.01355	-9.4E-05
0.1749	0.00112703	0	1.274E-15	2.91294E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.01042	-0.00127
0.17495	0.001127421	0	1.274E-15	2.91257E-17	-1.3E-15	-2.9E-17	0.007827	0	0.009312	-0.0014
0.175	0.001127813	0	1.274E-15	2.91244E-17	-1.3E-15	-2.9E-17	0.007827	0	0.002065	-0.00094
0.17505	0.001128204	0	1.274E-15	2.91245E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00652	-0.00042
0.1751	0.001128595	0	1.275E-15	2.91131E-17	-1.3E-15	-2.9E-17	0.007827	0	0.028811	-0.00265
0.17515	0.001128987	0	1.275E-15	2.91111E-17	-1.3E-15	-2.9E-17	0.007829	0	-0.00432	-0.00167
0.1752	0.001129378	0	1.275E-15	2.91075E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.01421	-0.00157
0.17525	0.00112977	0	1.275E-15	2.91086E-17	-1.3E-15	-2.9E-17	0.007828	0	0.005584	-0.0005
0.1753	0.001130161	0	1.275E-15	2.9102E-17	-1.3E-15	-2.9E-17	0.007828	0	0.004104	-0.00165
0.17535	0.001130552	0	1.275E-15	2.91069E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00444	0.000267
0.1754	0.001130944	0	1.275E-15	2.91033E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00138	-0.00065
0.17545	0.001131335	0	1.275E-15	2.91037E-17	-1.3E-15	-2.9E-17	0.007828	0	0.00128	-0.00023
0.1755	0.001131727	0	1.275E-15	2.91004E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.0006	-0.00082
0.17555	0.001132118	0	1.275E-15	2.90987E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000114	-0.00075
0.1756	0.001132509	0	1.275E-15	2.90961E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00187	-0.00091
0.17565	0.001132901	0	1.275E-15	2.90952E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00036	-0.00062
0.1757	0.001133292	0	1.275E-15	2.9093E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000333	-0.00076
0.17575	0.001133684	0	1.275E-15	2.90966E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00046	0.00041
0.1758	0.001134075	0	1.275E-15	2.91405E-17	-1.3E-15	-2.9E-17	0.007828	0	0.004995	0.009607

0.17585	0.001134466	0	1.275E-15	2.91409E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00206	0.004613
0.1759	0.001134858	0	1.275E-15	2.91366E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00251	0.001263
0.17595	0.001135249	0	1.275E-15	2.91342E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000582	7.66E-05
0.176	0.001135641	0	1.275E-15	2.91332E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000816	-0.00017
0.17605	0.001136032	0	1.275E-15	2.91351E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00117	0.000325
0.1761	0.001136423	0	1.275E-15	2.9133E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00162	-0.0003
0.17615	0.001136815	0	1.275E-15	2.9133E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000378	-0.00013
0.1762	0.001137206	0	1.275E-15	2.91271E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000999	-0.00134
0.17625	0.001137598	0	1.275E-15	2.91279E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00133	-0.00046
0.1763	0.001137989	0	1.275E-15	2.91253E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00097	-0.00078
0.17635	0.00113838	0	1.275E-15	2.91205E-17	-1.3E-15	-2.9E-17	0.007828	0	-4.4E-05	-0.00139
0.1764	0.001138772	0	1.275E-15	2.91238E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00024	6.42E-05
0.17645	0.001139163	0	1.275E-15	2.91206E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00035	-0.00067
0.1765	0.001139554	0	1.275E-15	2.91191E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00058	-0.00065
0.17655	0.001139946	0	1.275E-15	2.91203E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000301	-2.9E-05
0.1766	0.001140337	0	1.274E-15	2.91157E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00125	-0.00101
0.17665	0.001140729	0	1.274E-15	2.9116E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00056	-0.00041
0.1767	0.00114112	0	1.274E-15	2.91177E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.0004	0.000173
0.17675	0.001141511	0	1.274E-15	2.91153E-17	-1.3E-15	-2.9E-17	0.007828	0	0.000191	-0.00045
0.1768	0.001141903	0	1.274E-15	2.91124E-17	-1.3E-15	-2.9E-17	0.007828	0	-0.00096	-0.00083
0.17685	0.001142294	0	1.274E-15	2.9111E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00011	-0.00069
0.1769	0.001142685	0	1.274E-15	2.9114E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.0001	0.000314
0.17695	0.001143077	0	1.274E-15	2.9111E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00113	-0.00048
0.177	0.001143468	0	1.274E-15	2.91091E-17	-1.3E-15	-2.9E-17	0.007827	0	0.000289	-0.00064
0.17705	0.00114386	0	1.274E-15	2.91061E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00023	-0.00094
0.1771	0.001144251	0	1.274E-15	2.91055E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.0009	-0.00059
0.17715	0.001144642	0	1.274E-15	2.91032E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00146	-0.00077
0.1772	0.001145034	0	1.274E-15	2.91072E-17	-1.3E-15	-2.9E-17	0.007827	0	-9.3E-05	0.000501
0.17725	0.001145425	0	1.274E-15	2.91021E-17	-1.3E-15	-2.9E-17	0.007827	0	0.0006	-0.00087
0.1773	0.001145816	0	1.274E-15	2.91019E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00076	-0.00043
0.17735	0.001146208	0	1.274E-15	2.90962E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00052	-0.00143
0.1774	0.001146599	0	1.274E-15	2.90953E-17	-1.3E-15	-2.9E-17	0.007827	0	3.97E-05	-0.00089
0.17745	0.001146991	0	1.274E-15	2.90941E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00048	-0.00066

0.1775	0.001147382	0	1.274E-15	2.90941E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00103	-0.00033
0.17755	0.001147773	0	1.274E-15	2.90965E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00011	0.000364
0.1776	0.001148165	0	1.274E-15	2.90915E-17	-1.3E-15	-2.9E-17	0.007827	0	-9.4E-05	-0.0009
0.17765	0.001148556	0	1.274E-15	2.90918E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00066	-0.00035
0.1777	0.001148947	0	1.274E-15	2.90876E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.0007	-0.00108
0.17775	0.001149339	0	1.274E-15	2.90884E-17	-1.3E-15	-2.9E-17	0.007827	0	0.001331	-0.00034
0.1778	0.00114973	0	1.274E-15	2.90878E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00091	-0.00029
0.17785	0.001150121	0	1.274E-15	2.90852E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00057	-0.00068
0.1779	0.001150513	0	1.274E-15	2.90867E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00143	-1.5E-05
0.17795	0.001150904	0	1.274E-15	2.90852E-17	-1.3E-15	-2.9E-17	0.007827	0	0.000113	-0.00033
0.178	0.001151295	0	1.274E-15	2.90862E-17	-1.3E-15	-2.9E-17	0.007827	0	0.000488	7.59E-05
0.17805	0.001151687	0	1.274E-15	2.90833E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00032	-0.0006
0.1781	0.001152078	0	1.274E-15	2.90829E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00144	-0.00035
0.17815	0.00115247	0	1.274E-15	2.90845E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00033	0.000173
0.1782	0.001152861	0	1.274E-15	2.9081E-17	-1.3E-15	-2.9E-17	0.007827	0	-0.00068	-0.00068
0.17825	0.001153252	0	1.28E-15	2.45938E-17	-1.3E-15	-2.9E-17	0.007827	0	0.642669	-0.96323
0.1783	0.001153645	0	1.28E-15	2.45911E-17	-1.3E-15	-2.7E-17	0.007859	0	-0.16106	-0.46577
0.17835	0.001154038	0	1.28E-15	2.4591E-17	-1.3E-15	-2.6E-17	0.007851	0	-0.28145	-0.23239
0.1784	0.00115443	0	1.28E-15	2.45934E-17	-1.3E-15	-2.5E-17	0.007837	0	0.150315	-0.11723
0.17845	0.001154822	0	1.28E-15	2.45907E-17	-1.3E-15	-2.5E-17	0.007844	0	0.10187	-0.06045
0.1785	0.001155214	0	1.28E-15	2.45881E-17	-1.3E-15	-2.5E-17	0.00785	0	-0.10108	-0.03154
0.17855	0.001155606	0	1.28E-15	2.46767E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.03163	0.002813
0.1786	0.001155999	0	1.28E-15	2.45658E-17	-1.3E-15	-2.5E-17	0.007843	0	0.054737	-0.02235
0.17865	0.001156391	0	1.28E-15	2.45608E-17	-1.3E-15	-2.5E-17	0.007846	0	0.00106	-0.01256
0.1787	0.001156783	0	1.28E-15	2.45596E-17	-1.3E-15	-2.5E-17	0.007846	0	-0.02884	-0.00673
0.17875	0.001157175	0	1.28E-15	2.45604E-17	-1.3E-15	-2.5E-17	0.007844	0	0.005771	-0.0033
0.1788	0.001157568	0	1.28E-15	2.4556E-17	-1.3E-15	-2.5E-17	0.007845	0	0.012617	-0.00262
0.17885	0.00115796	0	1.28E-15	2.45567E-17	-1.3E-15	-2.5E-17	0.007845	0	-0.00682	-0.00121
0.1789	0.001158352	0	1.28E-15	2.45564E-17	-1.3E-15	-2.5E-17	0.007845	0	-0.00483	-0.00068
0.17895	0.001158744	0	1.28E-15	2.4554E-17	-1.3E-15	-2.5E-17	0.007845	0	0.00389	-0.00087
0.179	0.001159137	0	1.28E-15	2.45521E-17	-1.3E-15	-2.5E-17	0.007845	0	6.71E-05	-0.00087
0.17905	0.001159529	0	1.28E-15	2.45544E-17	-1.3E-15	-2.5E-17	0.007845	0	-0.00298	4.84E-05
0.1791	0.001159921	0	1.28E-15	2.45537E-17	-1.3E-15	-2.5E-17	0.007845	0	0.000902	-0.00012

0.17915	0.001160313	0	1.28E-15	2.45045E-17	-1.3E-15	-2.5E-17	0.007845	0	-0.00647	-0.01063
0.1792	0.001160706	0	1.28E-15	2.4508E-17	-1.3E-15	-2.5E-17	0.007844	0	0.000345	-0.00471
0.17925	0.001161098	0	1.28E-15	2.45024E-17	-1.3E-15	-2.5E-17	0.007844	0	0.002568	-0.00363
0.1793	0.00116149	0	1.28E-15	2.45051E-17	-1.3E-15	-2.5E-17	0.007845	0	-0.0018	-0.0013
0.17935	0.001161882	0	1.28E-15	2.45034E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00227	-0.00103
0.1794	0.001162274	0	1.28E-15	2.45054E-17	-1.3E-15	-2.5E-17	0.007844	0	0.000758	-9.7E-05
0.17945	0.001162667	0	1.28E-15	2.44991E-17	-1.3E-15	-2.5E-17	0.007844	0	0.0004	-0.00141
0.1795	0.001163059	0	1.28E-15	2.44989E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00118	-0.00077
0.17955	0.001163451	0	1.28E-15	2.44992E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00037	-0.00033
0.1796	0.001163843	0	1.28E-15	2.45008E-17	-1.3E-15	-2.4E-17	0.007844	0	1.95E-05	0.000183
0.17965	0.001164235	0	1.28E-15	2.4502E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00076	0.000354
0.1797	0.001164628	0	1.28E-15	2.44944E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00014	-0.00145
0.17975	0.00116502	0	1.28E-15	2.44971E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00077	-0.00018
0.1798	0.001165412	0	1.28E-15	2.44941E-17	-1.3E-15	-2.4E-17	0.007844	0	0.00037	-0.00074
0.17985	0.001165804	0	1.28E-15	2.44959E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00022	2.2E-05
0.1799	0.001166197	0	1.28E-15	2.44934E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00139	-0.00054
0.17995	0.001166589	0	1.28E-15	2.44957E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00028	0.000209
0.18	0.001166981	0	1.28E-15	2.4494E-17	-1.3E-15	-2.4E-17	0.007844	0	0.000465	-0.00024
0.18005	0.001167373	0	1.28E-15	2.44967E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00083	0.000443
0.1801	0.001167765	0	1.28E-15	2.4492E-17	-1.3E-15	-2.4E-17	0.007844	0	5.25E-05	-0.00077
0.18015	0.001168158	0	1.28E-15	2.44937E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00075	-4.4E-05
0.1802	0.00116855	0	1.28E-15	2.44878E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.00076	-0.00128
0.18025	0.001168942	0	1.28E-15	2.46569E-17	-1.3E-15	-2.4E-17	0.007844	0	-0.0097	0.035619
0.1803	0.001169334	0	1.28E-15	2.46573E-17	-1.3E-15	-2.5E-17	0.007844	0	0.001997	0.018439
0.18035	0.001169726	0	1.28E-15	2.46554E-17	-1.3E-15	-2.5E-17	0.007844	0	0.003784	0.009084
0.1804	0.001170119	0	1.28E-15	2.46562E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00173	0.004847
0.18045	0.001170511	0	1.28E-15	2.4655E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00262	0.002244
0.1805	0.001170903	0	1.28E-15	2.46534E-17	-1.3E-15	-2.5E-17	0.007844	0	0.00729	0.0008
0.18055	0.001171295	0	1.28E-15	2.46494E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00028	-0.00044
0.1806	0.001171687	0	1.28E-15	2.46486E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.0053	-0.00041
0.18065	0.00117208	0	1.28E-15	2.46596E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00036	0.002145
0.1807	0.001172472	0	1.28E-15	2.46587E-17	-1.3E-15	-2.5E-17	0.007844	0	0.002388	0.000919
0.18075	0.001172864	0	1.28E-15	2.46568E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00105	6.43E-05

0.1808	0.001173256	0	1.28E-15	2.46576E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.0011	0.000202
0.18085	0.001173648	0	1.28E-15	2.46561E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00072	-0.00021
0.1809	0.00117404	0	1.28E-15	2.46563E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00037	-7.5E-05
0.18095	0.001174433	0	1.28E-15	2.46555E-17	-1.3E-15	-2.5E-17	0.007844	0	3.05E-05	-0.00021
0.181	0.001174825	0	1.28E-15	2.46532E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00055	-0.0006
0.18105	0.001175217	0	1.28E-15	2.4655E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00046	8.67E-05
0.1811	0.001175609	0	1.28E-15	2.46534E-17	-1.3E-15	-2.5E-17	0.007844	0	8.57E-05	-0.00031
0.18115	0.001176001	0	1.28E-15	2.46525E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00073	-0.00035
0.1812	0.001176394	0	1.28E-15	2.46536E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00094	6.37E-05
0.18125	0.001176786	0	1.28E-15	2.46505E-17	-1.3E-15	-2.5E-17	0.007844	0	0.000242	-0.00065
0.1813	0.001177178	0	1.28E-15	2.46501E-17	-1.3E-15	-2.5E-17	0.007844	0	-0.00092	-0.00042
0.18135	0.00117757	0	1.28E-15	2.46383E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00031	-0.00274
0.1814	0.001177962	0	1.28E-15	2.46366E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00025	-0.00178
0.18145	0.001178354	0	1.28E-15	2.46378E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00049	-0.00065
0.1815	0.001178747	0	1.28E-15	2.46404E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00243	0.000212
0.18155	0.001179139	0	1.28E-15	2.46345E-17	-1.3E-15	-2.5E-17	0.007843	0	0.002684	-0.00115
0.1816	0.001179531	0	1.28E-15	2.46314E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00065	-0.00125
0.18165	0.001179923	0	1.28E-15	2.46327E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00154	-0.00036
0.1817	0.001180315	0	1.28E-15	2.463E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00021	-0.00077
0.18175	0.001180707	0	1.28E-15	2.46342E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00181	0.000514
0.1818	0.0011811	0	1.28E-15	2.46299E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.0003	-0.00066
0.18185	0.001181492	0	1.28E-15	2.46315E-17	-1.3E-15	-2.5E-17	0.007843	0	-5.5E-05	2.04E-06
0.1819	0.001181884	0	1.28E-15	2.46315E-17	-1.3E-15	-2.5E-17	0.007843	0	0.000237	3.76E-06
0.18195	0.001182276	0	1.28E-15	2.46293E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00102	-0.00047
0.182	0.001182668	0	1.28E-15	2.46081E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00054	-0.00479
0.18205	0.00118306	0	1.28E-15	2.46114E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.00033	-0.00177
0.1821	0.001183453	0	1.28E-15	2.46062E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.0005	-0.00201
0.18215	0.001183845	0	1.273E-15	2.9689E-17	-1.3E-15	-2.5E-17	0.007843	0	-0.71061	1.089686
0.1822	0.001184235	0	1.273E-15	2.96912E-17	-1.3E-15	-2.7E-17	0.007808	0	0.174598	0.547835
0.18225	0.001184626	0	1.273E-15	2.96916E-17	-1.3E-15	-2.8E-17	0.007816	0	0.312172	0.265243
0.1823	0.001185017	0	1.273E-15	2.96875E-17	-1.3E-15	-2.9E-17	0.007832	0	-0.16509	0.125104
0.18235	0.001185409	0	1.273E-15	2.96899E-17	-1.3E-15	-2.9E-17	0.007824	0	-0.11527	0.059394
0.1824	0.0011858	0	1.273E-15	2.96889E-17	-1.3E-15	-3E-17	0.007818	0	0.109706	0.027617

0.18245	0.001186191	0	1.273E-15	2.96873E-17	-1.3E-15	-3E-17	0.007823	0	0.030045	0.012574
0.1825	0.001186582	0	1.273E-15	2.96241E-17	-1.3E-15	-3E-17	0.007825	0	-0.05728	-0.00769
0.18255	0.001186973	0	1.273E-15	2.96234E-17	-1.3E-15	-3E-17	0.007822	0	-0.00132	-0.00375
0.1826	0.001187364	0	1.273E-15	2.96214E-17	-1.3E-15	-3E-17	0.007822	0	0.028219	-0.00219
0.18265	0.001187755	0	1.273E-15	2.96209E-17	-1.3E-15	-3E-17	0.007823	0	-0.00717	-0.00113
0.1827	0.001188146	0	1.273E-15	2.96181E-17	-1.3E-15	-3E-17	0.007823	0	-0.01356	-0.00113
0.18275	0.001188538	0	1.273E-15	2.96168E-17	-1.3E-15	-3E-17	0.007822	0	0.006614	-0.0008
0.1828	0.001188929	0	1.273E-15	2.96191E-17	-1.3E-15	-3E-17	0.007823	0	0.004196	0.000128
0.18285	0.00118932	0	1.273E-15	2.96158E-17	-1.3E-15	-3E-17	0.007823	0	-0.00543	-0.00066
0.1829	0.001189711	0	1.273E-15	2.96114E-17	-1.3E-15	-3E-17	0.007823	0	-0.00023	-0.00125
0.18295	0.001190102	0	1.273E-15	2.9614E-17	-1.3E-15	-3E-17	0.007823	0	0.000842	-2.1E-05
0.183	0.001190493	0	1.273E-15	2.96144E-17	-1.3E-15	-3E-17	0.007823	0	-0.00053	7.92E-05
0.18305	0.001190884	0	1.273E-15	2.96107E-17	-1.3E-15	-3E-17	0.007823	0	-0.00024	-0.00076
0.1831	0.001191276	0	1.273E-15	2.96134E-17	-1.3E-15	-3E-17	0.007823	0	-0.00043	0.000231
0.18315	0.001191667	0	1.273E-15	2.96111E-17	-1.3E-15	-3E-17	0.007823	0	-0.00129	-0.00039
0.1832	0.001192058	0	1.273E-15	2.96115E-17	-1.3E-15	-3E-17	0.007823	0	0.000634	-9.9E-05
0.18325	0.001192449	0	1.273E-15	2.96067E-17	-1.3E-15	-3E-17	0.007823	0	-0.00042	-0.00107
0.1833	0.00119284	0	1.273E-15	2.96078E-17	-1.3E-15	-3E-17	0.007823	0	-0.00016	-0.00028
0.18335	0.001193231	0	1.273E-15	2.95845E-17	-1.3E-15	-3E-17	0.007823	0	-0.00392	-0.00511
0.1834	0.001193622	0	1.273E-15	2.95835E-17	-1.3E-15	-3E-17	0.007822	0	0.000875	-0.00262
0.18345	0.001194013	0	1.273E-15	2.9656E-17	-1.3E-15	-3E-17	0.007822	0	0.000773	0.014339
0.1835	0.001194405	0	1.273E-15	2.96571E-17	-1.3E-15	-3E-17	0.007822	0	-0.00114	0.006949
0.18355	0.001194796	0	1.273E-15	2.96561E-17	-1.3E-15	-3E-17	0.007822	0	-0.00089	0.003029
0.1836	0.001195187	0	1.273E-15	2.96523E-17	-1.3E-15	-3E-17	0.007822	0	-1.7E-05	0.000595
0.18365	0.001195578	0	1.273E-15	2.96527E-17	-1.3E-15	-3E-17	0.007822	0	0.000496	0.000367
0.1837	0.001195969	0	1.273E-15	2.95687E-17	-1.3E-15	-3E-17	0.007822	0	0.021704	-0.01787
0.18375	0.00119636	0	1.273E-15	2.95684E-17	-1.3E-15	-3E-17	0.007823	0	-0.00739	-0.00842
0.1838	0.001196751	0	1.25E-15	7.24057E-17	-1.3E-15	-3E-17	0.007823	0	-2.513	9.188562
0.18385	0.001197136	0	1.25E-15	7.23982E-17	-1.2E-15	-5.7E-17	0.007697	0	0.58616	3.353234
0.1839	0.001197523	0	1.25E-15	7.23941E-17	-1.2E-15	-6.9E-17	0.007727	0	1.125928	0.754101
0.18395	0.001197912	0	1.25E-15	7.23892E-17	-1.3E-15	-7.2E-17	0.007783	0	-0.55301	0.134174
0.184	0.001198299	0	1.25E-15	7.23784E-17	-1.3E-15	-7.2E-17	0.007755	0	-0.43523	0.020409
0.18405	0.001198686	0	1.25E-15	7.23763E-17	-1.2E-15	-7.2E-17	0.007734	0	0.374685	0.002969

0.1841	0.001199074	0	1.25E-15	7.23706E-17	-1.3E-15	-7.2E-17	0.007752	0	0.131318	-0.00072
0.18415	0.001199462	0	1.25E-15	7.23662E-17	-1.3E-15	-7.2E-17	0.007759	0	-0.2187	-0.00107
0.1842	0.001199849	0	1.25E-15	7.23581E-17	-1.2E-15	-7.2E-17	0.007748	0	-0.01656	-0.00191
0.18425	0.001200236	0	1.25E-15	7.23507E-17	-1.2E-15	-7.2E-17	0.007747	0	0.112244	-0.00191
0.1843	0.001200624	0	1.25E-15	7.23444E-17	-1.3E-15	-7.2E-17	0.007753	0	-0.01873	-0.00167
0.18435	0.001201012	0	1.25E-15	7.23402E-17	-1.2E-15	-7.2E-17	0.007752	0	-0.05228	-0.00116
0.1844	0.001201399	0	1.25E-15	7.23326E-17	-1.2E-15	-7.2E-17	0.007749	0	0.019432	-0.00185
0.18445	0.001201787	0	1.25E-15	7.23273E-17	-1.2E-15	-7.2E-17	0.00775	0	0.021386	-0.00145
0.1845	0.001202174	0	1.25E-15	7.23206E-17	-1.2E-15	-7.2E-17	0.007751	0	-0.01575	-0.00167
0.18455	0.001202562	0	1.249E-15	7.23151E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00788	-0.00146
0.1846	0.001202949	0	1.249E-15	7.23103E-17	-1.2E-15	-7.2E-17	0.00775	0	0.00882	-0.00127
0.18465	0.001203337	0	1.249E-15	7.22964E-17	-1.2E-15	-7.2E-17	0.00775	0	0.000455	-0.0032
0.1847	0.001203724	0	1.249E-15	7.22901E-17	-1.2E-15	-7.2E-17	0.007751	0	-0.00545	-0.00189
0.18475	0.001204112	0	1.249E-15	7.22845E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00052	-0.00154
0.1848	0.001204499	0	1.249E-15	7.22811E-17	-1.2E-15	-7.2E-17	0.00775	0	0.002154	-0.00097
0.18485	0.001204887	0	1.249E-15	7.22763E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00123	-0.00121
0.1849	0.001205274	0	1.249E-15	7.22711E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00249	-0.0013
0.18495	0.001205662	0	1.249E-15	7.22622E-17	-1.2E-15	-7.2E-17	0.00775	0	0.000743	-0.00214
0.185	0.001206049	0	1.249E-15	7.22576E-17	-1.2E-15	-7.2E-17	0.00775	0	0.000191	-0.00135
0.18505	0.001206437	0	1.249E-15	7.22514E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00041	-0.00155
0.1851	0.001206824	0	1.249E-15	7.17425E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.02853	-0.10946
0.18515	0.001207212	0	1.249E-15	7.17358E-17	-1.2E-15	-7.2E-17	0.007749	0	0.005569	-0.01999
0.1852	0.001207599	0	1.249E-15	7.17293E-17	-1.2E-15	-7.2E-17	0.007749	0	0.011723	-0.0048
0.18525	0.001207987	0	1.249E-15	7.1719E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00644	-0.00304
0.1853	0.001208374	0	1.249E-15	7.17163E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00541	-0.0011
0.18535	0.001208762	0	1.249E-15	7.17123E-17	-1.2E-15	-7.2E-17	0.007749	0	0.00324	-0.00104
0.1854	0.001209149	0	1.249E-15	7.17034E-17	-1.2E-15	-7.2E-17	0.007749	0	0.001283	-0.00209
0.18545	0.001209537	0	1.249E-15	7.1614E-17	-1.2E-15	-7.2E-17	0.007749	0	0.005988	-0.01953
0.1855	0.001209924	0	1.249E-15	7.161E-17	-1.2E-15	-7.2E-17	0.00775	0	-0.00274	-0.00422
0.18555	0.001210311	0	1.249E-15	7.16001E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00389	-0.00283
0.1856	0.001210699	0	1.249E-15	7.1601E-17	-1.2E-15	-7.2E-17	0.007749	0	0.000863	-0.00029
0.18565	0.001211086	0	1.249E-15	7.15959E-17	-1.2E-15	-7.2E-17	0.007749	0	0.000932	-0.00115
0.1857	0.001211474	0	1.249E-15	7.15819E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00218	-0.0032

0.18575	0.001211861	0	1.249E-15	7.15805E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00079	-0.00086
0.1858	0.001212249	0	1.249E-15	7.1567E-17	-1.2E-15	-7.2E-17	0.007749	0	0.00016	-0.00305
0.18585	0.001212636	0	1.249E-15	7.15626E-17	-1.2E-15	-7.2E-17	0.007749	0	0.000121	-0.00145
0.1859	0.001213024	0	1.249E-15	7.15557E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00174	-0.00173
0.18595	0.001213411	0	1.249E-15	7.15517E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00071	-0.00116
0.186	0.001213799	0	1.249E-15	7.15445E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00019	-0.00175
0.18605	0.001214186	0	1.249E-15	7.15381E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00041	-0.00167
0.1861	0.001214573	0	1.249E-15	7.15303E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00119	-0.00197
0.18615	0.001214961	0	1.249E-15	7.15285E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00022	-0.00071
0.1862	0.001215348	0	1.249E-15	7.15136E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00025	-0.00333
0.18625	0.001215736	0	1.249E-15	7.15016E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00125	-0.00315
0.1863	0.001216123	0	1.249E-15	7.14994E-17	-1.2E-15	-7.2E-17	0.007749	0	-0.00139	-0.00101
0.18635	0.001216511	0	1.249E-15	7.14902E-17	-1.2E-15	-7.2E-17	0.007749	0	0.001127	-0.00214
0.1864	0.001216898	0	1.249E-15	7.14872E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00097	-0.00103
0.18645	0.001217286	0	1.249E-15	7.14781E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00138	-0.00214
0.1865	0.001217673	0	1.249E-15	7.1474E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.0002	-0.00125
0.18655	0.00121806	0	1.249E-15	7.14681E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00061	-0.00147
0.1866	0.001218448	0	1.249E-15	7.14625E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00061	-0.00146
0.18665	0.001218835	0	1.249E-15	7.14566E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00082	-0.00151
0.1867	0.001219223	0	1.249E-15	7.14484E-17	-1.2E-15	-7.1E-17	0.007749	0	0.000158	-0.00202
0.18675	0.00121961	0	1.249E-15	7.14429E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00132	-0.00154
0.1868	0.001219998	0	1.249E-15	7.14396E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00078	-0.00097
0.18685	0.001220385	0	1.249E-15	7.14319E-17	-1.2E-15	-7.1E-17	0.007749	0	0.000578	-0.00181
0.1869	0.001220772	0	1.249E-15	7.14279E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00148	-0.00118
0.18695	0.00122116	0	1.249E-15	7.14184E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00074	-0.00224
0.187	0.001221547	0	1.249E-15	7.14057E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.0011	-0.00311
0.18705	0.001221935	0	1.249E-15	7.14826E-17	-1.2E-15	-7.1E-17	0.007748	0	0.00474	0.015965
0.1871	0.001222322	0	1.249E-15	7.14819E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00166	0.002603
0.18715	0.00122271	0	1.249E-15	7.14732E-17	-1.2E-15	-7.1E-17	0.007749	0	-0.00345	-0.00141
0.1872	0.001223097	0	1.249E-15	7.14666E-17	-1.2E-15	-7.1E-17	0.007748	0	0.001143	-0.00166
0.18725	0.001223484	0	1.249E-15	7.14545E-17	-1.2E-15	-7.1E-17	0.007748	0	0.001154	-0.00287
0.1873	0.001223872	0	1.249E-15	7.14473E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00173	-0.00204
0.18735	0.001224259	0	1.249E-15	7.14426E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00174	-0.00137

0.1874	0.001224647	0	1.249E-15	7.14368E-17	-1.2E-15	-7.1E-17	0.007748	0	0.000548	-0.00149
0.18745	0.001225034	0	1.249E-15	7.14302E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00049	-0.00167
0.1875	0.001225422	0	1.249E-15	7.14228E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00054	-0.00187
0.18755	0.001225809	0	1.249E-15	7.14194E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00143	-0.00105
0.1876	0.001226196	0	1.249E-15	7.14128E-17	-1.2E-15	-7.1E-17	0.007748	0	0.00017	-0.00162
0.18765	0.001226584	0	1.249E-15	7.14039E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00086	-0.00218
0.1877	0.001226971	0	1.249E-15	7.13976E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00095	-0.00173
0.18775	0.001227359	0	1.249E-15	7.13935E-17	-1.2E-15	-7.1E-17	0.007748	0	-8.8E-05	-0.00118
0.1878	0.001227746	0	1.249E-15	7.13886E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00098	-0.00126
0.18785	0.001228133	0	1.249E-15	7.1383E-17	-1.2E-15	-7.1E-17	0.007748	0	0.000195	-0.00143
0.1879	0.001228521	0	1.249E-15	7.13739E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00053	-0.00218
0.18795	0.001228908	0	1.249E-15	7.13689E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00142	-0.00145
0.188	0.001229296	0	1.249E-15	7.13647E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.0002	-0.00116
0.18805	0.001229683	0	1.249E-15	7.13572E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00071	-0.0018
0.1881	0.00123007	0	1.249E-15	7.13477E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00073	-0.00235
0.18815	0.001230458	0	1.249E-15	7.13397E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00022	-0.00214
0.1882	0.001230845	0	1.249E-15	7.13362E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00015	-0.00111
0.18825	0.001231233	0	1.249E-15	7.13318E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00099	-0.00114
0.1883	0.00123162	0	1.249E-15	7.13221E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00077	-0.00227
0.18835	0.001232007	0	1.249E-15	7.13187E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00067	-0.00113
0.1884	0.001232395	0	1.249E-15	7.13136E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00088	-0.00128
0.18845	0.001232782	0	1.249E-15	7.13083E-17	-1.2E-15	-7.1E-17	0.007748	0	2.08E-05	-0.00136
0.1885	0.00123317	0	1.249E-15	7.12982E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00131	-0.0024
0.18855	0.001233557	0	1.249E-15	7.12964E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00079	-0.0008
0.1886	0.001233944	0	1.249E-15	7.12885E-17	-1.2E-15	-7.1E-17	0.007748	0	-9.2E-05	-0.00185
0.18865	0.001234332	0	1.249E-15	7.12802E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00093	-0.00209
0.1887	0.001234719	0	1.249E-15	7.12687E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00087	-0.00282
0.18875	0.001235106	0	1.249E-15	7.12693E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00035	-0.00038
0.1888	0.001235494	0	1.249E-15	7.12624E-17	-1.2E-15	-7.1E-17	0.007747	0	0.000505	-0.00154
0.18885	0.001235881	0	1.249E-15	7.12565E-17	-1.2E-15	-7.1E-17	0.007748	0	-0.00115	-0.00153
0.1889	0.001236269	0	1.249E-15	7.12558E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.003	-0.00042
0.18895	0.001236656	0	1.249E-15	7.12486E-17	-1.2E-15	-7.1E-17	0.007747	0	2.22E-05	-0.00161
0.189	0.001237043	0	1.248E-15	7.12415E-17	-1.2E-15	-7.1E-17	0.007747	0	0.000633	-0.0018

0.18905	0.001237431	0	1.248E-15	7.12777E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00341	0.007437
0.1891	0.001237818	0	1.248E-15	7.12716E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00146	-2E-06
0.18915	0.001238205	0	1.248E-15	7.12636E-17	-1.2E-15	-7.1E-17	0.007747	0	0.000726	-0.00171
0.1892	0.001238593	0	1.248E-15	7.1257E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00016	-0.00172
0.18925	0.00123898	0	1.248E-15	7.11731E-17	-1.2E-15	-7.1E-17	0.007747	0	0.00075	-0.01831
0.1893	0.001239367	0	1.248E-15	7.11663E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00086	-0.00465
0.18935	0.001239755	0	1.248E-15	7.11568E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00099	-0.00284
0.1894	0.001240142	0	1.248E-15	7.11602E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0003	0.000239
0.18945	0.001240529	0	1.248E-15	7.11471E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0012	-0.00278
0.1895	0.001240917	0	1.248E-15	7.11418E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00076	-0.00162
0.18955	0.001241304	0	1.248E-15	7.11347E-17	-1.2E-15	-7.1E-17	0.007747	0	0.000218	-0.00181
0.1896	0.001241692	0	1.248E-15	7.11305E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0004	-0.00121
0.18965	0.001242079	0	1.248E-15	7.11229E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0011	-0.00183
0.1897	0.001242466	0	1.248E-15	7.11084E-17	-1.2E-15	-7.1E-17	0.007747	0	2.49E-05	-0.00345
0.18975	0.001242854	0	1.248E-15	7.11049E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00141	-0.00134
0.1898	0.001243241	0	1.248E-15	7.10982E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00056	-0.00168
0.18985	0.001243628	0	1.248E-15	7.10902E-17	-1.2E-15	-7.1E-17	0.007747	0	0.000249	-0.00201
0.1899	0.001244016	0	1.248E-15	7.10833E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00106	-0.00184
0.18995	0.001244403	0	1.248E-15	7.10759E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00049	-0.00191
0.19	0.00124479	0	1.248E-15	7.10775E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00035	1.6E-05
0.19005	0.001245178	0	1.248E-15	7.10645E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0009	-0.00279
0.1901	0.001245565	0	1.248E-15	7.10578E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00109	-0.00192
0.19015	0.001245952	0	1.248E-15	7.10541E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00065	-0.00114
0.1902	0.00124634	0	1.248E-15	7.10413E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00036	-0.00294
0.19025	0.001246727	0	1.248E-15	7.10376E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.0003	-0.0013
0.1903	0.001247114	0	1.248E-15	7.10304E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00125	-0.00178
0.19035	0.001247502	0	1.248E-15	7.10259E-17	-1.2E-15	-7.1E-17	0.007746	0	0.000508	-0.00127
0.1904	0.001247889	0	1.248E-15	7.10185E-17	-1.2E-15	-7.1E-17	0.007747	0	-0.00087	-0.0018
0.19045	0.001248276	0	1.248E-15	7.10136E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00136	-0.00138
0.1905	0.001248664	0	1.248E-15	7.10062E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00042	-0.00184
0.19055	0.001249051	0	1.248E-15	7.09953E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00015	-0.00266
0.1906	0.001249438	0	1.248E-15	7.09938E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00063	-0.00079
0.19065	0.001249825	0	1.248E-15	7.09853E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00059	-0.00196

0.1907	0.001250213	0	1.248E-15	7.09817E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00093	-0.00111
0.19075	0.0012506	0	1.248E-15	7.09776E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00055	-0.00107
0.1908	0.001250987	0	1.248E-15	7.09655E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00025	-0.0028
0.19085	0.001251375	0	1.248E-15	7.09656E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00065	-0.00047
0.1909	0.001251762	0	1.248E-15	7.09543E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00068	-0.0025
0.19095	0.001252149	0	1.248E-15	7.09493E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00044	-0.0015
0.191	0.001252537	0	1.248E-15	7.09458E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00127	-0.00102
0.19105	0.001252924	0	1.248E-15	7.09436E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00026	-0.00065
0.1911	0.001253311	0	1.248E-15	7.09326E-17	-1.2E-15	-7.1E-17	0.007746	0	-0.00044	-0.00248
0.19115	0.001253699	0	1.252E-15	5.04527E-17	-1.2E-15	-7.1E-17	0.007746	0	0.374323	-4.39524
0.1912	0.001254087	0	1.252E-15	5.04505E-17	-1.3E-15	-5.5E-17	0.007765	0	-0.08737	-0.98832
0.19125	0.001254475	0	1.252E-15	5.04391E-17	-1.3E-15	-5.2E-17	0.00776	0	-0.16803	-0.28395
0.1913	0.001254862	0	1.252E-15	5.04346E-17	-1.2E-15	-5.1E-17	0.007752	0	0.08181	-0.08586
0.19135	0.00125525	0	1.252E-15	5.0432E-17	-1.3E-15	-5.1E-17	0.007756	0	0.063453	-0.02659
0.1914	0.001255638	0	1.252E-15	5.04212E-17	-1.3E-15	-5E-17	0.007759	0	-0.05691	-0.01042
0.19145	0.001256026	0	1.252E-15	5.04158E-17	-1.3E-15	-5E-17	0.007756	0	-0.01976	-0.00432
0.1915	0.001256414	0	1.251E-15	5.04018E-17	-1.3E-15	-5E-17	0.007755	0	0.03131	-0.00433
0.19155	0.001256802	0	1.251E-15	5.0399E-17	-1.3E-15	-5E-17	0.007757	0	0.001486	-0.00191
0.1916	0.00125719	0	1.251E-15	5.03891E-17	-1.3E-15	-5E-17	0.007757	0	-0.0177	-0.00272
0.19165	0.001257577	0	1.251E-15	5.03825E-17	-1.3E-15	-5E-17	0.007756	0	0.003229	-0.00223
0.1917	0.001257965	0	1.251E-15	5.03676E-17	-1.3E-15	-5E-17	0.007756	0	0.001548	-0.00388
0.19175	0.001258353	0	1.251E-15	5.03634E-17	-1.3E-15	-5E-17	0.007756	0	-0.00265	-0.0021
0.1918	0.001258741	0	1.251E-15	5.03535E-17	-1.3E-15	-5E-17	0.007756	0	-0.00174	-0.00277
0.19185	0.001259129	0	1.251E-15	5.03511E-17	-1.3E-15	-5E-17	0.007756	0	0.001077	-0.00136
0.1919	0.001259516	0	1.251E-15	5.0346E-17	-1.3E-15	-5E-17	0.007756	0	0.000235	-0.0015
0.19195	0.001259904	0	1.251E-15	5.03377E-17	-1.3E-15	-5E-17	0.007756	0	-0.00245	-0.00224
0.192	0.001260292	0	1.251E-15	5.03351E-17	-1.3E-15	-5E-17	0.007756	0	-0.00017	-0.00124
0.19205	0.00126068	0	1.251E-15	5.03266E-17	-1.3E-15	-5E-17	0.007756	0	0.000293	-0.00221
0.1921	0.001261068	0	1.251E-15	5.03187E-17	-1.3E-15	-5E-17	0.007756	0	-0.00111	-0.00236
0.19215	0.001261455	0	1.251E-15	5.03063E-17	-1.3E-15	-5E-17	0.007756	0	-0.00147	-0.00338
0.1922	0.001261843	0	1.251E-15	5.02979E-17	-1.3E-15	-5E-17	0.007756	0	-5.4E-05	-0.00284
0.19225	0.001262231	0	1.251E-15	5.03098E-17	-1.3E-15	-5E-17	0.007756	0	-0.00276	0.001678
0.1923	0.001262619	0	1.251E-15	5.03013E-17	-1.3E-15	-5E-17	0.007756	0	0.00024	-0.00131

0.19235	0.001263007	0	1.251E-15	5.02968E-17	-1.3E-15	-5E-17	0.007756	0	0.000125	-0.00137
0.1924	0.001263394	0	1.251E-15	5.02862E-17	-1.3E-15	-5E-17	0.007756	0	-0.00181	-0.00268
0.19245	0.001263782	0	1.251E-15	5.02817E-17	-1.3E-15	-5E-17	0.007756	0	-0.00085	-0.00179
0.1925	0.00126417	0	1.251E-15	5.02751E-17	-1.3E-15	-5E-17	0.007756	0	0.000628	-0.00198
0.19255	0.001264558	0	1.251E-15	5.02746E-17	-1.3E-15	-5E-17	0.007756	0	-0.0012	-0.00069
0.1926	0.001264946	0	1.251E-15	5.02651E-17	-1.3E-15	-5E-17	0.007756	0	-0.00089	-0.00226
0.19265	0.001265333	0	1.251E-15	5.02651E-17	-1.3E-15	-5E-17	0.007756	0	-0.00045	-0.0007
0.1927	0.001265721	0	1.275E-15	7.46299E-17	-1.3E-15	-5E-17	0.007756	0	2.58819	5.228255
0.19275	0.001266115	0	1.275E-15	7.46279E-17	-1.3E-15	-6.9E-17	0.007885	0	-0.63548	1.294974
0.1928	0.001266508	0	1.275E-15	7.46224E-17	-1.3E-15	-7.4E-17	0.007853	0	-1.13263	0.225397
0.19285	0.001266898	0	1.275E-15	7.46157E-17	-1.3E-15	-7.4E-17	0.007797	0	0.59605	0.034193
0.1929	0.001267289	0	1.275E-15	7.46113E-17	-1.3E-15	-7.5E-17	0.007826	0	0.419683	0.004344
0.19295	0.001267682	0	1.275E-15	7.46034E-17	-1.3E-15	-7.5E-17	0.007847	0	-0.40379	-0.00102
0.193	0.001268073	0	1.275E-15	7.46009E-17	-1.3E-15	-7.5E-17	0.007827	0	-0.11036	-0.0007
0.19305	0.001268464	0	1.275E-15	7.45931E-17	-1.3E-15	-7.5E-17	0.007822	0	0.228585	-0.00176
0.1931	0.001268856	0	1.275E-15	7.45878E-17	-1.3E-15	-7.5E-17	0.007833	0	-0.00177	-0.00141
0.19315	0.001269247	0	1.275E-15	7.45824E-17	-1.3E-15	-7.5E-17	0.007833	0	-0.11613	-0.00139
0.1932	0.001269639	0	1.275E-15	7.45791E-17	-1.3E-15	-7.5E-17	0.007827	0	0.028677	-0.00092
0.19325	0.00127003	0	1.275E-15	7.45689E-17	-1.3E-15	-7.5E-17	0.007829	0	0.0497	-0.00232
0.1933	0.001270422	0	1.275E-15	7.45661E-17	-1.3E-15	-7.5E-17	0.007831	0	-0.02759	-0.00096
0.19335	0.001270813	0	1.275E-15	7.4561E-17	-1.3E-15	-7.5E-17	0.00783	0	-0.01893	-0.00124
0.1934	0.001271205	0	1.275E-15	7.4558E-17	-1.3E-15	-7.5E-17	0.007829	0	0.018065	-0.00083
0.19345	0.001271596	0	1.275E-15	7.45534E-17	-1.3E-15	-7.5E-17	0.00783	0	0.003087	-0.00113
0.1935	0.001271988	0	1.275E-15	7.45481E-17	-1.3E-15	-7.5E-17	0.00783	0	-0.01087	-0.00132
0.19355	0.001272379	0	1.275E-15	7.45444E-17	-1.3E-15	-7.5E-17	0.007829	0	0.000775	-0.00098
0.1936	0.001272771	0	1.275E-15	7.45346E-17	-1.3E-15	-7.5E-17	0.007829	0	0.003941	-0.00226
0.19365	0.001273162	0	1.275E-15	7.45299E-17	-1.3E-15	-7.5E-17	0.00783	0	-0.00304	-0.00136
0.1937	0.001273554	0	1.275E-15	7.45254E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00216	-0.00119
0.19375	0.001273945	0	1.275E-15	7.45219E-17	-1.3E-15	-7.5E-17	0.007829	0	0.001297	-0.00092
0.1938	0.001274336	0	1.275E-15	7.45153E-17	-1.3E-15	-7.5E-17	0.007829	0	1.23E-05	-0.00156
0.19385	0.001274728	0	1.275E-15	7.45164E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00285	-9.1E-07
0.1939	0.001275119	0	1.275E-15	7.4508E-17	-1.3E-15	-7.5E-17	0.007829	0	0.000327	-0.00181
0.19395	0.001275511	0	1.275E-15	7.4501E-17	-1.3E-15	-7.5E-17	0.007829	0	0.000401	-0.00177

0.194	0.001275902	0	1.275E-15	7.44972E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00134	-0.0011
0.19405	0.001276294	0	1.275E-15	7.45909E-17	-1.3E-15	-7.4E-17	0.007829	0	-0.01727	0.019927
0.1941	0.001276685	0	1.275E-15	7.45894E-17	-1.3E-15	-7.5E-17	0.007828	0	0.003431	0.002783
0.19415	0.001277077	0	1.275E-15	7.45822E-17	-1.3E-15	-7.5E-17	0.007829	0	0.006171	-0.00112
0.1942	0.001277468	0	1.275E-15	7.45728E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00324	-0.00219
0.19425	0.00127786	0	1.275E-15	7.45726E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00395	-0.00038
0.1943	0.001278251	0	1.275E-15	7.45677E-17	-1.3E-15	-7.5E-17	0.007829	0	0.002474	-0.0011
0.19435	0.001278642	0	1.275E-15	7.45592E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00065	-0.002
0.1944	0.001279034	0	1.275E-15	7.45536E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00149	-0.00152
0.19445	0.001279425	0	1.275E-15	7.45543E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00098	-9.3E-05
0.1945	0.001279817	0	1.275E-15	7.4547E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00056	-0.00156
0.19455	0.001280208	0	1.275E-15	7.45406E-17	-1.3E-15	-7.5E-17	0.007828	0	0.001014	-0.00162
0.1946	0.001280599	0	1.275E-15	7.4537E-17	-1.3E-15	-7.5E-17	0.007829	0	-0.00257	-0.00104
0.19465	0.001280991	0	1.275E-15	7.45313E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00036	-0.00138
0.1947	0.001281382	0	1.275E-15	7.45251E-17	-1.3E-15	-7.5E-17	0.007828	0	0.000499	-0.00154
0.19475	0.001281774	0	1.275E-15	7.45193E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00129	-0.00149
0.1948	0.001282165	0	1.275E-15	7.45159E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00069	-0.00096
0.19485	0.001282557	0	1.275E-15	7.45109E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00044	-0.00122
0.1949	0.001282948	0	1.275E-15	7.45004E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00055	-0.00245
0.19495	0.001283339	0	1.275E-15	7.45031E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00104	0.000214
0.195	0.001283731	0	1.275E-15	7.44951E-17	-1.3E-15	-7.5E-17	0.007828	0	-0.00041	-0.00169
0.19505	0.001284122	0	1.275E-15	7.44856E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00083	-0.00229
0.1951	0.001284514	0	1.275E-15	7.44826E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00011	-0.001
0.19515	0.001284905	0	1.275E-15	7.44789E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00038	-0.00094
0.1952	0.001285296	0	1.275E-15	7.44695E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00169	-0.00217
0.19525	0.001285688	0	1.275E-15	7.44659E-17	-1.3E-15	-7.4E-17	0.007828	0	0.000132	-0.00112
0.1953	0.001286079	0	1.275E-15	7.44593E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.0006	-0.00159
0.19535	0.001286471	0	1.275E-15	7.44551E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00106	-0.00113
0.1954	0.001286862	0	1.275E-15	7.4448E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00063	-0.00171
0.19545	0.001287253	0	1.275E-15	7.44495E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00046	5.21E-05
0.1955	0.001287645	0	1.275E-15	7.44425E-17	-1.3E-15	-7.4E-17	0.007828	0	-8.6E-05	-0.00148
0.19555	0.001288036	0	1.275E-15	7.44412E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00124	-0.00052
0.1956	0.001288428	0	1.275E-15	7.44337E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00071	-0.00168

0.19565	0.001288819	0	1.275E-15	7.44282E-17	-1.3E-15	-7.4E-17	0.007828	0	0.000118	-0.00144
0.1957	0.00128921	0	1.275E-15	7.44262E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00105	-0.00066
0.19575	0.001289602	0	1.275E-15	7.44203E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.0011	-0.00136
0.1958	0.001289993	0	1.275E-15	7.44154E-17	-1.3E-15	-7.4E-17	0.007828	0	0.000509	-0.00128
0.19585	0.001290385	0	1.275E-15	7.44142E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00146	-0.00046
0.1959	0.001290776	0	1.275E-15	7.44034E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00064	-0.00239
0.19595	0.001291167	0	1.274E-15	7.43988E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00029	-0.00135
0.196	0.001291559	0	1.274E-15	7.44172E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00354	0.003726
0.19605	0.00129195	0	1.274E-15	7.44155E-17	-1.3E-15	-7.4E-17	0.007827	0	6.6E-05	0.000219
0.1961	0.001292341	0	1.274E-15	7.4408E-17	-1.3E-15	-7.4E-17	0.007827	0	-4.7E-05	-0.00157
0.19615	0.001292733	0	1.274E-15	7.44036E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00023	-0.00118
0.1962	0.001293124	0	1.274E-15	7.43969E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00141	-0.00164
0.19625	0.001293516	0	1.274E-15	7.43916E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00035	-0.00139
0.1963	0.001293907	0	1.274E-15	7.43661E-17	-1.3E-15	-7.4E-17	0.007827	0	0.009083	-0.00568
0.19635	0.001294298	0	1.274E-15	7.43645E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00153	-0.00124
0.1964	0.00129469	0	1.274E-15	7.43576E-17	-1.3E-15	-7.4E-17	0.007828	0	-0.00616	-0.00166
0.19645	0.001295081	0	1.274E-15	7.43499E-17	-1.3E-15	-7.4E-17	0.007827	0	0.001405	-0.00192
0.1965	0.001295472	0	1.274E-15	7.43456E-17	-1.3E-15	-7.4E-17	0.007827	0	0.000354	-0.00122
0.19655	0.001295864	0	1.274E-15	7.43394E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00107	-0.00152
0.1966	0.001296255	0	1.274E-15	7.43344E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00161	-0.0013
0.19665	0.001296647	0	1.274E-15	7.43301E-17	-1.3E-15	-7.4E-17	0.007827	0	0.00049	-0.00113
0.1967	0.001297038	0	1.274E-15	7.43233E-17	-1.3E-15	-7.4E-17	0.007827	0	-7.9E-05	-0.00164
0.19675	0.001297429	0	1.274E-15	7.43181E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00196	-0.00138
0.1968	0.001297821	0	1.274E-15	7.43133E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00029	-0.00124
0.19685	0.001298212	0	1.274E-15	7.43097E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00024	-0.00096
0.1969	0.001298603	0	1.274E-15	7.43056E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00076	-0.00103
0.19695	0.001298995	0	1.274E-15	7.43003E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00108	-0.00131
0.197	0.001299386	0	1.274E-15	7.42956E-17	-1.3E-15	-7.4E-17	0.007827	0	5.65E-05	-0.0012
0.19705	0.001299777	0	1.274E-15	7.42898E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00099	-0.00144
0.1971	0.001300169	0	1.274E-15	7.42865E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.0002	-0.00093
0.19715	0.00130056	0	1.274E-15	7.42781E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00048	-0.00195
0.1972	0.001300951	0	1.274E-15	7.42848E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00215	0.001135
0.19725	0.001301343	0	1.274E-15	7.42777E-17	-1.3E-15	-7.4E-17	0.007827	0	0.000201	-0.00135

0.1973	0.001301734	0	1.274E-15	7.42728E-17	-1.3E-15	-7.4E-17	0.007827	0	0.000342	-0.00125
0.19735	0.001302126	0	1.274E-15	7.42669E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00156	-0.00145
0.1974	0.001302517	0	1.274E-15	7.42594E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00041	-0.00185
0.19745	0.001302908	0	1.274E-15	7.42581E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00049	-0.00056
0.1975	0.0013033	0	1.274E-15	7.42558E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.0013	-0.00058
0.19755	0.001303691	0	1.274E-15	7.42506E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00065	-0.0012
0.1976	0.001304082	0	1.274E-15	7.42402E-17	-1.3E-15	-7.4E-17	0.007827	0	0.000775	-0.00242
0.19765	0.001304474	0	1.274E-15	7.41482E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00483	-0.02014
0.1977	0.001304865	0	1.274E-15	7.41457E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00102	-0.00369
0.19775	0.001305256	0	1.274E-15	7.41405E-17	-1.3E-15	-7.4E-17	0.007826	0	0.001936	-0.00171
0.1978	0.001305648	0	1.274E-15	7.41363E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00081	-0.00116
0.19785	0.001306039	0	1.274E-15	7.4129E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00194	-0.00175
0.1979	0.00130643	0	1.274E-15	7.41269E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00061	-0.00073
0.19795	0.001306822	0	1.274E-15	7.4117E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000365	-0.00223
0.198	0.001307213	0	1.274E-15	7.4116E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00081	-0.00058
0.19805	0.001307604	0	1.274E-15	7.41092E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00131	-0.00154
0.1981	0.001307995	0	1.274E-15	7.41044E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00067	-0.00127
0.19815	0.001308387	0	1.274E-15	7.40983E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000371	-0.00152
0.1982	0.001308778	0	1.274E-15	7.40944E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00158	-0.00107
0.19825	0.001309169	0	1.274E-15	7.409E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00017	-0.00111
0.1983	0.001309561	0	1.274E-15	7.40821E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000345	-0.00188
0.19835	0.001309952	0	1.274E-15	7.40765E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00214	-0.00149
0.1984	0.001310343	0	1.274E-15	7.40759E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00082	-0.00037
0.19845	0.001310735	0	1.274E-15	7.40693E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.0003	-0.00147
0.1985	0.001311126	0	1.274E-15	7.40625E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00029	-0.00169
0.19855	0.001311517	0	1.274E-15	7.40559E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00036	-0.0017
0.1986	0.001311909	0	1.274E-15	7.40422E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000453	-0.00321
0.19865	0.0013123	0	1.274E-15	7.40367E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00108	-0.00167
0.1987	0.001312691	0	1.274E-15	7.4034E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00157	-0.00085
0.19875	0.001313082	0	1.274E-15	7.4026E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00027	-0.00185
0.1988	0.001313474	0	1.274E-15	7.40262E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000418	-0.00025
0.19885	0.001313865	0	1.274E-15	7.39379E-17	-1.3E-15	-7.4E-17	0.007826	0	0.023781	-0.01899
0.1989	0.001314256	0	1.274E-15	7.39331E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00795	-0.00402

0.19895	0.001314648	0	1.274E-15	7.39272E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.01085	-0.00192
0.199	0.001315039	0	1.274E-15	7.39287E-17	-1.3E-15	-7.4E-17	0.007826	0	0.005833	2.35E-05
0.19905	0.00131543	0	1.274E-15	7.39223E-17	-1.3E-15	-7.4E-17	0.007826	0	0.00335	-0.00137
0.1991	0.001315822	0	1.274E-15	7.39196E-17	-1.3E-15	-7.4E-17	0.007827	0	-0.00515	-0.00079
0.19915	0.001316213	0	1.274E-15	7.3911E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00165	-0.00197
0.1992	0.001316604	0	1.274E-15	7.39082E-17	-1.3E-15	-7.4E-17	0.007826	0	0.002151	-0.00092
0.19925	0.001316996	0	1.274E-15	7.39016E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00055	-0.00155
0.1993	0.001317387	0	1.274E-15	7.38959E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00284	-0.00147
0.19935	0.001317778	0	1.274E-15	7.38914E-17	-1.3E-15	-7.4E-17	0.007826	0	0.000408	-0.0012
0.1994	0.00131817	0	1.274E-15	7.38826E-17	-1.3E-15	-7.4E-17	0.007826	0	2.26E-05	-0.00208
0.19945	0.001318561	0	1.274E-15	7.38789E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.00162	-0.00113
0.1995	0.001318952	0	1.273E-15	7.03472E-17	-1.3E-15	-7.4E-17	0.007826	0	-0.14425	-0.75804
0.19955	0.001319343	0	1.273E-15	7.03415E-17	-1.3E-15	-7.1E-17	0.007819	0	0.035057	-0.12799
0.1996	0.001319734	0	1.273E-15	7.03392E-17	-1.3E-15	-7E-17	0.007821	0	0.062519	-0.02316
0.19965	0.001320125	0	1.273E-15	7.03336E-17	-1.3E-15	-7E-17	0.007824	0	-0.0335	-0.00535
0.1997	0.001320517	0	1.273E-15	7.03267E-17	-1.3E-15	-7E-17	0.007822	0	-0.02441	-0.00245
0.19975	0.001320908	0	1.273E-15	7.03186E-17	-1.3E-15	-7E-17	0.007821	0	0.021899	-0.00218
0.1998	0.001321299	0	1.271E-15	6.86648E-17	-1.3E-15	-7E-17	0.007822	0	-0.12779	-0.35527
0.19985	0.001321689	0	1.271E-15	6.86591E-17	-1.3E-15	-6.9E-17	0.007816	0	0.018251	-0.06634
0.1999	0.00132208	0	1.271E-15	6.86556E-17	-1.3E-15	-6.9E-17	0.007817	0	0.059255	-0.01322
0.19995	0.001322471	0	1.271E-15	6.86522E-17	-1.3E-15	-6.9E-17	0.00782	0	-0.02439	-0.00322
0.2	0.001322862	0	1.271E-15	6.86439E-17	-1.3E-15	-6.9E-17	0.007818	0	-0.02469	-0.00239
0.20005	0.001323253	0					0.007817	0		

0.006615

Particle position in space

