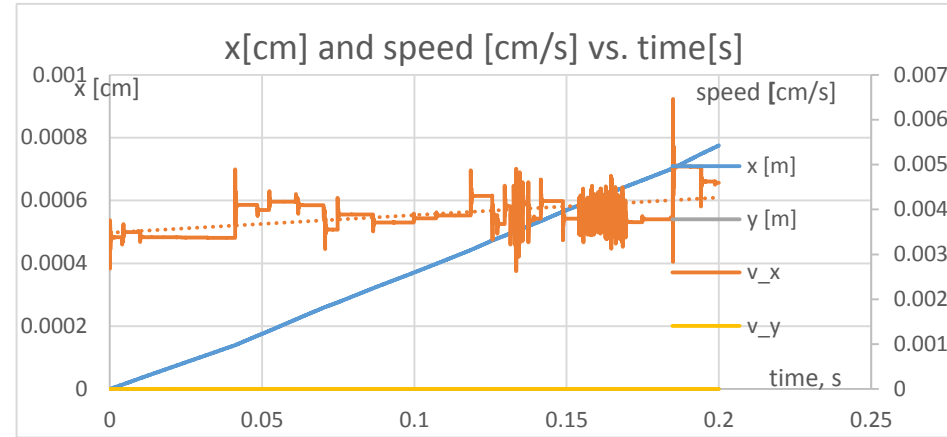


# Particle dynamics in tissue

## Initial values

Tissue/fluid ratio	25
saline density	1127 kg/m <sup>3</sup>
particle diameter	1E-07 m
particle density	8900 kg/m <sup>3</sup>
Drag coefficient (sphere)	0.47
particle mass	4.66E-18 kg
initTime	0.1385
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	0	0	0	0	0	0	0	0	0
0.00005	1.42901E-07	0	0	5.919E-16	-1.9229E-16	-4.2E-16	-2.5E-16	0.002858	0	-3.48248	0
0.0001	2.77095E-07	0	0	5.919E-16	-1.9229E-16	-3.7E-16	3.36E-16	0.002684	0	21.5804	0
0.00015	4.65241E-07	0	0	5.919E-16	-1.9229E-16	-7.4E-16	5.22E-17	0.003763	0	-4.70114	0
0.0002	6.41633E-07	0	0	5.919E-16	-1.9229E-16	-6.5E-16	3.26E-16	0.003528	0	-8.28232	0
0.00025	7.9732E-07	0	0	5.919E-16	-1.9229E-16	-5E-16	5.92E-17	0.003114	0	5.273012	0
0.0003	9.66189E-07	0	0	5.919E-16	-1.9229E-16	-5.9E-16	3.24E-16	0.003377	0	2.501748	0
0.00035	1.14131E-06	0	0	5.919E-16	-1.9229E-16	-6.4E-16	6.12E-17	0.003502	0	-3.68603	0
0.0004	1.30722E-06	0	0	5.92E-16	-1.923E-16	-5.73E-16	3.23E-16	3.32E-03	0	0.233263	0
0.00045	1.47371E-06	0	0	5.919E-16	-1.923E-16	-5.8E-16	6.19E-17	0.00333	0	1.760362	0
0.0005	1.64461E-06	0	0	5.919E-16	-1.923E-16	-6.1E-16	3.22E-16	0.003418	0	-0.79021	0
0.00055	1.81352E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	6.22E-17	0.003378	0	-0.56748	0
0.0006	1.98102E-06	0	0	5.919E-16	-1.923E-16	-5.8E-16	3.22E-16	0.00335	0	0.608185	0
0.00065	2.15004E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	6.23E-17	0.00338	0	0.053222	0
0.0007	2.31919E-06	0	0	5.919E-16	-1.923E-16	-6E-16	3.22E-16	0.003383	0	-0.32539	0
0.00075	2.48753E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	6.24E-17	0.003367	0	0.098005	0
0.0008	2.65611E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	3.22E-16	0.003372	0	0.125036	0
0.00085	2.82501E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	6.24E-17	0.003378	0	-0.09787	0
0.0009	2.99366E-06	0	0	5.919E-16	-1.923E-16	-5.9E-16	3.22E-16	0.003373	0	-0.02552	0

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0.00095	3.16225E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	6.24E-17	0.003372	0	0.050733	0
0.001	3.33096E-06	0	5.918E-16	-1.9232E-16	-5.9E-16	3.22E-16	0.003374	0	-0.00743	0
0.00105	3.49966E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	6.24E-17	0.003374	0	-0.02279	0
0.0011	3.6683E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	3.22E-16	0.003373	0	0.011054	0
0.00115	3.83697E-06	0	5.918E-16	-1.9232E-16	-5.9E-16	6.24E-17	0.003373	0	0.006977	0
0.0012	4.00565E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	3.22E-16	0.003374	0	-0.00861	0
0.00125	4.17431E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	6.24E-17	0.003373	0	0.000386	0
0.0013	4.34298E-06	0	5.918E-16	-1.9231E-16	-5.9E-16	3.22E-16	0.003373	0	0.00313	0
0.00135	4.51165E-06	0	5.917E-16	-1.9232E-16	-5.9E-16	6.24E-17	0.003373	0	-0.00221	0
0.0014	4.68031E-06	0	5.917E-16	-1.9232E-16	-5.9E-16	3.22E-16	0.003373	0	-0.00141	0
0.00145	4.84897E-06	0	5.917E-16	-1.9232E-16	-5.9E-16	6.24E-17	0.003373	0	0.00091	0
0.0015	5.01764E-06	0	5.917E-16	-1.9232E-16	-5.9E-16	3.22E-16	0.003373	0	-0.00051	0
0.00155	5.1863E-06	0	5.952E-16	-1.9191E-16	-5.9E-16	6.24E-17	0.003373	0	0.370063	0
0.0016	5.35589E-06	0	5.952E-16	-1.9191E-16	-6E-16	3.21E-16	0.003392	0	-0.1422	0
0.00165	5.52512E-06	0	5.952E-16	-1.9191E-16	-6E-16	6.27E-17	0.003385	0	-0.13018	0
0.0017	5.69403E-06	0	5.952E-16	-1.9191E-16	-5.9E-16	3.21E-16	0.003378	0	0.120209	0
0.00175	5.86324E-06	0	5.952E-16	-1.9191E-16	-6E-16	6.29E-17	0.003384	0	0.018388	0
0.0018	6.03249E-06	0	5.952E-16	-1.9191E-16	-6E-16	3.21E-16	0.003385	0	-0.06685	0
0.00185	6.20158E-06	0	5.952E-16	-1.9191E-16	-5.9E-16	6.3E-17	0.003382	0	0.015591	0
0.0019	6.37071E-06	0	5.952E-16	-1.9191E-16	-5.9E-16	3.21E-16	0.003383	0	0.026872	0
0.00195	6.5399E-06	0	5.951E-16	-1.9191E-16	-6E-16	6.3E-17	0.003384	0	-0.01894	0
0.002	6.70904E-06	0	5.951E-16	-1.9191E-16	-6E-16	3.21E-16	0.003383	0	-0.00646	0
0.00205	6.87817E-06	0	5.951E-16	-1.9192E-16	-6E-16	6.3E-17	0.003383	0	0.010941	0
0.0021	7.04733E-06	0	5.951E-16	-1.9191E-16	-6E-16	3.21E-16	0.003383	0	-0.00144	0
0.00215	7.21648E-06	0	5.951E-16	-1.9191E-16	-6E-16	6.3E-17	0.003383	0	-0.00543	0
0.0022	7.38562E-06	0	5.951E-16	-1.9191E-16	-6E-16	3.21E-16	0.003383	0	0.002385	0
0.00225	7.55477E-06	0	5.951E-16	-1.9192E-16	-6E-16	6.3E-17	0.003383	0	0.000644	0
0.0023	7.72392E-06	0	5.951E-16	-1.9191E-16	-6E-16	3.21E-16	0.003383	0	-0.00103	0
0.00235	7.89306E-06	0	5.951E-16	-1.9191E-16	-6E-16	6.3E-17	0.003383	0	-0.00097	0
0.0024	8.0622E-06	0	5.951E-16	-1.9191E-16	-6E-16	3.21E-16	0.003383	0	9.02E-05	0
0.00245	8.23134E-06	0	5.951E-16	-1.9192E-16	-6E-16	6.3E-17	0.003383	0	0.000191	0
0.0025	8.40049E-06	0	5.951E-16	-1.9192E-16	-6E-16	3.21E-16	0.003383	0	-0.00146	0
0.00255	8.56963E-06	0	5.951E-16	-1.9192E-16	-6E-16	6.3E-17	0.003383	0	0.000631	0

0.0026	8.73877E-06	0	5.951E-16	-1.9192E-16	-6E-16	3.21E-16	0.003383	0	-0.00024	0
0.00265	8.90791E-06	0	5.951E-16	-1.9191E-16	-6E-16	6.3E-17	0.003383	0	-0.00125	0
0.0027	9.07704E-06	0	5.95E-16	-1.9186E-16	-6E-16	3.21E-16	0.003383	0	-0.00638	0
0.00275	9.24617E-06	0	5.95E-16	-1.9186E-16	-5.9E-16	6.29E-17	0.003382	0	0.001937	0
0.0028	9.41529E-06	0	5.95E-16	-1.9185E-16	-5.9E-16	3.21E-16	0.003383	0	0.00223	0
0.00285	9.58442E-06	0	5.95E-16	-1.9186E-16	-6E-16	6.3E-17	0.003383	0	-0.0022	0
0.0029	9.75355E-06	0	5.95E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003383	0	-0.00051	0
0.00295	9.92267E-06	0	5.95E-16	-1.9186E-16	-5.9E-16	6.3E-17	0.003382	0	0.000383	0
0.003	1.00918E-05	0	5.95E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003383	0	-0.00018	0
0.00305	1.02609E-05	0	5.95E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003383	0	-0.00092	0
0.0031	1.043E-05	0	5.95E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	-0.00046	0
0.00315	1.05992E-05	0	5.95E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	0.000302	0
0.0032	1.07683E-05	0	5.95E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	0.000147	0
0.00325	1.09374E-05	0	5.949E-16	-1.9187E-16	-5.9E-16	6.31E-17	0.003382	0	-0.00107	0
0.0033	1.11065E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	-0.00053	0
0.00335	1.12757E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	-1.7E-05	0
0.0034	1.14448E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	0.000261	0
0.00345	1.16139E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	-0.00075	0
0.0035	1.1783E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	-0.00013	0
0.00355	1.19521E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	0.000942	0
0.0036	1.21212E-05	0	5.949E-16	-1.9185E-16	-5.9E-16	3.21E-16	0.003382	0	-0.00148	0
0.00365	1.22904E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	-0.00071	0
0.0037	1.24595E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	3.21E-16	0.003382	0	0.0012	0
0.00375	1.26286E-05	0	5.949E-16	-1.9186E-16	-5.9E-16	6.31E-17	0.003382	0	-0.00075	0
0.0038	1.27977E-05	0	5.949E-16	-1.9185E-16	-5.9E-16	3.21E-16	0.003382	0	-0.00071	0
0.00385	1.29668E-05	0	5.949E-16	-1.9185E-16	-5.9E-16	6.31E-17	0.003382	0	0.000721	0
0.0039	1.31359E-05	0	5.949E-16	-1.9185E-16	-5.9E-16	3.21E-16	0.003382	0	4.9E-05	0
0.00395	1.33051E-05	0	5.949E-16	-1.9185E-16	-5.9E-16	6.31E-17	0.003382	0	-0.00222	0
0.004	1.34742E-05	0	5.647E-16	-7.5112E-17	-5.9E-16	3.21E-16	0.003382	0	-3.23538	0
0.00405	1.36352E-05	0	5.647E-16	-7.5118E-17	-5.4E-16	-1.2E-18	0.00322	0	1.106373	0
0.0041	1.3799E-05	0	5.647E-16	-7.5112E-17	-5.6E-16	2.32E-17	0.003276	0	1.272076	0
0.00415	1.39659E-05	0	5.647E-16	-7.5112E-17	-5.8E-16	7.8E-17	0.003339	0	-0.99363	0
0.0042	1.41304E-05	0	5.647E-16	-7.5115E-17	-5.6E-16	7.41E-17	0.00329	0	-0.28937	0

0.00425	1.42942E-05	0	5.647E-16	-7.5112E-17	-5.6E-16	7.55E-17	0.003275	0	0.592378	0
0.0043	1.44594E-05	0	5.647E-16	-7.5113E-17	-5.7E-16	7.5E-17	0.003305	0	-0.05521	0
0.00435	1.46245E-05	0	5.647E-16	-7.5116E-17	-5.7E-16	7.52E-17	0.003302	0	-0.27757	0
0.0044	1.47889E-05	0	5.647E-16	-7.5113E-17	-5.6E-16	7.51E-17	0.003288	0	0.12082	0
0.00445	1.49537E-05	0	6.351E-16	6.3885E-17	-5.6E-16	7.51E-17	0.003294	0	7.655566	0
0.0045	1.51375E-05	0	6.351E-16	6.38811E-17	-7E-16	-4.4E-18	0.003677	0	-3.4661	0
0.00455	1.53127E-05	0	6.351E-16	6.388E-17	-6.4E-16	-4.5E-17	0.003504	0	-2.08448	0
0.0046	1.54827E-05	0	6.351E-16	6.38835E-17	-6E-16	-6.7E-17	0.003399	0	2.620445	0
0.00465	1.56592E-05	0	6.351E-16	6.38787E-17	-6.5E-16	-6.3E-17	0.00353	0	-0.09407	0
0.0047	1.58355E-05	0	6.351E-16	6.38814E-17	-6.5E-16	-6.4E-17	0.003526	0	-1.26687	0
0.00475	1.60086E-05	0	6.353E-16	6.38251E-17	-6.2E-16	-6.4E-17	0.003462	0	0.636263	0
0.0048	1.61833E-05	0	6.353E-16	6.38222E-17	-6.3E-16	-6.4E-17	0.003494	0	0.353506	0
0.00485	1.63589E-05	0	6.353E-16	6.38441E-17	-6.4E-16	-6.4E-17	0.003512	0	-0.47896	0
0.0049	1.65333E-05	0	6.353E-16	6.38524E-17	-6.3E-16	-6.4E-17	0.003488	0	0.041994	0
0.00495	1.67078E-05	0	6.353E-16	6.38525E-17	-6.3E-16	-6.4E-17	0.00349	0	0.220727	0
0.005	1.68829E-05	0	6.353E-16	6.38535E-17	-6.4E-16	-6.4E-17	0.003501	0	-0.12135	0
0.00505	1.70576E-05	0	6.353E-16	6.38563E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.05606	0
0.0051	1.72322E-05	0	6.353E-16	6.38503E-17	-6.3E-16	-6.4E-17	0.003492	0	0.084819	0
0.00515	1.74071E-05	0	6.353E-16	6.38549E-17	-6.4E-16	-6.4E-17	0.003496	0	-0.01034	0
0.0052	1.75819E-05	0	6.353E-16	6.38502E-17	-6.4E-16	-6.4E-17	0.003496	0	-0.03734	0
0.00525	1.77566E-05	0	6.352E-16	6.38574E-17	-6.3E-16	-6.4E-17	0.003494	0	0.020435	0
0.0053	1.79313E-05	0	6.352E-16	6.38573E-17	-6.4E-16	-6.4E-17	0.003495	0	0.008824	0
0.00535	1.81061E-05	0	6.352E-16	6.38551E-17	-6.4E-16	-6.4E-17	0.003496	0	-0.01467	0
0.0054	1.82808E-05	0	6.352E-16	6.38539E-17	-6.4E-16	-6.4E-17	0.003495	0	0.001293	0
0.00545	1.84556E-05	0	6.352E-16	6.38578E-17	-6.4E-16	-6.4E-17	0.003495	0	0.006392	0
0.0055	1.86303E-05	0	6.352E-16	6.38567E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00397	0
0.00555	1.88051E-05	0	6.352E-16	6.38526E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00164	0
0.0056	1.89798E-05	0	6.352E-16	6.38516E-17	-6.4E-16	-6.4E-17	0.003495	0	0.002407	0
0.00565	1.91546E-05	0	6.352E-16	6.38549E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.0008	0
0.0057	1.93293E-05	0	6.352E-16	6.38574E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00184	0
0.00575	1.95041E-05	0	6.352E-16	6.38545E-17	-6.4E-16	-6.4E-17	0.003495	0	0.000972	0
0.0058	1.96788E-05	0	6.352E-16	6.38551E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00016	0
0.00585	1.98536E-05	0	6.352E-16	6.38544E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00101	0

0.0059	2.00283E-05	0	6.352E-16	6.3852E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00028	0
0.00595	2.02031E-05	0	6.352E-16	6.38535E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00023	0
0.006	2.03778E-05	0	6.352E-16	6.38568E-17	-6.4E-16	-6.4E-17	0.003495	0	0.000225	0
0.00605	2.05526E-05	0	6.352E-16	6.38566E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00091	0
0.0061	2.07273E-05	0	6.352E-16	6.38567E-17	-6.4E-16	-6.4E-17	0.003495	0	0.000825	0
0.00615	2.09021E-05	0	6.35E-16	6.38498E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.01367	0
0.0062	2.10768E-05	0	6.35E-16	6.38415E-17	-6.3E-16	-6.4E-17	0.003494	0	0.005748	0
0.00625	2.12515E-05	0	6.35E-16	6.38468E-17	-6.4E-16	-6.4E-17	0.003495	0	0.00322	0
0.0063	2.14262E-05	0	6.35E-16	6.38456E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00519	0
0.00635	2.1601E-05	0	6.35E-16	6.38462E-17	-6.3E-16	-6.4E-17	0.003494	0	0.000583	0
0.0064	2.17757E-05	0	6.35E-16	6.38434E-17	-6.4E-16	-6.4E-17	0.003494	0	0.001409	0
0.00645	2.19504E-05	0	6.35E-16	6.38432E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00168	0
0.0065	2.21251E-05	0	6.35E-16	6.38462E-17	-6.3E-16	-6.4E-17	0.003494	0	0.000388	0
0.00655	2.22998E-05	0	6.35E-16	6.38448E-17	-6.4E-16	-6.4E-17	0.003494	0	-0.00033	0
0.0066	2.24746E-05	0	6.35E-16	6.38445E-17	-6.4E-16	-6.4E-17	0.003494	0	-0.0008	0
0.00665	2.26493E-05	0	6.35E-16	6.38455E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00044	0
0.0067	2.2824E-05	0	6.35E-16	6.38428E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00076	0
0.00675	2.29987E-05	0	6.35E-16	6.38432E-17	-6.3E-16	-6.4E-17	0.003494	0	0.000893	0
0.0068	2.31734E-05	0	6.35E-16	6.38418E-17	-6.3E-16	-6.4E-17	0.003494	0	-1.8E-05	0
0.00685	2.33482E-05	0	6.35E-16	6.38381E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00125	0
0.0069	2.35229E-05	0	6.35E-16	6.38392E-17	-6.3E-16	-6.4E-17	0.003494	0	0.00021	0
0.00695	2.36976E-05	0	6.35E-16	6.38408E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00081	0
0.007	2.38723E-05	0	6.35E-16	6.38403E-17	-6.3E-16	-6.4E-17	0.003494	0	2.99E-05	0
0.00705	2.4047E-05	0	6.349E-16	6.38414E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00017	0
0.0071	2.42217E-05	0	6.349E-16	6.38412E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.00076	0
0.00715	2.43964E-05	0	6.349E-16	6.38402E-17	-6.3E-16	-6.4E-17	0.003494	0	-0.0002	0
0.0072	2.45712E-05	0	6.351E-16	6.35436E-17	-6.3E-16	-6.4E-17	0.003494	0	0.013242	0
0.00725	2.47459E-05	0	6.35E-16	6.35455E-17	-6.4E-16	-6.3E-17	0.003495	0	-0.00641	0
0.0073	2.49206E-05	0	6.35E-16	6.35472E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00403	0
0.00735	2.50953E-05	0	6.35E-16	6.35429E-17	-6.3E-16	-6.4E-17	0.003494	0	0.004648	0
0.0074	2.52701E-05	0	6.35E-16	6.35427E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00159	0
0.00745	2.54448E-05	0	6.35E-16	6.3548E-17	-6.4E-16	-6.4E-17	0.003495	0	-0.00111	0
0.0075	2.56195E-05	0	6.35E-16	6.3546E-17	-6.4E-16	-6.4E-17	0.003494	0	0.000452	0

0.00755	2.57942E-05	0	6.35E-16	6.35478E-17	-6.4E-16	-6.4E-17	0.003494	0	-0.00016	0
0.0076	2.5969E-05	0	6.35E-16	6.35439E-17	-6.4E-16	-6.4E-17	0.003494	0	-0.00026	0
0.00765	2.61437E-05	0	6.35E-16	6.35465E-17	-6.4E-16	-6.4E-17	0.003494	0	-0.00072	0
0.0077	2.63184E-05	0	6.358E-16	6.33107E-17	-6.4E-16	-6.4E-17	0.003494	0	0.085792	0
0.00775	2.64934E-05	0	6.358E-16	6.33135E-17	-6.4E-16	-6.3E-17	0.003499	0	-0.0389	0
0.0078	2.66682E-05	0	6.358E-16	6.33153E-17	-6.4E-16	-6.3E-17	0.003497	0	-0.02576	0
0.00785	2.6843E-05	0	6.358E-16	6.33142E-17	-6.4E-16	-6.3E-17	0.003495	0	0.030559	0
0.0079	2.70178E-05	0	6.358E-16	6.33112E-17	-6.4E-16	-6.3E-17	0.003497	0	-0.00207	0
0.00795	2.71927E-05	0	6.358E-16	6.33127E-17	-6.4E-16	-6.3E-17	0.003497	0	-0.01454	0
0.008	2.73675E-05	0	6.358E-16	6.33109E-17	-6.4E-16	-6.3E-17	0.003496	0	0.006659	0
0.00805	2.75423E-05	0	6.358E-16	6.33096E-17	-6.4E-16	-6.3E-17	0.003497	0	0.003094	0
0.0081	2.77171E-05	0	6.358E-16	6.3309E-17	-6.4E-16	-6.3E-17	0.003497	0	-0.00497	0
0.00815	2.7892E-05	0	6.358E-16	6.33093E-17	-6.4E-16	-6.3E-17	0.003496	0	0.000858	0
0.0082	2.80668E-05	0	6.357E-16	6.33089E-17	-6.4E-16	-6.3E-17	0.003496	0	0.001079	0
0.00825	2.82416E-05	0	6.357E-16	6.33139E-17	-6.4E-16	-6.3E-17	0.003497	0	-0.00117	0
0.0083	2.84164E-05	0	6.357E-16	6.33124E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00089	0
0.00835	2.85912E-05	0	6.357E-16	6.33115E-17	-6.4E-16	-6.3E-17	0.003496	0	0.000588	0
0.0084	2.87661E-05	0	6.357E-16	6.33141E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00051	0
0.00845	2.89409E-05	0	6.357E-16	6.33115E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00025	0
0.0085	2.91157E-05	0	6.357E-16	6.33118E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00085	0
0.00855	2.92905E-05	0	6.357E-16	6.33151E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00043	0
0.0086	2.94653E-05	0	6.357E-16	6.33148E-17	-6.4E-16	-6.3E-17	0.003496	0	0.001202	0
0.00865	2.96402E-05	0	6.357E-16	6.33136E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00108	0
0.0087	2.9815E-05	0	6.357E-16	6.33142E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00111	0
0.00875	2.99898E-05	0	6.357E-16	6.33118E-17	-6.4E-16	-6.3E-17	0.003496	0	0.000213	0
0.0088	3.01646E-05	0	6.357E-16	6.33151E-17	-6.4E-16	-6.3E-17	0.003496	0	0.000457	0
0.00885	3.03394E-05	0	6.357E-16	6.33094E-17	-6.4E-16	-6.3E-17	0.003496	0	-0.00145	0
0.0089	3.05142E-05	0	6.361E-16	6.33034E-17	-6.4E-16	-6.3E-17	0.003496	0	0.047503	0
0.00895	3.06892E-05	0	6.361E-16	6.33046E-17	-6.4E-16	-6.3E-17	0.003499	0	-0.02093	0
0.009	3.0864E-05	0	6.361E-16	6.33062E-17	-6.4E-16	-6.3E-17	0.003498	0	-0.01602	0
0.00905	3.10389E-05	0	6.361E-16	6.33084E-17	-6.4E-16	-6.3E-17	0.003497	0	0.018002	0
0.0091	3.12138E-05	0	6.361E-16	6.33059E-17	-6.4E-16	-6.3E-17	0.003498	0	-0.00051	0
0.00915	3.13887E-05	0	6.361E-16	6.33033E-17	-6.4E-16	-6.3E-17	0.003498	0	-0.00991	0

0.0092	3.15635E-05	0	6.361E-16	6.33069E-17	-6.4E-16	-6.3E-17	0.003497	0	0.004452	0
0.00925	3.17384E-05	0	6.398E-16	4.89766E-17	-6.4E-16	-6.3E-17	0.003497	0	0.398772	0
0.0093	3.19142E-05	0	6.398E-16	4.89698E-17	-6.4E-16	-4.7E-17	0.003517	0	-0.18437	0
0.00935	3.20897E-05	0	6.398E-16	4.89749E-17	-6.4E-16	-4.9E-17	0.003508	0	-0.11653	0
0.0094	3.22648E-05	0	6.398E-16	4.89733E-17	-6.4E-16	-4.9E-17	0.003502	0	0.145487	0
0.00945	3.24402E-05	0	6.397E-16	4.89733E-17	-6.4E-16	-4.9E-17	0.00351	0	-0.00888	0
0.0095	3.26157E-05	0	6.397E-16	4.89714E-17	-6.4E-16	-4.9E-17	0.003509	0	-0.06892	0
0.00955	3.2791E-05	0	6.397E-16	4.815E-17	-6.4E-16	-4.9E-17	0.003506	0	0.032174	0
0.0096	3.29663E-05	0	6.397E-16	4.89718E-17	-6.4E-16	-4.8E-17	0.003507	0	0.021727	0
0.00965	3.31418E-05	0	6.397E-16	4.89733E-17	-6.4E-16	-4.9E-17	0.003508	0	-0.02714	0
0.0097	3.33171E-05	0	6.397E-16	4.81558E-17	-6.4E-16	-4.9E-17	0.003507	0	-0.00108	0
0.00975	3.34925E-05	0	6.397E-16	4.81555E-17	-6.4E-16	-4.8E-17	0.003507	0	0.012989	0
0.0098	3.36678E-05	0	6.397E-16	4.81552E-17	-6.4E-16	-4.8E-17	0.003508	0	-0.00585	0
0.00985	3.38432E-05	0	6.397E-16	4.81579E-17	-6.4E-16	-4.8E-17	0.003507	0	-0.00463	0
0.0099	3.40186E-05	0	6.397E-16	4.81547E-17	-6.4E-16	-4.8E-17	0.003507	0	0.004534	0
0.00995	3.41939E-05	0	5.962E-16	-5.2283E-17	-6.4E-16	-4.8E-17	0.003507	0	-4.6666	0
0.01	3.43576E-05	0	5.962E-16	-5.2286E-17	-5.6E-16	6.92E-19	0.003274	0	1.825501	0
0.01005	3.45259E-05	0	5.962E-16	-5.2287E-17	-5.9E-16	2.33E-17	0.003365	0	1.689582	0
0.0101	3.46984E-05	0	5.962E-16	-5.2286E-17	-6.2E-16	5E-17	0.00345	0	-1.59117	0
0.01015	3.48669E-05	0	5.961E-16	-5.2286E-17	-5.9E-16	5.25E-17	0.00337	0	-0.20452	0
0.0102	3.50349E-05	0	5.961E-16	-5.2288E-17	-5.9E-16	5.23E-17	0.00336	0	0.871825	0
0.01025	3.52051E-05	0	5.961E-16	-5.2289E-17	-6E-16	5.23E-17	0.003404	0	-0.23593	0
0.0103	3.53746E-05	0	5.961E-16	-5.2291E-17	-6E-16	5.23E-17	0.003392	0	-0.34216	0
0.01035	3.55434E-05	0	5.961E-16	-5.229E-17	-5.9E-16	5.23E-17	0.003375	0	0.250537	0
0.0104	3.57127E-05	0	5.961E-16	-5.2292E-17	-6E-16	5.23E-17	0.003387	0	0.07384	0
0.01045	3.58823E-05	0	5.961E-16	-5.2295E-17	-6E-16	5.23E-17	0.003391	0	-0.1561	0
0.0105	3.60514E-05	0	5.961E-16	-5.2294E-17	-6E-16	5.23E-17	0.003383	0	0.024216	0
0.01055	3.62206E-05	0	5.961E-16	-5.2293E-17	-6E-16	5.23E-17	0.003384	0	0.067427	0
0.0106	3.639E-05	0	5.961E-16	-5.173E-17	-6E-16	5.23E-17	0.003388	0	-0.04118	0
0.01065	3.65593E-05	0	5.961E-16	-5.1729E-17	-6E-16	5.17E-17	0.003386	0	-0.01704	0
0.0107	3.67285E-05	0	5.961E-16	-5.1734E-17	-6E-16	5.17E-17	0.003385	0	0.025176	0
0.01075	3.68978E-05	0	5.961E-16	-5.1733E-17	-6E-16	5.17E-17	0.003386	0	-0.00125	0
0.0108	3.70671E-05	0	5.961E-16	-5.1731E-17	-6E-16	5.17E-17	0.003386	0	-0.01295	0

0.01085	3.72364E-05	0	5.961E-16	-5.1734E-17	-6E-16	5.17E-17	0.003385	0	0.005947	0
0.0109	3.74057E-05	0	5.961E-16	-5.1734E-17	-6E-16	5.17E-17	0.003386	0	0.003276	0
0.01095	3.75749E-05	0	5.96E-16	-5.1739E-17	-6E-16	5.17E-17	0.003386	0	-0.00476	0
0.011	3.77442E-05	0	5.96E-16	-5.1738E-17	-6E-16	5.17E-17	0.003385	0	-0.00053	0
0.01105	3.79135E-05	0	5.96E-16	-5.1741E-17	-6E-16	5.17E-17	0.003385	0	0.001796	0
0.0111	3.80828E-05	0	5.96E-16	-5.1742E-17	-6E-16	5.17E-17	0.003386	0	-0.00119	0
0.01115	3.8252E-05	0	5.96E-16	-5.1743E-17	-6E-16	5.17E-17	0.003385	0	-0.00065	0
0.0112	3.84213E-05	0	5.96E-16	-5.1747E-17	-6E-16	5.17E-17	0.003385	0	0.000245	0
0.01125	3.85906E-05	0	5.96E-16	-5.1743E-17	-6E-16	5.17E-17	0.003385	0	-0.00081	0
0.0113	3.87599E-05	0	5.96E-16	-5.1745E-17	-6E-16	5.17E-17	0.003385	0	-0.00027	0
0.01135	3.89291E-05	0	5.96E-16	-5.1748E-17	-6E-16	5.17E-17	0.003385	0	0.000682	0
0.0114	3.90984E-05	0	5.96E-16	-5.1748E-17	-6E-16	5.17E-17	0.003385	0	-0.00157	0
0.01145	3.92677E-05	0	5.96E-16	-5.175E-17	-6E-16	5.17E-17	0.003385	0	0.000401	0
0.0115	3.94369E-05	0	5.96E-16	-5.1748E-17	-6E-16	5.18E-17	0.003385	0	-0.0005	0
0.01155	3.96062E-05	0	5.96E-16	-5.1751E-17	-6E-16	5.17E-17	0.003385	0	0.000565	0
0.0116	3.97755E-05	0	5.96E-16	-5.1752E-17	-6E-16	5.18E-17	0.003385	0	-0.00127	0
0.01165	3.99447E-05	0	5.96E-16	-5.1754E-17	-6E-16	5.18E-17	0.003385	0	-4.7E-05	0
0.0117	4.0114E-05	0	5.96E-16	-5.1756E-17	-6E-16	5.18E-17	0.003385	0	0.00042	0
0.01175	4.02833E-05	0	5.96E-16	-5.1752E-17	-6E-16	5.18E-17	0.003385	0	-0.00128	0
0.0118	4.04525E-05	0	5.96E-16	-5.1757E-17	-6E-16	5.18E-17	0.003385	0	-0.00073	0
0.01185	4.06218E-05	0	5.959E-16	-5.1753E-17	-6E-16	5.18E-17	0.003385	0	0.000368	0
0.0119	4.07911E-05	0	5.959E-16	-5.1754E-17	-6E-16	5.18E-17	0.003385	0	9.3E-05	0
0.01195	4.09603E-05	0	5.959E-16	-5.1756E-17	-6E-16	5.18E-17	0.003385	0	-0.00032	0
0.012	4.11296E-05	0	5.959E-16	-5.1758E-17	-6E-16	5.18E-17	0.003385	0	-0.00134	0
0.01205	4.12989E-05	0	5.959E-16	-5.1759E-17	-6E-16	5.18E-17	0.003385	0	0.000264	0
0.0121	4.14681E-05	0	5.959E-16	-5.1764E-17	-6E-16	5.18E-17	0.003385	0	-0.00048	0
0.01215	4.16374E-05	0	5.959E-16	-5.1762E-17	-6E-16	5.18E-17	0.003385	0	-0.00055	0
0.0122	4.18066E-05	0	5.959E-16	-5.1763E-17	-6E-16	5.18E-17	0.003385	0	0.000576	0
0.01225	4.19759E-05	0	5.959E-16	-5.1765E-17	-6E-16	5.18E-17	0.003385	0	-0.00067	0
0.0123	4.21451E-05	0	5.959E-16	-5.1765E-17	-6E-16	5.18E-17	0.003385	0	-0.00063	0
0.01235	4.23144E-05	0	5.959E-16	-5.1766E-17	-6E-16	5.18E-17	0.003385	0	-0.00092	0
0.0124	4.24837E-05	0	5.959E-16	-5.177E-17	-6E-16	5.18E-17	0.003385	0	0.000479	0
0.01245	4.26529E-05	0	5.959E-16	-5.1771E-17	-6E-16	5.18E-17	0.003385	0	0.000565	0



0.0125	4.28222E-05	0	5.959E-16	-5.1773E-17	-6E-16	5.18E-17	0.003385	0	-0.0008	0
0.01255	4.29914E-05	0	5.959E-16	-5.1774E-17	-6E-16	5.18E-17	0.003385	0	-0.00133	0
0.0126	4.31607E-05	0	5.959E-16	-5.1776E-17	-6E-16	5.18E-17	0.003385	0	0.000551	0
0.01265	4.33299E-05	0	5.959E-16	-5.1772E-17	-6E-16	5.18E-17	0.003385	0	-0.00015	0
0.0127	4.34992E-05	0	5.959E-16	-5.1775E-17	-6E-16	5.18E-17	0.003385	0	-0.00131	0
0.01275	4.36684E-05	0	5.958E-16	-5.1774E-17	-6E-16	5.18E-17	0.003385	0	0.000454	0
0.0128	4.38377E-05	0	5.958E-16	-5.1776E-17	-6E-16	5.18E-17	0.003385	0	-0.00027	0
0.01285	4.40069E-05	0	5.958E-16	-5.1779E-17	-6E-16	5.18E-17	0.003385	0	-0.00028	0
0.0129	4.41762E-05	0	5.952E-16	-5.191E-17	-6E-16	5.18E-17	0.003385	0	-0.06713	0
0.01295	4.43452E-05	0	5.952E-16	-5.1911E-17	-5.9E-16	5.19E-17	0.003382	0	0.025141	0
0.013	4.45144E-05	0	5.952E-16	-5.1913E-17	-6E-16	5.19E-17	0.003383	0	0.024157	0
0.01305	4.46836E-05	0	5.952E-16	-5.1915E-17	-6E-16	5.19E-17	0.003384	0	-0.02223	0
0.0131	4.48527E-05	0	5.952E-16	-5.1917E-17	-6E-16	5.19E-17	0.003383	0	-0.00447	0
0.01315	4.50219E-05	0	5.952E-16	-5.1921E-17	-6E-16	5.19E-17	0.003383	0	0.012902	0
0.0132	4.5191E-05	0	5.952E-16	-5.1917E-17	-6E-16	5.19E-17	0.003383	0	-0.00391	0
0.01325	4.53602E-05	0	5.952E-16	-5.1919E-17	-6E-16	5.19E-17	0.003383	0	-0.00536	0
0.0133	4.55293E-05	0	5.952E-16	-5.1921E-17	-6E-16	5.19E-17	0.003383	0	0.003313	0
0.01335	4.56985E-05	0	5.952E-16	-5.1921E-17	-6E-16	5.19E-17	0.003383	0	0.000548	0
0.0134	4.58677E-05	0	5.952E-16	-5.1921E-17	-6E-16	5.19E-17	0.003383	0	-0.00221	0
0.01345	4.60368E-05	0	5.952E-16	-5.1922E-17	-6E-16	5.19E-17	0.003383	0	-0.00021	0
0.0135	4.6206E-05	0	5.952E-16	-5.1926E-17	-6E-16	5.19E-17	0.003383	0	0.000669	0
0.01355	4.63751E-05	0	5.951E-16	-5.1928E-17	-6E-16	5.19E-17	0.003383	0	-0.00057	0
0.0136	4.65443E-05	0	5.958E-16	-5.1855E-17	-6E-16	5.19E-17	0.003383	0	0.072122	0
0.01365	4.67136E-05	0	5.958E-16	-5.1855E-17	-6E-16	5.18E-17	0.003387	0	-0.02871	0
0.0137	4.68828E-05	0	5.958E-16	-5.1856E-17	-6E-16	5.19E-17	0.003385	0	-0.02497	0
0.01375	4.7052E-05	0	5.958E-16	-5.1856E-17	-6E-16	5.19E-17	0.003384	0	0.024069	0
0.0138	4.72213E-05	0	5.958E-16	-5.1857E-17	-6E-16	5.19E-17	0.003385	0	0.001463	0
0.01385	4.73906E-05	0	5.958E-16	-5.1854E-17	-6E-16	5.19E-17	0.003385	0	-0.01258	0
0.0139	4.75598E-05	0	5.958E-16	-5.1859E-17	-6E-16	5.19E-17	0.003385	0	0.003406	0
0.01395	4.7729E-05	0	5.958E-16	-5.1859E-17	-6E-16	5.19E-17	0.003385	0	0.004045	0
0.014	4.78983E-05	0	5.958E-16	-5.1865E-17	-6E-16	5.19E-17	0.003385	0	-0.00307	0
0.01405	4.80675E-05	0	5.958E-16	-5.186E-17	-6E-16	5.19E-17	0.003385	0	-0.00195	0
0.0141	4.82367E-05	0	5.958E-16	-5.1859E-17	-6E-16	5.19E-17	0.003385	0	0.00211	0

0.01415	4.8406E-05	0	5.958E-16	-5.1864E-17	-6E-16	5.19E-17	0.003385	0	-0.00078	0
0.0142	4.85752E-05	0	5.958E-16	-5.1865E-17	-6E-16	5.19E-17	0.003385	0	-0.00067	0
0.01425	4.87444E-05	0	5.957E-16	-5.187E-17	-6E-16	5.19E-17	0.003385	0	-0.00058	0
0.0143	4.89137E-05	0	5.951E-16	-5.1994E-17	-6E-16	5.19E-17	0.003385	0	-0.06559	0
0.01435	4.90828E-05	0	5.951E-16	-5.1997E-17	-5.9E-16	5.2E-17	0.003381	0	0.024435	0
0.0144	4.92519E-05	0	5.951E-16	-5.1984E-17	-6E-16	5.2E-17	0.003383	0	0.022679	0
0.01445	4.94211E-05	0	5.951E-16	-5.1982E-17	-6E-16	5.2E-17	0.003384	0	-0.02184	0
0.0145	4.95902E-05	0	5.951E-16	-5.1985E-17	-6E-16	5.2E-17	0.003383	0	-0.00247	0
0.01455	4.97593E-05	0	5.951E-16	-5.1984E-17	-5.9E-16	5.2E-17	0.003383	0	0.010656	0
0.0146	4.99285E-05	0	5.951E-16	-5.1987E-17	-6E-16	5.2E-17	0.003383	0	-0.00318	0
0.01465	5.00976E-05	0	5.951E-16	-5.199E-17	-6E-16	5.2E-17	0.003383	0	-0.00464	0
0.0147	5.02668E-05	0	5.951E-16	-5.1983E-17	-6E-16	5.2E-17	0.003383	0	0.002644	0
0.01475	5.04359E-05	0	5.951E-16	-5.1987E-17	-6E-16	5.2E-17	0.003383	0	0.000618	0
0.0148	5.06051E-05	0	5.951E-16	-5.1991E-17	-6E-16	5.2E-17	0.003383	0	-0.00238	0
0.01485	5.07742E-05	0	5.951E-16	-5.1991E-17	-6E-16	5.2E-17	0.003383	0	0.001025	0
0.0149	5.09433E-05	0	5.951E-16	-5.1994E-17	-6E-16	5.2E-17	0.003383	0	0.00023	0
0.01495	5.11125E-05	0	5.951E-16	-5.1993E-17	-6E-16	5.2E-17	0.003383	0	-0.00145	0
0.015	5.12816E-05	0	5.951E-16	-5.1995E-17	-6E-16	5.2E-17	0.003383	0	-3.6E-05	0
0.01505	5.14507E-05	0	5.95E-16	-5.1996E-17	-6E-16	5.2E-17	0.003383	0	-0.00103	0
0.0151	5.16199E-05	0	5.95E-16	-5.1995E-17	-6E-16	5.2E-17	0.003383	0	0.000358	0
0.01515	5.1789E-05	0	5.95E-16	-5.2E-17	-6E-16	5.2E-17	0.003383	0	0.000431	0
0.0152	5.19581E-05	0	5.95E-16	-5.1999E-17	-6E-16	5.2E-17	0.003383	0	-0.00094	0
0.01525	5.21273E-05	0	5.95E-16	-5.1996E-17	-6E-16	5.2E-17	0.003383	0	-0.00119	0
0.0153	5.22964E-05	0	5.95E-16	-5.2002E-17	-6E-16	5.2E-17	0.003383	0	0.000995	0
0.01535	5.24655E-05	0	5.95E-16	-5.1999E-17	-6E-16	5.2E-17	0.003383	0	-0.00085	0
0.0154	5.26347E-05	0	5.949E-16	-5.1938E-17	-6E-16	5.2E-17	0.003383	0	-0.00731	0
0.01545	5.28038E-05	0	5.949E-16	-5.1937E-17	-5.9E-16	5.19E-17	0.003382	0	0.002657	0
0.0155	5.29729E-05	0	5.949E-16	-5.1936E-17	-5.9E-16	5.19E-17	0.003382	0	0.001325	0
0.01555	5.3142E-05	0	5.949E-16	-5.1938E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00218	0
0.0156	5.33111E-05	0	5.949E-16	-5.1938E-17	-5.9E-16	5.19E-17	0.003382	0	5.4E-05	0
0.01565	5.34803E-05	0	5.949E-16	-5.1941E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00067	0
0.0157	5.36494E-05	0	5.949E-16	-5.1941E-17	-5.9E-16	5.19E-17	0.003382	0	0.000205	0
0.01575	5.38185E-05	0	5.949E-16	-5.1941E-17	-5.9E-16	5.19E-17	0.003382	0	6.89E-05	0

0.0158	5.39876E-05	0	5.949E-16	-5.1941E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00091	0
0.01585	5.41567E-05	0	5.949E-16	-5.1944E-17	-5.9E-16	5.19E-17	0.003382	0	0.000286	0
0.0159	5.43258E-05	0	5.949E-16	-5.1941E-17	-5.9E-16	5.19E-17	0.003382	0	0.000223	0
0.01595	5.44949E-05	0	5.949E-16	-5.1942E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00145	0
0.016	5.46641E-05	0	5.949E-16	-5.1943E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00014	0
0.01605	5.48332E-05	0	5.949E-16	-5.1953E-17	-5.9E-16	5.19E-17	0.003382	0	0.000222	0
0.0161	5.50023E-05	0	5.949E-16	-5.1947E-17	-5.9E-16	5.2E-17	0.003382	0	-0.0013	0
0.01615	5.51714E-05	0	5.949E-16	-5.1949E-17	-5.9E-16	5.19E-17	0.003382	0	-0.00094	0
0.0162	5.53405E-05	0	5.949E-16	-5.195E-17	-5.9E-16	5.19E-17	0.003382	0	0.001583	0
0.01625	5.55096E-05	0	5.949E-16	-5.1952E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00062	0
0.0163	5.56787E-05	0	5.948E-16	-5.1953E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00126	0
0.01635	5.58478E-05	0	5.948E-16	-5.1957E-17	-5.9E-16	5.2E-17	0.003382	0	0.000799	0
0.0164	5.60169E-05	0	5.948E-16	-5.1951E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00119	0
0.01645	5.6186E-05	0	5.948E-16	-5.1954E-17	-5.9E-16	5.19E-17	0.003382	0	0.000301	0
0.0165	5.63551E-05	0	5.948E-16	-5.1956E-17	-5.9E-16	5.2E-17	0.003382	0	-0.0008	0
0.01655	5.65242E-05	0	5.948E-16	-5.1954E-17	-5.9E-16	5.2E-17	0.003382	0	5.24E-05	0
0.0166	5.66933E-05	0	5.948E-16	-5.1959E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00041	0
0.01665	5.68624E-05	0	5.948E-16	-5.1956E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00041	0
0.0167	5.70315E-05	0	5.948E-16	-5.1961E-17	-5.9E-16	5.2E-17	0.003382	0	0.000252	0
0.01675	5.72006E-05	0	5.948E-16	-5.196E-17	-5.9E-16	5.2E-17	0.003382	0	-0.0012	0
0.0168	5.73697E-05	0	5.948E-16	-5.1963E-17	-5.9E-16	5.2E-17	0.003382	0	0.000367	0
0.01685	5.75388E-05	0	5.948E-16	-5.1962E-17	-5.9E-16	5.2E-17	0.003382	0	-7.2E-05	0
0.0169	5.77079E-05	0	5.948E-16	-5.1959E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00056	0
0.01695	5.7877E-05	0	5.948E-16	-5.1959E-17	-5.9E-16	5.2E-17	0.003382	0	0.000296	0
0.017	5.80461E-05	0	5.948E-16	-5.1964E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00113	0
0.01705	5.82152E-05	0	5.948E-16	-5.1961E-17	-5.9E-16	5.2E-17	0.003382	0	-4.9E-05	0
0.0171	5.83843E-05	0	5.948E-16	-5.1964E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00082	0
0.01715	5.85534E-05	0	5.948E-16	-5.197E-17	-5.9E-16	5.2E-17	0.003382	0	0.000337	0
0.0172	5.87225E-05	0	5.948E-16	-5.197E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00061	0
0.01725	5.88916E-05	0	5.947E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00098	0
0.0173	5.90607E-05	0	5.947E-16	-5.197E-17	-5.9E-16	5.2E-17	0.003382	0	0.000706	0
0.01735	5.92298E-05	0	5.947E-16	-5.1971E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00059	0
0.0174	5.93989E-05	0	5.947E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.003382	0	2.07E-05	0

0.01745	5.9568E-05	0	5.947E-16	-5.197E-17	-5.9E-16	5.2E-17	0.003382	0	-0.001	0
0.0175	5.97371E-05	0	5.947E-16	-5.1973E-17	-5.9E-16	5.2E-17	0.003382	0	0.000979	0
0.01755	5.99062E-05	0	5.947E-16	-5.1974E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00138	0
0.0176	6.00752E-05	0	5.947E-16	-5.1978E-17	-5.9E-16	5.2E-17	0.003382	0	-1.5E-05	0
0.01765	6.02443E-05	0	5.947E-16	-5.1958E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00299	0
0.0177	6.04134E-05	0	5.947E-16	-5.196E-17	-5.9E-16	5.2E-17	0.003382	0	0.001226	0
0.01775	6.05825E-05	0	5.947E-16	-5.1958E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00023	0
0.0178	6.07516E-05	0	5.947E-16	-5.1962E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00112	0
0.01785	6.09207E-05	0	5.947E-16	-5.1963E-17	-5.9E-16	5.2E-17	0.003382	0	2.82E-05	0
0.0179	6.10897E-05	0	5.947E-16	-5.1962E-17	-5.9E-16	5.2E-17	0.003382	0	0.00014	0
0.01795	6.12588E-05	0	5.946E-16	-5.1964E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00132	0
0.018	6.14279E-05	0	5.946E-16	-5.1963E-17	-5.9E-16	5.2E-17	0.003382	0	0.000676	0
0.01805	6.1597E-05	0	5.946E-16	-5.1968E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00119	0
0.0181	6.1766E-05	0	5.946E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.003382	0	0.000609	0
0.01815	6.19351E-05	0	5.946E-16	-5.1969E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00066	0
0.0182	6.21042E-05	0	5.946E-16	-5.1974E-17	-5.9E-16	5.2E-17	0.003382	0	-0.00047	0
0.01825	6.22733E-05	0	5.946E-16	-5.1973E-17	-5.9E-16	5.2E-17	0.003381	0	-4E-05	0
0.0183	6.24423E-05	0	5.946E-16	-5.1973E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00064	0
0.01835	6.26114E-05	0	5.946E-16	-5.1973E-17	-5.9E-16	5.2E-17	0.003381	0	8.79E-05	0
0.0184	6.27805E-05	0	5.946E-16	-5.1974E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00054	0
0.01845	6.29496E-05	0	5.946E-16	-5.1976E-17	-5.9E-16	5.2E-17	0.003381	0	0.000857	0
0.0185	6.31186E-05	0	5.946E-16	-5.1983E-17	-5.9E-16	5.2E-17	0.003381	0	-5E-05	0
0.01855	6.32877E-05	0	5.946E-16	-5.1985E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00252	0
0.0186	6.34568E-05	0	5.946E-16	-5.1989E-17	-5.9E-16	5.2E-17	0.003381	0	0.00156	0
0.01865	6.36258E-05	0	5.946E-16	-5.1983E-17	-5.9E-16	5.2E-17	0.003381	0	1.58E-05	0
0.0187	6.37949E-05	0	5.946E-16	-5.199E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00141	0
0.01875	6.3964E-05	0	5.946E-16	-5.1988E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00023	0
0.0188	6.41331E-05	0	5.946E-16	-5.1992E-17	-5.9E-16	5.2E-17	0.003381	0	0.000358	0
0.01885	6.43021E-05	0	5.946E-16	-5.1991E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00071	0
0.0189	6.44712E-05	0	5.946E-16	-5.1998E-17	-5.9E-16	5.2E-17	0.003381	0	-9.6E-05	0
0.01895	6.46402E-05	0	5.946E-16	-5.1999E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00035	0
0.019	6.48093E-05	0	5.945E-16	-5.1999E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00149	0
0.01905	6.49784E-05	0	5.945E-16	-5.1997E-17	-5.9E-16	5.2E-17	0.003381	0	0.000794	0

0.0191	6.51474E-05	0	5.945E-16	-5.1997E-17	-5.9E-16	5.2E-17	0.003381	0	0.000845	0
0.01915	6.53165E-05	0	5.945E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00139	0
0.0192	6.54856E-05	0	5.945E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00112	0
0.01925	6.56546E-05	0	5.945E-16	-5.1997E-17	-5.9E-16	5.2E-17	0.003381	0	0.000208	0
0.0193	6.58237E-05	0	5.945E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003381	0	0.000542	0
0.01935	6.59927E-05	0	5.945E-16	-5.1999E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00098	0
0.0194	6.61618E-05	0	5.945E-16	-5.2004E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00073	0
0.01945	6.63309E-05	0	5.945E-16	-5.2002E-17	-5.9E-16	5.2E-17	0.003381	0	0.000151	0
0.0195	6.64999E-05	0	5.945E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003381	0	0.000176	0
0.01955	6.6669E-05	0	5.945E-16	-5.2005E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00052	0
0.0196	6.6838E-05	0	5.945E-16	-5.2009E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00106	0
0.01965	6.70071E-05	0	5.945E-16	-5.2003E-17	-5.9E-16	5.2E-17	0.003381	0	0.000578	0
0.0197	6.71761E-05	0	5.945E-16	-5.2005E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00017	0
0.01975	6.73452E-05	0	5.945E-16	-5.2008E-17	-5.9E-16	5.2E-17	0.003381	0	-0.0005	0
0.0198	6.75142E-05	0	5.945E-16	-5.201E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00033	0
0.01985	6.76833E-05	0	5.945E-16	-5.2011E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00075	0
0.0199	6.78523E-05	0	5.945E-16	-5.2008E-17	-5.9E-16	5.2E-17	0.003381	0	1.69E-05	0
0.01995	6.80214E-05	0	5.944E-16	-5.201E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00043	0
0.02	6.81904E-05	0	5.944E-16	-5.2011E-17	-5.9E-16	5.2E-17	0.003381	0	0.000221	0
0.02005	6.83595E-05	0	5.944E-16	-5.2012E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00081	0
0.0201	6.85285E-05	0	5.944E-16	-5.2015E-17	-5.9E-16	5.2E-17	0.003381	0	0.000416	0
0.02015	6.86976E-05	0	5.944E-16	-5.2012E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00064	0
0.0202	6.88666E-05	0	5.944E-16	-5.2015E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00072	0
0.02025	6.90357E-05	0	5.944E-16	-5.2018E-17	-5.9E-16	5.2E-17	0.003381	0	3.26E-05	0
0.0203	6.92047E-05	0	5.944E-16	-5.2019E-17	-5.9E-16	5.2E-17	0.003381	0	0.000444	0
0.02035	6.93738E-05	0	5.944E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00185	0
0.0204	6.95428E-05	0	5.944E-16	-5.2017E-17	-5.9E-16	5.2E-17	0.003381	0	0.00064	0
0.02045	6.97119E-05	0	5.944E-16	-5.2015E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00054	0
0.0205	6.98809E-05	0	5.944E-16	-5.202E-17	-5.9E-16	5.2E-17	0.003381	0	-6.1E-05	0
0.02055	7.005E-05	0	5.944E-16	-5.202E-17	-5.9E-16	5.2E-17	0.003381	0	-0.0008	0
0.0206	7.0219E-05	0	5.944E-16	-5.2019E-17	-5.9E-16	5.2E-17	0.003381	0	0.000117	0
0.02065	7.0388E-05	0	5.944E-16	-5.2022E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00033	0
0.0207	7.05571E-05	0	5.944E-16	-5.2026E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00012	0

0.02075	7.07261E-05	0	5.944E-16	-5.2023E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00087	0
0.0208	7.08951E-05	0	5.944E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00036	0
0.02085	7.10642E-05	0	5.944E-16	-5.2027E-17	-5.9E-16	5.2E-17	0.003381	0	0.000888	0
0.0209	7.12332E-05	0	5.943E-16	-5.2024E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00176	0
0.02095	7.14023E-05	0	5.943E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00057	0
0.021	7.15713E-05	0	5.943E-16	-5.2025E-17	-5.9E-16	5.2E-17	0.003381	0	0.001225	0
0.02105	7.17403E-05	0	5.943E-16	-5.2031E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00027	0
0.0211	7.19094E-05	0	5.943E-16	-5.2029E-17	-5.9E-16	5.2E-17	0.003381	0	-0.0009	0
0.02115	7.20784E-05	0	5.943E-16	-5.2034E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00068	0
0.0212	7.22474E-05	0	5.943E-16	-5.2032E-17	-5.9E-16	5.2E-17	0.003381	0	0.000551	0
0.02125	7.24165E-05	0	5.943E-16	-5.2034E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00131	0
0.0213	7.25855E-05	0	5.943E-16	-5.2033E-17	-5.9E-16	5.2E-17	0.003381	0	-7.5E-05	0
0.02135	7.27545E-05	0	5.943E-16	-5.2036E-17	-5.9E-16	5.2E-17	0.003381	0	-3.6E-05	0
0.0214	7.29235E-05	0	5.943E-16	-5.204E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00074	0
0.02145	7.30926E-05	0	5.943E-16	-5.2035E-17	-5.9E-16	5.2E-17	0.003381	0	6.02E-05	0
0.0215	7.32616E-05	0	5.943E-16	-5.2038E-17	-5.9E-16	5.2E-17	0.003381	0	0.000303	0
0.02155	7.34306E-05	0	5.943E-16	-5.2044E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00106	0
0.0216	7.35997E-05	0	5.943E-16	-5.204E-17	-5.9E-16	5.2E-17	0.003381	0	-0.00076	0
0.02165	7.37687E-05	0	5.943E-16	-5.2042E-17	-5.9E-16	5.2E-17	0.00338	0	0.000224	0
0.0217	7.39377E-05	0	5.943E-16	-5.2041E-17	-5.9E-16	5.2E-17	0.00338	0	0.00078	0
0.02175	7.41067E-05	0	5.943E-16	-5.2043E-17	-5.9E-16	5.2E-17	0.003381	0	-0.0014	0
0.0218	7.42757E-05	0	5.943E-16	-5.2046E-17	-5.9E-16	5.2E-17	0.00338	0	-0.0007	0
0.02185	7.44448E-05	0	5.942E-16	-5.2046E-17	-5.9E-16	5.2E-17	0.00338	0	0.00043	0
0.0219	7.46138E-05	0	5.938E-16	-5.1998E-17	-5.9E-16	5.2E-17	0.00338	0	-0.04898	0
0.02195	7.47827E-05	0	5.938E-16	-5.1995E-17	-5.9E-16	5.2E-17	0.003378	0	0.018065	0
0.022	7.49516E-05	0	5.938E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003379	0	0.016937	0
0.02205	7.51206E-05	0	5.938E-16	-5.1997E-17	-5.9E-16	5.2E-17	0.00338	0	-0.01705	0
0.0221	7.52896E-05	0	5.938E-16	-5.2E-17	-5.9E-16	5.2E-17	0.003379	0	-0.0018	0
0.02215	7.54585E-05	0	5.938E-16	-5.2002E-17	-5.9E-16	5.2E-17	0.003379	0	0.009038	0
0.0222	7.56275E-05	0	5.938E-16	-5.2008E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00346	0
0.02225	7.57964E-05	0	5.937E-16	-5.2005E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00396	0
0.0223	7.59654E-05	0	5.937E-16	-5.2004E-17	-5.9E-16	5.2E-17	0.003379	0	0.002524	0
0.02235	7.61343E-05	0	5.937E-16	-5.2007E-17	-5.9E-16	5.2E-17	0.003379	0	0.000776	0

0.0224	7.63033E-05	0	5.937E-16	-5.2007E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00261	0
0.02245	7.64722E-05	0	5.937E-16	-5.2006E-17	-5.9E-16	5.2E-17	0.003379	0	0.000144	0
0.0225	7.66412E-05	0	5.937E-16	-5.2009E-17	-5.9E-16	5.2E-17	0.003379	0	0.001414	0
0.02255	7.68101E-05	0	5.937E-16	-5.2011E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00202	0
0.0226	7.69791E-05	0	5.937E-16	-5.201E-17	-5.9E-16	5.2E-17	0.003379	0	-2.8E-05	0
0.02265	7.7148E-05	0	5.937E-16	-5.2011E-17	-5.9E-16	5.2E-17	0.003379	0	0.00037	0
0.0227	7.73169E-05	0	5.937E-16	-5.201E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00126	0
0.02275	7.74859E-05	0	5.937E-16	-5.2014E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00048	0
0.0228	7.76548E-05	0	5.937E-16	-5.201E-17	-5.9E-16	5.2E-17	0.003379	0	0.001331	0
0.02285	7.78238E-05	0	5.937E-16	-5.2012E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00022	0
0.0229	7.79927E-05	0	5.937E-16	-5.2014E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00248	0
0.02295	7.81617E-05	0	5.937E-16	-5.2012E-17	-5.9E-16	5.2E-17	0.003379	0	0.000546	0
0.023	7.83306E-05	0	5.937E-16	-5.2015E-17	-5.9E-16	5.2E-17	0.003379	0	0.000759	0
0.02305	7.84995E-05	0	5.937E-16	-5.2016E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00113	0
0.0231	7.86685E-05	0	5.936E-16	-5.1959E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00263	0
0.02315	7.88374E-05	0	5.936E-16	-5.1956E-17	-5.9E-16	5.2E-17	0.003379	0	0.00108	0
0.0232	7.90063E-05	0	5.936E-16	-5.1955E-17	-5.9E-16	5.2E-17	0.003379	0	0.000377	0
0.02325	7.91753E-05	0	5.936E-16	-5.1961E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00113	0
0.0233	7.93442E-05	0	5.936E-16	-5.1962E-17	-5.9E-16	5.2E-17	0.003379	0	-0.00025	0
0.02335	7.95131E-05	0	5.935E-16	-5.175E-17	-5.9E-16	5.2E-17	0.003379	0	-0.01116	0
0.0234	7.9682E-05	0	5.935E-16	-5.1757E-17	-5.9E-16	5.17E-17	0.003378	0	0.003452	0
0.02345	7.98509E-05	0	5.935E-16	-5.1766E-17	-5.9E-16	5.18E-17	0.003378	0	0.00219	0
0.0235	8.00199E-05	0	5.935E-16	-5.1769E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00246	0
0.02355	8.01888E-05	0	5.935E-16	-5.1767E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00033	0
0.0236	8.03577E-05	0	5.935E-16	-5.1769E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00017	0
0.02365	8.05266E-05	0	5.935E-16	-5.177E-17	-5.9E-16	5.18E-17	0.003378	0	0.000454	0
0.0237	8.06955E-05	0	5.935E-16	-5.1771E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00133	0
0.02375	8.08644E-05	0	5.935E-16	-5.1774E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00019	0
0.0238	8.10333E-05	0	5.935E-16	-5.1771E-17	-5.9E-16	5.18E-17	0.003378	0	0.000522	0
0.02385	8.12022E-05	0	5.934E-16	-5.1774E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00056	0
0.0239	8.13711E-05	0	5.934E-16	-5.1774E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00097	0
0.02395	8.154E-05	0	5.934E-16	-5.1776E-17	-5.9E-16	5.18E-17	0.003378	0	-0.0003	0
0.024	8.1709E-05	0	5.934E-16	-5.1772E-17	-5.9E-16	5.18E-17	0.003378	0	0.000884	0

0.02405	8.18779E-05	0	5.934E-16	-5.1781E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00126	0
0.0241	8.20468E-05	0	5.934E-16	-5.1779E-17	-5.9E-16	5.18E-17	0.003378	0	0.000189	0
0.02415	8.22157E-05	0	5.934E-16	-5.1778E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00042	0
0.0242	8.23846E-05	0	5.934E-16	-5.1782E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00069	0
0.02425	8.25535E-05	0	5.934E-16	-5.1781E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00059	0
0.0243	8.27224E-05	0	5.934E-16	-5.1784E-17	-5.9E-16	5.18E-17	0.003378	0	0.000662	0
0.02435	8.28913E-05	0	5.934E-16	-5.1788E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00071	0
0.0244	8.30602E-05	0	5.934E-16	-5.1788E-17	-5.9E-16	5.18E-17	0.003378	0	-0.0003	0
0.02445	8.32291E-05	0	5.934E-16	-5.1789E-17	-5.9E-16	5.18E-17	0.003378	0	0.000258	0
0.0245	8.3398E-05	0	5.934E-16	-5.1792E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00114	0
0.02455	8.35669E-05	0	5.934E-16	-5.1793E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00063	0
0.0246	8.37358E-05	0	5.934E-16	-5.1791E-17	-5.9E-16	5.18E-17	0.003378	0	0.000287	0
0.02465	8.39047E-05	0	5.934E-16	-5.179E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00064	0
0.0247	8.40736E-05	0	5.933E-16	-5.1796E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00077	0
0.02475	8.42424E-05	0	5.933E-16	-5.1795E-17	-5.9E-16	5.18E-17	0.003378	0	0.000206	0
0.0248	8.44113E-05	0	5.933E-16	-5.1793E-17	-5.9E-16	5.18E-17	0.003378	0	-0.00055	0
0.02485	8.45802E-05	0	5.918E-16	-5.0931E-17	-5.9E-16	5.18E-17	0.003378	0	-0.16848	0
0.0249	8.47487E-05	0	5.918E-16	-5.0929E-17	-5.9E-16	5.08E-17	0.003369	0	0.065284	0
0.02495	8.49173E-05	0	5.918E-16	-5.0932E-17	-5.9E-16	5.09E-17	0.003373	0	0.057973	0
0.025	8.50861E-05	0	5.917E-16	-5.0929E-17	-5.9E-16	5.09E-17	0.003376	0	-0.05635	0
0.02505	8.52547E-05	0	5.917E-16	-5.0933E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00777	0
0.0251	8.54234E-05	0	5.917E-16	-5.0933E-17	-5.9E-16	5.09E-17	0.003372	0	0.031412	0
0.02515	8.55921E-05	0	5.917E-16	-5.0937E-17	-5.9E-16	5.09E-17	0.003374	0	-0.00898	0
0.0252	8.57607E-05	0	5.917E-16	-5.0937E-17	-5.9E-16	5.09E-17	0.003373	0	-0.01291	0
0.02525	8.59294E-05	0	5.917E-16	-5.0937E-17	-5.9E-16	5.09E-17	0.003373	0	0.009494	0
0.0253	8.6098E-05	0	5.917E-16	-5.0939E-17	-5.9E-16	5.09E-17	0.003373	0	0.00075	0
0.02535	8.62667E-05	0	5.917E-16	-5.0939E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00491	0
0.0254	8.64354E-05	0	5.917E-16	-5.0938E-17	-5.9E-16	5.09E-17	0.003373	0	0.001696	0
0.02545	8.6604E-05	0	5.917E-16	-5.0945E-17	-5.9E-16	5.09E-17	0.003373	0	0.00011	0
0.0255	8.67727E-05	0	5.917E-16	-5.0944E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00129	0
0.02555	8.69413E-05	0	5.917E-16	-5.0944E-17	-5.9E-16	5.09E-17	0.003373	0	0.000114	0
0.0256	8.711E-05	0	5.917E-16	-5.0943E-17	-5.9E-16	5.09E-17	0.003373	0	7.98E-05	0
0.02565	8.72787E-05	0	5.917E-16	-5.0946E-17	-5.9E-16	5.09E-17	0.003373	0	-6E-05	0



0.0257	8.74473E-05	0	5.917E-16	-5.0945E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00093	0
0.02575	8.7616E-05	0	5.917E-16	-5.0945E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00027	0
0.0258	8.77846E-05	0	5.917E-16	-5.0952E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00016	0
0.02585	8.79533E-05	0	5.917E-16	-5.0951E-17	-5.9E-16	5.1E-17	0.003373	0	0.000369	0
0.0259	8.81219E-05	0	5.917E-16	-5.0949E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00126	0
0.02595	8.82906E-05	0	5.916E-16	-5.0952E-17	-5.9E-16	5.09E-17	0.003373	0	-0.0005	0
0.026	8.84592E-05	0	5.916E-16	-5.095E-17	-5.9E-16	5.1E-17	0.003373	0	0.000478	0
0.02605	8.86279E-05	0	5.916E-16	-5.0951E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00028	0
0.0261	8.87965E-05	0	5.916E-16	-5.0953E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00116	0
0.02615	8.89652E-05	0	5.916E-16	-5.0952E-17	-5.9E-16	5.1E-17	0.003373	0	0.000761	0
0.0262	8.91338E-05	0	5.916E-16	-5.0954E-17	-5.9E-16	5.1E-17	0.003373	0	-0.0006	0
0.02625	8.93025E-05	0	5.916E-16	-5.095E-17	-5.9E-16	5.1E-17	0.003373	0	-0.0008	0
0.0263	8.94711E-05	0	5.916E-16	-5.0958E-17	-5.9E-16	5.09E-17	0.003373	0	-0.00016	0
0.02635	8.96398E-05	0	5.916E-16	-5.0953E-17	-5.9E-16	5.1E-17	0.003373	0	0.000865	0
0.0264	8.98084E-05	0	5.916E-16	-5.0952E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00116	0
0.02645	8.99771E-05	0	5.916E-16	-5.0956E-17	-5.9E-16	5.1E-17	0.003373	0	-0.0008	0
0.0265	9.01457E-05	0	5.916E-16	-5.0956E-17	-5.9E-16	5.1E-17	0.003373	0	0.000588	0
0.02655	9.03143E-05	0	5.916E-16	-5.0957E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00062	0
0.0266	9.0483E-05	0	5.916E-16	-5.0955E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00017	0
0.02665	9.06516E-05	0	5.916E-16	-5.0961E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00048	0
0.0267	9.08203E-05	0	5.916E-16	-5.0959E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00069	0
0.02675	9.09889E-05	0	5.916E-16	-5.0962E-17	-5.9E-16	5.1E-17	0.003373	0	0.000285	0
0.0268	9.11576E-05	0	5.916E-16	-5.0958E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00107	0
0.02685	9.13262E-05	0	5.916E-16	-5.0962E-17	-5.9E-16	5.1E-17	0.003373	0	0.000384	0
0.0269	9.14948E-05	0	5.916E-16	-5.0959E-17	-5.9E-16	5.1E-17	0.003373	0	3.26E-05	0
0.02695	9.16635E-05	0	5.916E-16	-5.0962E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00042	0
0.027	9.18321E-05	0	5.915E-16	-5.0963E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00061	0
0.02705	9.20007E-05	0	5.915E-16	-5.0963E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00022	0
0.0271	9.21694E-05	0	5.915E-16	-5.0966E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00053	0
0.02715	9.2338E-05	0	5.915E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.003373	0	-4.8E-05	0
0.0272	9.25066E-05	0	5.915E-16	-5.0968E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00033	0
0.02725	9.26753E-05	0	5.915E-16	-5.0968E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00061	0
0.0273	9.28439E-05	0	5.915E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.003373	0	0.000213	0

0.02735	9.30125E-05	0	5.915E-16	-5.0967E-17	-5.9E-16	5.1E-17	0.003373	0	-0.0011	0
0.0274	9.31812E-05	0	5.915E-16	-5.0969E-17	-5.9E-16	5.1E-17	0.003373	0	0.000268	0
0.02745	9.33498E-05	0	5.915E-16	-5.0968E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00042	0
0.0275	9.35184E-05	0	5.915E-16	-5.0972E-17	-5.9E-16	5.1E-17	0.003373	0	0.000331	0
0.02755	9.36871E-05	0	5.915E-16	-5.0974E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00052	0
0.0276	9.38557E-05	0	5.915E-16	-5.0975E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00095	0
0.02765	9.40243E-05	0	5.915E-16	-5.0975E-17	-5.9E-16	5.1E-17	0.003373	0	0.000272	0
0.0277	9.41929E-05	0	5.915E-16	-5.0977E-17	-5.9E-16	5.1E-17	0.003373	0	-0.0006	0
0.02775	9.43616E-05	0	5.915E-16	-5.0978E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00021	0
0.0278	9.45302E-05	0	5.915E-16	-5.0977E-17	-5.9E-16	5.1E-17	0.003372	0	0.000176	0
0.02785	9.46988E-05	0	5.915E-16	-5.0979E-17	-5.9E-16	5.1E-17	0.003373	0	-0.00101	0
0.0279	9.48674E-05	0	5.914E-16	-5.0982E-17	-5.9E-16	5.1E-17	0.003372	0	-0.00043	0
0.02795	9.50361E-05	0	5.914E-16	-5.0981E-17	-5.9E-16	5.1E-17	0.003372	0	0.00054	0
0.028	9.52047E-05	0	5.915E-16	-5.106E-17	-5.9E-16	5.1E-17	0.003372	0	0.003405	0
0.02805	9.53733E-05	0	5.915E-16	-5.1063E-17	-5.9E-16	5.11E-17	0.003373	0	-0.00234	0
0.0281	9.55419E-05	0	5.915E-16	-5.1064E-17	-5.9E-16	5.11E-17	0.003373	0	-0.00116	0
0.02815	9.57106E-05	0	5.915E-16	-5.1064E-17	-5.9E-16	5.11E-17	0.003372	0	0.001039	0
0.0282	9.58792E-05	0	5.915E-16	-5.1066E-17	-5.9E-16	5.11E-17	0.003373	0	-0.00073	0
0.02825	9.60478E-05	0	5.914E-16	-5.1056E-17	-5.9E-16	5.11E-17	0.003372	0	-0.00054	0
0.0283	9.62164E-05	0	5.914E-16	-5.1054E-17	-5.9E-16	5.11E-17	0.003372	0	-0.00016	0
0.02835	9.63851E-05	0	5.914E-16	-5.1059E-17	-5.9E-16	5.11E-17	0.003372	0	0.000752	0
0.0284	9.65537E-05	0	5.914E-16	-5.1053E-17	-5.9E-16	5.11E-17	0.003372	0	-0.00156	0
0.02845	9.67223E-05	0	5.915E-16	-4.7847E-17	-5.9E-16	5.11E-17	0.003372	0	0.009537	0
0.0285	9.68909E-05	0	5.915E-16	-4.7841E-17	-5.9E-16	4.76E-17	0.003373	0	-0.00336	0
0.02855	9.70596E-05	0	5.915E-16	-4.7847E-17	-5.9E-16	4.79E-17	0.003373	0	-0.00417	0
0.0286	9.72282E-05	0	5.915E-16	-4.7848E-17	-5.9E-16	4.78E-17	0.003372	0	0.002615	0
0.02865	9.73968E-05	0	5.915E-16	-4.7849E-17	-5.9E-16	4.78E-17	0.003373	0	0.001291	0
0.0287	9.75655E-05	0	5.915E-16	-4.7849E-17	-5.9E-16	4.78E-17	0.003373	0	-0.00314	0
0.02875	9.77341E-05	0	5.915E-16	-4.7849E-17	-5.9E-16	4.78E-17	0.003373	0	0.000565	0
0.0288	9.79027E-05	0	5.915E-16	-4.7851E-17	-5.9E-16	4.78E-17	0.003373	0	0.000734	0
0.02885	9.80713E-05	0	5.915E-16	-4.7853E-17	-5.9E-16	4.79E-17	0.003373	0	-0.00116	0
0.0289	9.824E-05	0	5.915E-16	-4.7851E-17	-5.9E-16	4.79E-17	0.003373	0	-0.00091	0
0.02895	9.84086E-05	0	5.915E-16	-4.7852E-17	-5.9E-16	4.79E-17	0.003372	0	0.00053	0

0.029	9.85772E-05	0	5.915E-16	-4.7856E-17	-5.9E-16	4.79E-17	0.003373	0	-1.5E-05	0
0.02905	9.87459E-05	0	5.915E-16	-4.7851E-17	-5.9E-16	4.79E-17	0.003373	0	-0.00091	0
0.0291	9.89145E-05	0	5.915E-16	-4.7857E-17	-5.9E-16	4.79E-17	0.003372	0	0.000381	0
0.02915	9.90831E-05	0	5.914E-16	-4.7856E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00163	0
0.0292	9.92517E-05	0	5.914E-16	-4.7858E-17	-5.9E-16	4.79E-17	0.003372	0	0.000478	0
0.02925	9.94203E-05	0	5.914E-16	-4.786E-17	-5.9E-16	4.79E-17	0.003372	0	0.000248	0
0.0293	9.9589E-05	0	5.914E-16	-4.7861E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00124	0
0.02935	9.97576E-05	0	5.914E-16	-4.7864E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00044	0
0.0294	9.99262E-05	0	5.914E-16	-4.7866E-17	-5.9E-16	4.79E-17	0.003372	0	0.000404	0
0.02945	0.000100095	0	5.914E-16	-4.7868E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00063	0
0.0295	0.000100263	0	5.914E-16	-4.7867E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00032	0
0.02955	0.000100432	0	5.914E-16	-4.787E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00052	0
0.0296	0.000100601	0	5.914E-16	-4.7869E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00048	0
0.02965	0.000100769	0	5.914E-16	-4.7876E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00011	0
0.0297	0.000100938	0	5.914E-16	-4.7877E-17	-5.9E-16	4.79E-17	0.003372	0	0.000562	0
0.02975	0.000101107	0	5.914E-16	-4.7879E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00039	0
0.0298	0.000101275	0	5.914E-16	-4.7876E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00158	0
0.02985	0.000101444	0	5.914E-16	-4.7879E-17	-5.9E-16	4.79E-17	0.003372	0	0.000526	0
0.0299	0.000101612	0	5.914E-16	-4.7879E-17	-5.9E-16	4.79E-17	0.003372	0	0.000282	0
0.02995	0.000101781	0	5.914E-16	-4.7882E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00172	0
0.03	0.00010195	0	5.914E-16	-4.7884E-17	-5.9E-16	4.79E-17	0.003372	0	0.001417	0
0.03005	0.000102118	0	5.913E-16	-4.7886E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00148	0
0.0301	0.000102287	0	5.913E-16	-4.7886E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00061	0
0.03015	0.000102455	0	5.913E-16	-4.7887E-17	-5.9E-16	4.79E-17	0.003372	0	-5.2E-05	0
0.0302	0.000102624	0	5.913E-16	-4.7886E-17	-5.9E-16	4.79E-17	0.003372	0	4.75E-05	0
0.03025	0.000102793	0	5.912E-16	-4.793E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00909	0
0.0303	0.000102961	0	5.912E-16	-4.7929E-17	-5.9E-16	4.79E-17	0.003372	0	0.002879	0
0.03035	0.00010313	0	5.912E-16	-4.7932E-17	-5.9E-16	4.79E-17	0.003372	0	0.003513	0
0.0304	0.000103298	0	5.912E-16	-4.7926E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00384	0
0.03045	0.000103467	0	5.912E-16	-4.7929E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00102	0
0.0305	0.000103636	0	5.912E-16	-4.7931E-17	-5.9E-16	4.79E-17	0.003372	0	0.001766	0
0.03055	0.000103804	0	5.912E-16	-4.7932E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00025	0
0.0306	0.000103973	0	5.912E-16	-4.7932E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00174	0

0.03065	0.000104141	0	5.912E-16	-4.7935E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00034	0
0.0307	0.00010431	0	5.912E-16	-4.7936E-17	-5.9E-16	4.79E-17	0.003372	0	0.001033	0
0.03075	0.000104479	0	5.912E-16	-4.7938E-17	-5.9E-16	4.79E-17	0.003372	0	0.000109	0
0.0308	0.000104647	0	5.912E-16	-4.7936E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00145	0
0.03085	0.000104816	0	5.912E-16	-4.7937E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00027	0
0.0309	0.000104984	0	5.912E-16	-4.7937E-17	-5.9E-16	4.79E-17	0.003372	0	0.000204	0
0.03095	0.000105153	0	5.912E-16	-4.7939E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00038	0
0.031	0.000105321	0	5.912E-16	-4.7935E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00037	0
0.03105	0.00010549	0	5.912E-16	-4.7945E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00054	0
0.0311	0.000105659	0	5.912E-16	-4.7943E-17	-5.9E-16	4.79E-17	0.003372	0	5.76E-05	0
0.03115	0.000105827	0	5.912E-16	-4.7942E-17	-5.9E-16	4.79E-17	0.003372	0	-9.3E-05	0
0.0312	0.000105996	0	5.912E-16	-4.7943E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00056	0
0.03125	0.000106164	0	5.911E-16	-4.7939E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00013	0
0.0313	0.000106333	0	5.911E-16	-4.7944E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00017	0
0.03135	0.000106502	0	5.911E-16	-4.7945E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00076	0
0.0314	0.00010667	0	5.911E-16	-4.7943E-17	-5.9E-16	4.79E-17	0.003372	0	0.000118	0
0.03145	0.000106839	0	5.911E-16	-4.7943E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00056	0
0.0315	0.000107007	0	5.911E-16	-4.7948E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00016	0
0.03155	0.000107176	0	5.911E-16	-4.7947E-17	-5.9E-16	4.79E-17	0.003372	0	-0.00027	0
0.0316	0.000107344	0	5.911E-16	-4.7947E-17	-5.9E-16	4.79E-17	0.003372	0	-0.0005	0
0.03165	0.000107513	0	5.911E-16	-4.7951E-17	-5.9E-16	4.79E-17	0.003371	0	-0.00137	0
0.0317	0.000107682	0	5.911E-16	-4.7949E-17	-5.9E-16	4.8E-17	0.003371	0	0.001283	0
0.03175	0.00010785	0	5.911E-16	-4.7949E-17	-5.9E-16	4.79E-17	0.003371	0	-0.00035	0
0.0318	0.000108019	0	5.911E-16	-4.7953E-17	-5.9E-16	4.79E-17	0.003371	0	-0.00108	0
0.03185	0.000108187	0	5.911E-16	-4.7955E-17	-5.9E-16	4.8E-17	0.003371	0	0.000283	0
0.0319	0.000108356	0	5.911E-16	-4.7951E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00073	0
0.03195	0.000108524	0	5.911E-16	-4.7958E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00057	0
0.032	0.000108693	0	5.911E-16	-4.7958E-17	-5.9E-16	4.8E-17	0.003371	0	0.000902	0
0.03205	0.000108862	0	5.911E-16	-4.7955E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00098	0
0.0321	0.00010903	0	5.911E-16	-4.7959E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00083	0
0.03215	0.000109199	0	5.911E-16	-4.796E-17	-5.9E-16	4.8E-17	0.003371	0	0.00053	0
0.0322	0.000109367	0	5.91E-16	-4.7959E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00152	0
0.03225	0.000109536	0	5.91E-16	-4.7958E-17	-5.9E-16	4.8E-17	0.003371	0	0.000243	0

0.0323	0.000109704	0	5.91E-16	-4.7963E-17	-5.9E-16	4.8E-17	0.003371	0	0.000626	0
0.03235	0.000109873	0	5.91E-16	-4.7963E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00107	0
0.0324	0.000110041	0	5.91E-16	-4.7962E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00079	0
0.03245	0.00011021	0	5.91E-16	-4.7965E-17	-5.9E-16	4.8E-17	0.003371	0	0.000502	0
0.0325	0.000110379	0	5.91E-16	-4.7967E-17	-5.9E-16	4.8E-17	0.003371	0	0.000386	0
0.03255	0.000110547	0	5.91E-16	-4.7965E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00153	0
0.0326	0.000110716	0	5.91E-16	-4.7972E-17	-5.9E-16	4.8E-17	0.003371	0	0.000163	0
0.03265	0.000110884	0	5.91E-16	-4.7969E-17	-5.9E-16	4.8E-17	0.003371	0	0.000371	0
0.0327	0.000111053	0	5.91E-16	-4.797E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00162	0
0.03275	0.000111221	0	5.91E-16	-4.7972E-17	-5.9E-16	4.8E-17	0.003371	0	0.000142	0
0.0328	0.00011139	0	5.91E-16	-4.7974E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00051	0
0.03285	0.000111559	0	5.91E-16	-4.7974E-17	-5.9E-16	4.8E-17	0.003371	0	0.000523	0
0.0329	0.000111727	0	5.91E-16	-4.7978E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00107	0
0.03295	0.000111896	0	5.91E-16	-4.7976E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00047	0
0.033	0.000112064	0	5.91E-16	-4.7978E-17	-5.9E-16	4.8E-17	0.003371	0	0.000241	0
0.03305	0.000112233	0	5.91E-16	-4.7977E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00021	0
0.0331	0.000112401	0	5.91E-16	-4.7982E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00047	0
0.03315	0.00011257	0	5.909E-16	-4.7982E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00074	0
0.0332	0.000112738	0	5.909E-16	-4.7984E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00061	0
0.03325	0.000112907	0	5.909E-16	-4.7984E-17	-5.9E-16	4.8E-17	0.003371	0	0.000689	0
0.0333	0.000113076	0	5.909E-16	-4.7983E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00117	0
0.03335	0.000113244	0	5.909E-16	-4.7985E-17	-5.9E-16	4.8E-17	0.003371	0	0.001241	0
0.0334	0.000113413	0	5.909E-16	-4.7984E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00195	0
0.03345	0.000113581	0	5.909E-16	-4.7987E-17	-5.9E-16	4.8E-17	0.003371	0	7.52E-05	0
0.0335	0.00011375	0	5.909E-16	-4.7992E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00015	0
0.03355	0.000113918	0	5.909E-16	-4.799E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00022	0
0.0336	0.000114087	0	5.909E-16	-4.7984E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00071	0
0.03365	0.000114255	0	5.909E-16	-4.7991E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00045	0
0.0337	0.000114424	0	5.909E-16	-4.7996E-17	-5.9E-16	4.8E-17	0.003371	0	-3.7E-05	0
0.03375	0.000114592	0	5.909E-16	-4.7995E-17	-5.9E-16	4.8E-17	0.003371	0	2.42E-05	0
0.0338	0.000114761	0	5.909E-16	-4.7996E-17	-5.9E-16	4.8E-17	0.003371	0	0.000794	0
0.03385	0.000114929	0	5.909E-16	-4.7998E-17	-5.9E-16	4.8E-17	0.003371	0	-0.00266	0
0.0339	0.000115098	0	5.904E-16	-4.7741E-17	-5.9E-16	4.8E-17	0.003371	0	-0.0543	0

0.03395	0.000115266	0	5.903E-16	-4.7745E-17	-5.9E-16	4.77E-17	0.003368	0	0.020965	0
0.034	0.000115435	0	5.903E-16	-4.7745E-17	-5.9E-16	4.77E-17	0.003369	0	0.018039	0
0.03405	0.000115603	0	5.903E-16	-4.7739E-17	-5.9E-16	4.77E-17	0.00337	0	-0.01774	0
0.0341	0.000115772	0	5.903E-16	-4.7736E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00225	0
0.03415	0.00011594	0	5.903E-16	-4.774E-17	-5.9E-16	4.77E-17	0.003369	0	0.009557	0
0.0342	0.000116109	0	5.903E-16	-4.7739E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00364	0
0.03425	0.000116277	0	5.903E-16	-4.7742E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00391	0
0.0343	0.000116446	0	5.903E-16	-4.7743E-17	-5.9E-16	4.77E-17	0.003369	0	0.002405	0
0.03435	0.000116614	0	5.903E-16	-4.7742E-17	-5.9E-16	4.77E-17	0.003369	0	0.000107	0
0.0344	0.000116783	0	5.903E-16	-4.7744E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00014	0
0.03445	0.000116951	0	5.903E-16	-4.7744E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00152	0
0.0345	0.00011712	0	5.903E-16	-4.7747E-17	-5.9E-16	4.77E-17	0.003369	0	0.000558	0
0.03455	0.000117288	0	5.903E-16	-4.7749E-17	-5.9E-16	4.77E-17	0.003369	0	0.000216	0
0.0346	0.000117456	0	5.903E-16	-4.7748E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00138	0
0.03465	0.000117625	0	5.903E-16	-4.7747E-17	-5.9E-16	4.77E-17	0.003369	0	5.88E-05	0
0.0347	0.000117793	0	5.903E-16	-4.7749E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00068	0
0.03475	0.000117962	0	5.903E-16	-4.7749E-17	-5.9E-16	4.77E-17	0.003369	0	0.00029	0
0.0348	0.00011813	0	5.903E-16	-4.7752E-17	-5.9E-16	4.77E-17	0.003369	0	-0.00013	0
0.03485	0.000118299	0	5.902E-16	-4.776E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00126	0
0.0349	0.000118467	0	5.902E-16	-4.7762E-17	-5.9E-16	4.78E-17	0.003369	0	0.000714	0
0.03495	0.000118636	0	5.902E-16	-4.7768E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00091	0
0.035	0.000118804	0	5.902E-16	-4.7766E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00061	0
0.03505	0.000118973	0	5.902E-16	-4.7767E-17	-5.9E-16	4.78E-17	0.003369	0	-8.4E-05	0
0.0351	0.000119141	0	5.902E-16	-4.7768E-17	-5.9E-16	4.78E-17	0.003369	0	0.00015	0
0.03515	0.000119309	0	5.902E-16	-4.7769E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00045	0
0.0352	0.000119478	0	5.902E-16	-4.777E-17	-5.9E-16	4.78E-17	0.003369	0	-0.0009	0
0.03525	0.000119646	0	5.902E-16	-4.7776E-17	-5.9E-16	4.78E-17	0.003369	0	0.000339	0
0.0353	0.000119815	0	5.902E-16	-4.7772E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00043	0
0.03535	0.000119983	0	5.902E-16	-4.7772E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00072	0
0.0354	0.000120152	0	5.902E-16	-4.7774E-17	-5.9E-16	4.78E-17	0.003369	0	8.29E-05	0
0.03545	0.00012032	0	5.902E-16	-4.7776E-17	-5.9E-16	4.78E-17	0.003369	0	0.00024	0
0.0355	0.000120489	0	5.902E-16	-4.7777E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00171	0
0.03555	0.000120657	0	5.902E-16	-4.7779E-17	-5.9E-16	4.78E-17	0.003369	0	2.94E-05	0

0.0356	0.000120825	0	5.902E-16	-4.7779E-17	-5.9E-16	4.78E-17	0.003369	0	0.00093	0
0.03565	0.000120994	0	5.902E-16	-4.7782E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00082	0
0.0357	0.000121162	0	5.902E-16	-4.7778E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00082	0
0.03575	0.000121331	0	5.902E-16	-4.7779E-17	-5.9E-16	4.78E-17	0.003369	0	-9.8E-05	0
0.0358	0.000121499	0	5.902E-16	-4.7774E-17	-5.9E-16	4.78E-17	0.003369	0	0.000893	0
0.03585	0.000121668	0	5.901E-16	-4.7775E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00125	0
0.0359	0.000121836	0	5.901E-16	-4.7778E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00064	0
0.03595	0.000122004	0	5.901E-16	-4.7779E-17	-5.9E-16	4.78E-17	0.003369	0	-0.0002	0
0.036	0.000122173	0	5.901E-16	-4.778E-17	-5.9E-16	4.78E-17	0.003369	0	0.000167	0
0.03605	0.000122341	0	5.901E-16	-4.7781E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00219	0
0.0361	0.00012251	0	5.901E-16	-4.7781E-17	-5.9E-16	4.78E-17	0.003369	0	0.001338	0
0.03615	0.000122678	0	5.901E-16	-4.7781E-17	-5.9E-16	4.78E-17	0.003369	0	0.000565	0
0.0362	0.000122847	0	5.901E-16	-4.7781E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00214	0
0.03625	0.000123015	0	5.901E-16	-4.7782E-17	-5.9E-16	4.78E-17	0.003369	0	-0.0004	0
0.0363	0.000123183	0	5.901E-16	-4.7784E-17	-5.9E-16	4.78E-17	0.003369	0	0.001146	0
0.03635	0.000123352	0	5.901E-16	-4.7786E-17	-5.9E-16	4.78E-17	0.003369	0	-4E-05	0
0.0364	0.00012352	0	5.901E-16	-4.7783E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00185	0
0.03645	0.000123689	0	5.901E-16	-4.7785E-17	-5.9E-16	4.78E-17	0.003369	0	5.46E-05	0
0.0365	0.000123857	0	5.901E-16	-4.7789E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00039	0
0.03655	0.000124026	0	5.901E-16	-4.7791E-17	-5.9E-16	4.78E-17	0.003369	0	0.000199	0
0.0366	0.000124194	0	5.901E-16	-4.7791E-17	-5.9E-16	4.78E-17	0.003369	0	-9.3E-05	0
0.03665	0.000124362	0	5.901E-16	-4.7793E-17	-5.9E-16	4.78E-17	0.003369	0	-0.00094	0
0.0367	0.000124531	0	5.901E-16	-4.7793E-17	-5.9E-16	4.78E-17	0.003368	0	-1.1E-05	0
0.03675	0.000124699	0	5.9E-16	-4.7795E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00011	0
0.0368	0.000124868	0	5.9E-16	-4.7794E-17	-5.9E-16	4.78E-17	0.003368	0	0.000161	0
0.03685	0.000125036	0	5.9E-16	-4.7793E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00094	0
0.0369	0.000125205	0	5.9E-16	-4.7794E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00107	0
0.03695	0.000125373	0	5.9E-16	-4.7797E-17	-5.9E-16	4.78E-17	0.003368	0	0.000345	0
0.037	0.000125541	0	5.9E-16	-4.7798E-17	-5.9E-16	4.78E-17	0.003368	0	9.66E-06	0
0.03705	0.00012571	0	5.9E-16	-4.7797E-17	-5.9E-16	4.78E-17	0.003368	0	5.11E-05	0
0.0371	0.000125878	0	5.9E-16	-4.7801E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00119	0
0.03715	0.000126047	0	5.9E-16	-4.7799E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00017	0
0.0372	0.000126215	0	5.9E-16	-4.7802E-17	-5.9E-16	4.78E-17	0.003368	0	-7.4E-05	0

0.03725	0.000126384	0	5.9E-16	-4.7801E-17	-5.9E-16	4.78E-17	0.003368	0	-4.6E-05	0
0.0373	0.000126552	0	5.9E-16	-4.7803E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00052	0
0.03735	0.00012672	0	5.9E-16	-4.7802E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00072	0
0.0374	0.000126889	0	5.9E-16	-4.7803E-17	-5.9E-16	4.78E-17	0.003368	0	0.000627	0
0.03745	0.000127057	0	5.9E-16	-4.7807E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00033	0
0.0375	0.000127226	0	5.9E-16	-4.7805E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00126	0
0.03755	0.000127394	0	5.9E-16	-4.7805E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00061	0
0.0376	0.000127562	0	5.9E-16	-4.7807E-17	-5.9E-16	4.78E-17	0.003368	0	0.000794	0
0.03765	0.000127731	0	5.9E-16	-4.7808E-17	-5.9E-16	4.78E-17	0.003368	0	-7.6E-05	0
0.0377	0.000127899	0	5.899E-16	-4.7807E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00153	0
0.03775	0.000128068	0	5.899E-16	-4.7809E-17	-5.9E-16	4.78E-17	0.003368	0	0.000543	0
0.0378	0.000128236	0	5.899E-16	-4.7812E-17	-5.9E-16	4.78E-17	0.003368	0	0.000316	0
0.03785	0.000128404	0	5.899E-16	-4.7808E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00096	0
0.0379	0.000128573	0	5.899E-16	-4.7812E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00091	0
0.03795	0.000128741	0	5.899E-16	-4.7813E-17	-5.9E-16	4.78E-17	0.003368	0	0.000734	0
0.038	0.00012891	0	5.899E-16	-4.7812E-17	-5.9E-16	4.78E-17	0.003368	0	-8E-06	0
0.03805	0.000129078	0	5.899E-16	-4.7815E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00131	0
0.0381	0.000129246	0	5.899E-16	-4.7816E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00037	0
0.03815	0.000129415	0	5.899E-16	-4.7819E-17	-5.9E-16	4.78E-17	0.003368	0	0.001075	0
0.0382	0.000129583	0	5.899E-16	-4.7815E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00092	0
0.03825	0.000129752	0	5.899E-16	-4.7818E-17	-5.9E-16	4.78E-17	0.003368	0	-0.0012	0
0.0383	0.00012992	0	5.899E-16	-4.7816E-17	-5.9E-16	4.78E-17	0.003368	0	-4.5E-05	0
0.03835	0.000130088	0	5.899E-16	-4.782E-17	-5.9E-16	4.78E-17	0.003368	0	2.36E-05	0
0.0384	0.000130257	0	5.899E-16	-4.7822E-17	-5.9E-16	4.78E-17	0.003368	0	0.000338	0
0.03845	0.000130425	0	5.899E-16	-4.7821E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00093	0
0.0385	0.000130594	0	5.899E-16	-4.7823E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00078	0
0.03855	0.000130762	0	5.899E-16	-4.7826E-17	-5.9E-16	4.78E-17	0.003368	0	0.000288	0
0.0386	0.00013093	0	5.899E-16	-4.7824E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00056	0
0.03865	0.000131099	0	5.899E-16	-4.7824E-17	-5.9E-16	4.78E-17	0.003368	0	0.000298	0
0.0387	0.000131267	0	5.898E-16	-4.7825E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00043	0
0.03875	0.000131436	0	5.898E-16	-4.782E-17	-5.9E-16	4.78E-17	0.003368	0	-0.0022	0
0.0388	0.000131604	0	5.898E-16	-4.7824E-17	-5.9E-16	4.78E-17	0.003368	0	0.000108	0
0.03885	0.000131772	0	5.898E-16	-4.7823E-17	-5.9E-16	4.78E-17	0.003368	0	0.000542	0



0.0389	0.000131941	0	5.898E-16	-4.7823E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00069	0
0.03895	0.000132109	0	5.898E-16	-4.7821E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00082	0
0.039	0.000132278	0	5.898E-16	-4.7827E-17	-5.9E-16	4.78E-17	0.003368	0	-1.9E-05	0
0.03905	0.000132446	0	5.898E-16	-4.7827E-17	-5.9E-16	4.78E-17	0.003368	0	-6.6E-05	0
0.0391	0.000132614	0	5.898E-16	-4.7831E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00012	0
0.03915	0.000132783	0	5.898E-16	-4.783E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00094	0
0.0392	0.000132951	0	5.898E-16	-4.7831E-17	-5.9E-16	4.78E-17	0.003368	0	0.000203	0
0.03925	0.00013312	0	5.898E-16	-4.7829E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00012	0
0.0393	0.000133288	0	5.898E-16	-4.7831E-17	-5.9E-16	4.78E-17	0.003368	0	-0.0003	0
0.03935	0.000133456	0	5.898E-16	-4.7835E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00046	0
0.0394	0.000133625	0	5.898E-16	-4.7841E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00046	0
0.03945	0.000133793	0	5.898E-16	-4.7834E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00011	0
0.0395	0.000133961	0	5.897E-16	-4.7834E-17	-5.9E-16	4.78E-17	0.003368	0	-0.0004	0
0.03955	0.00013413	0	5.897E-16	-4.7835E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00073	0
0.0396	0.000134298	0	5.897E-16	-4.7838E-17	-5.9E-16	4.78E-17	0.003368	0	0.000581	0
0.03965	0.000134467	0	5.897E-16	-4.784E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00051	0
0.0397	0.000134635	0	5.897E-16	-4.7844E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00138	0
0.03975	0.000134803	0	5.897E-16	-4.784E-17	-5.9E-16	4.78E-17	0.003367	0	-2.2E-05	0
0.0398	0.000134972	0	5.897E-16	-4.784E-17	-5.9E-16	4.78E-17	0.003367	0	0.001002	0
0.03985	0.00013514	0	5.897E-16	-4.7844E-17	-5.9E-16	4.78E-17	0.003368	0	-0.00106	0
0.0399	0.000135308	0	5.897E-16	-4.7848E-17	-5.9E-16	4.78E-17	0.003367	0	-0.00139	0
0.03995	0.000135477	0	5.897E-16	-4.7844E-17	-5.9E-16	4.78E-17	0.003367	0	0.001008	0
0.04	0.000135645	0	5.897E-16	-4.7848E-17	-5.9E-16	4.78E-17	0.003367	0	-0.00084	0
0.04005	0.000135814	0	5.897E-16	-4.7849E-17	-5.9E-16	4.78E-17	0.003367	0	-0.00029	0
0.0401	0.000135982	0	5.897E-16	-4.7851E-17	-5.9E-16	4.78E-17	0.003367	0	-0.0002	0
0.04015	0.00013615	0	5.897E-16	-4.7852E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00056	0
0.0402	0.000136319	0	5.897E-16	-4.7855E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00046	0
0.04025	0.000136487	0	5.897E-16	-4.7853E-17	-5.9E-16	4.79E-17	0.003367	0	0.000313	0
0.0403	0.000136655	0	5.897E-16	-4.7851E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00049	0
0.04035	0.000136824	0	5.896E-16	-4.7854E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00124	0
0.0404	0.000136992	0	5.896E-16	-4.7853E-17	-5.9E-16	4.79E-17	0.003367	0	0.000852	0
0.04045	0.000137161	0	5.896E-16	-4.7855E-17	-5.9E-16	4.79E-17	0.003367	0	-0.0004	0
0.0405	0.000137329	0	5.896E-16	-4.7857E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00126	0

0.04055	0.000137497	0	5.896E-16	-4.7854E-17	-5.9E-16	4.79E-17	0.003367	0	0.000671	0
0.0406	0.000137666	0	5.896E-16	-4.7855E-17	-5.9E-16	4.79E-17	0.003367	0	-6.6E-05	0
0.04065	0.000137834	0	5.896E-16	-4.7858E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00099	0
0.0407	0.000138002	0	5.896E-16	-4.7858E-17	-5.9E-16	4.79E-17	0.003367	0	0.000575	0
0.04075	0.000138171	0	5.896E-16	-4.786E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00102	0
0.0408	0.000138339	0	5.896E-16	-4.7858E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00022	0
0.04085	0.000138507	0	5.896E-16	-4.7862E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00037	0
0.0409	0.000138676	0	5.896E-16	-4.7862E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00021	0
0.04095	0.000138844	0	5.896E-16	-4.7865E-17	-5.9E-16	4.79E-17	0.003367	0	0.000327	0
0.041	0.000139013	0	5.896E-16	-4.7864E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00111	0
0.04105	0.000139181	0	5.896E-16	-4.7868E-17	-5.9E-16	4.79E-17	0.003367	0	-0.00047	0
0.0411	0.000139349	0	5.896E-16	-4.7867E-17	-5.9E-16	4.79E-17	0.003367	0	0.000582	0
0.04115	0.000139518	0	8.747E-16	4.65153E-17	-5.9E-16	4.79E-17	0.003367	0	30.59342	0
0.0412	0.000139762	0	8.747E-16	4.6516E-17	-1.2E-15	-1.5E-19	0.004897	0	-24.6427	0
0.04125	0.000139946	0	8.747E-16	4.65201E-17	-7E-16	-1.6E-17	0.003665	0	6.596821	0
0.0413	0.000140145	0	8.747E-16	4.65206E-17	-8.3E-16	-4E-17	0.003995	0	8.119781	0
0.04135	0.000140365	0	8.747E-16	4.65277E-17	-1E-15	-4.7E-17	0.0044	0	-10.1356	0
0.0414	0.00014056	0	8.747E-16	4.65299E-17	-7.9E-16	-4.7E-17	0.003894	0	4.189221	0
0.04145	0.000140765	0	8.747E-16	4.65316E-17	-8.8E-16	-4.7E-17	0.004103	0	2.004964	0
0.0415	0.000140975	0	8.747E-16	4.65333E-17	-9.2E-16	-4.7E-17	0.004203	0	-3.73349	0
0.04155	0.000141176	0	8.747E-16	4.65352E-17	-8.4E-16	-4.7E-17	0.004017	0	1.958278	0
0.0416	0.000141382	0	8.747E-16	4.6539E-17	-8.8E-16	-4.7E-17	0.004115	0	0.361633	0
0.04165	0.000141589	0	8.747E-16	4.65378E-17	-8.9E-16	-4.7E-17	0.004133	0	-1.26885	0
0.0417	0.000141792	0	8.747E-16	4.65422E-17	-8.6E-16	-4.7E-17	0.004069	0	0.818708	0
0.04175	0.000141998	0	8.746E-16	4.65445E-17	-8.8E-16	-4.7E-17	0.00411	0	-0.00722	0
0.0418	0.000142203	0	8.747E-16	4.65501E-17	-8.8E-16	-4.7E-17	0.00411	0	-0.40303	0
0.04185	0.000142408	0	8.746E-16	4.65488E-17	-8.7E-16	-4.7E-17	0.00409	0	0.320099	0
0.0419	0.000142613	0	8.746E-16	4.65525E-17	-8.8E-16	-4.7E-17	0.004106	0	-0.05105	0
0.04195	0.000142818	0	8.746E-16	4.65541E-17	-8.8E-16	-4.7E-17	0.004103	0	-0.12039	0
0.042	0.000143023	0	8.746E-16	4.65865E-17	-8.7E-16	-4.7E-17	0.004097	0	0.122408	0
0.04205	0.000143228	0	8.746E-16	4.65887E-17	-8.8E-16	-4.7E-17	0.004103	0	-0.03636	0
0.0421	0.000143433	0	8.746E-16	4.65904E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.03363	0
0.04215	0.000143638	0	8.746E-16	4.6595E-17	-8.7E-16	-4.7E-17	0.0041	0	0.044439	0

0.0422	0.000143843	0	8.746E-16	4.65926E-17	-8.8E-16	-4.7E-17	0.004102	0	-0.01866	0
0.04225	0.000144048	0	8.746E-16	4.6598E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00805	0
0.0423	0.000144253	0	8.746E-16	4.65982E-17	-8.7E-16	-4.7E-17	0.004101	0	0.015265	0
0.04235	0.000144458	0	8.746E-16	4.65998E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00883	0
0.0424	0.000144663	0	8.746E-16	4.66063E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00077	0
0.04245	0.000144868	0	8.746E-16	4.66061E-17	-8.7E-16	-4.7E-17	0.004101	0	0.004346	0
0.0425	0.000145074	0	8.746E-16	4.66175E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00293	0
0.04255	0.000145279	0	8.746E-16	4.66196E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00039	0
0.0426	0.000145484	0	8.746E-16	4.66193E-17	-8.7E-16	-4.7E-17	0.004101	0	0.001133	0
0.04265	0.000145689	0	8.746E-16	4.66205E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00066	0
0.0427	0.000145894	0	8.746E-16	4.66272E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00169	0
0.04275	0.000146099	0	8.746E-16	4.66272E-17	-8.7E-16	-4.7E-17	0.004101	0	0.002338	0
0.0428	0.000146304	0	8.746E-16	4.66308E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00242	0
0.04285	0.000146509	0	8.746E-16	4.66313E-17	-8.7E-16	-4.7E-17	0.004101	0	0.00015	0
0.0429	0.000146714	0	8.746E-16	4.66357E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000851	0
0.04295	0.000146919	0	8.746E-16	4.66393E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00161	0
0.043	0.000147124	0	8.746E-16	4.66375E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000353	0
0.04305	0.000147329	0	8.745E-16	4.66442E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00015	0
0.0431	0.000147534	0	8.745E-16	4.66452E-17	-8.7E-16	-4.7E-17	0.004101	0	5.41E-05	0
0.04315	0.000147739	0	8.745E-16	4.66445E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00011	0
0.0432	0.000147944	0	8.745E-16	4.6647E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00098	0
0.04325	0.000148149	0	8.745E-16	4.66469E-17	-8.7E-16	-4.7E-17	0.004101	0	0.00083	0
0.0433	0.000148354	0	8.745E-16	4.66534E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.0008	0
0.04335	0.000148559	0	8.745E-16	4.66553E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00125	0
0.0434	0.000148764	0	8.745E-16	4.66576E-17	-8.7E-16	-4.7E-17	0.004101	0	0.001862	0
0.04345	0.000148969	0	8.745E-16	4.66567E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00284	0
0.0435	0.000149174	0	8.745E-16	4.66629E-17	-8.7E-16	-4.7E-17	0.004101	0	0.002356	0
0.04355	0.00014938	0	8.745E-16	4.66641E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00104	0
0.0436	0.000149585	0	8.745E-16	4.66652E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00142	0
0.04365	0.00014979	0	8.745E-16	4.66693E-17	-8.7E-16	-4.7E-17	0.004101	0	0.002229	0
0.0437	0.000149995	0	8.745E-16	4.6675E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00269	0
0.04375	0.0001502	0	8.745E-16	4.66736E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000849	0
0.0438	0.000150405	0	8.745E-16	4.66752E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.0001	0

0.04385	0.00015061	0	8.745E-16	4.66808E-17	-8.7E-16	-4.7E-17	0.004101	0	3.61E-05	0
0.0439	0.000150815	0	8.745E-16	4.66824E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00197	0
0.04395	0.00015102	0	8.745E-16	4.66855E-17	-8.7E-16	-4.7E-17	0.004101	0	0.00176	0
0.044	0.000151225	0	8.745E-16	4.66866E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00118	0
0.04405	0.00015143	0	8.745E-16	4.66849E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000295	0
0.0441	0.000151635	0	8.744E-16	4.66886E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00107	0
0.04415	0.00015184	0	8.745E-16	4.66901E-17	-8.7E-16	-4.7E-17	0.004101	0	0.0011	0
0.0442	0.000152045	0	8.745E-16	4.66949E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00065	0
0.04425	0.00015225	0	8.744E-16	4.66989E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00143	0
0.0443	0.000152455	0	8.744E-16	4.6701E-17	-8.7E-16	-4.7E-17	0.004101	0	0.001371	0
0.04435	0.00015266	0	8.744E-16	4.66923E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00048	0
0.0444	0.000152865	0	8.744E-16	4.66945E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00083	0
0.04445	0.00015307	0	8.744E-16	4.66965E-17	-8.7E-16	-4.7E-17	0.004101	0	9.36E-05	0
0.0445	0.000153275	0	8.744E-16	4.67009E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000232	0
0.04455	0.00015348	0	8.744E-16	4.67E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00098	0
0.0446	0.000153685	0	8.744E-16	4.67058E-17	-8.7E-16	-4.7E-17	0.004101	0	0.00054	0
0.04465	0.00015389	0	8.744E-16	4.67058E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00026	0
0.0447	0.000154095	0	8.744E-16	4.67102E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00037	0
0.04475	0.0001543	0	8.744E-16	4.67148E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00037	0
0.0448	0.000154505	0	8.744E-16	4.67167E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.0002	0
0.04485	0.00015471	0	8.744E-16	4.67182E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00013	0
0.0449	0.000154915	0	8.744E-16	4.67217E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00053	0
0.04495	0.00015512	0	8.744E-16	4.67227E-17	-8.7E-16	-4.7E-17	0.004101	0	0.000675	0
0.045	0.000155325	0	8.744E-16	4.67305E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00064	0
0.04505	0.00015553	0	8.744E-16	4.67302E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00017	0
0.0451	0.000155736	0	8.744E-16	4.67337E-17	-8.7E-16	-4.7E-17	0.004101	0	-0.00025	0
0.04515	0.000155941	0	8.744E-16	4.67389E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00073	0
0.0452	0.000156146	0	8.744E-16	4.6736E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000527	0
0.04525	0.000156351	0	8.744E-16	4.67403E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00021	0
0.0453	0.000156556	0	8.743E-16	4.67415E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00112	0
0.04535	0.000156761	0	8.743E-16	4.67451E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000659	0
0.0454	0.000156966	0	8.743E-16	4.67496E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.0002	0
0.04545	0.000157171	0	8.743E-16	4.67506E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00047	0

0.0455	0.000157376	0	8.743E-16	4.67562E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00108	0
0.04555	0.000157581	0	8.743E-16	4.67598E-17	-8.7E-16	-4.7E-17	0.0041	0	0.00131	0
0.0456	0.000157786	0	8.743E-16	4.67597E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00127	0
0.04565	0.000157991	0	8.743E-16	4.67639E-17	-8.7E-16	-4.7E-17	0.0041	0	0.001129	0
0.0457	0.000158196	0	8.743E-16	4.67623E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00107	0
0.04575	0.000158401	0	8.743E-16	4.67681E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00124	0
0.0458	0.000158606	0	8.743E-16	4.6768E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00235	0
0.04585	0.000158811	0	8.743E-16	4.67759E-17	-8.7E-16	-4.7E-17	0.0041	0	0.003942	0
0.0459	0.000159016	0	8.743E-16	4.67786E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00321	0
0.04595	0.000159221	0	8.743E-16	4.67848E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000402	0
0.046	0.000159426	0	8.743E-16	4.67805E-17	-8.7E-16	-4.7E-17	0.0041	0	0.001623	0
0.04605	0.000159631	0	8.743E-16	4.67834E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00283	0
0.0461	0.000159836	0	8.743E-16	4.67907E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000794	0
0.04615	0.000160041	0	8.743E-16	4.67916E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000943	0
0.0462	0.000160246	0	8.742E-16	4.67997E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00205	0
0.04625	0.000160451	0	8.742E-16	4.67932E-17	-8.7E-16	-4.7E-17	0.0041	0	0.00095	0
0.0463	0.000160656	0	8.741E-16	4.65311E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.01733	0
0.04635	0.000160861	0	8.741E-16	4.65345E-17	-8.7E-16	-4.7E-17	0.004099	0	0.011972	0
0.0464	0.000161066	0	8.741E-16	4.65394E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00045	0
0.04645	0.000161271	0	8.741E-16	4.6541E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00684	0
0.0465	0.000161476	0	8.741E-16	4.65439E-17	-8.7E-16	-4.7E-17	0.0041	0	0.006141	0
0.04655	0.000161681	0	8.741E-16	4.65445E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00227	0
0.0466	0.000161886	0	8.741E-16	4.6546E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00186	0
0.04665	0.000162091	0	8.741E-16	4.65489E-17	-8.7E-16	-4.7E-17	0.0041	0	0.002304	0
0.0467	0.000162296	0	8.741E-16	4.6552E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00118	0
0.04675	0.000162501	0	8.74E-16	4.65524E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00299	0
0.0468	0.000162706	0	8.74E-16	4.65555E-17	-8.7E-16	-4.7E-17	0.0041	0	0.003449	0
0.04685	0.000162911	0	8.74E-16	4.65581E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00254	0
0.0469	0.000163116	0	8.74E-16	4.65605E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000586	0
0.04695	0.000163321	0	8.74E-16	4.65612E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000344	0
0.047	0.000163526	0	8.74E-16	4.6564E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00142	0
0.04705	0.000163731	0	8.74E-16	4.65738E-17	-8.7E-16	-4.7E-17	0.0041	0	2.77E-05	0
0.0471	0.000163936	0	8.74E-16	4.65746E-17	-8.7E-16	-4.7E-17	0.0041	0	0.00059	0

0.04715	0.000164141	0	8.74E-16	4.65753E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00135	0
0.0472	0.000164346	0	8.74E-16	4.65788E-17	-8.7E-16	-4.7E-17	0.0041	0	6.4E-05	0
0.04725	0.000164551	0	8.74E-16	4.65837E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000139	0
0.0473	0.000164756	0	8.74E-16	4.65861E-17	-8.7E-16	-4.7E-17	0.0041	0	3.63E-05	0
0.04735	0.000164961	0	8.74E-16	4.65889E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00101	0
0.0474	0.000165166	0	8.74E-16	4.65897E-17	-8.7E-16	-4.7E-17	0.0041	0	0.001247	0
0.04745	0.000165371	0	8.74E-16	4.6598E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00176	0
0.0475	0.000165576	0	8.74E-16	4.65968E-17	-8.7E-16	-4.7E-17	0.0041	0	0.000906	0
0.04755	0.000165781	0	8.74E-16	4.65979E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00081	0
0.0476	0.000165985	0	8.739E-16	4.6605E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00058	0
0.04765	0.00016619	0	8.74E-16	4.66044E-17	-8.7E-16	-4.7E-17	0.004099	0	0.001615	0
0.0477	0.000166395	0	8.739E-16	4.66061E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00181	0
0.04775	0.0001666	0	8.739E-16	4.66113E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.00146	0
0.0478	0.000166805	0	8.739E-16	4.66093E-17	-8.7E-16	-4.7E-17	0.004099	0	0.002223	0
0.04785	0.00016701	0	8.739E-16	4.66154E-17	-8.7E-16	-4.7E-17	0.0041	0	-0.00174	0
0.0479	0.000167215	0	8.739E-16	4.6614E-17	-8.7E-16	-4.7E-17	0.004099	0	0.000179	0
0.04795	0.00016742	0	8.739E-16	4.66174E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.00022	0
0.048	0.000167625	0	8.739E-16	4.66183E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.0005	0
0.04805	0.00016783	0	8.739E-16	4.66204E-17	-8.7E-16	-4.7E-17	0.004099	0	0.000345	0
0.0481	0.000168035	0	8.739E-16	4.66257E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.00025	0
0.04815	0.00016824	0	8.739E-16	4.66287E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.00084	0
0.0482	0.000168445	0	8.739E-16	4.66297E-17	-8.7E-16	-4.7E-17	0.004099	0	0.001139	0
0.04825	0.00016865	0	8.739E-16	4.66317E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.00164	0
0.0483	0.000168855	0	8.739E-16	4.66324E-17	-8.7E-16	-4.7E-17	0.004099	0	0.000795	0
0.04835	0.00016906	0	8.739E-16	4.66376E-17	-8.7E-16	-4.7E-17	0.004099	0	-0.0025	0
0.0484	0.000169265	0	8.739E-16	4.66382E-17	-8.7E-16	-4.7E-17	0.004099	0	0.000998	0
0.04845	0.00016947	0	8.279E-16	-5.2327E-17	-8.7E-16	-4.7E-17	0.004099	0	-4.92856	0
0.0485	0.000169663	0	8.28E-16	-5.2331E-17	-7.7E-16	6.86E-19	0.003853	0	3.551068	0
0.04855	0.000169864	0	8.28E-16	-5.2327E-17	-8.4E-16	2.33E-17	0.00403	0	-0.02032	0
0.0486	0.000170066	0	8.28E-16	-5.2326E-17	-8.4E-16	5E-17	0.004029	0	-1.76035	0
0.04865	0.000170263	0	8.28E-16	-5.2323E-17	-8.1E-16	5.26E-17	0.003941	0	1.283276	0
0.0487	0.000170463	0	8.28E-16	-5.2319E-17	-8.3E-16	5.23E-17	0.004006	0	-0.04068	0
0.04875	0.000170663	0	8.28E-16	-5.2318E-17	-8.3E-16	5.23E-17	0.004004	0	-0.61158	0

0.0488	0.000170862	0	8.28E-16	-5.2319E-17	-8.2E-16	5.23E-17	0.003973	0	0.462403	0
0.04885	0.000171062	0	8.28E-16	-5.2319E-17	-8.3E-16	5.23E-17	0.003996	0	-0.02896	0
0.0489	0.000171261	0	8.28E-16	-5.2313E-17	-8.3E-16	5.23E-17	0.003995	0	-0.21048	0
0.04895	0.000171461	0	8.28E-16	-5.2312E-17	-8.3E-16	5.23E-17	0.003984	0	0.166533	0
0.049	0.00017166	0	8.28E-16	-5.2312E-17	-8.3E-16	5.23E-17	0.003992	0	-0.01582	0
0.04905	0.00017186	0	8.28E-16	-5.2307E-17	-8.3E-16	5.23E-17	0.003992	0	-0.07275	0
0.0491	0.000172059	0	8.28E-16	-5.2307E-17	-8.3E-16	5.23E-17	0.003988	0	0.061074	0
0.04915	0.000172259	0	8.28E-16	-5.2298E-17	-8.3E-16	5.23E-17	0.003991	0	-0.0083	0
0.0492	0.000172458	0	8.279E-16	-5.2298E-17	-8.3E-16	5.23E-17	0.003991	0	-0.02524	0
0.04925	0.000172658	0	8.279E-16	-5.2298E-17	-8.3E-16	5.23E-17	0.003989	0	0.022188	0
0.0493	0.000172857	0	8.279E-16	-5.2296E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00422	0
0.04935	0.000173057	0	8.279E-16	-5.2292E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00854	0
0.0494	0.000173256	0	8.279E-16	-5.2286E-17	-8.3E-16	5.23E-17	0.00399	0	0.007524	0
0.04945	0.000173456	0	8.279E-16	-5.2286E-17	-8.3E-16	5.23E-17	0.00399	0	-0.0014	0
0.0495	0.000173655	0	8.279E-16	-5.2288E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00309	0
0.04955	0.000173855	0	8.279E-16	-5.2285E-17	-8.3E-16	5.23E-17	0.00399	0	0.002195	0
0.0496	0.000174054	0	8.279E-16	-5.2284E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00042	0
0.04965	0.000174254	0	8.279E-16	-5.2282E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00351	0
0.0497	0.000174453	0	8.279E-16	-5.2278E-17	-8.3E-16	5.23E-17	0.00399	0	0.001794	0
0.04975	0.000174653	0	8.279E-16	-5.2277E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00017	0
0.0498	0.000174852	0	8.279E-16	-5.2276E-17	-8.3E-16	5.23E-17	0.00399	0	5.98E-05	0
0.04985	0.000175052	0	8.279E-16	-5.227E-17	-8.3E-16	5.23E-17	0.00399	0	-0.0002	0
0.0499	0.000175251	0	8.279E-16	-5.227E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00165	0
0.04995	0.000175451	0	8.279E-16	-5.227E-17	-8.3E-16	5.23E-17	0.00399	0	0.00163	0
0.05	0.00017565	0	8.279E-16	-5.2263E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00126	0
0.05005	0.00017585	0	8.279E-16	-5.2265E-17	-8.3E-16	5.23E-17	0.00399	0	0.000184	0
0.0501	0.000176049	0	8.278E-16	-5.226E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00055	0
0.05015	0.000176249	0	8.278E-16	-5.2259E-17	-8.3E-16	5.23E-17	0.00399	0	5.64E-06	0
0.0502	0.000176448	0	8.278E-16	-5.2255E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00021	0
0.05025	0.000176648	0	8.278E-16	-5.2253E-17	-8.3E-16	5.23E-17	0.00399	0	-0.00075	0
0.0503	0.000176847	0	8.278E-16	-5.2248E-17	-8.3E-16	5.23E-17	0.00399	0	0.001266	0
0.05035	0.000177047	0	8.278E-16	-5.2247E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00103	0
0.0504	0.000177246	0	8.278E-16	-5.2247E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00068	0

0.05045	0.000177446	0	8.278E-16	-5.2244E-17	-8.3E-16	5.22E-17	0.00399	0	0.000288	0
0.0505	0.000177645	0	8.278E-16	-5.224E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00021	0
0.05055	0.000177845	0	8.278E-16	-5.2242E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00054	0
0.0506	0.000178044	0	8.278E-16	-5.2236E-17	-8.3E-16	5.22E-17	0.00399	0	0.000357	0
0.05065	0.000178244	0	8.278E-16	-5.2232E-17	-8.3E-16	5.22E-17	0.00399	0	-0.0015	0
0.0507	0.000178443	0	8.278E-16	-5.223E-17	-8.3E-16	5.22E-17	0.00399	0	0.001214	0
0.05075	0.000178643	0	8.278E-16	-5.2227E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00103	0
0.0508	0.000178842	0	8.278E-16	-5.2228E-17	-8.3E-16	5.22E-17	0.00399	0	0.000235	0
0.05085	0.000179042	0	8.278E-16	-5.2223E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00102	0
0.0509	0.000179241	0	8.278E-16	-5.2219E-17	-8.3E-16	5.22E-17	0.00399	0	0.001064	0
0.05095	0.000179441	0	8.278E-16	-5.2235E-17	-8.3E-16	5.22E-17	0.00399	0	-0.0013	0
0.051	0.00017964	0	8.278E-16	-5.2227E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00114	0
0.05105	0.00017984	0	8.278E-16	-5.2228E-17	-8.3E-16	5.22E-17	0.00399	0	0.002182	0
0.0511	0.000180039	0	8.278E-16	-5.2227E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00165	0
0.05115	0.000180239	0	8.277E-16	-5.2225E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00102	0
0.0512	0.000180438	0	8.277E-16	-5.2222E-17	-8.3E-16	5.22E-17	0.00399	0	0.001411	0
0.05125	0.000180637	0	8.277E-16	-5.2219E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00139	0
0.0513	0.000180837	0	8.277E-16	-5.2217E-17	-8.3E-16	5.22E-17	0.00399	0	0.001209	0
0.05135	0.000181036	0	8.277E-16	-5.2213E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00132	0
0.0514	0.000181236	0	8.277E-16	-5.2215E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00145	0
0.05145	0.000181435	0	8.277E-16	-5.2205E-17	-8.3E-16	5.22E-17	0.00399	0	0.001601	0
0.0515	0.000181635	0	8.277E-16	-5.2201E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00086	0
0.05155	0.000181834	0	8.277E-16	-5.2201E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00089	0
0.0516	0.000182034	0	8.277E-16	-5.2194E-17	-8.3E-16	5.22E-17	0.00399	0	0.00117	0
0.05165	0.000182233	0	8.277E-16	-5.2194E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00131	0
0.0517	0.000182433	0	8.277E-16	-5.2191E-17	-8.3E-16	5.22E-17	0.00399	0	0.00055	0
0.05175	0.000182632	0	8.277E-16	-5.2188E-17	-8.3E-16	5.22E-17	0.00399	0	-0.0007	0
0.0518	0.000182832	0	8.277E-16	-5.2187E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00073	0
0.05185	0.000183031	0	8.277E-16	-5.2186E-17	-8.3E-16	5.22E-17	0.003989	0	0.001258	0
0.0519	0.000183231	0	8.277E-16	-5.2179E-17	-8.3E-16	5.22E-17	0.00399	0	-0.00172	0
0.05195	0.00018343	0	8.277E-16	-5.2181E-17	-8.3E-16	5.22E-17	0.003989	0	0.000335	0
0.052	0.00018363	0	8.277E-16	-5.2178E-17	-8.3E-16	5.22E-17	0.003989	0	0.000117	0
0.05205	0.000183829	0	8.277E-16	-5.2178E-17	-8.3E-16	5.22E-17	0.003989	0	-0.00134	0



0.0521	0.000184029	0	8.277E-16	-5.2177E-17	-8.3E-16	5.22E-17	0.003989	0	0.001273	0
0.05215	0.000184228	0	8.277E-16	-5.2174E-17	-8.3E-16	5.22E-17	0.003989	0	-0.00062	0
0.0522	0.000184428	0	8.276E-16	-5.2168E-17	-8.3E-16	5.22E-17	0.003989	0	-0.00095	0
0.05225	0.000184627	0	8.276E-16	-5.2169E-17	-8.3E-16	5.22E-17	0.003989	0	0.000501	0
0.0523	0.000184826	0	8.276E-16	-5.2168E-17	-8.3E-16	5.22E-17	0.003989	0	0.000424	0
0.05235	0.000185026	0	9.06E-16	-7.4063E-17	-8.3E-16	5.22E-17	0.003989	0	8.40842	0
0.0524	0.000185246	0	9.06E-16	-7.4059E-17	-1E-15	7.95E-17	0.00441	0	-7.09095	0
0.05245	0.000185449	0	9.06E-16	-7.4061E-17	-8.6E-16	7.22E-17	0.004055	0	1.90583	0
0.0525	0.000185657	0	9.06E-16	-7.4058E-17	-9E-16	7.47E-17	0.004151	0	2.040117	0
0.05255	0.000185869	0	9.06E-16	-7.4061E-17	-9.4E-16	7.39E-17	0.004253	0	-2.67564	0
0.0526	0.000186075	0	9.06E-16	-7.4059E-17	-8.8E-16	7.41E-17	0.004119	0	1.215112	0
0.05265	0.000186284	0	9.06E-16	-7.4055E-17	-9.1E-16	7.4E-17	0.00418	0	0.346684	0
0.0527	0.000186494	0	9.06E-16	-7.4052E-17	-9.2E-16	7.41E-17	0.004197	0	-0.89858	0
0.05275	0.000186702	0	9.06E-16	-7.4053E-17	-9E-16	7.4E-17	0.004152	0	0.571387	0
0.0528	0.000186911	0	9.06E-16	-7.4055E-17	-9.1E-16	7.41E-17	0.004181	0	-0.02214	0
0.05285	0.00018712	0	9.06E-16	-7.4049E-17	-9.1E-16	7.41E-17	0.004179	0	-0.26794	0
0.0529	0.000187328	0	9.06E-16	-7.4052E-17	-9E-16	7.4E-17	0.004166	0	0.23286	0
0.05295	0.000187537	0	9.06E-16	-7.405E-17	-9.1E-16	7.41E-17	0.004178	0	-0.06002	0
0.053	0.000187746	0	9.06E-16	-7.4046E-17	-9.1E-16	7.4E-17	0.004175	0	-0.06625	0
0.05305	0.000187954	0	9.06E-16	-7.4046E-17	-9E-16	7.4E-17	0.004171	0	0.084195	0
0.0531	0.000188163	0	9.06E-16	-7.4046E-17	-9.1E-16	7.4E-17	0.004176	0	-0.03665	0
0.05315	0.000188372	0	9.059E-16	-7.4043E-17	-9.1E-16	7.4E-17	0.004174	0	-0.01305	0
0.0532	0.00018858	0	9.059E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004173	0	0.028967	0
0.05325	0.000188789	0	9.059E-16	-7.4048E-17	-9.1E-16	7.4E-17	0.004175	0	-0.01767	0
0.0533	0.000188998	0	9.059E-16	-7.4041E-17	-9.1E-16	7.4E-17	0.004174	0	-0.0002	0
0.05335	0.000189206	0	9.059E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004174	0	0.008766	0
0.0534	0.000189415	0	9.059E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004174	0	-0.00837	0
0.05345	0.000189624	0	9.059E-16	-7.4038E-17	-9.1E-16	7.4E-17	0.004174	0	0.002962	0
0.0535	0.000189833	0	9.059E-16	-7.4036E-17	-9.1E-16	7.4E-17	0.004174	0	0.001169	0
0.05355	0.000190041	0	9.059E-16	-7.404E-17	-9.1E-16	7.4E-17	0.004174	0	-0.00393	0
0.0536	0.00019025	0	9.059E-16	-7.394E-17	-9.1E-16	7.4E-17	0.004174	0	0.004144	0
0.05365	0.000190459	0	9.059E-16	-7.3938E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00201	0
0.0537	0.000190667	0	9.059E-16	-7.3932E-17	-9.1E-16	7.39E-17	0.004174	0	0.000293	0

0.05375	0.000190876	0	9.059E-16	-7.3933E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00022	0
0.0538	0.000191085	0	9.059E-16	-7.3931E-17	-9.1E-16	7.39E-17	0.004174	0	0.000173	0
0.05385	0.000191293	0	9.059E-16	-7.3928E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00151	0
0.0539	0.000191502	0	9.059E-16	-7.3929E-17	-9.1E-16	7.39E-17	0.004174	0	0.001018	0
0.05395	0.000191711	0	9.059E-16	-7.3925E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00063	0
0.054	0.000191919	0	9.059E-16	-7.3925E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00024	0
0.05405	0.000192128	0	9.059E-16	-7.3924E-17	-9.1E-16	7.39E-17	0.004174	0	0.000167	0
0.0541	0.000192337	0	9.059E-16	-7.3925E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00112	0
0.05415	0.000192546	0	9.059E-16	-7.3922E-17	-9.1E-16	7.39E-17	0.004174	0	0.001291	0
0.0542	0.000192754	0	9.059E-16	-7.3921E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00098	0
0.05425	0.000192963	0	9.059E-16	-7.3921E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00062	0
0.0543	0.000193172	0	9.059E-16	-7.3917E-17	-9.1E-16	7.39E-17	0.004174	0	0.001067	0
0.05435	0.00019338	0	9.059E-16	-7.3915E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00136	0
0.0544	0.000193589	0	9.059E-16	-7.3916E-17	-9.1E-16	7.39E-17	0.004174	0	0.000772	0
0.05445	0.000193798	0	9.059E-16	-7.3916E-17	-9.1E-16	7.39E-17	0.004174	0	-0.0012	0
0.0545	0.000194006	0	9.059E-16	-7.3915E-17	-9.1E-16	7.39E-17	0.004174	0	0.000856	0
0.05455	0.000194215	0	9.058E-16	-7.3912E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00165	0
0.0546	0.000194424	0	9.058E-16	-7.3909E-17	-9.1E-16	7.39E-17	0.004174	0	0.000893	0
0.05465	0.000194632	0	9.058E-16	-7.391E-17	-9.1E-16	7.39E-17	0.004174	0	-0.0006	0
0.0547	0.000194841	0	9.058E-16	-7.3905E-17	-9.1E-16	7.39E-17	0.004174	0	-6.5E-05	0
0.05475	0.00019505	0	9.058E-16	-7.3906E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00026	0
0.0548	0.000195258	0	9.058E-16	-7.3903E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00032	0
0.05485	0.000195467	0	9.058E-16	-7.3906E-17	-9.1E-16	7.39E-17	0.004174	0	6.51E-05	0
0.0549	0.000195676	0	9.058E-16	-7.3903E-17	-9.1E-16	7.39E-17	0.004174	0	-4.3E-05	0
0.05495	0.000195884	0	9.058E-16	-7.3903E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00064	0
0.055	0.000196093	0	9.058E-16	-7.3902E-17	-9.1E-16	7.39E-17	0.004174	0	0.000486	0
0.05505	0.000196302	0	9.058E-16	-7.39E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00058	0
0.0551	0.00019651	0	9.058E-16	-7.3893E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00095	0
0.05515	0.000196719	0	9.058E-16	-7.3898E-17	-9.1E-16	7.39E-17	0.004174	0	0.000635	0
0.0552	0.000196928	0	9.058E-16	-7.3895E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00083	0
0.05525	0.000197137	0	9.058E-16	-7.3895E-17	-9.1E-16	7.39E-17	0.004174	0	0.000932	0
0.0553	0.000197345	0	9.058E-16	-7.3893E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00184	0
0.05535	0.000197554	0	9.058E-16	-7.3892E-17	-9.1E-16	7.39E-17	0.004173	0	0.000804	0

0.0554	0.000197763	0	9.058E-16	-7.3892E-17	-9.1E-16	7.39E-17	0.004174	0	0.000267	0
0.05545	0.000197971	0	9.058E-16	-7.3888E-17	-9.1E-16	7.39E-17	0.004174	0	-0.00124	0
0.0555	0.00019818	0	9.058E-16	-7.3885E-17	-9.1E-16	7.39E-17	0.004173	0	0.000628	0
0.05555	0.000198389	0	9.058E-16	-7.3886E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00071	0
0.0556	0.000198597	0	9.058E-16	-7.3884E-17	-9.1E-16	7.39E-17	0.004173	0	6.14E-05	0
0.05565	0.000198806	0	9.057E-16	-7.3881E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00108	0
0.0557	0.000199015	0	9.058E-16	-7.3883E-17	-9.1E-16	7.39E-17	0.004173	0	0.001591	0
0.05575	0.000199223	0	9.057E-16	-7.3881E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00205	0
0.0558	0.000199432	0	9.055E-16	-7.4065E-17	-9.1E-16	7.39E-17	0.004173	0	-0.02138	0
0.05585	0.000199641	0	9.055E-16	-7.406E-17	-9.1E-16	7.41E-17	0.004172	0	0.018646	0
0.0559	0.000199849	0	9.055E-16	-7.4063E-17	-9.1E-16	7.4E-17	0.004173	0	-0.0053	0
0.05595	0.000200058	0	9.056E-16	-7.4068E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00276	0
0.056	0.000200266	0	9.055E-16	-7.4064E-17	-9.1E-16	7.41E-17	0.004173	0	0.004417	0
0.05605	0.000200475	0	9.055E-16	-7.4064E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00209	0
0.0561	0.000200684	0	9.055E-16	-7.4067E-17	-9.1E-16	7.41E-17	0.004173	0	-0.0028	0
0.05615	0.000200892	0	9.055E-16	-7.4067E-17	-9.1E-16	7.41E-17	0.004173	0	0.004767	0
0.0562	0.000201101	0	9.055E-16	-7.4062E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00318	0
0.05625	0.00020131	0	9.055E-16	-7.4062E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00053	0
0.0563	0.000201518	0	9.055E-16	-7.4062E-17	-9.1E-16	7.41E-17	0.004173	0	0.001372	0
0.05635	0.000201727	0	9.055E-16	-7.4061E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00071	0
0.0564	0.000201936	0	9.055E-16	-7.406E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00052	0
0.05645	0.000202144	0	9.055E-16	-7.406E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00021	0
0.0565	0.000202353	0	9.055E-16	-7.4059E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00023	0
0.05655	0.000202562	0	9.055E-16	-7.406E-17	-9.1E-16	7.41E-17	0.004173	0	8.13E-05	0
0.0566	0.00020277	0	9.055E-16	-7.4058E-17	-9.1E-16	7.41E-17	0.004173	0	0.000114	0
0.05665	0.000202979	0	9.055E-16	-7.4051E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00104	0
0.0567	0.000203188	0	9.055E-16	-7.4053E-17	-9.1E-16	7.4E-17	0.004173	0	0.000386	0
0.05675	0.000203396	0	9.055E-16	-7.4051E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00034	0
0.0568	0.000203605	0	9.055E-16	-7.4049E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00031	0
0.05685	0.000203813	0	9.055E-16	-7.4054E-17	-9.1E-16	7.4E-17	0.004173	0	0.000409	0
0.0569	0.000204022	0	9.055E-16	-7.4049E-17	-9.1E-16	7.41E-17	0.004173	0	-0.00126	0
0.05695	0.000204231	0	9.055E-16	-7.405E-17	-9.1E-16	7.4E-17	0.004173	0	0.000436	0
0.057	0.000204439	0	9.055E-16	-7.4049E-17	-9.1E-16	7.41E-17	0.004173	0	0.000183	0

0.05705	0.000204648	0	9.055E-16	-7.4047E-17	-9.1E-16	7.4E-17	0.004173	0	-0.0008	0
0.0571	0.000204857	0	9.055E-16	-7.4049E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00016	0
0.05715	0.000205065	0	9.055E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004173	0	0.000478	0
0.0572	0.000205274	0	9.055E-16	-7.4041E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00066	0
0.05725	0.000205483	0	9.054E-16	-7.4043E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00067	0
0.0573	0.000205691	0	9.054E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004173	0	0.000617	0
0.05735	0.0002059	0	9.054E-16	-7.4044E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00023	0
0.0574	0.000206108	0	9.054E-16	-7.4042E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00125	0
0.05745	0.000206317	0	9.054E-16	-7.4043E-17	-9.1E-16	7.4E-17	0.004173	0	0.001309	0
0.0575	0.000206526	0	9.054E-16	-7.4036E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00187	0
0.05755	0.000206734	0	9.054E-16	-7.4039E-17	-9.1E-16	7.4E-17	0.004173	0	0.001734	0
0.0576	0.000206943	0	9.054E-16	-7.3946E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00221	0
0.05765	0.000207152	0	9.054E-16	-7.3948E-17	-9.1E-16	7.39E-17	0.004173	0	0.001091	0
0.0577	0.00020736	0	9.054E-16	-7.3942E-17	-9.1E-16	7.4E-17	0.004173	0	-0.00084	0
0.05775	0.000207569	0	9.054E-16	-7.3942E-17	-9.1E-16	7.39E-17	0.004173	0	0.000118	0
0.0578	0.000207778	0	9.054E-16	-7.3945E-17	-9.1E-16	7.39E-17	0.004173	0	0.00011	0
0.05785	0.000207986	0	9.054E-16	-7.3943E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00124	0
0.0579	0.000208195	0	9.054E-16	-7.3945E-17	-9.1E-16	7.39E-17	0.004173	0	0.001229	0
0.05795	0.000208403	0	9.054E-16	-7.3941E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00075	0
0.058	0.000208612	0	9.054E-16	-7.3942E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00081	0
0.05805	0.000208821	0	9.054E-16	-7.3938E-17	-9.1E-16	7.39E-17	0.004173	0	0.000862	0
0.0581	0.000209029	0	9.054E-16	-7.3934E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00131	0
0.05815	0.000209238	0	9.054E-16	-7.3935E-17	-9.1E-16	7.39E-17	0.004173	0	0.000507	0
0.0582	0.000209447	0	9.054E-16	-7.3931E-17	-9.1E-16	7.39E-17	0.004173	0	-6.5E-05	0
0.05825	0.000209655	0	9.054E-16	-7.393E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00039	0
0.0583	0.000209864	0	9.054E-16	-7.3927E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00019	0
0.05835	0.000210072	0	9.054E-16	-7.3929E-17	-9.1E-16	7.39E-17	0.004173	0	0.0002	0
0.0584	0.000210281	0	9.053E-16	-7.3924E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00071	0
0.05845	0.00021049	0	9.053E-16	-7.3923E-17	-9.1E-16	7.39E-17	0.004172	0	0.000361	0
0.0585	0.000210698	0	9.053E-16	-7.3924E-17	-9.1E-16	7.39E-17	0.004173	0	-0.00043	0
0.05855	0.000210907	0	9.053E-16	-7.3957E-17	-9.1E-16	7.39E-17	0.004172	0	-8.2E-05	0
0.0586	0.000211116	0	9.053E-16	-7.396E-17	-9.1E-16	7.4E-17	0.004172	0	-0.00019	0
0.05865	0.000211324	0	9.053E-16	-7.3915E-17	-9.1E-16	7.4E-17	0.004172	0	-0.00239	0

0.0587	0.000211533	0	9.053E-16	-7.3916E-17	-9.1E-16	7.39E-17	0.004172	0	0.000632	0
0.05875	0.000211741	0	9.053E-16	-7.391E-17	-9.1E-16	7.39E-17	0.004172	0	0.000179	0
0.0588	0.00021195	0	9.053E-16	-7.391E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00075	0
0.05885	0.000212159	0	9.053E-16	-7.3907E-17	-9.1E-16	7.39E-17	0.004172	0	0.000515	0
0.0589	0.000212367	0	9.053E-16	-7.3907E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00046	0
0.05895	0.000212576	0	9.053E-16	-7.3908E-17	-9.1E-16	7.39E-17	0.004172	0	-5.3E-05	0
0.059	0.000212785	0	9.053E-16	-7.3906E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00127	0
0.05905	0.000212993	0	9.053E-16	-7.3908E-17	-9.1E-16	7.39E-17	0.004172	0	0.001529	0
0.0591	0.000213202	0	9.053E-16	-7.3904E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00169	0
0.05915	0.00021341	0	9.053E-16	-7.3904E-17	-9.1E-16	7.39E-17	0.004172	0	0.000316	0
0.0592	0.000213619	0	9.053E-16	-7.3902E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00033	0
0.05925	0.000213828	0	9.053E-16	-7.3904E-17	-9.1E-16	7.39E-17	0.004172	0	0.000524	0
0.0593	0.000214036	0	9.053E-16	-7.3903E-17	-9.1E-16	7.39E-17	0.004172	0	-0.0004	0
0.05935	0.000214245	0	9.052E-16	-7.39E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00125	0
0.0594	0.000214453	0	9.052E-16	-7.39E-17	-9.1E-16	7.39E-17	0.004172	0	0.001216	0
0.05945	0.000214662	0	9.052E-16	-7.3895E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00042	0
0.0595	0.000214871	0	9.052E-16	-7.3892E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00174	0
0.05955	0.000215079	0	9.052E-16	-7.3892E-17	-9.1E-16	7.39E-17	0.004172	0	0.001819	0
0.0596	0.000215288	0	9.052E-16	-7.3893E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00127	0
0.05965	0.000215496	0	9.052E-16	-7.3894E-17	-9.1E-16	7.39E-17	0.004172	0	0.000313	0
0.0597	0.000215705	0	9.052E-16	-7.3897E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00083	0
0.05975	0.000215914	0	9.052E-16	-7.3892E-17	-9.1E-16	7.39E-17	0.004172	0	0.000125	0
0.0598	0.000216122	0	9.052E-16	-7.3891E-17	-9.1E-16	7.39E-17	0.004172	0	6.25E-05	0
0.05985	0.000216331	0	9.052E-16	-7.3889E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00081	0
0.0599	0.00021654	0	9.052E-16	-7.3888E-17	-9.1E-16	7.39E-17	0.004172	0	0.00019	0
0.05995	0.000216748	0	9.052E-16	-7.3887E-17	-9.1E-16	7.39E-17	0.004172	0	-8.4E-05	0
0.06	0.000216957	0	9.052E-16	-7.3887E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00033	0
0.06005	0.000217165	0	9.052E-16	-7.3886E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00094	0
0.0601	0.000217374	0	9.052E-16	-7.3883E-17	-9.1E-16	7.39E-17	0.004172	0	0.000467	0
0.06015	0.000217583	0	9.052E-16	-7.3886E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00015	0
0.0602	0.000217791	0	9.052E-16	-7.3882E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00137	0
0.06025	0.000218	0	9.052E-16	-7.3883E-17	-9.1E-16	7.39E-17	0.004172	0	0.001382	0
0.0603	0.000218208	0	9.052E-16	-7.3885E-17	-9.1E-16	7.39E-17	0.004172	0	-0.0007	0

0.06035	0.000218417	0	9.052E-16	-7.3879E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00077	0
0.0604	0.000218626	0	9.051E-16	-7.3879E-17	-9.1E-16	7.39E-17	0.004172	0	2.14E-05	0
0.06045	0.000218834	0	9.052E-16	-7.388E-17	-9.1E-16	7.39E-17	0.004172	0	0.00067	0
0.0605	0.000219043	0	9.051E-16	-7.3877E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00126	0
0.06055	0.000219251	0	9.051E-16	-7.3876E-17	-9.1E-16	7.39E-17	0.004172	0	0.000351	0
0.0606	0.00021946	0	9.051E-16	-7.3876E-17	-9.1E-16	7.39E-17	0.004172	0	0.000214	0
0.06065	0.000219669	0	9.051E-16	-7.3876E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00074	0
0.0607	0.000219877	0	9.051E-16	-7.3872E-17	-9.1E-16	7.39E-17	0.004172	0	-0.00084	0
0.06075	0.000220086	0	9.051E-16	-7.3876E-17	-9.1E-16	7.39E-17	0.004172	0	0.00166	0
0.0608	0.000220294	0	9.074E-16	-7.4577E-17	-9.1E-16	7.39E-17	0.004172	0	0.240311	0
0.06085	0.000220504	0	9.074E-16	-7.4566E-17	-9.1E-16	7.48E-17	0.004184	0	-0.19806	0
0.0609	0.000220712	0	9.074E-16	-7.4562E-17	-9.1E-16	7.45E-17	0.004174	0	0.043976	0
0.06095	0.000220921	0	9.074E-16	-7.4561E-17	-9.1E-16	7.46E-17	0.004176	0	0.061174	0
0.061	0.00022113	0	9.074E-16	-7.456E-17	-9.1E-16	7.46E-17	0.004179	0	-0.07193	0
0.06105	0.000221339	0	9.074E-16	-7.4557E-17	-9.1E-16	7.46E-17	0.004176	0	0.02804	0
0.0611	0.000221548	0	9.383E-16	9.2754E-17	-9.1E-16	7.46E-17	0.004177	0	3.332517	0
0.06115	0.000221765	0	9.383E-16	9.27543E-17	-9.8E-16	-1.9E-17	0.004344	0	-2.9381	0
0.0612	0.000221975	0	9.383E-16	9.27533E-17	-9.2E-16	-1E-16	0.004197	0	0.926639	0
0.06125	0.000222187	0	9.383E-16	9.27546E-17	-9.4E-16	-8.9E-17	0.004243	0	0.677373	0
0.0613	0.000222401	0	9.383E-16	9.27551E-17	-9.5E-16	-9.5E-17	0.004277	0	-1.05846	0
0.06135	0.000222612	0	9.383E-16	9.27546E-17	-9.3E-16	-9.2E-17	0.004224	0	0.583658	0
0.0614	0.000222825	0	9.383E-16	9.27553E-17	-9.4E-16	-9.3E-17	0.004253	0	0.023841	0
0.06145	0.000223037	0	9.383E-16	9.27574E-17	-9.4E-16	-9.3E-17	0.004255	0	-0.31283	0
0.0615	0.000223249	0	9.383E-16	9.27607E-17	-9.3E-16	-9.3E-17	0.004239	0	0.259729	0
0.06155	0.000223462	0	9.382E-16	9.28121E-17	-9.4E-16	-9.3E-17	0.004252	0	-0.07378	0
0.0616	0.000223674	0	9.382E-16	9.28122E-17	-9.4E-16	-9.3E-17	0.004248	0	-0.06551	0
0.06165	0.000223887	0	9.382E-16	9.28146E-17	-9.4E-16	-9.3E-17	0.004245	0	0.093447	0
0.0617	0.000224099	0	9.382E-16	9.2815E-17	-9.4E-16	-9.3E-17	0.00425	0	-0.04855	0
0.06175	0.000224311	0	9.382E-16	9.28177E-17	-9.4E-16	-9.3E-17	0.004247	0	-0.00504	0
0.0618	0.000224524	0	8.743E-16	9.43674E-18	-9.4E-16	-9.3E-17	0.004247	0	-6.8342	0
0.06185	0.000224719	0	8.743E-16	9.4363E-18	-7.9E-16	-1E-17	0.003905	0	5.292746	0
0.0619	0.000224928	0	8.743E-16	9.38989E-18	-9E-16	-9.8E-18	0.00417	0	-0.56056	0
0.06195	0.000225135	0	8.743E-16	9.38979E-18	-8.9E-16	-9.6E-18	0.004142	0	-2.189	0

0.062	0.000225336	0	8.743E-16	9.38993E-18	-8.5E-16	-9.5E-18	0.004032	0	1.988048	0
0.06205	0.000225543	0	8.743E-16	9.38971E-18	-8.9E-16	-9.4E-18	0.004132	0	-0.45253	0
0.0621	0.000225748	0	8.743E-16	9.38607E-18	-8.8E-16	-9.4E-18	0.004109	0	-0.6333	0
0.06215	0.000225952	0	8.743E-16	9.38875E-18	-8.6E-16	-9.4E-18	0.004078	0	0.722002	0
0.0622	0.000226158	0	8.743E-16	9.39159E-18	-8.8E-16	-9.4E-18	0.004114	0	-0.25126	0
0.06225	0.000226363	0	8.743E-16	9.39482E-18	-8.7E-16	-9.4E-18	0.004101	0	-0.16268	0
0.0623	0.000226568	0	8.743E-16	9.3929E-18	-8.7E-16	-9.4E-18	0.004093	0	0.252112	0
0.06235	0.000226773	0	8.742E-16	9.38731E-18	-8.8E-16	-9.4E-18	0.004106	0	-0.11737	0
0.0624	0.000226978	0	8.742E-16	9.3907E-18	-8.7E-16	-9.4E-18	0.0041	0	-0.03413	0
0.06245	0.000227183	0	8.742E-16	9.39355E-18	-8.7E-16	-9.4E-18	0.004098	0	0.084254	0
0.0625	0.000227388	0	8.742E-16	9.39143E-18	-8.8E-16	-9.4E-18	0.004102	0	-0.04966	0
0.06255	0.000227593	0	8.742E-16	9.38944E-18	-8.7E-16	-9.4E-18	0.0041	0	-0.00417	0
0.0626	0.000227798	0	8.742E-16	9.39392E-18	-8.7E-16	-9.4E-18	0.004099	0	0.027978	0
0.06265	0.000228003	0	8.742E-16	9.38717E-18	-8.7E-16	-9.4E-18	0.004101	0	-0.02146	0
0.0627	0.000228208	0	8.742E-16	9.39249E-18	-8.7E-16	-9.4E-18	0.0041	0	0.002035	0
0.06275	0.000228413	0	8.742E-16	9.38953E-18	-8.7E-16	-9.4E-18	0.0041	0	0.008172	0
0.0628	0.000228618	0	8.742E-16	9.39069E-18	-8.7E-16	-9.4E-18	0.0041	0	-0.00808	0
0.06285	0.000228823	0	8.742E-16	9.37886E-18	-8.7E-16	-9.4E-18	0.0041	0	0.00106	0
0.0629	0.000229028	0	8.736E-16	1.09777E-17	-8.7E-16	-9.4E-18	0.0041	0	-0.05772	0
0.06295	0.000229233	0	8.736E-16	1.09783E-17	-8.7E-16	-1E-17	0.004097	0	0.044067	0
0.063	0.000229438	0	8.736E-16	1.09754E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00668	0
0.06305	0.000229643	0	8.736E-16	1.09769E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.01709	0
0.0631	0.000229848	0	8.736E-16	1.09789E-17	-8.7E-16	-1.1E-17	0.004098	0	0.015363	0
0.06315	0.000230052	0	8.736E-16	1.09776E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00451	0
0.0632	0.000230257	0	8.736E-16	1.09751E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00434	0
0.06325	0.000230462	0	8.735E-16	1.09776E-17	-8.7E-16	-1.1E-17	0.004098	0	0.004759	0
0.0633	0.000230667	0	8.735E-16	1.09781E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00288	0
0.06335	0.000230872	0	8.735E-16	1.09763E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00041	0
0.0634	0.000231077	0	8.735E-16	1.09824E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000254	0
0.06345	0.000231282	0	8.735E-16	1.09768E-17	-8.7E-16	-1.1E-17	0.004099	0	-0.00053	0
0.0635	0.000231487	0	8.735E-16	1.09774E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00073	0
0.06355	0.000231692	0	8.735E-16	1.09787E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00045	0
0.0636	0.000231897	0	8.735E-16	1.09735E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000314	0

0.06365	0.000232102	0	8.735E-16	1.09759E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00071	0
0.0637	0.000232307	0	8.735E-16	1.09744E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00032	0
0.06375	0.000232512	0	8.735E-16	1.09789E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00015	0
0.0638	0.000232716	0	8.735E-16	1.09796E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00013	0
0.06385	0.000232921	0	8.735E-16	1.09817E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00082	0
0.0639	0.000233126	0	8.734E-16	1.09769E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00076	0
0.06395	0.000233331	0	8.734E-16	1.0983E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000109	0
0.064	0.000233536	0	8.734E-16	1.09819E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000175	0
0.06405	0.000233741	0	8.734E-16	1.09785E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00223	0
0.0641	0.000233946	0	8.734E-16	1.09827E-17	-8.7E-16	-1.1E-17	0.004098	0	0.001077	0
0.06415	0.000234151	0	8.734E-16	1.09846E-17	-8.7E-16	-1.1E-17	0.004098	0	2.54E-05	0
0.0642	0.000234356	0	8.734E-16	1.09841E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00191	0
0.06425	0.000234561	0	8.734E-16	1.09848E-17	-8.7E-16	-1.1E-17	0.004098	0	0.001419	0
0.0643	0.000234766	0	8.734E-16	1.09918E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00087	0
0.06435	0.000234971	0	8.734E-16	1.09968E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.0001	0
0.0644	0.000235175	0	8.734E-16	1.09925E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00125	0
0.06445	0.00023538	0	8.734E-16	1.09926E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.0002	0
0.0645	0.000235585	0	8.734E-16	1.0996E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000682	0
0.06455	0.00023579	0	8.733E-16	1.09966E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00159	0
0.0646	0.000235995	0	8.733E-16	1.0994E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000782	0
0.06465	0.0002362	0	8.733E-16	1.09953E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00132	0
0.0647	0.000236405	0	8.733E-16	1.0995E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.0009	0
0.06475	0.00023661	0	8.733E-16	1.09978E-17	-8.7E-16	-1.1E-17	0.004098	0	0.001555	0
0.0648	0.000236815	0	8.733E-16	1.09964E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00135	0
0.06485	0.00023702	0	8.733E-16	1.09947E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00134	0
0.0649	0.000237224	0	8.733E-16	1.0996E-17	-8.7E-16	-1.1E-17	0.004098	0	0.000383	0
0.06495	0.000237429	0	8.73E-16	1.06602E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.03149	0
0.065	0.000237634	0	8.73E-16	1.06638E-17	-8.7E-16	-1.1E-17	0.004096	0	0.024398	0
0.06505	0.000237839	0	8.73E-16	1.0661E-17	-8.7E-16	-1.1E-17	0.004098	0	-0.00422	0
0.0651	0.000238044	0	8.73E-16	1.06628E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.01046	0
0.06515	0.000238249	0	8.73E-16	1.06625E-17	-8.7E-16	-1.1E-17	0.004097	0	0.010017	0
0.0652	0.000238454	0	8.73E-16	1.06644E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00357	0
0.06525	0.000238658	0	8.729E-16	1.06638E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00278	0



0.0653	0.000238863	0	8.729E-16	1.06633E-17	-8.7E-16	-1.1E-17	0.004097	0	0.002641	0
0.06535	0.000239068	0	8.729E-16	1.06658E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00119	0
0.0654	0.000239273	0	8.729E-16	1.06622E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00047	0
0.06545	0.000239478	0	8.729E-16	1.06646E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00029	0
0.0655	0.000239683	0	8.729E-16	1.0665E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.0007	0
0.06555	0.000239888	0	8.729E-16	1.06643E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00014	0
0.0656	0.000240092	0	8.729E-16	1.06661E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00052	0
0.06565	0.000240297	0	8.729E-16	1.06671E-17	-8.7E-16	-1.1E-17	0.004097	0	7.72E-05	0
0.0657	0.000240502	0	8.729E-16	1.06236E-17	-8.7E-16	-1.1E-17	0.004097	0	0.006171	0
0.06575	0.000240707	0	8.729E-16	1.06233E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00574	0
0.0658	0.000240912	0	8.729E-16	1.06238E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000596	0
0.06585	0.000241117	0	8.729E-16	1.06228E-17	-8.7E-16	-1.1E-17	0.004097	0	0.001226	0
0.0659	0.000241322	0	8.729E-16	1.0625E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.0017	0
0.06595	0.000241526	0	8.729E-16	1.06213E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00035	0
0.066	0.000241731	0	8.729E-16	1.06258E-17	-8.7E-16	-1.1E-17	0.004097	0	0.001184	0
0.06605	0.000241936	0	8.729E-16	1.06261E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00269	0
0.0661	0.000242141	0	8.729E-16	1.0626E-17	-8.7E-16	-1.1E-17	0.004097	0	0.001388	0
0.06615	0.000242346	0	8.729E-16	1.06224E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00179	0
0.0662	0.000242551	0	8.729E-16	1.06249E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000827	0
0.06625	0.000242756	0	8.729E-16	1.063E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.0003	0
0.0663	0.00024296	0	8.728E-16	1.06269E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.0016	0
0.06635	0.000243165	0	8.728E-16	1.06295E-17	-8.7E-16	-1.1E-17	0.004097	0	-8.1E-05	0
0.0664	0.00024337	0	8.728E-16	1.06267E-17	-8.7E-16	-1.1E-17	0.004097	0	0.001298	0
0.06645	0.000243575	0	8.728E-16	1.06255E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00214	0
0.0665	0.00024378	0	8.728E-16	1.06299E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00041	0
0.06655	0.000243985	0	8.728E-16	1.06313E-17	-8.7E-16	-1.1E-17	0.004097	0	0.001118	0
0.0666	0.000244189	0	8.728E-16	1.06305E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00152	0
0.06665	0.000244394	0	8.728E-16	1.06304E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00047	0
0.0667	0.000244599	0	8.728E-16	1.06321E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000247	0
0.06675	0.000244804	0	8.728E-16	1.06327E-17	-8.7E-16	-1.1E-17	0.004097	0	5.54E-05	0
0.0668	0.000245009	0	8.728E-16	1.06317E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00154	0
0.06685	0.000245214	0	8.728E-16	1.06318E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000433	0
0.0669	0.000245418	0	8.728E-16	1.06309E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00023	0

0.06695	0.000245623	0	8.727E-16	1.06323E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00099	0
0.067	0.000245828	0	8.727E-16	1.06332E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00024	0
0.06705	0.000246033	0	8.727E-16	1.06348E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00036	0
0.0671	0.000246238	0	8.727E-16	1.06326E-17	-8.7E-16	-1.1E-17	0.004097	0	-7.9E-05	0
0.06715	0.000246443	0	8.727E-16	1.06332E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00031	0
0.0672	0.000246647	0	8.727E-16	1.0636E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00078	0
0.06725	0.000246852	0	8.727E-16	1.06362E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00059	0
0.0673	0.000247057	0	8.727E-16	1.06334E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000185	0
0.06735	0.000247262	0	8.727E-16	1.06358E-17	-8.7E-16	-1.1E-17	0.004097	0	0.000217	0
0.0674	0.000247467	0	8.727E-16	1.06328E-17	-8.7E-16	-1.1E-17	0.004097	0	-0.00155	0
0.06745	0.000247672	0	8.727E-16	1.0636E-17	-8.7E-16	-1.1E-17	0.004096	0	2.68E-05	0
0.0675	0.000247876	0	8.727E-16	1.06292E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00064	0
0.06755	0.000248081	0	8.726E-16	1.06334E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000211	0
0.0676	0.000248286	0	8.726E-16	1.06323E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00067	0
0.06765	0.000248491	0	8.726E-16	1.06357E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00102	0
0.0677	0.000248696	0	8.726E-16	1.06325E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000815	0
0.06775	0.000248901	0	8.726E-16	1.0632E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00106	0
0.0678	0.000249105	0	8.726E-16	1.06348E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00079	0
0.06785	0.00024931	0	8.726E-16	1.06334E-17	-8.7E-16	-1.1E-17	0.004096	0	0.001306	0
0.0679	0.000249515	0	8.726E-16	1.06357E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00274	0
0.06795	0.00024972	0	8.726E-16	1.06344E-17	-8.7E-16	-1.1E-17	0.004096	0	0.001878	0
0.068	0.000249925	0	8.726E-16	1.06334E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00145	0
0.06805	0.000250129	0	8.726E-16	1.06339E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.0007	0
0.0681	0.000250334	0	8.725E-16	1.06822E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.0024	0
0.06815	0.000250539	0	8.725E-16	1.06771E-17	-8.7E-16	-1.1E-17	0.004096	0	0.00061	0
0.0682	0.000250744	0	8.725E-16	1.06794E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000412	0
0.06825	0.000250949	0	8.725E-16	1.06801E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00182	0
0.0683	0.000251153	0	8.725E-16	1.06819E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000602	0
0.06835	0.000251358	0	8.725E-16	1.0684E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.0004	0
0.0684	0.000251563	0	8.725E-16	1.06815E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00069	0
0.06845	0.000251768	0	8.725E-16	1.06828E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00106	0
0.0685	0.000251973	0	8.725E-16	1.0682E-17	-8.7E-16	-1.1E-17	0.004096	0	0.001243	0
0.06855	0.000252177	0	8.725E-16	1.06825E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00115	0

0.0686	0.000252382	0	8.725E-16	1.06872E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00088	0
0.06865	0.000252587	0	8.724E-16	1.06858E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000843	0
0.0687	0.000252792	0	8.724E-16	1.06865E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00138	0
0.06875	0.000252997	0	8.724E-16	1.0688E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00103	0
0.0688	0.000253201	0	8.724E-16	1.0682E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000575	0
0.06885	0.000253406	0	8.724E-16	1.06841E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000877	0
0.0689	0.000253611	0	8.724E-16	1.0686E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00247	0
0.06895	0.000253816	0	8.724E-16	1.06862E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000833	0
0.069	0.000254021	0	8.724E-16	1.06918E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00078	0
0.06905	0.000254225	0	8.724E-16	1.06869E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00027	0
0.0691	0.00025443	0	8.724E-16	1.06871E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00075	0
0.06915	0.000254635	0	8.724E-16	1.06897E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00013	0
0.0692	0.00025484	0	8.724E-16	1.06881E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000342	0
0.06925	0.000255045	0	8.724E-16	1.06896E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00136	0
0.0693	0.000255249	0	8.723E-16	1.06896E-17	-8.7E-16	-1.1E-17	0.004096	0	-1.8E-05	0
0.06935	0.000255454	0	8.723E-16	1.06891E-17	-8.7E-16	-1.1E-17	0.004096	0	3.88E-05	0
0.0694	0.000255659	0	8.723E-16	1.06919E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00049	0
0.06945	0.000255864	0	8.723E-16	1.06875E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00097	0
0.0695	0.000256069	0	8.723E-16	1.06928E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000548	0
0.06955	0.000256273	0	8.723E-16	1.06881E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00172	0
0.0696	0.000256478	0	8.723E-16	1.069E-17	-8.7E-16	-1.1E-17	0.004096	0	0.000889	0
0.06965	0.000256683	0	8.723E-16	1.06875E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00021	0
0.0697	0.000256888	0	8.723E-16	1.06936E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00133	0
0.06975	0.000257092	0	8.723E-16	1.06895E-17	-8.7E-16	-1.1E-17	0.004096	0	0.00024	0
0.0698	0.000257297	0	8.723E-16	1.06916E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00034	0
0.06985	0.000257502	0	8.723E-16	1.06936E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00055	0
0.0699	0.000257707	0	8.722E-16	1.06933E-17	-8.7E-16	-1.1E-17	0.004096	0	-0.00111	0
0.06995	0.000257912	0	8.722E-16	1.06921E-05	-8.7E-16	0	0.004095	0	0.000112	0
0.07	0.000258116	0	8.722E-16	1.06946E-17	-8.7E-16	-1.1E-17	0.004095	0	-0.00124	0
0.07005	0.000258321	0	8.722E-16	1.06917E-17	-8.7E-16	-1.1E-17	0.004095	0	-0.00059	0
0.0701	0.000258526	0	8.722E-16	1.06904E-17	-8.7E-16	-1.1E-17	0.004095	0	0.000506	0
0.07015	0.000258731	0	8.722E-16	1.06919E-05	-8.7E-16	0	0.004095	0	-0.00018	0
0.0702	0.000258935	0	8.722E-16	1.06901E-05	-8.7E-16	0	0.004095	0	-0.00116	0

0.07025	0.00025914	0	8.164E-16	-0.00027852	-8.7E-16	0	0.004095	0	-5.9916	0
0.0703	0.00025933	0	8.164E-16	-0.00027852	-7.5E-16	0	0.003796	0	4.203408	0
0.07035	0.00025953	0	8.163E-16	-0.00027852	-8.3E-16	0	0.004006	0	0.150689	0
0.0704	0.000259731	0	8.163E-16	-0.00027852	-8.4E-16	0	0.004014	0	-2.2136	0
0.07045	0.000259926	0	8.163E-16	-0.00027852	-7.9E-16	0	0.003903	0	1.492027	0
0.0705	0.000260125	0	8.163E-16	-0.00027852	-8.2E-16	0	0.003977	0	0.064266	0
0.07055	0.000260324	0	8.163E-16	-0.00027852	-8.2E-16	0	0.003981	0	-0.79294	0
0.0706	0.000260521	0	8.163E-16	-0.00027852	-8.1E-16	0	0.003941	0	0.529589	0
0.07065	0.000260719	0	6.576E-16	-0.00044522	-8.2E-16	0	0.003967	0	-17.002	0
0.0707	0.000260875	0	6.576E-16	-0.00044522	-5.1E-16	0	0.003117	0	7.836918	0
0.07075	0.000261051	0	6.576E-16	-0.00044522	-6.4E-16	0	0.003509	0	5.767821	0
0.0708	0.000261241	0	6.576E-16	-0.00044522	-7.5E-16	0	0.003798	0	-7.02419	0
0.07085	0.000261413	0	6.576E-16	-0.00044522	-6.2E-16	0	0.003446	0	0.774037	0
0.0709	0.000261587	0	6.576E-16	-0.00044522	-6.3E-16	0	0.003485	0	3.175649	0
0.07095	0.000261769	0	6.576E-16	-0.00044522	-6.9E-16	0	0.003644	0	-1.93879	0
0.071	0.000261947	0	6.576E-16	-0.00044522	-6.5E-16	0	0.003547	0	-0.60787	0
0.07105	0.000262123	0	6.576E-16	-0.00044522	-6.4E-16	0	0.003517	0	1.25519	0
0.0711	0.000262302	0	6.576E-16	-0.00044522	-6.7E-16	0	0.003579	0	-0.29914	0
0.07115	0.00026248	0	6.576E-16	-0.00044523	-6.6E-16	0	0.003564	0	-0.4799	0
0.0712	0.000262657	0	6.576E-16	-0.00044522	-6.5E-16	0	0.00354	0	0.379631	0
0.07125	0.000262835	0	6.576E-16	-0.00044522	-6.6E-16	0	0.003559	0	0.056813	0
0.0713	0.000263013	0	6.576E-16	-0.00044522	-6.6E-16	0	0.003562	0	-0.21785	0
0.07135	0.00026319	0	6.576E-16	-0.00044523	-6.6E-16	0	0.003551	0	0.076777	0
0.0714	0.000263368	0	6.576E-16	-0.00044523	-6.6E-16	0	0.003555	0	0.071778	0
0.07145	0.000263546	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003559	0	-0.07536	0
0.0715	0.000263724	0	6.576E-16	-0.00044523	-6.6E-16	0	0.003555	0	0.000885	0
0.07155	0.000263902	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003555	0	0.036543	0
0.0716	0.000264079	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003557	0	-0.01901	0
0.07165	0.000264257	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003556	0	-0.00937	0
0.0717	0.000264435	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003555	0	0.013636	0
0.07175	0.000264613	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003556	0	-0.0032	0
0.0718	0.000264791	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003556	0	-0.00501	0
0.07185	0.000264968	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003556	0	0.003029	0

0.0719	0.000265146	0	6.575E-16	-0.00044523	-6.6E-16	0	0.003556	0	0.000815	0
0.07195	0.000265324	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.00214	0
0.072	0.000265502	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	0.000609	0
0.07205	0.00026568	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.00068	0
0.0721	0.000265857	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.00021	0
0.07215	0.000266035	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	0.000247	0
0.0722	0.000266213	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.00104	0
0.07225	0.000266391	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.0003	0
0.0723	0.000266568	0	6.575E-16	-0.00044524	-6.6E-16	0	0.003556	0	-0.00069	0
0.07235	0.000266746	0	6.575E-16	-0.00044525	-6.6E-16	0	0.003556	0	0.000365	0
0.0724	0.000266924	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.00097	0
0.07245	0.000267102	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.00081	0
0.0725	0.00026728	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	0.000176	0
0.07255	0.000267457	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.00051	0
0.0726	0.000267635	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	0.000439	0
0.07265	0.000267813	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.00079	0
0.0727	0.000267991	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.001	0
0.07275	0.000268169	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	0.001195	0
0.0728	0.000268346	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003556	0	-0.00069	0
0.07285	0.000268524	0	6.574E-16	-0.00044526	-6.6E-16	0	0.003556	0	-0.00139	0
0.0729	0.000268702	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003555	0	0.000364	0
0.07295	0.00026888	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003555	0	0.000141	0
0.073	0.000269057	0	6.574E-16	-0.00044525	-6.6E-16	0	0.003555	0	-0.00145	0
0.07305	0.000269235	0	6.563E-16	-0.00044555	-6.6E-16	0	0.003555	0	-0.11982	0
0.0731	0.000269413	0	6.563E-16	-0.00044555	-6.6E-16	0	0.003549	0	0.058671	0
0.07315	0.00026959	0	6.562E-16	-0.00044555	-6.6E-16	0	0.003552	0	0.030477	0
0.0732	0.000269768	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003554	0	-0.04401	0
0.07325	0.000269946	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	0.004677	0
0.0733	0.000270123	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	0.019392	0
0.07335	0.000270301	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003553	0	-0.01205	0
0.0734	0.000270478	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	-0.00434	0
0.07345	0.000270656	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	0.007023	0
0.0735	0.000270834	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	-0.00144	0

0.07355	0.000271011	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	-0.00296	0
0.0736	0.000271189	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	0.000539	0
0.07365	0.000271366	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	0.001457	0
0.0737	0.000271544	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00113	0
0.07375	0.000271722	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00109	0
0.0738	0.000271899	0	6.562E-16	-0.00044556	-6.6E-16	0	0.003552	0	-0.00064	0
0.07385	0.000272077	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.00118	0
0.0739	0.000272255	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.0009	0
0.07395	0.000272432	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00065	0
0.074	0.00027261	0	6.562E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.000106	0
0.07405	0.000272787	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00051	0
0.0741	0.000272965	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00043	0
0.07415	0.000273143	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00012	0
0.0742	0.00027332	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-6.7E-05	0
0.07425	0.000273498	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.000266	0
0.0743	0.000273675	0	6.561E-16	-0.00044558	-6.6E-16	0	0.003552	0	-0.00169	0
0.07435	0.000273853	0	6.561E-16	-0.00044558	-6.6E-16	0	0.003552	0	0.000652	0
0.0744	0.000274031	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00065	0
0.07445	0.000274208	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00029	0
0.0745	0.000274386	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.000252	0
0.07455	0.000274563	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	-0.00157	0
0.0746	0.000274741	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.000282	0
0.07465	0.000274919	0	6.561E-16	-0.00044557	-6.6E-16	0	0.003552	0	0.001126	0
0.0747	0.000275096	0	6.561E-16	-0.00044558	-6.6E-16	0	0.003552	0	-0.0019	0
0.07475	0.000275274	0	6.561E-16	-0.00044558	-6.6E-16	0	0.003552	0	0.000256	0
0.0748	0.000275451	0	7.873E-16	-0.00055391	-6.6E-16	0	0.003552	0	14.0815	0
0.07485	0.000275664	0	7.873E-16	-0.00055391	-9.4E-16	0	0.004256	0	-9.55165	0
0.0749	0.000275853	0	7.873E-16	-0.00055391	-7.4E-16	0	0.003778	0	0.040262	0
0.07495	0.000276042	0	7.873E-16	-0.00055392	-7.4E-16	0	0.00378	0	4.751206	0
0.075	0.000276243	0	7.873E-16	-0.00055392	-8.4E-16	0	0.004018	0	-3.23011	0
0.07505	0.000276436	0	7.873E-16	-0.00055392	-7.7E-16	0	0.003856	0	-0.12569	0
0.0751	0.000276628	0	7.873E-16	-0.00055392	-7.7E-16	0	0.00385	0	1.696625	0
0.07515	0.000276825	0	7.873E-16	-0.00055392	-8.1E-16	0	0.003935	0	-1.07782	0

0.0752	0.000277019	0	7.873E-16	-0.00055392	-7.8E-16	0	0.003881	0	-0.11511	0
0.07525	0.000277213	0	7.873E-16	-0.00055392	-7.8E-16	0	0.003875	0	0.614787	0
0.0753	0.000277408	0	7.873E-16	-0.00055392	-7.9E-16	0	0.003906	0	-0.35526	0
0.07535	0.000277603	0	7.873E-16	-0.00055392	-7.9E-16	0	0.003888	0	-0.06816	0
0.0754	0.000277797	0	7.873E-16	-0.00055392	-7.8E-16	0	0.003885	0	0.222855	0
0.07545	0.000277992	0	7.873E-16	-0.00055393	-7.9E-16	0	0.003896	0	-0.11603	0
0.0755	0.000278186	0	7.872E-16	-0.00055392	-7.9E-16	0	0.00389	0	-0.03372	0
0.07555	0.000278381	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003889	0	0.079916	0
0.0756	0.000278575	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003893	0	-0.03708	0
0.07565	0.00027877	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	-0.01523	0
0.0757	0.000278964	0	7.872E-16	-0.00055393	-7.9E-16	0	0.00389	0	0.026889	0
0.07575	0.000279159	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	-0.00934	0
0.0758	0.000279353	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	-0.0085	0
0.07585	0.000279548	0	7.872E-16	-0.00055394	-7.9E-16	0	0.00389	0	0.009497	0
0.0759	0.000279742	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	-0.00203	0
0.07595	0.000279937	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	-0.00376	0
0.076	0.000280132	0	7.872E-16	-0.00055393	-7.9E-16	0	0.003891	0	0.002173	0
0.07605	0.000280326	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000521	0
0.0761	0.000280521	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	-0.00175	0
0.07615	0.000280715	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000532	0
0.0762	0.00028091	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	-6.3E-05	0
0.07625	0.000281104	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	-0.00093	0
0.0763	0.000281299	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	-4.3E-05	0
0.07635	0.000281493	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	4.25E-05	0
0.0764	0.000281688	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	-0.00084	0
0.07645	0.000281882	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000471	0
0.0765	0.000282077	0	7.872E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000294	0
0.07655	0.000282271	0	7.871E-16	-0.00055394	-7.9E-16	0	0.003891	0	-0.00173	0
0.0766	0.000282466	0	7.871E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000421	0
0.07665	0.00028266	0	7.871E-16	-0.00055394	-7.9E-16	0	0.003891	0	0.000185	0
0.0767	0.000282855	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	-0.00134	0
0.07675	0.00028305	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	0.001182	0
0.0768	0.000283244	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	-0.00111	0

0.07685	0.000283439	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	-0.00051	0
0.0769	0.000283633	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	0.00097	0
0.07695	0.000283828	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	-0.00113	0
0.077	0.000284022	0	7.871E-16	-0.00055395	-7.9E-16	0	0.00389	0	-0.00036	0
0.07705	0.000284217	0	7.871E-16	-0.00055395	-7.9E-16	0	0.00389	0	0.000866	0
0.0771	0.000284411	0	7.871E-16	-0.00055395	-7.9E-16	0	0.003891	0	-0.00126	0
0.07715	0.000284606	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-3.6E-05	0
0.0772	0.0002848	0	7.871E-16	-0.00055395	-7.9E-16	0	0.00389	0	2.86E-05	0
0.07725	0.000284995	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.0003	0
0.0773	0.000285189	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.0011	0
0.07735	0.000285384	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	0.001266	0
0.0774	0.000285578	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.00097	0
0.07745	0.000285773	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.00093	0
0.0775	0.000285967	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	0.001081	0
0.07755	0.000286162	0	7.871E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.00113	0
0.0776	0.000286356	0	7.87E-16	-0.00055396	-7.9E-16	0	0.00389	0	-0.0004	0
0.07765	0.000286551	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	0.00067	0
0.0777	0.000286745	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	-0.00142	0
0.07775	0.00028694	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	0.001016	0
0.0778	0.000287134	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	-0.00065	0
0.07785	0.000287329	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	-0.00116	0
0.0779	0.000287524	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	0.001215	0
0.07795	0.000287718	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	-0.00041	0
0.078	0.000287913	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	-0.00108	0
0.07805	0.000288107	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	3.34E-05	0
0.0781	0.000288302	0	7.87E-16	-0.00055397	-7.9E-16	0	0.00389	0	0.000402	0
0.07815	0.000288496	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	-0.0005	0
0.0782	0.000288691	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	-0.00034	0
0.07825	0.000288885	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	0.000127	0
0.0783	0.00028908	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	-0.0007	0
0.07835	0.000289274	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	0.000118	0
0.0784	0.000289469	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	-0.001	0
0.07845	0.000289663	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	0.000912	0



0.0785	0.000289858	0	7.87E-16	-0.00055398	-7.9E-16	0	0.00389	0	-0.00095	0
0.07855	0.000290052	0	7.87E-16	-0.00055399	-7.9E-16	0	0.00389	0	-9.4E-05	0
0.0786	0.000290247	0	7.87E-16	-0.00055399	-7.9E-16	0	0.00389	0	-0.00039	0
0.07865	0.000290441	0	7.87E-16	-0.00055399	-7.9E-16	0	0.00389	0	0.000501	0
0.0787	0.000290636	0	7.87E-16	-0.00055399	-7.9E-16	0	0.00389	0	-0.00103	0
0.07875	0.00029083	0	7.869E-16	-0.00055399	-7.9E-16	0	0.00389	0	0.000266	0
0.0788	0.000291025	0	7.869E-16	-0.00055399	-7.9E-16	0	0.00389	0	-0.00074	0
0.07885	0.000291219	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	0.000259	0
0.0789	0.000291414	0	7.869E-16	-0.00055399	-7.9E-16	0	0.00389	0	2.78E-05	0
0.07895	0.000291608	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.00114	0
0.079	0.000291803	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	0.00076	0
0.07905	0.000291997	0	7.869E-16	-0.00055399	-7.9E-16	0	0.00389	0	-0.00091	0
0.0791	0.000292192	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-5.4E-05	0
0.07915	0.000292386	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.0002	0
0.0792	0.000292581	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.00024	0
0.07925	0.000292775	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.00043	0
0.0793	0.00029297	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.00027	0
0.07935	0.000293164	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	-0.00045	0
0.0794	0.000293359	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	0.000392	0
0.07945	0.000293553	0	7.869E-16	-0.000554	-7.9E-16	0	0.00389	0	0.000509	0
0.0795	0.000293748	0	7.869E-16	-0.00055401	-7.9E-16	0	0.00389	0	-0.00149	0
0.07955	0.000293942	0	7.872E-16	-0.0005544	-7.9E-16	0	0.00389	0	0.040171	0
0.0796	0.000294137	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003892	0	-0.02792	0
0.07965	0.000294331	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00125	0
0.0797	0.000294526	0	7.872E-16	-0.00055441	-7.9E-16	0	0.00389	0	0.014342	0
0.07975	0.00029472	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00895	0
0.0798	0.000294915	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00237	0
0.07985	0.000295109	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	0.005112	0
0.0799	0.000295304	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00233	0
0.07995	0.000295499	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00189	0
0.08	0.000295693	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	0.002153	0
0.08005	0.000295888	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00052	0
0.0801	0.000296082	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00192	0

0.08015	0.000296277	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	0.001648	0
0.0802	0.000296471	0	7.872E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00069	0
0.08025	0.000296666	0	7.872E-16	-0.00055441	-7.9E-16	0	0.003891	0	-0.00115	0
0.0803	0.00029686	0	7.872E-16	-0.00055442	-7.9E-16	0	0.003891	0	0.000588	0
0.08035	0.000297055	0	7.872E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00052	0
0.0804	0.000297249	0	7.872E-16	-0.00055442	-7.9E-16	0	0.003891	0	0.000323	0
0.08045	0.000297444	0	7.872E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00103	0
0.0805	0.000297638	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00243	0
0.08055	0.000297833	0	7.871E-16	-0.00055442	-7.9E-16	0	0.00389	0	0.001898	0
0.0806	0.000298027	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00072	0
0.08065	0.000298222	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00132	0
0.0807	0.000298417	0	7.871E-16	-0.00055442	-7.9E-16	0	0.00389	0	0.00118	0
0.08075	0.000298611	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-6.2E-05	0
0.0808	0.000298806	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00179	0
0.08085	0.000299	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	0.000881	0
0.0809	0.000299195	0	7.871E-16	-0.00055442	-7.9E-16	0	0.00389	0	0.000434	0
0.08095	0.000299389	0	7.871E-16	-0.00055442	-7.9E-16	0	0.003891	0	-0.00175	0
0.081	0.000299584	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	0.000692	0
0.08105	0.000299778	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00042	0
0.0811	0.000299973	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	0.000105	0
0.08115	0.000300167	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00088	0
0.0812	0.000300362	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00017	0
0.08125	0.000300556	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	0.000574	0
0.0813	0.000300751	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00068	0
0.08135	0.000300945	0	7.871E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00082	0
0.0814	0.00030114	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	0.000722	0
0.08145	0.000301334	0	7.87E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00116	0
0.0815	0.000301529	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	0.000594	0
0.08155	0.000301723	0	7.87E-16	-0.00055443	-7.9E-16	0	0.00389	0	-0.00101	0
0.0816	0.000301918	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	0.000656	0
0.08165	0.000302112	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	-0.00054	0
0.0817	0.000302307	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	-0.00077	0
0.08175	0.000302501	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	0.000199	0

0.0818	0.000302696	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	-0.00068	0
0.08185	0.00030289	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	8.77E-05	0
0.0819	0.000303085	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	-0.00035	0
0.08195	0.000303279	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	5.1E-05	0
0.082	0.000303474	0	7.87E-16	-0.00055444	-7.9E-16	0	0.00389	0	0.000106	0
0.08205	0.000303669	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	-0.00096	0
0.0821	0.000303863	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	0.000382	0
0.08215	0.000304058	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	-0.00016	0
0.0822	0.000304252	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	-0.00032	0
0.08225	0.000304447	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	-0.00108	0
0.0823	0.000304641	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	0.00027	0
0.08235	0.000304836	0	7.87E-16	-0.00055445	-7.9E-16	0	0.00389	0	0.000943	0
0.0824	0.00030503	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	-0.00266	0
0.08245	0.000305225	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.001495	0
0.0825	0.000305419	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	-0.00094	0
0.08255	0.000305614	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.000234	0
0.0826	0.000305808	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	-0.00072	0
0.08265	0.000306003	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.00011	0
0.0827	0.000306197	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	-0.00062	0
0.08275	0.000306392	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.000882	0
0.0828	0.000306586	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	-0.00133	0
0.08285	0.000306781	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.000292	0
0.0829	0.000306975	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00096	0
0.08295	0.00030717	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.000177	0
0.083	0.000307364	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	0.000813	0
0.08305	0.000307559	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00182	0
0.0831	0.000307753	0	7.869E-16	-0.00055446	-7.9E-16	0	0.00389	0	0.000314	0
0.08315	0.000307948	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	8.85E-06	0
0.0832	0.000308142	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00057	0
0.08325	0.000308337	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	0.000234	0
0.0833	0.000308531	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00062	0
0.08335	0.000308726	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00026	0
0.0834	0.00030892	0	7.869E-16	-0.00055448	-7.9E-16	0	0.00389	0	3E-05	0

0.08345	0.000309115	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00091	0
0.0835	0.000309309	0	7.869E-16	-0.00055447	-7.9E-16	0	0.00389	0	0.000927	0
0.08355	0.000309504	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00061	0
0.0836	0.000309698	0	7.868E-16	-0.00055447	-7.9E-16	0	0.00389	0	-0.00079	0
0.08365	0.000309893	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000203	0
0.0837	0.000310087	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000118	0
0.08375	0.000310282	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00134	0
0.0838	0.000310476	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000255	0
0.08385	0.00031067	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000133	0
0.0839	0.000310865	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	8.49E-05	0
0.08395	0.000311059	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00149	0
0.084	0.000311254	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000153	0
0.08405	0.000311448	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	0.000215	0
0.0841	0.000311643	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00086	0
0.08415	0.000311837	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	0.001268	0
0.0842	0.000312032	0	7.868E-16	-0.00055448	-7.9E-16	0	0.00389	0	-0.00141	0
0.08425	0.000312226	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00037	0
0.0843	0.000312421	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00046	0
0.08435	0.000312615	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	0.001329	0
0.0844	0.00031281	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00143	0
0.08445	0.000313004	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00047	0
0.0845	0.000313199	0	7.868E-16	-0.00055449	-7.9E-16	0	0.00389	0	0.000536	0
0.08455	0.000313393	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00152	0
0.0846	0.000313588	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	0.000934	0
0.08465	0.000313782	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00036	0
0.0847	0.000313977	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00089	0
0.08475	0.000314171	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	0.000466	0
0.0848	0.000314366	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00056	0
0.08485	0.00031456	0	7.867E-16	-0.00055449	-7.9E-16	0	0.00389	0	-0.00073	0
0.0849	0.000314755	0	7.867E-16	-0.0005545	-7.9E-16	0	0.00389	0	0.001309	0
0.08495	0.000314949	0	7.867E-16	-0.0005545	-7.9E-16	0	0.00389	0	-0.00142	0
0.085	0.000315144	0	7.867E-16	-0.0005545	-7.9E-16	0	0.00389	0	-3.6E-06	0
0.08505	0.000315338	0	7.867E-16	-0.0005545	-7.9E-16	0	0.00389	0	0.000414	0

0.0851	0.000315533	0	7.867E-16	-0.0005545	-7.9E-16	0	0.00389	0	-0.00083	0
0.08515	0.000315727	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	-0.00082	0
0.0852	0.000315921	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	0.00074	0
0.08525	0.000316116	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	-0.00085	0
0.0853	0.00031631	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	-0.00051	0
0.08535	0.000316505	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	0.000819	0
0.0854	0.000316699	0	7.867E-16	-0.0005545	-7.9E-16	0	0.003889	0	-0.00131	0
0.08545	0.000316894	0	7.867E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.0002	0
0.0855	0.000317088	0	7.867E-16	-0.00055451	-7.9E-16	0	0.003889	0	0.000295	0
0.08555	0.000317283	0	7.867E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.00017	0
0.0856	0.000317477	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.00144	0
0.08565	0.000317672	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	0.001066	0
0.0857	0.000317866	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.00088	0
0.08575	0.000318061	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	0.000134	0
0.0858	0.000318255	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	-0.00041	0
0.08585	0.00031845	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.00017	0
0.0859	0.000318644	0	7.866E-16	-0.00055451	-7.9E-16	0	0.003889	0	-0.0006	0
0.08595	0.000318839	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	0.000582	0
0.086	0.000319033	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	-0.00165	0
0.08605	0.000319227	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	0.001122	0
0.0861	0.000319422	0	7.866E-16	-0.00055453	-7.9E-16	0	0.003889	0	-0.00066	0
0.08615	0.000319616	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	-0.00096	0
0.0862	0.000319811	0	7.866E-16	-0.00055452	-7.9E-16	0	0.003889	0	0.000672	0
0.08625	0.000320005	0	7.866E-16	-0.00055453	-7.9E-16	0	0.003889	0	0.002569	0
0.0863	0.0003202	0	7.866E-16	-0.00055453	-7.9E-16	0	0.003889	0	-0.00267	0
0.08635	0.000320394	0	7.866E-16	-0.00055453	-7.9E-16	0	0.003889	0	0.000266	0
0.0864	0.000320589	0	7.866E-16	-0.00055453	-7.9E-16	0	0.003889	0	0.000928	0
0.08645	0.000320783	0	7.159E-16	-0.00049372	-7.9E-16	0	0.003889	0	-7.58426	0
0.0865	0.000320959	0	7.159E-16	-0.00049372	-6.4E-16	0	0.00351	0	4.279044	0
0.08655	0.000321145	0	7.159E-16	-0.00049372	-7.2E-16	0	0.003724	0	1.574254	0
0.0866	0.000321335	0	7.159E-16	-0.00049373	-7.5E-16	0	0.003803	0	-3.08368	0
0.08665	0.000321517	0	7.159E-16	-0.00049373	-6.9E-16	0	0.003649	0	0.996908	0
0.0867	0.000321702	0	7.159E-16	-0.00049372	-7.1E-16	0	0.003698	0	0.992811	0

0.08675	0.00032189	0	7.159E-16	-0.00049372	-7.3E-16	0	0.003748	0	-1.0719	0
0.0868	0.000322074	0	7.159E-16	-0.00049373	-7.1E-16	0	0.003694	0	0.120832	0
0.08685	0.000322259	0	7.159E-16	-0.00049373	-7.1E-16	0	0.0037	0	0.467379	0
0.0869	0.000322446	0	7.159E-16	-0.00049373	-7.2E-16	0	0.003724	0	-0.3281	0
0.08695	0.000322631	0	7.159E-16	-0.00049374	-7.1E-16	0	0.003707	0	-0.046	0
0.087	0.000322816	0	7.159E-16	-0.00049374	-7.1E-16	0	0.003705	0	0.189103	0
0.08705	0.000323002	0	7.159E-16	-0.00049374	-7.2E-16	0	0.003715	0	-0.08556	0
0.0871	0.000323188	0	7.159E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.04478	0
0.08715	0.000323373	0	7.159E-16	-0.00049374	-7.2E-16	0	0.003708	0	0.067135	0
0.0872	0.000323559	0	7.159E-16	-0.00049374	-7.2E-16	0	0.003711	0	-0.01537	0
0.08725	0.000323744	0	7.158E-16	-0.00049375	-7.2E-16	0	0.003711	0	-0.02639	0
0.0873	0.00032393	0	7.158E-16	-0.00049374	-7.2E-16	0	0.003709	0	0.022721	0
0.08735	0.000324115	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00047	0
0.0874	0.000324301	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.0113	0
0.08745	0.000324486	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.006216	0
0.0875	0.000324672	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.001906	0
0.08755	0.000324857	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00544	0
0.0876	0.000325043	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.001455	0
0.08765	0.000325228	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.00172	0
0.0877	0.000325414	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00159	0
0.08775	0.000325599	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00125	0
0.0878	0.000325785	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.00234	0
0.08785	0.00032597	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00144	0
0.0879	0.000326156	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.0012	0
0.08795	0.000326341	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.001764	0
0.088	0.000326527	0	7.158E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00175	0
0.08805	0.000326712	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	9.79E-05	0
0.0881	0.000326898	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00022	0
0.08815	0.000327083	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00023	0
0.0882	0.000327269	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00028	0
0.08825	0.000327454	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	0.000326	0
0.0883	0.00032764	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.0007	0
0.08835	0.000327825	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	0.000296	0

0.0884	0.000328011	0	7.158E-16	-0.00049376	-7.2E-16	0	0.00371	0	-9.7E-05	0
0.08845	0.000328196	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.001151	0
0.0885	0.000328382	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00157	0
0.08855	0.000328567	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	4.06E-05	0
0.0886	0.000328753	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.000826	0
0.08865	0.000328938	0	7.157E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00175	0
0.0887	0.000329124	0	7.158E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.000688	0
0.08875	0.000329309	0	7.157E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00038	0
0.0888	0.000329495	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00253	0
0.08885	0.00032968	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.002067	0
0.0889	0.000329866	0	7.157E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00015	0
0.08895	0.000330051	0	7.157E-16	-0.00049374	-7.2E-16	0	0.00371	0	-0.00186	0
0.089	0.000330237	0	7.157E-16	-0.00049374	-7.2E-16	0	0.00371	0	0.000701	0
0.08905	0.000330422	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00102	0
0.0891	0.000330608	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.000598	0
0.08915	0.000330793	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.000164	0
0.0892	0.000330979	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00212	0
0.08925	0.000331164	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.001461	0
0.0893	0.00033135	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.000166	0
0.08935	0.000331535	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00179	0
0.0894	0.000331721	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	0.001029	0
0.08945	0.000331906	0	7.157E-16	-0.00049375	-7.2E-16	0	0.00371	0	-0.00025	0
0.0895	0.000332092	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00122	0
0.08955	0.000332277	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	0.000339	0
0.0896	0.000332462	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00027	0
0.08965	0.000332648	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00017	0
0.0897	0.000332833	0	7.157E-16	-0.00049376	-7.2E-16	0	0.00371	0	0.000303	0
0.08975	0.000333019	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00179	0
0.0898	0.000333204	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	0.001601	0
0.08985	0.00033339	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00069	0
0.0899	0.000333575	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00085	0
0.08995	0.000333761	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00054	0
0.09	0.000333946	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	0.000688	0

0.09005	0.000334132	0	7.156E-16	-0.00049376	-7.2E-16	0	0.00371	0	-0.00104	0
0.0901	0.000334317	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	0.000397	0
0.09015	0.000334503	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	0.000494	0
0.0902	0.000334688	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	-0.00169	0
0.09025	0.000334874	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	0.000528	0
0.0903	0.000335059	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	-0.00017	0
0.09035	0.000335245	0	7.156E-16	-0.00049377	-7.2E-16	0	0.00371	0	-0.00069	0
0.0904	0.00033543	0	7.156E-16	-0.00049378	-7.2E-16	0	0.00371	0	-0.00054	0
0.09045	0.000335616	0	7.156E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.00107	0
0.0905	0.000335801	0	7.156E-16	-0.00049378	-7.2E-16	0	0.00371	0	-0.00137	0
0.09055	0.000335987	0	7.156E-16	-0.00049378	-7.2E-16	0	0.003709	0	8.34E-05	0
0.0906	0.000336172	0	7.156E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.00039	0
0.09065	0.000336358	0	7.156E-16	-0.00049378	-7.2E-16	0	0.00371	0	-0.00112	0
0.0907	0.000336543	0	7.156E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.000581	0
0.09075	0.000336729	0	7.156E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00064	0
0.0908	0.000336914	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00054	0
0.09085	0.000337099	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.000448	0
0.0909	0.000337285	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00048	0
0.09095	0.00033747	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00056	0
0.091	0.000337656	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00063	0
0.09105	0.000337841	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.000425	0
0.0911	0.000338027	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00055	0
0.09115	0.000338212	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.000429	0
0.0912	0.000338398	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	-0.00113	0
0.09125	0.000338583	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	2.55E-05	0
0.0913	0.000338769	0	7.155E-16	-0.00049378	-7.2E-16	0	0.003709	0	0.000699	0
0.09135	0.000338954	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00059	0
0.0914	0.00033914	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00132	0
0.09145	0.000339325	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	0.000997	0
0.0915	0.000339511	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00071	0
0.09155	0.000339696	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.0007	0
0.0916	0.000339881	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	0.000541	0
0.09165	0.000340067	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00012	0



0.0917	0.000340252	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00107	0
0.09175	0.000340438	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00043	0
0.0918	0.000340623	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	0.000335	0
0.09185	0.000340809	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	0.00086	0
0.0919	0.000340994	0	7.155E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00166	0
0.09195	0.00034118	0	7.154E-16	-0.00049379	-7.2E-16	0	0.003709	0	-0.00086	0
0.092	0.000341365	0	7.154E-16	-0.0004938	-7.2E-16	0	0.003709	0	0.001535	0
0.09205	0.000341551	0	7.154E-16	-0.0004938	-7.2E-16	0	0.003709	0	-0.0007	0
0.0921	0.000341736	0	7.162E-16	-0.00049384	-7.2E-16	0	0.003709	0	0.076165	0
0.09215	0.000341922	0	7.161E-16	-0.00049384	-7.2E-16	0	0.003713	0	-0.04402	0
0.0922	0.000342107	0	7.161E-16	-0.00049385	-7.2E-16	0	0.003711	0	-0.01306	0
0.09225	0.000342293	0	7.161E-16	-0.00049384	-7.2E-16	0	0.00371	0	0.028023	0
0.0923	0.000342478	0	7.161E-16	-0.00049385	-7.2E-16	0	0.003712	0	-0.00928	0
0.09235	0.000342664	0	7.161E-16	-0.00049385	-7.2E-16	0	0.003711	0	-0.00823	0
0.0924	0.000342849	0	7.161E-16	-0.00049385	-7.2E-16	0	0.003711	0	0.008792	0
0.09245	0.000343035	0	7.161E-16	-0.00049386	-7.2E-16	0	0.003711	0	-0.00189	0
0.0925	0.000343221	0	7.161E-16	-0.00049387	-7.2E-16	0	0.003711	0	-0.00366	0
0.09255	0.000343406	0	7.161E-16	-0.00049388	-7.2E-16	0	0.003711	0	0.003197	0
0.0926	0.000343592	0	7.161E-16	-0.00049388	-7.2E-16	0	0.003711	0	-0.00166	0
0.09265	0.000343777	0	7.161E-16	-0.00049388	-7.2E-16	0	0.003711	0	0.000213	0
0.0927	0.000343963	0	7.161E-16	-0.00049388	-7.2E-16	0	0.003711	0	-0.00148	0
0.09275	0.000344148	0	7.161E-16	-0.00049389	-7.2E-16	0	0.003711	0	0.001123	0
0.0928	0.000344334	0	7.161E-16	-0.00049389	-7.2E-16	0	0.003711	0	0.00048	0
0.09285	0.000344519	0	7.161E-16	-0.00049389	-7.2E-16	0	0.003711	0	-0.00188	0
0.0929	0.000344705	0	7.173E-16	-0.00049331	-7.2E-16	0	0.003711	0	0.128604	0
0.09295	0.000344891	0	7.173E-16	-0.00049331	-7.2E-16	0	0.003717	0	-0.0731	0
0.093	0.000345076	0	7.173E-16	-0.00049331	-7.2E-16	0	0.003714	0	-0.023	0
0.09305	0.000345262	0	7.173E-16	-0.00049332	-7.2E-16	0	0.003712	0	0.04846	0
0.0931	0.000345448	0	7.173E-16	-0.00049331	-7.2E-16	0	0.003715	0	-0.01671	0
0.09315	0.000345633	0	7.173E-16	-0.00049331	-7.2E-16	0	0.003714	0	-0.01413	0
0.0932	0.000345819	0	7.173E-16	-0.00049332	-7.2E-16	0	0.003713	0	0.01606	0
0.09325	0.000346005	0	7.171E-16	-0.00049348	-7.2E-16	0	0.003714	0	-0.0139	0
0.0933	0.000346191	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003713	0	-8.8E-05	0

0.09335	0.000346376	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003713	0	0.006479	0
0.0934	0.000346562	0	7.171E-16	-0.00049348	-7.2E-16	0	0.003714	0	-0.00428	0
0.09345	0.000346748	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003714	0	-0.00149	0
0.0935	0.000346933	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003713	0	0.003037	0
0.09355	0.000347119	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003714	0	-0.00059	0
0.0936	0.000347305	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003714	0	-0.00217	0
0.09365	0.00034749	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003713	0	0.001093	0
0.0937	0.000347676	0	7.171E-16	-0.00049349	-7.2E-16	0	0.003714	0	0.0003	0
0.09375	0.000347862	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003714	0	-0.00148	0
0.0938	0.000348047	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	0.000168	0
0.09385	0.000348233	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	0.000588	0
0.0939	0.000348419	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00079	0
0.09395	0.000348604	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00092	0
0.094	0.00034879	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	0.000231	0
0.09405	0.000348976	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00071	0
0.0941	0.000349161	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	0.000945	0
0.09415	0.000349347	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00157	0
0.0942	0.000349533	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	0.000156	0
0.09425	0.000349718	0	7.171E-16	-0.00049351	-7.2E-16	0	0.003713	0	0.00055	0
0.0943	0.000349904	0	7.171E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00025	0
0.09435	0.00035009	0	7.171E-16	-0.00049351	-7.2E-16	0	0.003713	0	-0.00152	0
0.0944	0.000350275	0	7.171E-16	-0.00049351	-7.2E-16	0	0.003713	0	0.000773	0
0.09445	0.000350461	0	7.17E-16	-0.0004935	-7.2E-16	0	0.003713	0	-0.00031	0
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0.09455	0.000350832	0	7.17E-16	-0.00049351	-7.2E-16	0	0.003713	0	0.00084	0
0.0946	0.000351018	0	7.17E-16	-0.00049351	-7.2E-16	0	0.003713	0	-0.00137	0
0.09465	0.000351204	0	7.17E-16	-0.00049351	-7.2E-16	0	0.003713	0	-0.00046	0
0.0947	0.000351389	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	0.000456	0
0.09475	0.000351575	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	0.000186	0
0.0948	0.000351761	0	7.17E-16	-0.00049351	-7.2E-16	0	0.003713	0	-0.00175	0
0.09485	0.000351946	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	0.001039	0
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0.09495	0.000352318	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	-0.00061	0

0.095	0.000352503	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	-0.00095	0
0.09505	0.000352689	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	0.001286	0
0.0951	0.000352875	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	-0.00115	0
0.09515	0.00035306	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	-0.00052	0
0.0952	0.000353246	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	0.000513	0
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0.0954	0.000353989	0	7.17E-16	-0.00049352	-7.2E-16	0	0.003713	0	-0.00176	0
0.09545	0.000354174	0	7.17E-16	-0.00049353	-7.2E-16	0	0.003713	0	-0.00014	0
0.0955	0.00035436	0	7.169E-16	-0.00049353	-7.2E-16	0	0.003713	0	-0.00111	0
0.09555	0.000354545	0	7.169E-16	-0.00049353	-7.2E-16	0	0.003713	0	0.000795	0
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0.0957	0.000355102	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	0.000751	0
0.09575	0.000355288	0	7.169E-16	-0.00049353	-7.2E-16	0	0.003713	0	-8.6E-05	0
0.0958	0.000355474	0	7.169E-16	-0.00049353	-7.2E-16	0	0.003713	0	-0.00081	0
0.09585	0.000355659	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.00015	0
0.0959	0.000355845	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	0.000302	0
0.09595	0.000356031	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.00119	0
0.096	0.000356216	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	0.000619	0
0.09605	0.000356402	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-2.7E-05	0
0.0961	0.000356588	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.00189	0
0.09615	0.000356773	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	0.002091	0
0.0962	0.000356959	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.00128	0
0.09625	0.000357145	0	7.169E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00106	0
0.0963	0.00035733	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.00035	0
0.09635	0.000357516	0	7.169E-16	-0.00049354	-7.2E-16	0	0.003713	0	0.001154	0
0.0964	0.000357701	0	7.169E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00025	0
0.09645	0.000357887	0	7.169E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00142	0
0.0965	0.000358073	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-3.6E-05	0
0.09655	0.000358258	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000711	0
0.0966	0.000358444	0	7.168E-16	-0.00049354	-7.2E-16	0	0.003713	0	-0.0009	0

0.09665	0.00035863	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00055	0
0.0967	0.000358815	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000602	0
0.09675	0.000359001	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00029	0
0.0968	0.000359187	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00149	0
0.09685	0.000359372	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.001083	0
0.0969	0.000359558	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00019	0
0.09695	0.000359743	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00124	0
0.097	0.000359929	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000148	0
0.09705	0.000360115	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000511	0
0.0971	0.0003603	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.0015	0
0.09715	0.000360486	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000584	0
0.0972	0.000360672	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00116	0
0.09725	0.000360857	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	0.000988	0
0.0973	0.000361043	0	7.168E-16	-0.00049355	-7.2E-16	0	0.003713	0	-0.00037	0
0.09735	0.000361229	0	7.168E-16	-0.00049356	-7.2E-16	0	0.003713	0	-0.00134	0
0.0974	0.000361414	0	7.168E-16	-0.00049356	-7.2E-16	0	0.003713	0	0.001052	0
0.09745	0.0003616	0	7.168E-16	-0.00049356	-7.2E-16	0	0.003713	0	-0.00146	0
0.0975	0.000361785	0	7.168E-16	-0.00049356	-7.2E-16	0	0.003713	0	0.000576	0
0.09755	0.000361971	0	7.168E-16	-0.00049356	-7.2E-16	0	0.003713	0	0.000646	0
0.0976	0.000362157	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003713	0	-0.00206	0
0.09765	0.000362342	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003712	0	0.000599	0
0.0977	0.000362528	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003713	0	0.000635	0
0.09775	0.000362714	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003713	0	-0.00195	0
0.0978	0.000362899	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003712	0	0.000205	0
0.09785	0.000363085	0	7.167E-16	-0.00049356	-7.2E-16	0	0.003712	0	0.000736	0
0.0979	0.00036327	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003713	0	-0.00165	0
0.09795	0.000363456	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	0.001026	0
0.098	0.000363642	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00082	0
0.09805	0.000363827	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00043	0
0.0981	0.000364013	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	8.12E-05	0
0.09815	0.000364199	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00058	0
0.0982	0.000364384	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00048	0
0.09825	0.00036457	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	0.001287	0

0.0983	0.000364755	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00197	0
0.09835	0.000364941	0	7.167E-16	-0.00049358	-7.2E-16	0	0.003712	0	-9.8E-05	0
0.0984	0.000365127	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	0.001029	0
0.09845	0.000365312	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00114	0
0.0985	0.000365498	0	7.167E-16	-0.00049357	-7.2E-16	0	0.003712	0	-0.00012	0
0.09855	0.000365683	0	7.167E-16	-0.00049358	-7.2E-16	0	0.003712	0	3.26E-06	0
0.0986	0.000365869	0	7.167E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.00062	0
0.09865	0.000366055	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	0.000147	0
0.0987	0.00036624	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.00037	0
0.09875	0.000366426	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.00025	0
0.0988	0.000366612	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.00021	0
0.09885	0.000366797	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.00028	0
0.0989	0.000366983	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.00055	0
0.09895	0.000367168	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	0.000942	0
0.099	0.000367354	0	7.166E-16	-0.00049358	-7.2E-16	0	0.003712	0	-0.0017	0
0.09905	0.00036754	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	1.32E-05	0
0.0991	0.000367725	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	0.000814	0
0.09915	0.000367911	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.0014	0
0.0992	0.000368096	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	9.47E-05	0
0.09925	0.000368282	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	0.000388	0
0.0993	0.000368468	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.00126	0
0.09935	0.000368653	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	0.001019	0
0.0994	0.000368839	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.00074	0
0.09945	0.000369024	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.00153	0
0.0995	0.00036921	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	0.002001	0
0.09955	0.000369396	0	7.166E-16	-0.00049359	-7.2E-16	0	0.003712	0	-0.00141	0
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0.09965	0.000369767	0	7.166E-16	-0.0004936	-7.2E-16	0	0.003712	0	0.000129	0
0.0997	0.000369952	0	7.166E-16	-0.0004936	-7.2E-16	0	0.003712	0	-0.00021	0
0.09975	0.000370138	0	7.166E-16	-0.0004936	-7.2E-16	0	0.003712	0	-0.0005	0
0.0998	0.000370324	0	7.528E-16	-0.00042489	-7.2E-16	0	0.003712	0	3.886247	0
0.09985	0.000370519	0	7.528E-16	-0.00042489	-7.9E-16	0	0.003906	0	-2.42936	0
0.0999	0.000370708	0	7.528E-16	-0.00042489	-7.4E-16	0	0.003785	0	-0.37572	0

0.09995	0.000370897	0	7.528E-16	-0.00042489	-7.4E-16	0	0.003766	0	1.44158	0
0.1	0.000371088	0	7.527E-16	-0.00042488	-7.7E-16	0	0.003838	0	-0.70866	0
0.10005	0.000371279	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003803	0	-0.2734	0
0.1001	0.000371468	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003789	0	0.522667	0
0.10015	0.000371659	0	7.527E-16	-0.00042488	-7.6E-16	0	0.003815	0	-0.1885	0
0.1002	0.000371849	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003806	0	-0.14454	0
0.10025	0.000372039	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003799	0	0.183526	0
0.1003	0.000372229	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003808	0	-0.04246	0
0.10035	0.00037242	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003806	0	-0.06614	0
0.1004	0.00037261	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003802	0	0.061832	0
0.10045	0.0003728	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003805	0	-0.00638	0
0.1005	0.00037299	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003805	0	-0.02772	0
0.10055	0.000373181	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.02014	0
0.1006	0.000373371	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003805	0	0.000341	0
0.10065	0.000373561	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003805	0	-0.01028	0
0.1007	0.000373751	0	7.527E-16	-0.00042487	-7.5E-16	0	0.003804	0	0.004478	0
0.10075	0.000373941	0	7.527E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.001937	0
0.1008	0.000374132	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003805	0	-0.00377	0
0.10085	0.000374322	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000254	0
0.1009	0.000374512	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000575	0
0.10095	0.000374702	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00117	0
0.101	0.000374893	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000988	0
0.10105	0.000375083	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00148	0
0.1011	0.000375273	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	6.32E-05	0
0.10115	0.000375463	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00025	0
0.1012	0.000375653	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00044	0
0.10125	0.000375844	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00056	0
0.1013	0.000376034	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000209	0
0.10135	0.000376224	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00077	0
0.1014	0.000376414	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	0.00032	0
0.10145	0.000376604	0	7.526E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00122	0
0.1015	0.000376795	0	7.526E-16	-0.00042487	-7.5E-16	0	0.003804	0	4.18E-05	0
0.10155	0.000376985	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00044	0

0.1016	0.000377175	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00025	0
0.10165	0.000377365	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00066	0
0.1017	0.000377555	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	0.00256	0
0.10175	0.000377746	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00286	0
0.1018	0.000377936	0	7.525E-16	-0.00042486	-7.5E-16	0	0.003804	0	0.000169	0
0.10185	0.000378126	0	7.525E-16	-0.00042486	-7.5E-16	0	0.003804	0	0.001321	0
0.1019	0.000378316	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00174	0
0.10195	0.000378506	0	7.525E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00172	0
0.102	0.000378697	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00013	0
0.10205	0.000378887	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000666	0
0.1021	0.000379077	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00129	0
0.10215	0.000379267	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00031	0
0.1022	0.000379457	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000685	0
0.10225	0.000379648	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00134	0
0.1023	0.000379838	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00022	0
0.10235	0.000380028	0	7.525E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.001345	0
0.1024	0.000380218	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00228	0
0.10245	0.000380408	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00046	0
0.1025	0.000380599	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000896	0
0.10255	0.000380789	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00107	0
0.1026	0.000380979	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.0003	0
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0.1027	0.000381359	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00087	0
0.10275	0.00038155	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	7E-05	0
0.1028	0.00038174	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00066	0
0.10285	0.00038193	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00077	0
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0.10295	0.00038231	0	7.524E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00162	0
0.103	0.0003825	0	7.524E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.00036	0
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0.1031	0.000382881	0	7.523E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00122	0
0.10315	0.000383071	0	7.523E-16	-0.00042488	-7.5E-16	0	0.003804	0	0.000509	0
0.1032	0.000383261	0	7.524E-16	-0.00042487	-7.5E-16	0	0.003804	0	0.000687	0

0.10325	0.000383451	0	7.523E-16	-0.00042488	-7.5E-16	0	0.003804	0	-0.00199	0
0.1033	0.000383642	0	7.523E-16	-0.00042488	-7.5E-16	0	0.003804	0	-6.6E-05	0
0.10335	0.000383832	0	7.523E-16	-0.00042487	-7.5E-16	0	0.003804	0	0.000198	0
0.1034	0.000384022	0	7.523E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00035	0
0.10345	0.000384212	0	7.523E-16	-0.00042487	-7.5E-16	0	0.003804	0	-0.00126	0
0.1035	0.000384402	0	7.524E-16	-0.00042339	-7.5E-16	0	0.003803	0	0.012789	0
0.10355	0.000384592	0	7.524E-16	-0.00042339	-7.5E-16	0	0.003804	0	-0.00801	0
0.1036	0.000384783	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	0.013365	0
0.10365	0.000384973	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00548	0
0.1037	0.000385163	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00444	0
0.10375	0.000385353	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	0.005608	0
0.1038	0.000385544	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00203	0
0.10385	0.000385734	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00201	0
0.1039	0.000385924	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	0.001416	0
0.10395	0.000386114	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00147	0
0.104	0.000386304	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-3.3E-05	0
0.10405	0.000386495	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00038	0
0.1041	0.000386685	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00066	0
0.10415	0.000386875	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	0.000353	0
0.1042	0.000387065	0	7.525E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.00038	0
0.10425	0.000387255	0	7.524E-16	-0.00042375	-7.5E-16	0	0.003804	0	-0.0016	0
0.1043	0.000387445	0	7.525E-16	-0.00042374	-7.5E-16	0	0.003804	0	0.00148	0
0.10435	0.000387636	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00165	0
0.1044	0.000387826	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00112	0
0.10445	0.000388016	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	0.00256	0
0.1045	0.000388206	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00271	0
0.10455	0.000388396	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	0.000998	0
0.1046	0.000388587	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00081	0
0.10465	0.000388777	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00062	0
0.1047	0.000388967	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00047	0
0.10475	0.000389157	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	0.00052	0
0.1048	0.000389347	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.0008	0
0.10485	0.000389538	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00016	0



0.1049	0.000389728	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00108	0
0.10495	0.000389918	0	7.524E-16	-0.00042374	-7.5E-16	0	0.003804	0	-0.00018	0
0.105	0.000390108	0	7.524E-16	-0.00042373	-7.5E-16	0	0.003804	0	0.001163	0
0.10505	0.000390298	0	7.524E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00132	0
0.1051	0.000390488	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00062	0
0.10515	0.000390679	0	7.523E-16	-0.00042374	-7.5E-16	0	0.003804	0	0.000517	0
0.1052	0.000390869	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00124	0
0.10525	0.000391059	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00073	0
0.1053	0.000391249	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	0.001173	0
0.10535	0.000391439	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00082	0
0.1054	0.00039163	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00068	0
0.10545	0.00039182	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003804	0	-0.00026	0
0.1055	0.00039201	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-0.00086	0
0.10555	0.0003922	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-7.2E-05	0
0.1056	0.00039239	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	0.000152	0
0.10565	0.00039258	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-0.00038	0
0.1057	0.000392771	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-0.00026	0
0.10575	0.000392961	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-0.00091	0
0.1058	0.000393151	0	7.523E-16	-0.00042373	-7.5E-16	0	0.003803	0	-4.6E-05	0
0.10585	0.000393341	0	7.523E-16	-0.00042372	-7.5E-16	0	0.003803	0	0.000633	0
0.1059	0.000393531	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.0028	0
0.10595	0.000393721	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	0.00192	0
0.106	0.000393912	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00091	0
0.10605	0.000394102	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.0005	0
0.1061	0.000394292	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-5.8E-05	0
0.10615	0.000394482	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00064	0
0.1062	0.000394672	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00073	0
0.10625	0.000394862	0	7.522E-16	-0.00042373	-7.5E-16	0	0.003803	0	0.000512	0
0.1063	0.000395053	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00072	0
0.10635	0.000395243	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00025	0
0.1064	0.000395433	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00035	0
0.10645	0.000395623	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00048	0
0.1065	0.000395813	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00036	0

0.10655	0.000396003	0	7.522E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00029	0
0.1066	0.000396194	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00051	0
0.10665	0.000396384	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00076	0
0.1067	0.000396574	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	0.000489	0
0.10675	0.000396764	0	7.521E-16	-0.00042371	-7.5E-16	0	0.003803	0	-0.00124	0
0.1068	0.000396954	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	0.000547	0
0.10685	0.000397144	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.0003	0
0.1069	0.000397334	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00111	0
0.10695	0.000397525	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	8.05E-05	0
0.107	0.000397715	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	9.79E-05	0
0.10705	0.000397905	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.0001	0
0.1071	0.000398095	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	-0.00135	0
0.10715	0.000398285	0	7.521E-16	-0.00042372	-7.5E-16	0	0.003803	0	0.000606	0
0.1072	0.000398475	0	7.774E-16	-0.00039116	-7.5E-16	0	0.003803	0	2.715806	0
0.10725	0.000398672	0	7.774E-16	-0.00039116	-8.1E-16	0	0.003939	0	-1.79203	0
0.1073	0.000398865	0	7.774E-16	-0.00039115	-7.7E-16	0	0.003849	0	-0.15411	0
0.10735	0.000399057	0	7.774E-16	-0.00039116	-7.7E-16	0	0.003841	0	0.994951	0
0.1074	0.000399251	0	7.774E-16	-0.00039116	-7.9E-16	0	0.003891	0	-0.5773	0
0.10745	0.000399445	0	7.774E-16	-0.00039116	-7.8E-16	0	0.003862	0	-0.11489	0
0.1075	0.000399637	0	7.774E-16	-0.00039116	-7.7E-16	0	0.003857	0	0.363115	0
0.10755	0.000399831	0	7.773E-16	-0.00039116	-7.8E-16	0	0.003875	0	-0.18201	0
0.1076	0.000400024	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.0623	0
0.10765	0.000400217	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003863	0	0.131223	0
0.1077	0.000400411	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003869	0	-0.05602	0
0.10775	0.000400604	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.02817	0
0.1078	0.000400797	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003865	0	0.044508	0
0.10785	0.000400991	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003867	0	-0.01629	0
0.1079	0.000401184	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.01148	0
0.10795	0.000401377	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	0.014885	0
0.108	0.000401571	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.00539	0
0.10805	0.000401764	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.00432	0
0.1081	0.000401957	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	0.005167	0
0.10815	0.000402151	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.0025	0

0.1082	0.000402344	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.00133	0
0.10825	0.000402537	0	7.773E-16	-0.00039115	-7.8E-16	0	0.003866	0	0.001855	0
0.1083	0.000402731	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00211	0
0.10835	0.000402924	0	7.772E-16	-0.00039115	-7.8E-16	0	0.003866	0	0.000514	0
0.1084	0.000403117	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000157	0
0.10845	0.00040331	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00171	0
0.1085	0.000403504	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.001214	0
0.10855	0.000403697	0	7.772E-16	-0.00039115	-7.8E-16	0	0.003866	0	-0.00123	0
0.1086	0.00040389	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.0009	0
0.10865	0.000404084	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000965	0
0.1087	0.000404277	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00083	0
0.10875	0.00040447	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00063	0
0.1088	0.000404664	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	9.45E-05	0
0.10885	0.000404857	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.0002	0
0.1089	0.00040505	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00052	0
0.10895	0.000405243	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00076	0
0.109	0.000405437	0	7.772E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000993	0
0.10905	0.00040563	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00231	0
0.1091	0.000405823	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000646	0
0.10915	0.000406017	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000475	0
0.1092	0.00040621	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00138	0
0.10925	0.000406403	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	-8.4E-05	0
0.1093	0.000406596	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	-5.9E-05	0
0.10935	0.00040679	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	-0.00087	0
0.1094	0.000406983	0	7.771E-16	-0.00039114	-7.8E-16	0	0.003866	0	0.000495	0
0.10945	0.000407176	0	7.771E-16	-0.00039113	-7.8E-16	0	0.003866	0	-0.00164	0
0.1095	0.00040737	0	7.771E-16	-0.00039111	-7.8E-16	0	0.003866	0	0.001428	0
0.10955	0.000407563	0	7.771E-16	-0.00039111	-7.8E-16	0	0.003866	0	-0.00078	0
0.1096	0.000407756	0	7.771E-16	-0.00039111	-7.8E-16	0	0.003866	0	-0.00106	0
0.10965	0.000407949	0	7.771E-16	-0.00039111	-7.8E-16	0	0.003866	0	0.001556	0
0.1097	0.000408143	0	7.771E-16	-0.00039111	-7.8E-16	0	0.003866	0	-0.00175	0
0.10975	0.000408336	0	7.771E-16	-0.0003911	-7.8E-16	0	0.003866	0	-0.00069	0
0.1098	0.000408529	0	7.771E-16	-0.0003911	-7.8E-16	0	0.003866	0	0.000911	0

0.10985	0.000408723	0	7.771E-16	-0.0003911	-7.8E-16	0	0.003866	0	-0.00073	0
0.1099	0.000408916	0	7.77E-16	-0.0003911	-7.8E-16	0	0.003866	0	-0.00139	0
0.10995	0.000409109	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003866	0	-0.01179	0
0.11	0.000409302	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	0.008197	0
0.11005	0.000409496	0	7.769E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00129	0
0.1101	0.000409689	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	-0.0033	0
0.11015	0.000409882	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	0.001617	0
0.1102	0.000410075	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	0.000537	0
0.11025	0.000410269	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	-0.00203	0
0.1103	0.000410462	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	-0.00089	0
0.11035	0.000410655	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	0.001443	0
0.1104	0.000410848	0	7.769E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00074	0
0.11045	0.000411042	0	7.769E-16	-0.00039101	-7.8E-16	0	0.003865	0	-0.00104	0
0.1105	0.000411235	0	7.768E-16	-0.00039101	-7.8E-16	0	0.003865	0	0.000496	0
0.11055	0.000411428	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00138	0
0.1106	0.000411621	0	7.768E-16	-0.00039101	-7.8E-16	0	0.003865	0	6.22E-05	0
0.11065	0.000411815	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	0.000615	0
0.1107	0.000412008	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00179	0
0.11075	0.000412201	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	0.001238	0
0.1108	0.000412394	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00026	0
0.11085	0.000412588	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00068	0
0.1109	0.000412781	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00124	0
0.11095	0.000412974	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	0.000679	0
0.111	0.000413167	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	8.59E-05	0
0.11105	0.000413361	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00189	0
0.1111	0.000413554	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	0.001764	0
0.11115	0.000413747	0	7.768E-16	-0.00039099	-7.8E-16	0	0.003865	0	-0.00154	0
0.1112	0.00041394	0	7.768E-16	-0.00039099	-7.8E-16	0	0.003865	0	-0.00124	0
0.11125	0.000414134	0	7.768E-16	-0.000391	-7.8E-16	0	0.003865	0	0.001007	0
0.1113	0.000414327	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00053	0
0.11135	0.00041452	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00013	0
0.1114	0.000414713	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00148	0
0.11145	0.000414907	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	0.001442	0

0.1115	0.0004151	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	-0.00224	0
0.11155	0.000415293	0	7.767E-16	-0.00039099	-7.8E-16	0	0.003865	0	0.000595	0
0.1116	0.000415486	0	7.767E-16	-0.000391	-7.8E-16	0	0.003865	0	-5.2E-05	0
0.11165	0.00041568	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003865	0	0.041546	0
0.1117	0.000415873	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003867	0	-0.02659	0
0.11175	0.000416066	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00506	0
0.1118	0.000416259	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003865	0	0.017145	0
0.11185	0.000416453	0	7.771E-16	-0.00039089	-7.8E-16	0	0.003866	0	-0.0101	0
0.1119	0.000416646	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003866	0	-0.00232	0
0.11195	0.000416839	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003865	0	0.005471	0
0.112	0.000417033	0	7.771E-16	-0.0003909	-7.8E-16	0	0.003866	0	-0.00336	0
0.11205	0.000417226	0	7.771E-16	-0.00039089	-7.8E-16	0	0.003866	0	-0.00084	0
0.1121	0.000417419	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	0.005635	0
0.11215	0.000417612	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	-0.00354	0
0.1122	0.000417806	0	7.771E-16	-0.00039093	-7.8E-16	0	0.003866	0	-0.00125	0
0.11225	0.000417999	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	0.001629	0
0.1123	0.000418192	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	-0.00139	0
0.11235	0.000418386	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	-0.0005	0
0.1124	0.000418579	0	7.771E-16	-0.00039094	-7.8E-16	0	0.003866	0	0.000849	0
0.11245	0.000418772	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003866	0	-0.00074	0
0.1125	0.000418965	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003866	0	-0.00171	0
0.11255	0.000419159	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003865	0	0.001512	0
0.1126	0.000419352	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003866	0	-0.00161	0
0.11265	0.000419545	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003865	0	-0.00014	0
0.1127	0.000419739	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003865	0	0.00094	0
0.11275	0.000419932	0	7.77E-16	-0.00039093	-7.8E-16	0	0.003866	0	-0.00153	0
0.1128	0.000420125	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	0.00346	0
0.11285	0.000420318	0	7.771E-16	-0.00039091	-7.8E-16	0	0.003866	0	0.002046	0
0.1129	0.000420512	0	7.771E-16	-0.00039091	-7.8E-16	0	0.003866	0	-0.00364	0
0.11295	0.000420705	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003866	0	0.000191	0
0.113	0.000420898	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003866	0	0.001113	0
0.11305	0.000421091	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003866	0	-0.00141	0
0.1131	0.000421285	0	7.771E-16	-0.00039092	-7.8E-16	0	0.003866	0	0.002387	0

0.11315	0.000421478	0	7.771E-16	-0.00039092	-7.8E-16	0	0.003866	0	-0.0009	0
0.1132	0.000421671	0	7.77E-16	-0.00039092	-7.8E-16	0	0.003866	0	-0.0017	0
0.11325	0.000421865	0	7.77E-16	-0.00039092	-7.8E-16	0	0.003866	0	0.001047	0
0.1133	0.000422058	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003866	0	-0.00031	0
0.11335	0.000422251	0	7.77E-16	-0.00039092	-7.8E-16	0	0.003866	0	-0.00133	0
0.1134	0.000422444	0	7.77E-16	-0.00039092	-7.8E-16	0	0.003865	0	0.000586	0
0.11345	0.000422638	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003866	0	-0.00037	0
0.1135	0.000422831	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	-0.001	0
0.11355	0.000423024	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	0.00018	0
0.1136	0.000423217	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	-5.8E-06	0
0.11365	0.000423411	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	-0.00067	0
0.1137	0.000423604	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	3.79E-05	0
0.11375	0.000423797	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	-0.00153	0
0.1138	0.000423991	0	7.77E-16	-0.0003909	-7.8E-16	0	0.003865	0	0.000326	0
0.11385	0.000424184	0	7.77E-16	-0.00039091	-7.8E-16	0	0.003865	0	0.000223	0
0.1139	0.000424377	0	7.77E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00094	0
0.11395	0.00042457	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00148	0
0.114	0.000424764	0	7.769E-16	-0.00039091	-7.8E-16	0	0.003865	0	0.002094	0
0.11405	0.000424957	0	7.769E-16	-0.00039091	-7.8E-16	0	0.003865	0	-0.00255	0
0.1141	0.00042515	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	0.001044	0
0.11415	0.000425343	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00044	0
0.1142	0.000425537	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00067	0
0.11425	0.00042573	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00023	0
0.1143	0.000425923	0	7.769E-16	-0.0003909	-7.8E-16	0	0.003865	0	-0.00042	0
0.11435	0.000426116	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00804	0
0.1144	0.00042631	0	7.768E-16	-0.00039103	-7.8E-16	0	0.003865	0	0.005038	0
0.11445	0.000426503	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	3.01E-05	0
0.1145	0.000426696	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00285	0
0.11455	0.000426889	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	0.000735	0
0.1146	0.000427083	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00045	0
0.11465	0.000427276	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00074	0
0.1147	0.000427469	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	5.84E-05	0
0.11475	0.000427662	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00021	0

0.1148	0.000427856	0	7.768E-16	-0.00039101	-7.8E-16	0	0.003865	0	-0.00117	0
0.11485	0.000428049	0	7.767E-16	-0.00039102	-7.8E-16	0	0.003865	0	4.49E-05	0
0.1149	0.000428242	0	7.768E-16	-0.00039102	-7.8E-16	0	0.003865	0	0.001105	0
0.11495	0.000428435	0	7.767E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00295	0
0.115	0.000428629	0	7.767E-16	-0.00039102	-7.8E-16	0	0.003865	0	0.001047	0
0.11505	0.000428822	0	7.767E-16	-0.00039102	-7.8E-16	0	0.003865	0	-0.00029	0
0.1151	0.000429015	0	7.766E-16	-0.00039109	-7.8E-16	0	0.003865	0	-0.01621	0
0.11515	0.000429208	0	7.766E-16	-0.00039109	-7.8E-16	0	0.003864	0	0.010658	0
0.1152	0.000429402	0	7.766E-16	-0.00039108	-7.8E-16	0	0.003864	0	-7.7E-05	0
0.11525	0.000429595	0	7.766E-16	-0.00039109	-7.8E-16	0	0.003864	0	-0.00504	0
0.1153	0.000429788	0	7.766E-16	-0.00039109	-7.8E-16	0	0.003864	0	0.002321	0
0.11535	0.000429981	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00039	0
0.1154	0.000430174	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00083	0
0.11545	0.000430368	0	7.765E-16	-0.00039109	-7.8E-16	0	0.003864	0	-0.00043	0
0.1155	0.000430561	0	7.765E-16	-0.00039109	-7.8E-16	0	0.003864	0	-0.00018	0
0.11555	0.000430754	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00021	0
0.1156	0.000430947	0	7.765E-16	-0.00039109	-7.8E-16	0	0.003864	0	8.09E-05	0
0.11565	0.00043114	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00114	0
0.1157	0.000431334	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	0.000571	0
0.11575	0.000431527	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00203	0
0.1158	0.00043172	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	0.001085	0
0.11585	0.000431913	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00026	0
0.1159	0.000432106	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00111	0
0.11595	0.0004323	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	-7.6E-05	0
0.116	0.000432493	0	7.765E-16	-0.00039108	-7.8E-16	0	0.003864	0	4.42E-05	0
0.11605	0.000432686	0	7.764E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00072	0
0.1161	0.000432879	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	0.000281	0
0.11615	0.000433073	0	7.764E-16	-0.00039108	-7.8E-16	0	0.003864	0	-0.00082	0
0.1162	0.000433266	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00034	0
0.11625	0.000433459	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.0009	0
0.1163	0.000433652	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	0.000908	0
0.11635	0.000433845	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00138	0
0.1164	0.000434039	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00015	0

0.11645	0.000434232	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00021	0
0.1165	0.000434425	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00014	0
0.11655	0.000434618	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00038	0
0.1166	0.000434811	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	0.000142	0
0.11665	0.000435004	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00187	0
0.1167	0.000435198	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	0.001268	0
0.11675	0.000435391	0	7.764E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00105	0
0.1168	0.000435584	0	7.763E-16	-0.00039107	-7.8E-16	0	0.003864	0	-0.00044	0
0.11685	0.000435777	0	7.763E-16	-0.00039107	-7.8E-16	0	0.003864	0	0.000751	0
0.1169	0.00043597	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.0009	0
0.11695	0.000436164	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	0.000281	0
0.117	0.000436357	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-1.4E-05	0
0.11705	0.00043655	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.00175	0
0.1171	0.000436743	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	0.000489	0
0.11715	0.000436936	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	0.000206	0
0.1172	0.00043713	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.00104	0
0.11725	0.000437323	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.00024	0
0.1173	0.000437516	0	7.763E-16	-0.00039119	-7.8E-16	0	0.003864	0	-0.00038	0
0.11735	0.000437709	0	7.763E-16	-0.00039119	-7.8E-16	0	0.003864	0	0.000105	0
0.1174	0.000437902	0	7.763E-16	-0.00039119	-7.8E-16	0	0.003864	0	-0.00068	0
0.11745	0.000438095	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.00012	0
0.1175	0.000438289	0	7.763E-16	-0.0003912	-7.8E-16	0	0.003864	0	-0.00153	0
0.11755	0.000438482	0	7.763E-16	-0.00039119	-7.8E-16	0	0.003864	0	0.001182	0
0.1176	0.000438675	0	7.764E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.012672	0
0.11765	0.000438868	0	7.764E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.0098	0
0.1177	0.000439061	0	7.764E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00078	0
0.11775	0.000439255	0	7.764E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.005443	0
0.1178	0.000439448	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00496	0
0.11785	0.000439641	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.000446	0
0.1179	0.000439834	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.001349	0
0.11795	0.000440027	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.0025	0
0.118	0.000440221	0	7.763E-16	-0.00039114	-7.8E-16	0	0.003864	0	0.001518	0
0.11805	0.000440414	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00076	0



0.1181	0.000440607	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00116	0
0.11815	0.0004408	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.000426	0
0.1182	0.000440993	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00067	0
0.11825	0.000441187	0	7.763E-16	-0.00039114	-7.8E-16	0	0.003864	0	-0.0011	0
0.1183	0.00044138	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	0.000997	0
0.11835	0.000441573	0	7.763E-16	-0.00039114	-7.8E-16	0	0.003864	0	0.000136	0
0.1184	0.000441766	0	7.763E-16	-0.00039115	-7.8E-16	0	0.003864	0	-0.00215	0
0.11845	0.000441959	0	7.763E-16	-0.00039114	-7.8E-16	0	0.003864	0	0.000482	0
0.1185	0.000442152	0	9.636E-16	-0.00029005	-7.8E-16	0	0.003864	0	20.10301	0
0.11855	0.000442396	0	9.636E-16	-0.00029004	-1.2E-15	0	0.004869	0	-18.8208	0
0.1186	0.000442592	0	9.636E-16	-0.00029004	-8E-16	0	0.003928	0	7.903581	0
0.11865	0.000442808	0	9.636E-16	-0.00029007	-9.7E-16	0	0.004323	0	3.069673	0
0.1187	0.000443032	0	9.636E-16	-0.00029008	-1E-15	0	0.004476	0	-6.88389	0
0.11875	0.000443239	0	9.637E-16	-0.00026937	-8.9E-16	0	0.004132	0	4.687952	0
0.1188	0.000443457	0	9.637E-16	-0.00026937	-9.9E-16	0	0.004367	0	-0.64207	0
0.11885	0.000443674	0	9.637E-16	-0.00026937	-9.8E-16	0	0.004334	0	-1.74981	0
0.1189	0.000443886	0	9.637E-16	-0.00026936	-9.4E-16	0	0.004247	0	1.884243	0
0.11895	0.000444103	0	9.637E-16	-0.00026936	-9.8E-16	0	0.004341	0	-0.81294	0
0.119	0.000444318	0	9.637E-16	-0.00026936	-9.6E-16	0	0.004301	0	-0.20331	0
0.11905	0.000444533	0	9.637E-16	-0.00026936	-9.6E-16	0	0.00429	0	0.588055	0
0.1191	0.000444749	0	9.636E-16	-0.00026936	-9.7E-16	0	0.00432	0	-0.43037	0
0.11915	0.000444964	0	9.636E-16	-0.00026935	-9.6E-16	0	0.004298	0	0.094436	0
0.1192	0.000445179	0	9.636E-16	-0.00026935	-9.6E-16	0	0.004303	0	0.129792	0
0.11925	0.000445394	0	9.636E-16	-0.00026935	-9.7E-16	0	0.004309	0	-0.16537	0
0.1193	0.000445609	0	9.636E-16	-0.00026935	-9.6E-16	0	0.004301	0	0.082956	0
0.11935	0.000445825	0	9.636E-16	-0.00026935	-9.6E-16	0	0.004305	0	0.007521	0
0.1194	0.00044604	0	9.636E-16	-0.00026934	-9.6E-16	0	0.004306	0	-0.04889	0
0.11945	0.000446255	0	9.636E-16	-0.00026934	-9.6E-16	0	0.004303	0	0.039885	0
0.1195	0.00044647	0	9.636E-16	-0.00026934	-9.6E-16	0	0.004305	0	-0.01298	0
0.11955	0.000446686	0	9.636E-16	-0.00026934	-9.6E-16	0	0.004305	0	-0.00942	0
0.1196	0.000446901	0	9.636E-16	-0.00026933	-9.6E-16	0	0.004304	0	0.014415	0
0.11965	0.000447116	0	9.636E-16	-0.00026933	-9.6E-16	0	0.004305	0	-0.00898	0
0.1197	0.000447331	0	9.635E-16	-0.00026933	-9.6E-16	0	0.004304	0	-0.00029	0

0.11975	0.000447547	0	9.635E-16	-0.00026933	-9.6E-16	0	0.004304	0	0.003851	0
0.1198	0.000447762	0	9.635E-16	-0.00026933	-9.6E-16	0	0.004305	0	-0.00462	0
0.11985	0.000447977	0	9.635E-16	-0.00026933	-9.6E-16	0	0.004304	0	0.002603	0
0.1199	0.000448192	0	9.635E-16	-0.00026932	-9.6E-16	0	0.004305	0	-0.00177	0
0.11995	0.000448407	0	9.635E-16	-0.00026932	-9.6E-16	0	0.004304	0	-0.0001	0
0.12	0.000448623	0	9.635E-16	-0.00026932	-9.6E-16	0	0.004304	0	0.000123	0
0.12005	0.000448838	0	9.635E-16	-0.00026932	-9.6E-16	0	0.004304	0	-0.00088	0
0.1201	0.000449053	0	9.635E-16	-0.00026932	-9.6E-16	0	0.004304	0	-0.00048	0
0.12015	0.000449268	0	9.635E-16	-0.00026931	-9.6E-16	0	0.004304	0	-0.00077	0
0.1202	0.000449483	0	9.635E-16	-0.00026931	-9.6E-16	0	0.004304	0	0.00071	0
0.12025	0.000449699	0	9.635E-16	-0.00026931	-9.6E-16	0	0.004304	0	-0.00091	0
0.1203	0.000449914	0	9.634E-16	-0.00026931	-9.6E-16	0	0.004304	0	-0.00067	0
0.12035	0.000450129	0	9.634E-16	-0.00026931	-9.6E-16	0	0.004304	0	0.00039	0
0.1204	0.000450344	0	9.634E-16	-0.00026931	-9.6E-16	0	0.004304	0	-0.00116	0
0.12045	0.00045056	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.00017	0
0.1205	0.000450775	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.00049	0
0.12055	0.00045099	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.00028	0
0.1206	0.000451205	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.00045	0
0.12065	0.00045142	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.0005	0
0.1207	0.000451636	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-8.7E-05	0
0.12075	0.000451851	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.0005	0
0.1208	0.000452066	0	9.634E-16	-0.0002693	-9.6E-16	0	0.004304	0	0.0007	0
0.12085	0.000452281	0	9.633E-16	-0.0002693	-9.6E-16	0	0.004304	0	-0.00232	0
0.1209	0.000452496	0	9.633E-16	-0.00026929	-9.6E-16	0	0.004304	0	0.001308	0
0.12095	0.000452712	0	9.633E-16	-0.00026929	-9.6E-16	0	0.004304	0	-0.00073	0
0.121	0.000452927	0	9.633E-16	-0.00026929	-9.6E-16	0	0.004304	0	-0.00063	0
0.12105	0.000453142	0	9.633E-16	-0.00026929	-9.6E-16	0	0.004304	0	-0.00048	0
0.1211	0.000453357	0	9.633E-16	-0.00026929	-9.6E-16	0	0.004304	0	-0.00058	0
0.12115	0.000453572	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	0.000599	0
0.1212	0.000453788	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	-0.00175	0
0.12125	0.000454003	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	0.000933	0
0.1213	0.000454218	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	0.000237	0
0.12135	0.000454433	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	-0.0017	0

0.1214	0.000454648	0	9.633E-16	-0.00026928	-9.6E-16	0	0.004304	0	0.000164	0
0.12145	0.000454864	0	9.633E-16	-0.00026927	-9.6E-16	0	0.004304	0	0.00039	0
0.1215	0.000455079	0	9.633E-16	-0.00026927	-9.6E-16	0	0.004304	0	-0.0022	0
0.12155	0.000455294	0	9.632E-16	-0.00026927	-9.6E-16	0	0.004304	0	0.001297	0
0.1216	0.000455509	0	9.632E-16	-0.00026927	-9.6E-16	0	0.004304	0	-0.00138	0
0.12165	0.000455724	0	9.632E-16	-0.00026927	-9.6E-16	0	0.004304	0	-2.8E-05	0
0.1217	0.00045594	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	0.000262	0
0.12175	0.000456155	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-0.00073	0
0.1218	0.00045637	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-8.7E-05	0
0.12185	0.000456585	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-0.00059	0
0.1219	0.0004568	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-0.00063	0
0.12195	0.000457016	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-0.0004	0
0.122	0.000457231	0	9.632E-16	-0.00026926	-9.6E-16	0	0.004304	0	-0.00031	0
0.12205	0.000457446	0	9.632E-16	-0.00026925	-9.6E-16	0	0.004304	0	0.000967	0
0.1221	0.000457661	0	9.632E-16	-0.00026925	-9.6E-16	0	0.004304	0	-0.00251	0
0.12215	0.000457876	0	9.632E-16	-0.00026925	-9.6E-16	0	0.004304	0	0.001358	0
0.1222	0.000458091	0	9.631E-16	-0.00026925	-9.6E-16	0	0.004304	0	-0.00129	0
0.12225	0.000458307	0	9.631E-16	-0.00026925	-9.6E-16	0	0.004304	0	-0.00098	0
0.1223	0.000458522	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004304	0	0.001632	0
0.12235	0.000458737	0	9.631E-16	-0.00026925	-9.6E-16	0	0.004304	0	-0.00223	0
0.1224	0.000458952	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004304	0	-0.00038	0
0.12245	0.000459167	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004304	0	0.000708	0
0.1225	0.000459383	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004304	0	-0.00057	0
0.12255	0.000459598	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004304	0	-0.00051	0
0.1226	0.000459813	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004303	0	-0.00073	0
0.12265	0.000460028	0	9.631E-16	-0.00026923	-9.6E-16	0	0.004303	0	0.000669	0
0.1227	0.000460243	0	9.631E-16	-0.00026924	-9.6E-16	0	0.004303	0	-0.00108	0
0.12275	0.000460458	0	9.631E-16	-0.00026923	-9.6E-16	0	0.004303	0	-0.00078	0
0.1228	0.000460674	0	9.63E-16	-0.00026923	-9.6E-16	0	0.004303	0	0.000624	0
0.12285	0.000460889	0	9.63E-16	-0.00026923	-9.6E-16	0	0.004303	0	-0.00127	0
0.1229	0.000461104	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	0.000832	0
0.12295	0.000461319	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	-0.00094	0
0.123	0.000461534	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	-0.00075	0

0.12305	0.000461749	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	0.000129	0
0.1231	0.000461965	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	-0.00044	0
0.12315	0.00046218	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	-0.00076	0
0.1232	0.000462395	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	0.000215	0
0.12325	0.00046261	0	9.63E-16	-0.00026922	-9.6E-16	0	0.004303	0	-0.0008	0
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0.12335	0.00046304	0	9.63E-16	-0.00026921	-9.6E-16	0	0.004303	0	0.001862	0
0.1234	0.000463256	0	9.629E-16	-0.00026921	-9.6E-16	0	0.004303	0	-0.00253	0
0.12345	0.000463471	0	9.629E-16	-0.00026921	-9.6E-16	0	0.004303	0	0.000249	0
0.1235	0.000463686	0	9.629E-16	-0.00026921	-9.6E-16	0	0.004303	0	0.000369	0
0.12355	0.000463901	0	9.629E-16	-0.00026921	-9.6E-16	0	0.004303	0	-0.00119	0
0.1236	0.000464116	0	9.629E-16	-0.0002692	-9.6E-16	0	0.004303	0	-9.3E-05	0
0.12365	0.000464331	0	9.629E-16	-0.0002692	-9.6E-16	0	0.004303	0	-0.00074	0
0.1237	0.000464546	0	9.629E-16	-0.0002692	-9.6E-16	0	0.004303	0	0.000593	0
0.12375	0.000464762	0	9.629E-16	-0.0002692	-9.6E-16	0	0.004303	0	-0.00193	0
0.1238	0.000464977	0	9.629E-16	-0.00026919	-9.6E-16	0	0.004303	0	0.000741	0
0.12385	0.000465192	0	9.629E-16	-0.00026919	-9.6E-16	0	0.004303	0	8.36E-05	0
0.1239	0.000465407	0	9.629E-16	-0.00026919	-9.6E-16	0	0.004303	0	-0.00187	0
0.12395	0.000465622	0	9.629E-16	-0.00026919	-9.6E-16	0	0.004303	0	0.001333	0
0.124	0.000465837	0	9.628E-16	-0.00026919	-9.6E-16	0	0.004303	0	-0.00157	0
0.12405	0.000466053	0	9.628E-16	-0.00026919	-9.6E-16	0	0.004303	0	-0.00031	0
0.1241	0.000466268	0	9.628E-16	-0.00026919	-9.6E-16	0	0.004303	0	0.00027	0
0.12415	0.000466483	0	9.628E-16	-0.00026919	-9.6E-16	0	0.004303	0	-0.00127	0
0.1242	0.000466698	0	9.628E-16	-0.00026918	-9.6E-16	0	0.004303	0	0.00041	0
0.12425	0.000466913	0	9.628E-16	-0.00026918	-9.6E-16	0	0.004303	0	-0.00011	0
0.1243	0.000467128	0	9.628E-16	-0.00026918	-9.6E-16	0	0.004303	0	-0.00144	0
0.12435	0.000467343	0	9.628E-16	-0.00026918	-9.6E-16	0	0.004303	0	0.000372	0
0.1244	0.000467559	0	9.628E-16	-0.00026917	-9.6E-16	0	0.004303	0	-0.00029	0
0.12445	0.000467774	0	9.628E-16	-0.00026917	-9.6E-16	0	0.004303	0	-0.00093	0
0.1245	0.000467989	0	9.628E-16	-0.00026917	-9.6E-16	0	0.004303	0	8.7E-05	0
0.12455	0.000468204	0	9.628E-16	-0.00026917	-9.6E-16	0	0.004303	0	-0.00052	0
0.1246	0.000468419	0	9.628E-16	-0.00026917	-9.6E-16	0	0.004303	0	3.77E-05	0
0.12465	0.000468634	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	-0.00067	0

0.1247	0.000468849	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	-0.00067	0
0.12475	0.000469064	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	-0.00021	0
0.1248	0.00046928	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	6.45E-05	0
0.12485	0.000469495	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	-0.00131	0
0.1249	0.00046971	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	-0.00013	0
0.12495	0.000469925	0	9.627E-16	-0.00026916	-9.6E-16	0	0.004303	0	0.000468	0
0.125	0.00047014	0	9.627E-16	-0.00026915	-9.6E-16	0	0.004303	0	-0.0013	0
0.12505	0.000470355	0	9.627E-16	-0.00026915	-9.6E-16	0	0.004303	0	-0.00032	0
0.1251	0.00047057	0	9.627E-16	-0.00026915	-9.6E-16	0	0.004303	0	0.00058	0
0.12515	0.000470786	0	9.627E-16	-0.00026914	-9.6E-16	0	0.004303	0	-0.00161	0
0.1252	0.000471001	0	9.627E-16	-0.00026915	-9.6E-16	0	0.004302	0	0.001069	0
0.12525	0.000471216	0	9.626E-16	-0.00026914	-9.6E-16	0	0.004303	0	-0.00094	0
0.1253	0.000471431	0	9.626E-16	-0.00026914	-9.6E-16	0	0.004303	0	-0.00073	0
0.12535	0.000471646	0	9.626E-16	-0.00026914	-9.6E-16	0	0.004302	0	-0.00016	0
0.1254	0.000471861	0	9.626E-16	-0.00026914	-9.6E-16	0	0.004302	0	-0.00028	0
0.12545	0.000472076	0	9.643E-16	-0.00026628	-9.6E-16	0	0.004302	0	0.182466	0
0.1255	0.000472292	0	9.643E-16	-0.00026627	-9.7E-16	0	0.004312	0	-0.16585	0
0.12555	0.000472507	0	9.643E-16	-0.00026628	-9.6E-16	0	0.004303	0	0.057782	0
0.1256	0.000472722	0	7.815E-16	-0.0003927	-9.6E-16	0	0.004306	0	-19.585	0
0.12565	0.000472889	0	7.815E-16	-0.0003927	-5.8E-16	0	0.003327	0	12.29822	0
0.1257	0.000473086	0	7.815E-16	-0.0003927	-8.1E-16	0	0.003942	0	3.30095	0
0.12575	0.000473291	0	7.815E-16	-0.00039269	-8.8E-16	0	0.004107	0	-8.61067	0
0.1258	0.000473475	0	7.814E-16	-0.00039269	-7E-16	0	0.003676	0	4.128708	0
0.12585	0.000473669	0	7.814E-16	-0.0003927	-7.8E-16	0	0.003883	0	1.792538	0
0.1259	0.000473868	0	7.814E-16	-0.0003927	-8.2E-16	0	0.003972	0	-3.30529	0
0.12595	0.000474058	0	7.814E-16	-0.0003927	-7.5E-16	0	0.003807	0	1.319052	0
0.126	0.000474252	0	7.814E-16	-0.0003927	-7.8E-16	0	0.003873	0	0.804221	0
0.12605	0.000474447	0	7.814E-16	-0.0003927	-8E-16	0	0.003913	0	-1.20085	0
0.1261	0.00047464	0	7.814E-16	-0.0003927	-7.7E-16	0	0.003853	0	0.39654	0
0.12615	0.000474834	0	7.814E-16	-0.0003927	-7.8E-16	0	0.003873	0	0.341021	0
0.1262	0.000475028	0	7.814E-16	-0.0003927	-7.9E-16	0	0.00389	0	-0.42603	0
0.12625	0.000475222	0	7.814E-16	-0.0003927	-7.8E-16	0	0.003869	0	0.111882	0
0.1263	0.000475415	0	7.814E-16	-0.0003927	-7.8E-16	0	0.003874	0	0.138712	0

0.12635	0.000475609	0	7.809E-16	-0.00039227	-7.8E-16	0	0.003881	0	-0.20239	0
0.1264	0.000475803	0	7.809E-16	-0.00039227	-7.8E-16	0	0.003871	0	0.06406	0
0.12645	0.000475997	0	7.809E-16	-0.00039227	-7.8E-16	0	0.003874	0	0.058282	0
0.1265	0.000476191	0	7.809E-16	-0.00039227	-7.8E-16	0	0.003877	0	-0.07131	0
0.12655	0.000476384	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003874	0	0.014028	0
0.1266	0.000476578	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003874	0	0.025243	0
0.12665	0.000476772	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003876	0	-0.02431	0
0.1267	0.000476966	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	0.00196	0
0.12675	0.000477159	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	0.010252	0
0.1268	0.000477353	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	-0.00792	0
0.12685	0.000477547	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	-0.00052	0
0.1269	0.00047774	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	0.003751	0
0.12695	0.000477934	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	-0.00238	0
0.127	0.000478128	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	-0.00143	0
0.12705	0.000478322	0	7.808E-16	-0.00039227	-7.8E-16	0	0.003875	0	0.001351	0
0.1271	0.000478515	0	7.808E-16	-0.00039226	-7.8E-16	0	0.003875	0	-0.0007	0
0.12715	0.000478709	0	7.807E-16	-0.00039227	-7.8E-16	0	0.003875	0	-0.0012	0
0.1272	0.000478903	0	7.807E-16	-0.00039226	-7.8E-16	0	0.003875	0	0.000335	0
0.12725	0.000479097	0	7.037E-16	-0.00050945	-7.8E-16	0	0.003875	0	-8.26975	0
0.1273	0.00047927	0	7.037E-16	-0.00050945	-6.2E-16	0	0.003461	0	4.519555	0
0.12735	0.000479454	0	7.036E-16	-0.00050946	-7.1E-16	0	0.003687	0	1.89903	0
0.1274	0.000479643	0	7.036E-16	-0.00050946	-7.4E-16	0	0.003782	0	-3.36809	0
0.12745	0.000479824	0	7.036E-16	-0.00050947	-6.8E-16	0	0.003614	0	0.943204	0
0.1275	0.000480007	0	7.036E-16	-0.00050947	-7E-16	0	0.003661	0	1.183673	0
0.12755	0.000480193	0	7.036E-16	-0.00050947	-7.2E-16	0	0.00372	0	-1.13345	0
0.1276	0.000480376	0	7.036E-16	-0.00050947	-7E-16	0	0.003663	0	0.041745	0
0.12765	0.000480559	0	7.036E-16	-0.00050947	-7E-16	0	0.003666	0	0.542755	0
0.1277	0.000480744	0	7.036E-16	-0.00050947	-7.1E-16	0	0.003693	0	-0.32143	0
0.12775	0.000480928	0	7.036E-16	-0.00050948	-7E-16	0	0.003677	0	-0.09326	0
0.1278	0.000481111	0	7.035E-16	-0.00050947	-7E-16	0	0.003672	0	0.211347	0
0.12785	0.000481296	0	7.035E-16	-0.00050948	-7.1E-16	0	0.003682	0	-0.07042	0
0.1279	0.000481479	0	7.035E-16	-0.00050948	-7E-16	0	0.003679	0	-0.06773	0
0.12795	0.000481663	0	7.035E-16	-0.00050948	-7E-16	0	0.003676	0	0.071385	0

0.128	0.000481847	0	7.035E-16	-0.00050948	-7E-16	0	0.003679	0	-0.0064	0
0.12805	0.000482031	0	7.035E-16	-0.00050948	-7E-16	0	0.003679	0	-0.03239	0
0.1281	0.000482215	0	7.035E-16	-0.00050948	-7E-16	0	0.003677	0	0.019978	0
0.12815	0.000482399	0	7.035E-16	-0.00050948	-7E-16	0	0.003678	0	0.004707	0
0.1282	0.000482583	0	7.035E-16	-0.00050949	-7E-16	0	0.003678	0	-0.01397	0
0.12825	0.000482767	0	7.035E-16	-0.00050949	-7E-16	0	0.003678	0	0.005204	0
0.1283	0.000482951	0	7.035E-16	-0.00050949	-7E-16	0	0.003678	0	0.002878	0
0.12835	0.000483135	0	7.035E-16	-0.00050947	-7E-16	0	0.003678	0	-0.00652	0
0.1284	0.000483318	0	7.034E-16	-0.00050947	-7E-16	0	0.003678	0	0.000779	0
0.12845	0.000483502	0	7.033E-16	-0.00050949	-7E-16	0	0.003678	0	-0.016	0
0.1285	0.000483686	0	7.034E-16	-0.00050947	-7E-16	0	0.003677	0	0.026372	0
0.12855	0.00048387	0	7.033E-16	-0.0005095	-7E-16	0	0.003678	0	-0.02591	0
0.1286	0.000484054	0	7.032E-16	-0.0005095	-7E-16	0	0.003677	0	0.000947	0
0.12865	0.000484238	0	7.032E-16	-0.00050949	-7E-16	0	0.003677	0	0.010714	0
0.1287	0.000484422	0	7.032E-16	-0.0005095	-7E-16	0	0.003678	0	-0.00619	0
0.12875	0.000484606	0	7.032E-16	-0.00050944	-7E-16	0	0.003677	0	-0.00895	0
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0.12885	0.000484973	0	7.032E-16	-0.00050944	-7E-16	0	0.003677	0	0.00072	0
0.1289	0.000485157	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	-0.00488	0
0.12895	0.000485341	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	0.001704	0
0.129	0.000485525	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	0.000917	0
0.12905	0.000485709	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	-0.0025	0
0.1291	0.000485893	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	0.000616	0
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0.1292	0.00048626	0	7.031E-16	-0.00050945	-7E-16	0	0.003677	0	0.000163	0
0.12925	0.000486444	0	7.031E-16	-0.00050944	-7E-16	0	0.003677	0	-0.00103	0
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0.1294	0.000486996	0	7.031E-16	-0.00050945	-7E-16	0	0.003677	0	0.000643	0
0.12945	0.00048718	0	7.031E-16	-0.00050945	-7E-16	0	0.003677	0	-0.00078	0
0.1295	0.000487363	0	7.031E-16	-0.00050945	-7E-16	0	0.003677	0	-0.00035	0
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0.1296	0.000487731	0	7.03E-16	-0.00050945	-7E-16	0	0.003677	0	-0.00084	0

0.12965	0.000487915	0	8.618E-16	-0.0002852	-7E-16	0	0.003677	0	17.03381	0
0.1297	0.000488141	0	8.618E-16	-0.0002852	-1.1E-15	0	0.004529	0	-13.4429	0
0.12975	0.000488334	0	8.618E-16	-0.0002852	-7.7E-16	0	0.003856	0	2.763901	0
0.1298	0.000488534	0	8.618E-16	-0.0002852	-8.3E-16	0	0.003995	0	4.812308	0
0.12985	0.000488746	0	8.618E-16	-0.0002852	-9.3E-16	0	0.004235	0	-5.21307	0
0.1299	0.000488944	0	8.617E-16	-0.0002852	-8.2E-16	0	0.003975	0	1.712916	0
0.12995	0.000489147	0	8.617E-16	-0.0002852	-8.6E-16	0	0.00406	0	1.335838	0
0.13	0.000489354	0	8.617E-16	-0.0002852	-8.9E-16	0	0.004127	0	-1.90538	0
0.13005	0.000489555	0	8.617E-16	-0.00028521	-8.5E-16	0	0.004032	0	0.811052	0
0.1301	0.000489759	0	8.617E-16	-0.00028521	-8.6E-16	0	0.004072	0	0.334181	0
0.13015	0.000489963	0	8.617E-16	-0.00028521	-8.7E-16	0	0.004089	0	-0.66601	0
0.1302	0.000490166	0	8.617E-16	-0.00028521	-8.6E-16	0	0.004056	0	0.346166	0
0.13025	0.00049037	0	8.617E-16	-0.00028521	-8.6E-16	0	0.004073	0	0.066994	0
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0.13035	0.000490777	0	8.617E-16	-0.00028521	-8.6E-16	0	0.004065	0	0.139964	0
0.1304	0.00049098	0	8.617E-16	-0.00028521	-8.6E-16	0	0.004072	0	0.003912	0
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0.1305	0.000491388	0	8.617E-16	-0.00028522	-8.6E-16	0	0.004069	0	0.053522	0
0.13055	0.000491591	0	8.616E-16	-0.00028521	-8.6E-16	0	0.004071	0	-0.00583	0
0.1306	0.000491795	0	8.616E-16	-0.00028521	-8.6E-16	0	0.004071	0	-0.02268	0
0.13065	0.000491998	0	8.616E-16	-0.00028521	-8.6E-16	0	0.00407	0	0.018743	0
0.1307	0.000492202	0	8.616E-16	-0.00028521	-8.6E-16	0	0.004071	0	-0.00357	0
0.13075	0.000492405	0	8.616E-16	-0.00028522	-8.6E-16	0	0.004071	0	-0.00688	0
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0.13105	0.000493626	0	8.616E-16	-0.00028521	-8.6E-16	0	0.00407	0	0.000605	0
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0.13115	0.000494033	0	8.616E-16	-0.00028521	-8.6E-16	0	0.00407	0	0.001351	0
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0.1313	0.000494644	0	8.615E-16	-0.00028522	-8.6E-16	0	0.00407	0	-0.0005	0
0.13135	0.000494847	0	8.615E-16	-0.00028522	-8.6E-16	0	0.00407	0	-0.00032	0
0.1314	0.000495051	0	8.615E-16	-0.00028522	-8.6E-16	0	0.00407	0	-0.00038	0
0.13145	0.000495254	0	8.615E-16	-0.00028522	-8.6E-16	0	0.00407	0	-0.00122	0
0.1315	0.000495458	0	8.615E-16	-0.00028522	-8.6E-16	0	0.00407	0	0.001187	0
0.13155	0.000495661	0	7.027E-16	-0.0005095	-8.6E-16	0	0.00407	0	-17.0359	0
0.1316	0.000495822	0	7.027E-16	-0.00050949	-5.4E-16	0	0.003218	0	9.086778	0
0.13165	0.000496006	0	7.027E-16	-0.00050949	-7E-16	0	0.003673	0	4.677935	0
0.1317	0.000496201	0	7.027E-16	-0.0005095	-7.9E-16	0	0.003907	0	-7.41931	0
0.13175	0.000496378	0	7.027E-16	-0.00050949	-6.5E-16	0	0.003536	0	1.936166	0
0.1318	0.00049656	0	7.027E-16	-0.0005095	-6.9E-16	0	0.003633	0	2.740774	0
0.13185	0.000496748	0	7.027E-16	-0.0005095	-7.4E-16	0	0.00377	0	-2.51701	0
0.1319	0.00049693	0	7.027E-16	-0.00050951	-6.9E-16	0	0.003644	0	0.057983	0
0.13195	0.000497113	0	7.027E-16	-0.0005095	-6.9E-16	0	0.003647	0	1.227881	0
0.132	0.000497298	0	7.027E-16	-0.0005095	-7.1E-16	0	0.003708	0	-0.70758	0
0.13205	0.000497482	0	7.027E-16	-0.0005095	-7E-16	0	0.003673	0	-0.21944	0
0.1321	0.000497665	0	7.027E-16	-0.0005095	-7E-16	0	0.003662	0	0.473572	0
0.13215	0.000497849	0	7.027E-16	-0.00050951	-7.1E-16	0	0.003685	0	-0.15171	0
0.1322	0.000498033	0	7.027E-16	-0.00050952	-7E-16	0	0.003678	0	-0.15317	0
0.13225	0.000498217	0	7.026E-16	-0.00050952	-7E-16	0	0.00367	0	0.159118	0
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0.13255	0.000499319	0	7.026E-16	-0.00050952	-7E-16	0	0.003675	0	0.010474	0
0.1326	0.000499503	0	8.614E-16	-0.00028524	-7E-16	0	0.003676	0	17.04319	0
0.13265	0.00049973	0	8.613E-16	-0.00028525	-1.1E-15	0	0.004528	0	-13.4466	0
0.1327	0.000499922	0	8.613E-16	-0.00028524	-7.7E-16	0	0.003855	0	2.756046	0
0.13275	0.000500122	0	8.613E-16	-0.00028524	-8.3E-16	0	0.003993	0	4.822328	0
0.1328	0.000500334	0	8.613E-16	-0.00028525	-9.3E-16	0	0.004234	0	-5.21481	0
0.13285	0.000500532	0	8.613E-16	-0.00028525	-8.2E-16	0	0.003974	0	1.706667	0
0.1329	0.000500735	0	8.613E-16	-0.00028525	-8.6E-16	0	0.004059	0	1.342119	0

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0.1331	0.000501551	0	7.025E-16	-0.00050954	-8.7E-16	0	0.004088	0	-17.7009	0
0.13315	0.000501711	0	7.025E-16	-0.00050954	-5.3E-16	0	0.003203	0	9.283314	0
0.1332	0.000501895	0	7.025E-16	-0.00050955	-7E-16	0	0.003667	0	4.982475	0
0.13325	0.000502091	0	8.613E-16	-0.00028526	-8E-16	0	0.003916	0	9.324728	0
0.1333	0.00050231	0	7.025E-16	-0.00050954	-1E-15	0	0.004383	0	-27.1283	0
0.13335	0.000502461	0	7.025E-16	-0.00050955	-4.8E-16	0	0.003026	0	10.71512	0
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0.13345	0.000502885	0	7.025E-16	-0.00050955	-1.3E-15	0	0.004911	0	-45.6941	0
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0.1337	0.000503831	0	8.612E-16	-0.00028526	-8.7E-16	0	0.004099	0	-2.05143	0
0.13375	0.000504031	0	8.612E-16	-0.00028526	-8.3E-16	0	0.003996	0	2.25803	0
0.1338	0.000504236	0	7.024E-16	-0.00050955	-8.8E-16	0	0.004109	0	-17.7285	0
0.13385	0.000504397	0	8.612E-16	-0.00028526	-5.4E-16	0	0.003223	0	25.57763	0
0.1339	0.000504622	0	7.024E-16	-0.00050954	-1.1E-15	0	0.004502	0	-24.9256	0
0.13395	0.000504785	0	7.024E-16	-0.00050954	-5.5E-16	0	0.003256	0	3.765346	0
0.134	0.000504957	0	7.024E-16	-0.00050954	-6.2E-16	0	0.003444	0	11.07302	0
0.13405	0.000505157	0	7.024E-16	-0.00050954	-8.3E-16	0	0.003997	0	-8.26104	0
0.1341	0.000505336	0	7.024E-16	-0.00050954	-6.7E-16	0	0.003584	0	-0.45525	0
0.13415	0.000505515	0	8.611E-16	-0.00028525	-6.6E-16	0	0.003562	0	21.38871	0
0.1342	0.000505746	0	7.024E-16	-0.00050954	-1.1E-15	0	0.004631	0	-33.6105	0
0.13425	0.000505894	0	7.024E-16	-0.00050954	-4.5E-16	0	0.002951	0	9.980027	0
0.1343	0.000506066	0	7.024E-16	-0.00050955	-6.2E-16	0	0.00345	0	13.9551	0
0.13435	0.000506273	0	7.024E-16	-0.00050954	-8.9E-16	0	0.004147	0	-13.6347	0
0.1344	0.000506447	0	8.611E-16	-0.00028525	-6.2E-16	0	0.003466	0	18.56285	0
0.13445	0.000506666	0	7.023E-16	-0.00050954	-1E-15	0	0.004394	0	-23.075	0
0.1345	0.000506828	0	7.023E-16	-0.00050955	-5.5E-16	0	0.00324	0	5.247895	0
0.13455	0.000507004	0	8.611E-16	-0.00028525	-6.4E-16	0	0.003502	0	26.57097	0

0.1346	0.000507245	0	8.611E-16	-0.00028525	-1.2E-15	0	0.004831	0	-24.5408	0
0.13465	0.000507425	0	8.611E-16	-0.00028525	-6.8E-16	0	0.003604	0	7.65032	0
0.1347	0.000507625	0	8.611E-16	-0.00028525	-8.3E-16	0	0.003986	0	7.545033	0
0.13475	0.000507843	0	8.611E-16	-0.00028525	-9.9E-16	0	0.004364	0	-10.0844	0
0.1348	0.000508036	0	8.61E-16	-0.00028525	-7.7E-16	0	0.003859	0	4.234769	0
0.13485	0.000508239	0	8.61E-16	-0.00028525	-8.6E-16	0	0.004071	0	2.024265	0
0.1349	0.000508448	0	8.61E-16	-0.00028525	-9.1E-16	0	0.004172	0	-3.73782	0
0.13495	0.000508647	0	8.61E-16	-0.00028526	-8.3E-16	0	0.003985	0	1.888251	0
0.135	0.000508851	0	8.61E-16	-0.00028526	-8.7E-16	0	0.00408	0	0.451147	0
0.13505	0.000509056	0	8.61E-16	-0.00028526	-8.8E-16	0	0.004102	0	-1.29802	0
0.1351	0.000509258	0	8.61E-16	-0.00028526	-8.5E-16	0	0.004038	0	0.774093	0
0.13515	0.000509462	0	8.889E-16	-0.00017705	-8.6E-16	0	0.004076	0	3.053809	0
0.1352	0.000509673	0	8.889E-16	-0.00017706	-9.3E-16	0	0.004229	0	-2.88209	0
0.13525	0.000509878	0	8.889E-16	-0.00017706	-8.7E-16	0	0.004085	0	0.833964	0
0.1353	0.000510084	0	8.889E-16	-0.00017706	-8.9E-16	0	0.004127	0	0.779627	0
0.13535	0.000510292	0	8.889E-16	-0.00017707	-9E-16	0	0.004166	0	-1.05235	0
0.1354	0.000510498	0	8.889E-16	-0.00017707	-8.8E-16	0	0.004113	0	0.462147	0
0.13545	0.000510705	0	8.889E-16	-0.00017707	-8.9E-16	0	0.004136	0	0.154766	0
0.1355	0.000510912	0	7.337E-16	-0.00040238	-8.9E-16	0	0.004144	0	-17.0081	0
0.13555	0.000511077	0	8.889E-16	-0.00017707	-5.6E-16	0	0.003293	0	26.34944	0
0.1356	0.000511307	0	8.889E-16	-0.00017708	-1.1E-15	0	0.004611	0	-10.0752	0
0.13565	0.000511513	0	8.889E-16	-0.00017708	-8.8E-16	0	0.004107	0	-3.78491	0
0.1357	0.000511708	0	8.888E-16	-0.00017709	-8E-16	0	0.003918	0	7.832317	0
0.13575	0.000511924	0	8.888E-16	-0.00017709	-9.7E-16	0	0.004309	0	-4.33589	0
0.1358	0.000512129	0	8.888E-16	-0.00017709	-8.7E-16	0	0.004093	0	-0.258	0
0.13585	0.000512332	0	8.888E-16	-0.00017709	-8.7E-16	0	0.00408	0	2.368277	0
0.1359	0.000512542	0	8.888E-16	-0.0001771	-9.2E-16	0	0.004198	0	-1.78902	0
0.13595	0.000512748	0	8.888E-16	-0.0001771	-8.8E-16	0	0.004109	0	0.277831	0
0.136	0.000512954	0	8.888E-16	-0.0001771	-8.8E-16	0	0.004123	0	0.67166	0
0.13605	0.000513162	0	8.888E-16	-0.0001771	-9E-16	0	0.004156	0	-0.68258	0
0.1361	0.000513368	0	8.888E-16	-0.0001771	-8.8E-16	0	0.004122	0	0.21576	0
0.13615	0.000513575	0	8.888E-16	-0.00017711	-8.9E-16	0	0.004133	0	0.166776	0
0.1362	0.000513782	0	8.888E-16	-0.00017711	-8.9E-16	0	0.004141	0	-0.24289	0

0.13625	0.000513988	0	8.888E-16	-0.00017712	-8.9E-16	0	0.004129	0	0.11129	0
0.1363	0.000514195	0	8.887E-16	-0.00017712	-8.9E-16	0	0.004135	0	0.031358	0
0.13635	0.000514402	0	8.887E-16	-0.00017713	-8.9E-16	0	0.004136	0	-0.08148	0
0.1364	0.000514608	0	8.887E-16	-0.00017713	-8.9E-16	0	0.004132	0	0.048062	0
0.13645	0.000514815	0	8.887E-16	-0.00017713	-8.9E-16	0	0.004134	0	0.001992	0
0.1365	0.000515022	0	8.887E-16	-0.00017713	-8.9E-16	0	0.004135	0	-0.02644	0
0.13655	0.000515228	0	8.887E-16	-0.00017713	-8.9E-16	0	0.004133	0	0.019217	0
0.1366	0.000515435	0	8.887E-16	-0.00017714	-8.9E-16	0	0.004134	0	-0.0035	0
0.13665	0.000515642	0	8.887E-16	-0.00017714	-8.9E-16	0	0.004134	0	-0.00779	0
0.1367	0.000515848	0	8.887E-16	-0.00017714	-8.9E-16	0	0.004134	0	0.007936	0
0.13675	0.000516055	0	8.887E-16	-0.00017714	-8.9E-16	0	0.004134	0	-0.004	0
0.1368	0.000516262	0	8.887E-16	-0.00017715	-8.9E-16	0	0.004134	0	-0.00155	0
0.13685	0.000516468	0	8.885E-16	-0.00017763	-8.9E-16	0	0.004134	0	-0.01448	0
0.1369	0.000516675	0	8.885E-16	-0.00017764	-8.9E-16	0	0.004133	0	0.012017	0
0.13695	0.000516882	0	8.885E-16	-0.00017764	-8.9E-16	0	0.004134	0	-0.00331	0
0.137	0.000517088	0	8.885E-16	-0.00017764	-8.9E-16	0	0.004134	0	-0.00498	0
0.13705	0.000517295	0	8.885E-16	-0.00017764	-8.9E-16	0	0.004133	0	0.005176	0
0.1371	0.000517502	0	8.885E-16	-0.00017764	-8.9E-16	0	0.004134	0	-0.00244	0
0.13715	0.000517709	0	8.885E-16	-0.00017765	-8.9E-16	0	0.004133	0	-0.00113	0
0.1372	0.000517915	0	8.884E-16	-0.00017765	-8.9E-16	0	0.004133	0	0.000994	0
0.13725	0.000518122	0	8.884E-16	-0.00017765	-8.9E-16	0	0.004133	0	-0.00122	0
0.1373	0.000518329	0	8.884E-16	-0.00017765	-8.9E-16	0	0.004133	0	-0.00035	0
0.13735	0.000518535	0	7.332E-16	-0.00040297	-8.9E-16	0	0.004133	0	-16.6499	0
0.1374	0.0005187	0	8.884E-16	-0.00017766	-5.7E-16	0	0.003301	0	26.20604	0
0.13745	0.000518931	0	7.332E-16	-0.00040298	-1.1E-15	0	0.004611	0	-26.8614	0
0.1375	0.000519094	0	7.332E-16	-0.00040298	-5.6E-16	0	0.003268	0	5.649092	0
0.13755	0.000519272	0	7.332E-16	-0.00040298	-6.6E-16	0	0.00355	0	11.15747	0
0.1376	0.000519477	0	7.332E-16	-0.00040299	-8.8E-16	0	0.004108	0	-9.92885	0
0.13765	0.000519658	0	7.332E-16	-0.00040298	-6.8E-16	0	0.003612	0	0.911976	0
0.1377	0.000519841	0	7.332E-16	-0.00040299	-7E-16	0	0.003658	0	4.48265	0
0.13775	0.000520035	0	7.332E-16	-0.00040299	-7.8E-16	0	0.003882	0	-3.16208	0
0.1378	0.000520221	0	7.332E-16	-0.000403	-7.2E-16	0	0.003724	0	-0.27566	0
0.13785	0.000520406	0	7.332E-16	-0.000403	-7.2E-16	0	0.00371	0	1.738697	0

0.1379	0.000520596	0	7.332E-16	-0.000403	-7.5E-16	0	0.003797	0	-0.89611	0
0.13795	0.000520784	0	7.332E-16	-0.000403	-7.3E-16	0	0.003752	0	-0.32701	0
0.138	0.000520971	0	7.331E-16	-0.00040301	-7.3E-16	0	0.003736	0	0.63955	0
0.13805	0.000521159	0	7.331E-16	-0.00040301	-7.4E-16	0	0.003768	0	-0.21673	0
0.1381	0.000521347	0	7.331E-16	-0.00040301	-7.3E-16	0	0.003757	0	-0.19042	0
0.13815	0.000521534	0	7.347E-16	-0.00040227	-7.3E-16	0	0.003747	0	0.393805	0
0.1382	0.000521722	0	7.347E-16	-0.00040227	-7.4E-16	0	0.003767	0	-0.14074	0
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0.1383	0.000522098	0	7.347E-16	-0.00040227	-7.3E-16	0	0.003754	0	0.137607	0
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0.1384	0.000522474	0	7.347E-16	-0.00040228	-7.4E-16	0	0.00376	0	-0.05303	0
0.13845	0.000522662	0	7.347E-16	-0.00040228	-7.3E-16	0	0.003757	0	0.043623	0
0.1385	0.00052285	0	7.347E-16	-0.00040228	-7.3E-16	0	0.003759	0	0.000767	0
0.13855	0.000523038	0	7.347E-16	-0.00040228	-7.3E-16	0	0.003759	0	-0.02356	0
0.1386	0.000523226	0	7.347E-16	-0.00040229	-7.3E-16	0	0.003758	0	0.013629	0
0.13865	0.000523414	0	7.347E-16	-0.00040229	-7.3E-16	0	0.003759	0	0.001952	0
0.1387	0.000523602	0	7.347E-16	-0.00040229	-7.3E-16	0	0.003759	0	-0.00867	0
0.13875	0.00052379	0	7.347E-16	-0.0004023	-7.3E-16	0	0.003758	0	0.003976	0
0.1388	0.000523978	0	7.346E-16	-0.00040229	-7.3E-16	0	0.003759	0	0.001109	0
0.13885	0.000524166	0	7.346E-16	-0.00040229	-7.3E-16	0	0.003759	0	-0.00415	0
0.1389	0.000524353	0	7.346E-16	-0.0004023	-7.3E-16	0	0.003758	0	0.001604	0
0.13895	0.000524541	0	7.346E-16	-0.0004023	-7.3E-16	0	0.003759	0	0.001001	0
0.139	0.000524729	0	7.346E-16	-0.0004023	-7.3E-16	0	0.003759	0	-0.00148	0
0.13905	0.000524917	0	7.346E-16	-0.0004023	-7.3E-16	0	0.003759	0	-0.00199	0
0.1391	0.000525105	0	7.346E-16	-0.0004023	-7.3E-16	0	0.003758	0	0.001794	0
0.13915	0.000525293	0	7.346E-16	-0.00040231	-7.3E-16	0	0.003759	0	-0.00075	0
0.1392	0.000525481	0	7.346E-16	-0.00040231	-7.3E-16	0	0.003758	0	-0.00156	0
0.13925	0.000525669	0	7.502E-16	-0.00054535	-7.3E-16	0	0.003758	0	1.680911	0
0.1393	0.000525861	0	7.502E-16	-0.00054536	-7.7E-16	0	0.003842	0	-1.0431	0
0.13935	0.000526051	0	7.502E-16	-0.00054536	-7.5E-16	0	0.00379	0	-0.1843	0
0.1394	0.00052624	0	7.502E-16	-0.00054536	-7.4E-16	0	0.003781	0	0.633562	0
0.13945	0.00052643	0	7.502E-16	-0.00054537	-7.6E-16	0	0.003813	0	-0.30092	0
0.1395	0.00052662	0	7.502E-16	-0.00054537	-7.5E-16	0	0.003798	0	-0.12954	0

0.13955	0.00052681	0	7.502E-16	-0.00054537	-7.5E-16	0	0.003791	0	0.229073	0
0.1396	0.000527	0	7.502E-16	-0.00054537	-7.5E-16	0	0.003803	0	-0.07707	0
0.13965	0.00052719	0	7.502E-16	-0.00054538	-7.5E-16	0	0.003799	0	-0.0672	0
0.1397	0.00052738	0	7.502E-16	-0.00054539	-7.5E-16	0	0.003795	0	0.079702	0
0.13975	0.00052757	0	7.502E-16	-0.00054538	-7.5E-16	0	0.003799	0	-0.01702	0
0.1398	0.000527759	0	7.502E-16	-0.00054539	-7.5E-16	0	0.003799	0	-0.03004	0
0.13985	0.000527949	0	7.502E-16	-0.00054539	-7.5E-16	0	0.003797	0	0.026444	0
0.1399	0.000528139	0	7.502E-16	-0.00054539	-7.5E-16	0	0.003798	0	-0.00177	0
0.13995	0.000528329	0	7.501E-16	-0.0005454	-7.5E-16	0	0.003798	0	-0.0134	0
0.14	0.000528519	0	7.501E-16	-0.0005454	-7.5E-16	0	0.003798	0	0.008783	0
0.14005	0.000528709	0	7.501E-16	-0.0005454	-7.5E-16	0	0.003798	0	0.000798	0
0.1401	0.000528899	0	7.501E-16	-0.0005454	-7.5E-16	0	0.003798	0	-0.00566	0
0.14015	0.000529089	0	7.501E-16	-0.00054541	-7.5E-16	0	0.003798	0	0.00227	0
0.1402	0.000529279	0	7.501E-16	-0.00054541	-7.5E-16	0	0.003798	0	0.000312	0
0.14025	0.000529469	0	7.501E-16	-0.00054541	-7.5E-16	0	0.003798	0	-0.00136	0
0.1403	0.000529658	0	7.501E-16	-0.00054542	-7.5E-16	0	0.003798	0	-0.001	0
0.14035	0.000529848	0	7.501E-16	-0.00054542	-7.5E-16	0	0.003798	0	0.000871	0
0.1404	0.000530038	0	7.501E-16	-0.00054542	-7.5E-16	0	0.003798	0	-0.00028	0
0.14045	0.000530228	0	7.501E-16	-0.00054543	-7.5E-16	0	0.003798	0	-0.00177	0
0.1405	0.000530418	0	7.501E-16	-0.00054543	-7.5E-16	0	0.003798	0	0.001144	0
0.14055	0.000530608	0	7.501E-16	-0.00054539	-7.5E-16	0	0.003798	0	-0.00081	0
0.1406	0.000530798	0	7.5E-16	-0.00054539	-7.5E-16	0	0.003798	0	-0.00186	0
0.14065	0.000530988	0	7.5E-16	-0.0005454	-7.5E-16	0	0.003798	0	0.001594	0
0.1407	0.000531178	0	7.5E-16	-0.0005454	-7.5E-16	0	0.003798	0	-0.00051	0
0.14075	0.000531368	0	7.5E-16	-0.0005454	-7.5E-16	0	0.003798	0	-0.00056	0
0.1408	0.000531557	0	7.5E-16	-0.00054541	-7.5E-16	0	0.003798	0	-0.0003	0
0.14085	0.000531747	0	7.5E-16	-0.00054541	-7.5E-16	0	0.003798	0	-0.00135	0
0.1409	0.000531937	0	7.5E-16	-0.00054541	-7.5E-16	0	0.003798	0	0.001235	0
0.14095	0.000532127	0	7.5E-16	-0.00054542	-7.5E-16	0	0.003798	0	-0.00153	0
0.141	0.000532317	0	7.5E-16	-0.00054543	-7.5E-16	0	0.003798	0	-0.00118	0
0.14105	0.000532507	0	7.5E-16	-0.00054543	-7.5E-16	0	0.003798	0	0.000651	0
0.1411	0.000532697	0	7.5E-16	-0.00054543	-7.5E-16	0	0.003798	0	-0.00026	0
0.14115	0.000532887	0	7.5E-16	-0.00054544	-7.5E-16	0	0.003798	0	-0.00189	0

0.1412	0.000533076	0	7.5E-16	-0.00054544	-7.5E-16	0	0.003798	0	0.001812	0
0.14125	0.000533266	0	7.5E-16	-0.00054544	-7.5E-16	0	0.003798	0	-0.00224	0
0.1413	0.000533456	0	7.5E-16	-0.00054545	-7.5E-16	0	0.003798	0	0.001943	0
0.14135	0.000533646	0	7.5E-16	-0.00054545	-7.5E-16	0	0.003798	0	-0.00154	0
0.1414	0.000533836	0	7.499E-16	-0.00054545	-7.5E-16	0	0.003798	0	-0.00034	0
0.14145	0.000534026	0	7.5E-16	-0.00054542	-7.5E-16	0	0.003798	0	0.001203	0
0.1415	0.000534216	0	9.117E-16	-0.00033789	-7.5E-16	0	0.003798	0	17.34945	0
0.14155	0.000534449	0	9.116E-16	-0.00033789	-1.1E-15	0	0.004665	0	-14.9378	0
0.1416	0.000534645	0	9.116E-16	-0.00033789	-8E-16	0	0.003918	0	4.686516	0
0.14165	0.000534853	0	9.116E-16	-0.0003379	-9E-16	0	0.004153	0	3.946309	0
0.1417	0.00053507	0	9.116E-16	-0.0003379	-9.8E-16	0	0.00435	0	-5.7847	0
0.14175	0.000535273	0	9.116E-16	-0.0003379	-8.6E-16	0	0.004061	0	2.921152	0
0.1418	0.000535483	0	9.116E-16	-0.0003379	-9.2E-16	0	0.004207	0	0.536522	0
0.14185	0.000535695	0	9.116E-16	-0.00033791	-9.3E-16	0	0.004233	0	-1.91992	0
0.1419	0.000535902	0	9.116E-16	-0.00033791	-8.9E-16	0	0.004137	0	1.334797	0
0.14195	0.000536112	0	9.116E-16	-0.00033792	-9.2E-16	0	0.004204	0	-0.14564	0
0.142	0.000536322	0	9.116E-16	-0.00033792	-9.2E-16	0	0.004197	0	-0.5452	0
0.14205	0.00053653	0	9.116E-16	-0.00033793	-9E-16	0	0.00417	0	0.527723	0
0.1421	0.00053674	0	9.116E-16	-0.00033793	-9.2E-16	0	0.004196	0	-0.16824	0
0.14215	0.00053695	0	9.116E-16	-0.00033794	-9.1E-16	0	0.004188	0	-0.12411	0
0.1422	0.000537159	0	9.117E-16	-0.00033768	-9.1E-16	0	0.004181	0	0.20303	0
0.14225	0.000537368	0	9.117E-16	-0.00033769	-9.1E-16	0	0.004192	0	-0.10955	0
0.1423	0.000537578	0	9.117E-16	-0.0003377	-9.1E-16	0	0.004186	0	-0.0095	0
0.14235	0.000537787	0	9.117E-16	-0.0003377	-9.1E-16	0	0.004186	0	0.061319	0
0.1424	0.000537996	0	9.117E-16	-0.0003377	-9.1E-16	0	0.004189	0	-0.0473	0
0.14245	0.000538206	0	9.117E-16	-0.0003377	-9.1E-16	0	0.004186	0	0.008256	0
0.1425	0.000538415	0	9.116E-16	-0.0003377	-9.1E-16	0	0.004187	0	0.015694	0
0.14255	0.000538624	0	9.116E-16	-0.00033771	-9.1E-16	0	0.004188	0	-0.01717	0
0.1426	0.000538834	0	9.116E-16	-0.00033771	-9.1E-16	0	0.004187	0	0.005258	0
0.14265	0.000539043	0	9.116E-16	-0.00033772	-9.1E-16	0	0.004187	0	0.002266	0
0.1427	0.000539252	0	9.116E-16	-0.00033772	-9.1E-16	0	0.004187	0	-0.00434	0
0.14275	0.000539462	0	9.116E-16	-0.00033772	-9.1E-16	0	0.004187	0	0.001805	0
0.1428	0.000539671	0	9.116E-16	-0.00033772	-9.1E-16	0	0.004187	0	-1.7E-05	0

0.14285	0.00053988	0	9.116E-16	-0.00033773	-9.1E-16	0	0.004187	0	-0.00155	0
0.1429	0.00054009	0	9.116E-16	-0.00033774	-9.1E-16	0	0.004187	0	0.000364	0
0.14295	0.000540299	0	9.116E-16	-0.00033778	-9.1E-16	0	0.004187	0	0.005961	0
0.143	0.000540508	0	9.116E-16	-0.00033778	-9.1E-16	0	0.004187	0	-0.00643	0
0.14305	0.000540718	0	9.116E-16	-0.00033779	-9.1E-16	0	0.004187	0	0.001895	0
0.1431	0.000540927	0	9.116E-16	-0.00033779	-9.1E-16	0	0.004187	0	-0.00014	0
0.14315	0.000541137	0	9.116E-16	-0.0003378	-9.1E-16	0	0.004187	0	-0.00174	0
0.1432	0.000541346	0	9.116E-16	-0.0003378	-9.1E-16	0	0.004187	0	0.000994	0
0.14325	0.000541555	0	9.116E-16	-0.0003378	-9.1E-16	0	0.004187	0	-0.00135	0
0.1433	0.000541765	0	9.116E-16	-0.0003378	-9.1E-16	0	0.004187	0	-5.6E-05	0
0.14335	0.000541974	0	9.116E-16	-0.00033781	-9.1E-16	0	0.004187	0	0.000361	0
0.1434	0.000542183	0	9.116E-16	-0.00033781	-9.1E-16	0	0.004187	0	-0.00162	0
0.14345	0.000542393	0	9.116E-16	-0.00033781	-9.1E-16	0	0.004187	0	0.000899	0
0.1435	0.000542602	0	9.116E-16	-0.00033781	-9.1E-16	0	0.004187	0	-0.00058	0
0.14355	0.000542811	0	9.116E-16	-0.00033782	-9.1E-16	0	0.004187	0	-0.00035	0
0.1436	0.000543021	0	9.115E-16	-0.00033782	-9.1E-16	0	0.004187	0	-0.0004	0
0.14365	0.00054323	0	9.115E-16	-0.00033782	-9.1E-16	0	0.004187	0	-0.00071	0
0.1437	0.000543439	0	9.115E-16	-0.00033783	-9.1E-16	0	0.004187	0	0.000165	0
0.14375	0.000543649	0	9.115E-16	-0.00033783	-9.1E-16	0	0.004187	0	-0.00086	0
0.1438	0.000543858	0	9.115E-16	-0.00033783	-9.1E-16	0	0.004187	0	0.000249	0
0.14385	0.000544067	0	9.115E-16	-0.00033783	-9.1E-16	0	0.004187	0	-0.00109	0
0.1439	0.000544277	0	9.115E-16	-0.00033783	-9.1E-16	0	0.004187	0	-0.00016	0
0.14395	0.000544486	0	9.115E-16	-0.00033784	-9.1E-16	0	0.004187	0	0.000783	0
0.144	0.000544695	0	9.115E-16	-0.00033784	-9.1E-16	0	0.004187	0	-0.00172	0
0.14405	0.000544905	0	9.115E-16	-0.00033785	-9.1E-16	0	0.004187	0	0.00046	0
0.1441	0.000545114	0	9.115E-16	-0.00033785	-9.1E-16	0	0.004187	0	-0.00071	0
0.14415	0.000545323	0	9.115E-16	-0.00033785	-9.1E-16	0	0.004187	0	-0.00085	0
0.1442	0.000545533	0	9.114E-16	-0.00033785	-9.1E-16	0	0.004187	0	0.000498	0
0.14425	0.000545742	0	9.114E-16	-0.00033785	-9.1E-16	0	0.004187	0	-0.00117	0
0.1443	0.000545951	0	9.114E-16	-0.00033786	-9.1E-16	0	0.004186	0	0.000406	0
0.14435	0.000546161	0	9.114E-16	-0.00033786	-9.1E-16	0	0.004187	0	-0.00124	0
0.1444	0.00054637	0	9.114E-16	-0.00033786	-9.1E-16	0	0.004186	0	-0.00119	0
0.14445	0.000546579	0	9.114E-16	-0.00033787	-9.1E-16	0	0.004186	0	0.00243	0



0.1445	0.000546789	0	9.114E-16	-0.00033787	-9.1E-16	0	0.004187	0	-0.00265	0
0.14455	0.000546998	0	9.114E-16	-0.00033787	-9.1E-16	0	0.004186	0	0.000541	0
0.1446	0.000547207	0	9.114E-16	-0.00033787	-9.1E-16	0	0.004186	0	-0.00014	0
0.14465	0.000547416	0	9.114E-16	-0.00033787	-9.1E-16	0	0.004186	0	-0.00083	0
0.1447	0.000547626	0	9.114E-16	-0.00033788	-9.1E-16	0	0.004186	0	0.000462	0
0.14475	0.000547835	0	9.114E-16	-0.00033788	-9.1E-16	0	0.004186	0	-0.00151	0
0.1448	0.000548044	0	9.114E-16	-0.00033789	-9.1E-16	0	0.004186	0	0.000934	0
0.14485	0.000548254	0	9.113E-16	-0.00033789	-9.1E-16	0	0.004186	0	-0.00155	0
0.1449	0.000548463	0	9.113E-16	-0.0003379	-9.1E-16	0	0.004186	0	-0.00026	0
0.14495	0.000548672	0	9.113E-16	-0.0003379	-9.1E-16	0	0.004186	0	0.000339	0
0.145	0.000548882	0	9.113E-16	-0.0003379	-9.1E-16	0	0.004186	0	-0.0009	0
0.14505	0.000549091	0	9.113E-16	-0.0003379	-9.1E-16	0	0.004186	0	0.000795	0
0.1451	0.0005493	0	9.113E-16	-0.00033791	-9.1E-16	0	0.004186	0	-0.00168	0
0.14515	0.00054951	0	9.113E-16	-0.00033791	-9.1E-16	0	0.004186	0	0.000201	0
0.1452	0.000549719	0	9.113E-16	-0.00033791	-9.1E-16	0	0.004186	0	0.000217	0
0.14525	0.000549928	0	9.113E-16	-0.00033791	-9.1E-16	0	0.004186	0	-0.00127	0
0.1453	0.000550138	0	9.113E-16	-0.00033792	-9.1E-16	0	0.004186	0	-8.8E-05	0
0.14535	0.000550347	0	9.117E-16	-0.00033813	-9.1E-16	0	0.004186	0	0.050019	0
0.1454	0.000550556	0	9.117E-16	-0.00033813	-9.1E-16	0	0.004189	0	-0.04235	0
0.14545	0.000550766	0	9.117E-16	-0.00033813	-9.1E-16	0	0.004187	0	0.010786	0
0.1455	0.000550975	0	9.117E-16	-0.00033814	-9.1E-16	0	0.004187	0	0.010995	0
0.14555	0.000551184	0	9.117E-16	-0.00033814	-9.1E-16	0	0.004188	0	-0.01551	0
0.1456	0.000551394	0	9.117E-16	-0.00033814	-9.1E-16	0	0.004187	0	0.006785	0
0.14565	0.000551603	0	9.117E-16	-0.00033815	-9.1E-16	0	0.004187	0	0.001218	0
0.1457	0.000551812	0	9.117E-16	-0.00033815	-9.1E-16	0	0.004187	0	-0.00565	0
0.14575	0.000552022	0	9.117E-16	-0.00033815	-9.1E-16	0	0.004187	0	0.003989	0
0.1458	0.000552231	0	9.117E-16	-0.00033815	-9.1E-16	0	0.004187	0	-0.00179	0
0.14585	0.00055244	0	9.117E-16	-0.00033815	-9.1E-16	0	0.004187	0	-0.00112	0
0.1459	0.00055265	0	9.117E-16	-0.00033816	-9.1E-16	0	0.004187	0	0.000512	0
0.14595	0.000552859	0	9.117E-16	-0.00033816	-9.1E-16	0	0.004187	0	0.000266	0
0.146	0.000553068	0	9.116E-16	-0.00033816	-9.1E-16	0	0.004187	0	-0.00184	0
0.14605	0.000553278	0	9.116E-16	-0.00033817	-9.1E-16	0	0.004187	0	0.001058	0
0.1461	0.000553487	0	9.116E-16	-0.00033816	-9.1E-16	0	0.004187	0	-0.00092	0

0.14615	0.000553697	0	9.116E-16	-0.00033817	-9.1E-16	0	0.004187	0	-0.0004	0
0.1462	0.000553906	0	9.116E-16	-0.00033817	-9.1E-16	0	0.004187	0	-0.00032	0
0.14625	0.000554115	0	9.116E-16	-0.00033818	-9.1E-16	0	0.004187	0	0.000533	0
0.1463	0.000554325	0	9.116E-16	-0.00033818	-9.1E-16	0	0.004187	0	-0.00277	0
0.14635	0.000554534	0	9.116E-16	-0.00033818	-9.1E-16	0	0.004187	0	0.002043	0
0.1464	0.000554743	0	9.116E-16	-0.00033819	-9.1E-16	0	0.004187	0	-0.00079	0
0.14645	0.000554953	0	9.116E-16	-0.00033819	-9.1E-16	0	0.004187	0	-0.00099	0
0.1465	0.000555162	0	9.116E-16	-0.00033819	-9.1E-16	0	0.004187	0	0.000101	0
0.14655	0.000555371	0	9.116E-16	-0.00033818	-9.1E-16	0	0.004187	0	-0.00041	0
0.1466	0.000555581	0	9.116E-16	-0.00033819	-9.1E-16	0	0.004187	0	-0.00032	0
0.14665	0.00055579	0	9.116E-16	-0.00033819	-9.1E-16	0	0.004187	0	-0.00025	0
0.1467	0.000555999	0	9.115E-16	-0.0003382	-9.1E-16	0	0.004187	0	-0.00069	0
0.14675	0.000556209	0	9.115E-16	-0.0003382	-9.1E-16	0	0.004187	0	0.000218	0
0.1468	0.000556418	0	9.115E-16	-0.0003382	-9.1E-16	0	0.004187	0	-0.00151	0
0.14685	0.000556627	0	9.115E-16	-0.0003382	-9.1E-16	0	0.004187	0	0.000796	0
0.1469	0.000556837	0	9.115E-16	-0.0003382	-9.1E-16	0	0.004187	0	-0.0009	0
0.14695	0.000557046	0	9.115E-16	-0.00033821	-9.1E-16	0	0.004187	0	-0.0001	0
0.147	0.000557255	0	9.115E-16	-0.00033821	-9.1E-16	0	0.004187	0	-0.00066	0
0.14705	0.000557465	0	9.115E-16	-0.00033821	-9.1E-16	0	0.004187	0	-0.00029	0
0.1471	0.000557674	0	9.115E-16	-0.00033822	-9.1E-16	0	0.004187	0	0.000296	0
0.14715	0.000557883	0	9.115E-16	-0.00033822	-9.1E-16	0	0.004187	0	-0.00051	0
0.1472	0.000558093	0	9.115E-16	-0.00033822	-9.1E-16	0	0.004187	0	-0.00123	0
0.14725	0.000558302	0	9.115E-16	-0.00033823	-9.1E-16	0	0.004187	0	0.000974	0
0.1473	0.000558511	0	9.114E-16	-0.00033823	-9.1E-16	0	0.004187	0	-0.00195	0
0.14735	0.000558721	0	9.114E-16	-0.00033823	-9.1E-16	0	0.004186	0	0.000374	0
0.1474	0.00055893	0	9.114E-16	-0.00033823	-9.1E-16	0	0.004187	0	0.000724	0
0.14745	0.000559139	0	9.114E-16	-0.00033823	-9.1E-16	0	0.004187	0	-0.00211	0
0.1475	0.000559349	0	9.114E-16	-0.00033824	-9.1E-16	0	0.004186	0	0.000693	0
0.14755	0.000559558	0	9.114E-16	-0.00033824	-9.1E-16	0	0.004186	0	-0.00023	0
0.1476	0.000559767	0	9.114E-16	-0.00033824	-9.1E-16	0	0.004186	0	-0.00128	0
0.14765	0.000559977	0	9.114E-16	-0.00033825	-9.1E-16	0	0.004186	0	-0.00015	0
0.1477	0.000560186	0	9.114E-16	-0.00033825	-9.1E-16	0	0.004186	0	0.001348	0
0.14775	0.000560395	0	9.114E-16	-0.00033825	-9.1E-16	0	0.004186	0	-0.00159	0

0.1478	0.000560605	0	9.114E-16	-0.00033826	-9.1E-16	0	0.004186	0	-0.00043	0
0.14785	0.000560814	0	9.114E-16	-0.00033826	-9.1E-16	0	0.004186	0	2.97E-05	0
0.1479	0.000561023	0	9.114E-16	-0.00033826	-9.1E-16	0	0.004186	0	-0.0002	0
0.14795	0.000561232	0	9.114E-16	-0.00033827	-9.1E-16	0	0.004186	0	-0.00042	0
0.148	0.000561442	0	9.114E-16	-0.00033827	-9.1E-16	0	0.004186	0	-0.00019	0
0.14805	0.000561651	0	9.113E-16	-0.00033827	-9.1E-16	0	0.004186	0	-0.00285	0
0.1481	0.00056186	0	9.113E-16	-0.00033828	-9.1E-16	0	0.004186	0	0.002316	0
0.14815	0.00056207	0	9.113E-16	-0.00033744	-9.1E-16	0	0.004186	0	-0.004	0
0.1482	0.000562279	0	9.113E-16	-0.00033744	-9.1E-16	0	0.004186	0	0.00165	0
0.14825	0.000562488	0	9.113E-16	-0.00033745	-9.1E-16	0	0.004186	0	0.000175	0
0.1483	0.000562698	0	9.113E-16	-0.00033745	-9.1E-16	0	0.004186	0	-0.00187	0
0.14835	0.000562907	0	9.113E-16	-0.00033745	-9.1E-16	0	0.004186	0	0.000155	0
0.1484	0.000563116	0	9.113E-16	-0.00033745	-9.1E-16	0	0.004186	0	0.000338	0
0.14845	0.000563326	0	9.113E-16	-0.00033746	-9.1E-16	0	0.004186	0	-0.00118	0
0.1485	0.000563535	0	9.113E-16	-0.00033746	-9.1E-16	0	0.004186	0	0.001176	0
0.14855	0.000563744	0	9.112E-16	-0.00033746	-9.1E-16	0	0.004186	0	-0.00194	0
0.1486	0.000563953	0	9.112E-16	-0.00033747	-9.1E-16	0	0.004186	0	0.000385	0
0.14865	0.000564163	0	9.112E-16	-0.00033747	-9.1E-16	0	0.004186	0	-0.00055	0
0.1487	0.000564372	0	9.112E-16	-0.00033747	-9.1E-16	0	0.004186	0	-6.4E-06	0
0.14875	0.000564581	0	7.495E-16	-0.00054511	-9.1E-16	0	0.004186	0	-17.3515	0
0.1488	0.000564747	0	7.495E-16	-0.00054511	-5.7E-16	0	0.003318	0	10.29915	0
0.14885	0.000564939	0	7.495E-16	-0.00054512	-7.6E-16	0	0.003833	0	3.575377	0
0.1489	0.00056514	0	7.495E-16	-0.00054512	-8.4E-16	0	0.004012	0	-7.61327	0
0.14895	0.000565321	0	7.495E-16	-0.00054512	-6.9E-16	0	0.003632	0	3.026566	0
0.149	0.00056551	0	7.495E-16	-0.00054513	-7.4E-16	0	0.003783	0	2.085172	0
0.14905	0.000565705	0	7.495E-16	-0.00054513	-7.9E-16	0	0.003887	0	-2.84819	0
0.1491	0.000565892	0	7.495E-16	-0.00054514	-7.3E-16	0	0.003745	0	0.748765	0
0.14915	0.000566081	0	7.495E-16	-0.00054514	-7.4E-16	0	0.003782	0	0.974489	0
0.1492	0.000566273	0	7.494E-16	-0.00054514	-7.6E-16	0	0.003831	0	-0.98341	0
0.14925	0.000566462	0	7.494E-16	-0.00054514	-7.4E-16	0	0.003782	0	0.12584	0
0.1493	0.000566651	0	7.494E-16	-0.00054515	-7.5E-16	0	0.003788	0	0.413597	0
0.14935	0.000566841	0	7.494E-16	-0.00054515	-7.5E-16	0	0.003809	0	-0.31952	0
0.1494	0.000567031	0	7.494E-16	-0.00054515	-7.5E-16	0	0.003793	0	-0.00919	0

0.14945	0.000567221	0	7.494E-16	-0.00054516	-7.5E-16	0	0.003792	0	0.16469	0
0.1495	0.000567411	0	7.494E-16	-0.00054516	-7.5E-16	0	0.0038	0	-0.09813	0
0.14955	0.000567601	0	7.494E-16	-0.00054516	-7.5E-16	0	0.003796	0	-0.02209	0
0.1496	0.00056779	0	7.494E-16	-0.00054516	-7.5E-16	0	0.003794	0	0.06193	0
0.14965	0.00056798	0	7.494E-16	-0.00054517	-7.5E-16	0	0.003798	0	-0.02866	0
0.1497	0.00056817	0	7.494E-16	-0.00054517	-7.5E-16	0	0.003796	0	-0.01336	0
0.14975	0.00056836	0	7.494E-16	-0.00054517	-7.5E-16	0	0.003795	0	0.021947	0
0.1498	0.00056855	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003797	0	-0.00746	0
0.14985	0.000568739	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003796	0	-0.00738	0
0.1499	0.000568929	0	7.494E-16	-0.00054519	-7.5E-16	0	0.003796	0	0.007975	0
0.14995	0.000569119	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003796	0	-0.00175	0
0.15	0.000569309	0	7.493E-16	-0.00054518	-7.5E-16	0	0.003796	0	-0.00392	0
0.15005	0.000569499	0	7.493E-16	-0.00054519	-7.5E-16	0	0.003796	0	0.001829	0
0.1501	0.000569688	0	7.495E-16	-0.00054513	-7.5E-16	0	0.003796	0	0.015569	0
0.15015	0.000569878	0	7.493E-16	-0.00054519	-7.5E-16	0	0.003797	0	-0.0265	0
0.1502	0.000570068	0	7.494E-16	-0.00054514	-7.5E-16	0	0.003795	0	0.022748	0
0.15025	0.000570258	0	7.494E-16	-0.00054514	-7.5E-16	0	0.003797	0	-0.0014	0
0.1503	0.000570448	0	7.494E-16	-0.00054514	-7.5E-16	0	0.003797	0	-0.01139	0
0.15035	0.000570637	0	7.494E-16	-0.00054514	-7.5E-16	0	0.003796	0	0.007051	0
0.1504	0.000570827	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003796	0	0.001409	0
0.15045	0.000571017	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003796	0	-0.00509	0
0.1505	0.000571207	0	7.494E-16	-0.00054518	-7.5E-16	0	0.003796	0	0.001802	0
0.15055	0.000571397	0	7.494E-16	-0.00054519	-7.5E-16	0	0.003796	0	0.000552	0
0.1506	0.000571586	0	7.494E-16	-0.00054519	-7.5E-16	0	0.003796	0	-0.00148	0
0.15065	0.000571776	0	7.494E-16	-0.00054519	-7.5E-16	0	0.003796	0	-0.00017	0
0.1507	0.000571966	0	7.494E-16	-0.00054519	-7.5E-16	0	0.003796	0	0.000587	0
0.15075	0.000572156	0	7.494E-16	-0.0005452	-7.5E-16	0	0.003796	0	-0.00145	0
0.1508	0.000572346	0	7.494E-16	-0.00054521	-7.5E-16	0	0.003796	0	1.63E-05	0
0.15085	0.000572535	0	7.494E-16	-0.0005452	-7.5E-16	0	0.003796	0	2.96E-05	0
0.1509	0.000572725	0	7.494E-16	-0.0005453	-7.5E-16	0	0.003796	0	0.000518	0
0.15095	0.000572915	0	7.496E-16	-0.0005455	-7.5E-16	0	0.003796	0	0.020969	0
0.151	0.000573105	0	7.496E-16	-0.0005455	-7.5E-16	0	0.003797	0	-0.01527	0
0.15105	0.000573295	0	7.496E-16	-0.00054551	-7.5E-16	0	0.003796	0	-0.00103	0

0.1511	0.000573485	0	7.496E-16	-0.00054551	-7.5E-16	0	0.003796	0	0.007655	0
0.15115	0.000573674	0	7.495E-16	-0.00054552	-7.5E-16	0	0.003797	0	-0.00543	0
0.1512	0.000573864	0	7.495E-16	-0.00054552	-7.5E-16	0	0.003796	0	-0.00168	0
0.15125	0.000574054	0	7.495E-16	-0.00054552	-7.5E-16	0	0.003796	0	0.003378	0
0.1513	0.000574244	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003797	0	-0.00098	0
0.15135	0.000574434	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003797	0	-0.00284	0
0.1514	0.000574624	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003796	0	0.00224	0
0.15145	0.000574813	0	7.495E-16	-0.00054554	-7.5E-16	0	0.003796	0	-0.00139	0
0.1515	0.000575003	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003796	0	0.004586	0
0.15155	0.000575193	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003797	0	-0.00337	0
0.1516	0.000575383	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003796	0	-0.00091	0
0.15165	0.000575573	0	7.495E-16	-0.00054553	-7.5E-16	0	0.003796	0	0.00162	0
0.1517	0.000575762	0	7.495E-16	-0.00054554	-7.5E-16	0	0.003797	0	-0.00084	0
0.15175	0.000575952	0	7.495E-16	-0.00054554	-7.5E-16	0	0.003796	0	-0.00109	0
0.1518	0.000576142	0	7.495E-16	-0.00054555	-7.5E-16	0	0.003796	0	0.000571	0
0.15185	0.000576332	0	7.495E-16	-0.00054555	-7.5E-16	0	0.003796	0	-0.00066	0
0.1519	0.000576522	0	7.495E-16	-0.00054555	-7.5E-16	0	0.003796	0	-0.0016	0
0.15195	0.000576712	0	7.495E-16	-0.00054555	-7.5E-16	0	0.003796	0	0.001705	0
0.152	0.000576901	0	7.495E-16	-0.00054555	-7.5E-16	0	0.003796	0	-0.00167	0
0.15205	0.000577091	0	7.495E-16	-0.00054556	-7.5E-16	0	0.003796	0	-0.00018	0
0.1521	0.000577281	0	7.495E-16	-0.00054556	-7.5E-16	0	0.003796	0	-7.4E-05	0
0.15215	0.000577471	0	7.495E-16	-0.00054556	-7.5E-16	0	0.003796	0	-0.00026	0
0.1522	0.000577661	0	7.494E-16	-0.00054556	-7.5E-16	0	0.003796	0	-0.00092	0
0.15225	0.00057785	0	7.494E-16	-0.00054557	-7.5E-16	0	0.003796	0	-0.00028	0
0.1523	0.00057804	0	7.494E-16	-0.00054557	-7.5E-16	0	0.003796	0	0.001127	0
0.15235	0.00057823	0	7.494E-16	-0.00054557	-7.5E-16	0	0.003796	0	-0.00128	0
0.1524	0.00057842	0	7.494E-16	-0.00054557	-7.5E-16	0	0.003796	0	-0.00062	0
0.15245	0.00057861	0	7.494E-16	-0.00054558	-7.5E-16	0	0.003796	0	0.00028	0
0.1525	0.0005788	0	7.494E-16	-0.00054558	-7.5E-16	0	0.003796	0	-0.00058	0
0.15255	0.000578989	0	7.494E-16	-0.00054559	-7.5E-16	0	0.003796	0	-0.00145	0
0.1526	0.000579179	0	7.494E-16	-0.00054559	-7.5E-16	0	0.003796	0	0.001401	0
0.15265	0.000579369	0	7.494E-16	-0.0005456	-7.5E-16	0	0.003796	0	-0.00095	0
0.1527	0.000579559	0	7.494E-16	-0.0005456	-7.5E-16	0	0.003796	0	-0.00077	0

0.15275	0.000579749	0	7.494E-16	-0.0005456	-7.5E-16	0	0.003796	0	-0.00027	0
0.1528	0.000579938	0	7.494E-16	-0.0005456	-7.5E-16	0	0.003796	0	0.000826	0
0.15285	0.000580128	0	7.494E-16	-0.0005456	-7.5E-16	0	0.003796	0	-0.00239	0
0.1529	0.000580318	0	7.494E-16	-0.00054561	-7.5E-16	0	0.003796	0	0.000513	0
0.15295	0.000580508	0	7.493E-16	-0.00054561	-7.5E-16	0	0.003796	0	0.000651	0
0.153	0.000580698	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	-0.0009	0
0.15305	0.000580887	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	-0.00084	0
0.1531	0.000581077	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	-0.0003	0
0.15315	0.000581267	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	0.000218	0
0.1532	0.000581457	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	-0.00099	0
0.15325	0.000581647	0	7.493E-16	-0.00054562	-7.5E-16	0	0.003796	0	-0.0002	0
0.1533	0.000581836	0	7.493E-16	-0.00054563	-7.5E-16	0	0.003796	0	-0.00046	0
0.15335	0.000582026	0	7.493E-16	-0.00054563	-7.5E-16	0	0.003796	0	0.000318	0
0.1534	0.000582216	0	7.493E-16	-0.00054563	-7.5E-16	0	0.003796	0	-0.00144	0
0.15345	0.000582406	0	7.493E-16	-0.00054563	-7.5E-16	0	0.003796	0	0.001007	0
0.1535	0.000582596	0	7.493E-16	-0.00054564	-7.5E-16	0	0.003796	0	-0.00101	0
0.15355	0.000582785	0	7.493E-16	-0.00054565	-7.5E-16	0	0.003796	0	0.000511	0
0.1536	0.000582975	0	7.493E-16	-0.00054565	-7.5E-16	0	0.003796	0	-0.00204	0
0.15365	0.000583165	0	7.493E-16	-0.00054565	-7.5E-16	0	0.003796	0	0.000565	0
0.1537	0.000583355	0	7.492E-16	-0.00054566	-7.5E-16	0	0.003796	0	-8.6E-05	0
0.15375	0.000583545	0	7.492E-16	-0.00054566	-7.5E-16	0	0.003796	0	-0.00033	0
0.1538	0.000583734	0	7.492E-16	-0.00054566	-7.5E-16	0	0.003796	0	-0.0014	0
0.15385	0.000583924	0	7.492E-16	-0.00054567	-7.5E-16	0	0.003796	0	0.001223	0
0.1539	0.000584114	0	7.492E-16	-0.00054567	-7.5E-16	0	0.003796	0	-0.0005	0
0.15395	0.000584304	0	7.492E-16	-0.00054567	-7.5E-16	0	0.003796	0	-0.00096	0
0.154	0.000584493	0	7.492E-16	-0.00054567	-7.5E-16	0	0.003796	0	0.00058	0
0.15405	0.000584683	0	7.492E-16	-0.00054568	-7.5E-16	0	0.003796	0	-0.00149	0
0.1541	0.000584873	0	8.37E-16	-0.00049504	-7.5E-16	0	0.003796	0	9.423618	0
0.15415	0.000585086	0	7.492E-16	-0.00054568	-9.5E-16	0	0.004267	0	-16.4841	0
0.1542	0.000585258	0	8.37E-16	-0.00049504	-6.2E-16	0	0.003443	0	15.438	0
0.15425	0.000585469	0	7.492E-16	-0.00054569	-9.2E-16	0	0.004215	0	-11.0035	0
0.1543	0.000585652	0	7.492E-16	-0.0005457	-7E-16	0	0.003664	0	-0.03868	0
0.15435	0.000585836	0	7.492E-16	-0.0005457	-7E-16	0	0.003662	0	5.521767	0

0.1544	0.000586032	0	7.492E-16	-0.0005457	-8.1E-16	0	0.003939	0	-3.40773	0
0.15445	0.000586221	0	7.492E-16	-0.0005457	-7.4E-16	0	0.003768	0	-0.54585	0
0.1545	0.000586408	0	8.37E-16	-0.00049608	-7.3E-16	0	0.003741	0	11.45778	0
0.15455	0.000586624	0	7.492E-16	-0.00054672	-9.7E-16	0	0.004314	0	-17.7105	0
0.1546	0.000586795	0	7.492E-16	-0.00054672	-6.1E-16	0	0.003428	0	5.955887	0
0.15465	0.000586981	0	7.492E-16	-0.00054672	-7.2E-16	0	0.003726	0	5.901544	0
0.1547	0.000587182	0	7.492E-16	-0.00054672	-8.4E-16	0	0.004021	0	-6.88113	0
0.15475	0.000587366	0	7.492E-16	-0.00054673	-7E-16	0	0.003677	0	1.505303	0
0.1548	0.000587554	0	7.492E-16	-0.00054673	-7.3E-16	0	0.003752	0	2.577724	0
0.15485	0.000587748	0	8.37E-16	-0.00049609	-7.8E-16	0	0.003881	0	7.046556	0
0.1549	0.00058796	0	7.492E-16	-0.00054674	-9.3E-16	0	0.004233	0	-16.0951	0
0.15495	0.000588131	0	8.37E-16	-0.0004961	-6.1E-16	0	0.003429	0	16.16088	0
0.155	0.000588343	0	7.491E-16	-0.00054674	-9.3E-16	0	0.004237	0	-11.6954	0
0.15505	0.000588525	0	8.37E-16	-0.0004961	-6.9E-16	0	0.003652	0	9.539275	0
0.1551	0.000588732	0	7.491E-16	-0.00054675	-8.9E-16	0	0.004129	0	-9.97415	0
0.15515	0.000588913	0	7.491E-16	-0.00054675	-6.9E-16	0	0.00363	0	1.859005	0
0.1552	0.0005891	0	7.491E-16	-0.00054675	-7.2E-16	0	0.003723	0	3.960842	0
0.15525	0.000589296	0	8.369E-16	-0.00049611	-8E-16	0	0.003921	0	5.987636	0
0.1553	0.000589507	0	7.491E-16	-0.00054676	-9.3E-16	0	0.004221	0	-16.0245	0
0.15535	0.000589678	0	7.491E-16	-0.00054676	-6.1E-16	0	0.003419	0	7.124196	0
0.1554	0.000589866	0	8.369E-16	-0.00049612	-7.4E-16	0	0.003776	0	13.82114	0
0.15545	0.00059009	0	7.491E-16	-0.00054678	-1E-15	0	0.004467	0	-24.036	0
0.1555	0.000590253	0	7.491E-16	-0.00054677	-5.5E-16	0	0.003265	0	8.879911	0
0.15555	0.000590438	0	7.491E-16	-0.00054678	-7.2E-16	0	0.003709	0	8.060716	0
0.1556	0.000590644	0	7.491E-16	-0.00054678	-8.8E-16	0	0.004112	0	-9.93699	0
0.15565	0.000590825	0	8.369E-16	-0.00049614	-6.8E-16	0	0.003615	0	11.90824	0
0.1557	0.000591035	0	7.49E-16	-0.00054678	-9.2E-16	0	0.00421	0	-12.5918	0
0.15575	0.000591214	0	7.49E-16	-0.00054676	-6.7E-16	0	0.003581	0	2.527678	0
0.1558	0.0005914	0	7.49E-16	-0.00054676	-7.1E-16	0	0.003707	0	4.946985	0
0.15585	0.000591597	0	7.49E-16	-0.00054675	-8.1E-16	0	0.003955	0	-4.41806	0
0.1559	0.000591784	0	7.49E-16	-0.00054676	-7.2E-16	0	0.003734	0	0.376295	0
0.15595	0.000591972	0	7.49E-16	-0.00054676	-7.3E-16	0	0.003753	0	1.986055	0
0.156	0.000592164	0	7.49E-16	-0.00054676	-7.7E-16	0	0.003852	0	-1.42272	0

0.15605	0.000592353	0	7.49E-16	-0.00054677	-7.4E-16	0	0.003781	0	-0.09788	0
0.1561	0.000592542	0	7.49E-16	-0.00054677	-7.4E-16	0	0.003776	0	0.769058	0
0.15615	0.000592733	0	7.49E-16	-0.00054676	-7.6E-16	0	0.003814	0	-0.42128	0
0.1562	0.000592923	0	7.49E-16	-0.00054678	-7.5E-16	0	0.003793	0	-0.12408	0
0.15625	0.000593112	0	7.49E-16	-0.00054678	-7.5E-16	0	0.003787	0	0.287034	0
0.1563	0.000593302	0	7.49E-16	-0.00054678	-7.5E-16	0	0.003801	0	-0.11607	0
0.15635	0.000593492	0	7.49E-16	-0.00054678	-7.5E-16	0	0.003796	0	-0.07244	0
0.1564	0.000593681	0	7.49E-16	-0.00054679	-7.5E-16	0	0.003792	0	0.102515	0
0.15645	0.000593871	0	7.49E-16	-0.00054679	-7.5E-16	0	0.003797	0	-0.02848	0
0.1565	0.000594061	0	7.49E-16	-0.00054679	-7.5E-16	0	0.003796	0	-0.03509	0
0.15655	0.000594251	0	7.49E-16	-0.0005468	-7.5E-16	0	0.003794	0	0.035933	0
0.1566	0.00059444	0	7.49E-16	-0.0005468	-7.5E-16	0	0.003796	0	-0.00553	0
0.15665	0.00059463	0	7.49E-16	-0.0005468	-7.5E-16	0	0.003795	0	-0.01393	0
0.1567	0.00059482	0	7.49E-16	-0.0005468	-7.5E-16	0	0.003795	0	0.009251	0
0.15675	0.00059501	0	7.49E-16	-0.00054681	-7.5E-16	0	0.003795	0	0.000622	0
0.1568	0.000595199	0	8.368E-16	-0.00049616	-7.5E-16	0	0.003795	0	9.418214	0
0.15685	0.000595413	0	7.489E-16	-0.00054681	-9.5E-16	0	0.004266	0	-16.478	0
0.1569	0.000595585	0	7.489E-16	-0.00054682	-6.2E-16	0	0.003442	0	6.007705	0
0.15695	0.000595772	0	7.489E-16	-0.00054682	-7.3E-16	0	0.003743	0	5.208892	0
0.157	0.000595972	0	7.489E-16	-0.00054682	-8.3E-16	0	0.004003	0	-6.44751	0
0.15705	0.000596156	0	7.489E-16	-0.00054683	-7E-16	0	0.003681	0	1.544008	0
0.1571	0.000596344	0	7.489E-16	-0.00054683	-7.3E-16	0	0.003758	0	2.334578	0
0.15715	0.000596538	0	7.489E-16	-0.00054683	-7.8E-16	0	0.003875	0	-2.2416	0
0.1572	0.000596726	0	7.489E-16	-0.00054684	-7.4E-16	0	0.003762	0	0.245858	0
0.15725	0.000596915	0	7.489E-16	-0.00054684	-7.4E-16	0	0.003775	0	0.971904	0
0.1573	0.000597106	0	7.489E-16	-0.00054684	-7.6E-16	0	0.003823	0	-0.7266	0
0.15735	0.000597295	0	7.489E-16	-0.00054684	-7.5E-16	0	0.003787	0	-0.03346	0
0.1574	0.000597484	0	7.489E-16	-0.00054685	-7.5E-16	0	0.003785	0	0.383372	0
0.15745	0.000597675	0	8.367E-16	-0.0004962	-7.5E-16	0	0.003805	0	9.202887	0
0.1575	0.000597888	0	7.488E-16	-0.00054685	-9.5E-16	0	0.004265	0	-16.5295	0
0.15755	0.00059806	0	7.488E-16	-0.00054686	-6.1E-16	0	0.003438	0	6.125209	0
0.1576	0.000598247	0	7.488E-16	-0.00054686	-7.3E-16	0	0.003744	0	5.178587	0
0.15765	0.000598447	0	8.367E-16	-0.00049621	-8.3E-16	0	0.004003	0	2.935112	0



0.1577	0.000598655	0	7.488E-16	-0.00054687	-9E-16	0	0.00415	0	-14.2883	0
0.15775	0.000598826	0	7.488E-16	-0.00054687	-6.1E-16	0	0.003436	0	7.337461	0
0.1578	0.000599017	0	7.488E-16	-0.00054687	-7.5E-16	0	0.003803	0	3.333243	0
0.15785	0.000599215	0	8.366E-16	-0.00049623	-8.2E-16	0	0.003969	0	3.527111	0
0.1579	0.000599422	0	7.488E-16	-0.00054687	-8.9E-16	0	0.004146	0	-13.7858	0
0.15795	0.000599595	0	7.488E-16	-0.00054688	-6.2E-16	0	0.003456	0	6.79381	0
0.158	0.000599785	0	8.366E-16	-0.00049623	-7.5E-16	0	0.003796	0	12.76149	0
0.15805	0.000600007	0	8.366E-16	-0.00049623	-1E-15	0	0.004434	0	-13.5553	0
0.1581	0.000600195	0	7.488E-16	-0.00054689	-7.3E-16	0	0.003756	0	-5.16569	0
0.15815	0.000600369	0	8.366E-16	-0.00049624	-6.4E-16	0	0.003498	0	18.90607	0
0.1582	0.000600592	0	7.488E-16	-0.00054689	-1E-15	0	0.004443	0	-20.3684	0
0.15825	0.000600763	0	7.488E-16	-0.0005469	-6.1E-16	0	0.003425	0	4.703927	0
0.1583	0.000600946	0	8.366E-16	-0.00049625	-7E-16	0	0.00366	0	17.36594	0
0.15835	0.000601172	0	8.366E-16	-0.00049625	-1.1E-15	0	0.004528	0	-15.975	0
0.1584	0.000601359	0	7.487E-16	-0.00054691	-7.2E-16	0	0.00373	0	-5.26764	0
0.15845	0.000601532	0	7.487E-16	-0.00054691	-6.2E-16	0	0.003466	0	10.6607	0
0.1585	0.000601732	0	7.487E-16	-0.00054691	-8.3E-16	0	0.003999	0	-3.57971	0
0.15855	0.000601923	0	7.487E-16	-0.00054692	-7.6E-16	0	0.00382	0	-2.89125	0
0.1586	0.000602107	0	8.365E-16	-0.00049627	-7E-16	0	0.003676	0	12.92364	0
0.15865	0.000602323	0	7.487E-16	-0.00054692	-9.7E-16	0	0.004322	0	-17.4297	0
0.1587	0.000602495	0	7.487E-16	-0.00054693	-6.2E-16	0	0.00345	0	5.186688	0
0.15875	0.000602681	0	7.487E-16	-0.00054692	-7.2E-16	0	0.00371	0	6.132915	0
0.1588	0.000602882	0	7.487E-16	-0.00054693	-8.4E-16	0	0.004016	0	-6.61399	0
0.15885	0.000603066	0	8.365E-16	-0.00049628	-7.1E-16	0	0.003686	0	10.64901	0
0.1589	0.000603277	0	8.365E-16	-0.00049629	-9.3E-16	0	0.004218	0	-4.20185	0
0.15895	0.000603477	0	7.487E-16	-0.00054694	-8.4E-16	0	0.004008	0	-11.4098	0
0.159	0.000603649	0	8.365E-16	-0.00049629	-6.1E-16	0	0.003438	0	18.11103	0
0.15905	0.000603866	0	8.365E-16	-0.00049629	-9.8E-16	0	0.004343	0	-6.44263	0
0.1591	0.000604067	0	8.365E-16	-0.0004963	-8.4E-16	0	0.004021	0	-3.6871	0
0.15915	0.000604259	0	8.365E-16	-0.0004963	-7.7E-16	0	0.003837	0	5.77297	0
0.1592	0.000604466	0	8.365E-16	-0.00049631	-8.8E-16	0	0.004125	0	-2.32114	0
0.15925	0.000604666	0	8.364E-16	-0.00049631	-8.4E-16	0	0.004009	0	-1.10205	0
0.1593	0.000604864	0	7.486E-16	-0.00054697	-8.1E-16	0	0.003954	0	-7.46887	0

0.15935	0.000605043	0	8.364E-16	-0.00049632	-6.7E-16	0	0.003581	0	14.47159	0
0.1594	0.000605258	0	7.486E-16	-0.00054697	-9.6E-16	0	0.004304	0	-15.818	0
0.15945	0.000605434	0	7.486E-16	-0.00054702	-6.4E-16	0	0.003513	0	3.539677	0
0.1595	0.000605618	0	7.486E-16	-0.00054703	-7.1E-16	0	0.00369	0	6.103494	0
0.15955	0.000605818	0	7.486E-16	-0.00054703	-8.3E-16	0	0.003996	0	-5.70246	0
0.1596	0.000606003	0	8.364E-16	-0.00049638	-7.2E-16	0	0.00371	0	10.07898	0
0.15965	0.000606214	0	7.486E-16	-0.00054703	-9.2E-16	0	0.004214	0	-13.7395	0
0.1597	0.000606391	0	8.364E-16	-0.00049638	-6.5E-16	0	0.003527	0	13.45032	0
0.15975	0.000606601	0	8.364E-16	-0.00049639	-9.2E-16	0	0.0042	0	-1.9516	0
0.1598	0.000606806	0	8.364E-16	-0.00049639	-8.8E-16	0	0.004102	0	-5.13358	0
0.15985	0.000606998	0	8.364E-16	-0.00049639	-7.7E-16	0	0.003846	0	4.657815	0
0.1599	0.000607202	0	7.486E-16	-0.00054705	-8.7E-16	0	0.004079	0	-10.1694	0
0.15995	0.00060738	0	8.364E-16	-0.0004964	-6.6E-16	0	0.00357	0	13.54134	0
0.16	0.000607593	0	8.364E-16	-0.0004964	-9.4E-16	0	0.004247	0	-4.13644	0
0.16005	0.000607795	0	8.364E-16	-0.00049641	-8.5E-16	0	0.00404	0	-3.41202	0
0.1601	0.000607988	0	8.364E-16	-0.00049641	-7.8E-16	0	0.00387	0	4.478517	0
0.16015	0.000608193	0	8.364E-16	-0.00049641	-8.7E-16	0	0.004094	0	-1.52715	0
0.1602	0.000608394	0	7.485E-16	-0.00054708	-8.4E-16	0	0.004017	0	-10.4995	0
0.16025	0.000608568	0	7.485E-16	-0.00054708	-6.3E-16	0	0.003492	0	7.010484	0
0.1603	0.000608761	0	8.363E-16	-0.00049642	-7.7E-16	0	0.003843	0	10.8439	0
0.16035	0.00060898	0	8.363E-16	-0.00049643	-1E-15	0	0.004385	0	-12.1316	0
0.1604	0.000609169	0	8.363E-16	-0.00049643	-7.4E-16	0	0.003778	0	4.009494	0
0.16045	0.000609368	0	8.363E-16	-0.00049643	-8.2E-16	0	0.003979	0	3.401604	0
0.1605	0.000609575	0	8.363E-16	-0.00049644	-9E-16	0	0.004149	0	-4.61603	0
0.16055	0.000609771	0	8.363E-16	-0.00049644	-8E-16	0	0.003918	0	1.763656	0
0.1606	0.000609971	0	8.363E-16	-0.00049644	-8.3E-16	0	0.004006	0	1.053582	0
0.16065	0.000610174	0	7.485E-16	-0.0005471	-8.6E-16	0	0.004059	0	-11.0979	0
0.1607	0.00061035	0	7.484E-16	-0.0005471	-6.4E-16	0	0.003504	0	6.241853	0
0.16075	0.00061054	0	7.484E-16	-0.00054711	-7.6E-16	0	0.003816	0	2.163209	0
0.1608	0.000610737	0	7.484E-16	-0.00054711	-8E-16	0	0.003924	0	-4.54792	0
0.16085	0.000610921	0	7.484E-16	-0.00054711	-7.1E-16	0	0.003697	0	1.765696	0
0.1609	0.000611111	0	7.484E-16	-0.00054712	-7.5E-16	0	0.003785	0	1.235601	0
0.16095	0.000611303	0	7.484E-16	-0.00054712	-7.7E-16	0	0.003847	0	-1.66177	0

0.161	0.000611491	0	8.363E-16	-0.00049647	-7.4E-16	0	0.003764	0	9.843877	0
0.16105	0.000611704	0	7.484E-16	-0.00054713	-9.4E-16	0	0.004256	0	-15.8554	0
0.1611	0.000611877	0	7.484E-16	-0.00054712	-6.2E-16	0	0.003463	0	5.441162	0
0.16115	0.000612064	0	8.362E-16	-0.00049647	-7.3E-16	0	0.003736	0	14.58582	0
0.1612	0.000612287	0	8.362E-16	-0.00049647	-1E-15	0	0.004465	0	-14.2098	0
0.16125	0.000612475	0	8.362E-16	-0.00049647	-7.3E-16	0	0.003754	0	3.972779	0
0.1613	0.000612673	0	7.484E-16	-0.00054714	-8.1E-16	0	0.003953	0	-4.90373	0
0.16135	0.000612858	0	8.362E-16	-0.00049648	-7.1E-16	0	0.003708	0	10.56295	0
0.1614	0.00061307	0	7.483E-16	-0.00054714	-9.3E-16	0	0.004236	0	-14.5388	0
0.16145	0.000613245	0	7.483E-16	-0.00054714	-6.4E-16	0	0.003509	0	4.323187	0
0.1615	0.000613432	0	7.483E-16	-0.00054715	-7.2E-16	0	0.003725	0	5.029006	0
0.16155	0.00061363	0	7.483E-16	-0.00054715	-8.2E-16	0	0.003977	0	-5.42484	0
0.1616	0.000613816	0	8.362E-16	-0.0004965	-7.1E-16	0	0.003705	0	10.39939	0
0.16165	0.000614027	0	7.483E-16	-0.00054716	-9.3E-16	0	0.004225	0	-14.1235	0
0.1617	0.000614203	0	8.362E-16	-0.0004965	-6.4E-16	0	0.003519	0	13.55512	0
0.16175	0.000614413	0	7.484E-16	-0.00054712	-9.2E-16	0	0.004197	0	-11.204	0
0.1618	0.000614595	0	8.362E-16	-0.00049647	-6.9E-16	0	0.003637	0	10.32639	0
0.16185	0.000614802	0	7.484E-16	-0.00054713	-9E-16	0	0.004153	0	-10.7761	0
0.1619	0.000614983	0	7.483E-16	-0.00054713	-6.8E-16	0	0.003614	0	2.022928	0
0.16195	0.000615169	0	7.483E-16	-0.00054714	-7.2E-16	0	0.003715	0	4.284552	0
0.162	0.000615365	0	7.483E-16	-0.00054714	-8E-16	0	0.00393	0	-3.7231	0
0.16205	0.000615552	0	8.362E-16	-0.00049648	-7.3E-16	0	0.003743	0	9.667539	0
0.1621	0.000615764	0	7.477E-16	-0.00054711	-9.3E-16	0	0.004227	0	-14.6277	0
0.16215	0.000615938	0	7.477E-16	-0.00054711	-6.4E-16	0	0.003495	0	4.737203	0
0.1622	0.000616125	0	7.477E-16	-0.00054711	-7.2E-16	0	0.003732	0	4.866963	0
0.16225	0.000616324	0	7.477E-16	-0.00054712	-8.2E-16	0	0.003976	0	-5.53522	0
0.1623	0.000616509	0	7.476E-16	-0.00054712	-7.1E-16	0	0.003699	0	1.113968	0
0.16235	0.000616696	0	7.476E-16	-0.00054712	-7.3E-16	0	0.003755	0	2.121589	0
0.1624	0.000616889	0	8.355E-16	-0.00049647	-7.8E-16	0	0.003861	0	7.544095	0
0.16245	0.000617101	0	8.355E-16	-0.00049647	-9.3E-16	0	0.004238	0	-6.79043	0
0.1625	0.000617296	0	8.355E-16	-0.00049648	-7.9E-16	0	0.003898	0	1.45531	0
0.16255	0.000617495	0	7.476E-16	-0.00054714	-8.2E-16	0	0.003971	0	-7.04416	0
0.1626	0.000617676	0	7.476E-16	-0.00054714	-6.8E-16	0	0.003619	0	3.621396	0

0.16265	0.000617866	0	8.355E-16	-0.00049648	-7.5E-16	0	0.0038	0	10.88376	0
0.1627	0.000618083	0	7.476E-16	-0.00054715	-9.8E-16	0	0.004344	0	-19.64	0
0.16275	0.000618251	0	7.476E-16	-0.00054715	-5.9E-16	0	0.003362	0	7.322598	0
0.1628	0.000618438	0	8.354E-16	-0.0004965	-7.2E-16	0	0.003728	0	15.74483	0
0.16285	0.000618663	0	8.354E-16	-0.00049649	-1.1E-15	0	0.004516	0	-16.2556	0
0.1629	0.000618848	0	8.354E-16	-0.00049649	-7.1E-16	0	0.003703	0	5.01305	0
0.16295	0.000619046	0	8.354E-16	-0.0004965	-8.1E-16	0	0.003953	0	4.938951	0
0.163	0.000619256	0	7.476E-16	-0.00054717	-9.2E-16	0	0.0042	0	-15.7598	0
0.16305	0.000619427	0	8.354E-16	-0.00049651	-6.1E-16	0	0.003412	0	16.78627	0
0.1631	0.000619639	0	8.354E-16	-0.00049651	-9.4E-16	0	0.004252	0	-2.83093	0
0.16315	0.000619845	0	7.475E-16	-0.00054717	-8.8E-16	0	0.00411	0	-15.4628	0
0.1632	0.000620012	0	8.354E-16	-0.00049652	-5.8E-16	0	0.003337	0	19.77138	0
0.16325	0.000620228	0	8.354E-16	-0.00049652	-9.7E-16	0	0.004326	0	-4.87718	0
0.1633	0.000620432	0	8.354E-16	-0.00049653	-8.7E-16	0	0.004082	0	-5.7631	0
0.16335	0.000620622	0	8.354E-16	-0.00049653	-7.5E-16	0	0.003794	0	6.455622	0
0.1634	0.000620828	0	8.354E-16	-0.00049653	-8.8E-16	0	0.004116	0	-1.68251	0
0.16345	0.000621029	0	7.475E-16	-0.0005472	-8.5E-16	0	0.004032	0	-11.3535	0
0.1635	0.000621202	0	8.353E-16	-0.00049654	-6.2E-16	0	0.003465	0	16.98174	0
0.16355	0.000621418	0	7.475E-16	-0.0005472	-9.7E-16	0	0.004314	0	-15.1272	0
0.1636	0.000621596	0	8.353E-16	-0.00049654	-6.6E-16	0	0.003557	0	11.4609	0
0.16365	0.000621802	0	8.353E-16	-0.00049654	-8.9E-16	0	0.00413	0	0.174302	0
0.1637	0.000622009	0	8.353E-16	-0.00049655	-8.9E-16	0	0.004139	0	-5.8721	0
0.16375	0.000622202	0	8.353E-16	-0.00049655	-7.7E-16	0	0.003845	0	4.183847	0
0.1638	0.000622404	0	8.353E-16	-0.00049656	-8.5E-16	0	0.004055	0	-0.01008	0
0.16385	0.000622607	0	7.474E-16	-0.00054722	-8.5E-16	0	0.004054	0	-11.5111	0
0.1639	0.000622781	0	7.474E-16	-0.00054722	-6.3E-16	0	0.003479	0	6.927674	0
0.16395	0.000622972	0	8.353E-16	-0.00049657	-7.6E-16	0	0.003825	0	11.45786	0
0.164	0.000623192	0	8.353E-16	-0.00049657	-1E-15	0	0.004398	0	-12.5626	0
0.16405	0.000623381	0	8.353E-16	-0.00049658	-7.4E-16	0	0.00377	0	4.051279	0
0.1641	0.000623579	0	7.474E-16	-0.00054724	-8.2E-16	0	0.003972	0	-5.81885	0
0.16415	0.000623763	0	7.474E-16	-0.00054724	-7E-16	0	0.003681	0	1.669412	0
0.1642	0.000623952	0	8.352E-16	-0.00049658	-7.4E-16	0	0.003765	0	11.37135	0
0.16425	0.000624168	0	8.352E-16	-0.00049659	-9.8E-16	0	0.004333	0	-9.46793	0

0.1643	0.000624361	0	8.352E-16	-0.00049659	-7.7E-16	0	0.00386	0	1.752314	0
0.16435	0.000624559	0	7.474E-16	-0.00054725	-8.1E-16	0	0.003948	0	-5.88129	0
0.1644	0.000624741	0	8.352E-16	-0.00049659	-6.9E-16	0	0.003653	0	12.19875	0
0.16445	0.000624954	0	8.352E-16	-0.0004966	-9.5E-16	0	0.004263	0	-5.70402	0
0.1645	0.000625153	0	7.473E-16	-0.00054727	-8.2E-16	0	0.003978	0	-10.9688	0
0.16455	0.000625325	0	9.09E-16	-0.00033934	-6.1E-16	0	0.00343	0	26.41043	0
0.1646	0.000625562	0	7.473E-16	-0.00054722	-1.2E-15	0	0.00475	0	-32.5156	0
0.16465	0.000625719	0	7.473E-16	-0.00054722	-5.1E-16	0	0.003125	0	9.454133	0
0.1647	0.000625898	0	8.352E-16	-0.00049655	-6.7E-16	0	0.003597	0	22.13625	0
0.16475	0.000626134	0	8.352E-16	-0.00049656	-1.2E-15	0	0.004704	0	-22.7883	0
0.1648	0.000626312	0	8.351E-16	-0.00049656	-6.6E-16	0	0.003565	0	7.31614	0
0.16485	0.000626508	0	7.473E-16	-0.00054723	-8E-16	0	0.00393	0	-2.35611	0
0.1649	0.000626699	0	8.351E-16	-0.00049657	-7.6E-16	0	0.003813	0	7.32287	0
0.16495	0.000626908	0	7.473E-16	-0.00054724	-9.1E-16	0	0.004179	0	-13.5912	0
0.165	0.000627083	0	7.473E-16	-0.00054724	-6.4E-16	0	0.003499	0	5.062898	0
0.16505	0.000627271	0	8.351E-16	-0.00049658	-7.3E-16	0	0.003752	0	13.57428	0
0.1651	0.000627492	0	8.351E-16	-0.00049658	-1E-15	0	0.004431	0	-13.1609	0
0.16515	0.000627681	0	7.472E-16	-0.00054725	-7.4E-16	0	0.003773	0	-5.8338	0
0.1652	0.000627855	0	7.472E-16	-0.00054725	-6.3E-16	0	0.003481	0	9.634927	0
0.16525	0.000628053	0	7.472E-16	-0.00054725	-8.2E-16	0	0.003963	0	-2.64095	0
0.1653	0.000628244	0	8.351E-16	-0.0004966	-7.6E-16	0	0.003831	0	6.390203	0
0.16535	0.000628452	0	8.351E-16	-0.0004966	-9E-16	0	0.004151	0	-3.32497	0
0.1654	0.000628651	0	8.351E-16	-0.0004966	-8.3E-16	0	0.003984	0	-0.63771	0
0.16545	0.000628849	0	7.472E-16	-0.00054727	-8.1E-16	0	0.003952	0	-7.30885	0
0.1655	0.000629028	0	8.351E-16	-0.00049661	-6.7E-16	0	0.003587	0	14.15438	0
0.16555	0.000629243	0	8.351E-16	-0.00049661	-9.6E-16	0	0.004295	0	-6.23742	0
0.1656	0.000629442	0	7.472E-16	-0.00054728	-8.2E-16	0	0.003983	0	-11.4592	0
0.16565	0.000629613	0	7.472E-16	-0.00054729	-6E-16	0	0.00341	0	9.564444	0
0.1657	0.000629807	0	7.472E-16	-0.00054729	-7.9E-16	0	0.003888	0	0.602372	0
0.16575	0.000630003	0	7.472E-16	-0.00054729	-8E-16	0	0.003918	0	-5.19186	0
0.1658	0.000630186	0	7.472E-16	-0.00054729	-7E-16	0	0.003659	0	2.885365	0
0.16585	0.000630376	0	8.35E-16	-0.00049663	-7.5E-16	0	0.003803	0	10.34372	0
0.1659	0.000630592	0	7.471E-16	-0.0005473	-9.7E-16	0	0.00432	0	-18.7946	0

0.16595	0.000630761	0	7.471E-16	-0.0005473	-5.9E-16	0	0.00338	0	7.010615	0
0.166	0.000630948	0	8.35E-16	-0.00049664	-7.2E-16	0	0.003731	0	15.43178	0
0.16605	0.000631173	0	7.471E-16	-0.00054731	-1.1E-15	0	0.004502	0	-25.2321	0
0.1661	0.000631335	0	7.471E-16	-0.00054731	-5.5E-16	0	0.003241	0	8.942789	0
0.16615	0.000631519	0	7.471E-16	-0.00054733	-7.1E-16	0	0.003688	0	8.744575	0
0.1662	0.000631725	0	7.471E-16	-0.00054733	-8.8E-16	0	0.004125	0	-10.4167	0
0.16625	0.000631906	0	7.471E-16	-0.00054733	-6.8E-16	0	0.003604	0	2.464977	0
0.1663	0.000632092	0	7.471E-16	-0.00054733	-7.2E-16	0	0.003728	0	3.86261	0
0.16635	0.000632288	0	8.35E-16	-0.00049667	-8E-16	0	0.003921	0	5.746675	0
0.1664	0.000632498	0	7.471E-16	-0.00054734	-9.2E-16	0	0.004208	0	-15.7713	0
0.16645	0.000632669	0	8.349E-16	-0.00049668	-6.1E-16	0	0.00342	0	16.45596	0
0.1665	0.000632881	0	8.349E-16	-0.00049668	-9.4E-16	0	0.004242	0	-2.60599	0
0.16655	0.000633087	0	8.349E-16	-0.00049668	-8.8E-16	0	0.004112	0	-6.0633	0
0.1666	0.000633278	0	8.349E-16	-0.00049668	-7.5E-16	0	0.003809	0	5.605705	0
0.16665	0.000633482	0	8.349E-16	-0.00049669	-8.7E-16	0	0.004089	0	-0.91191	0
0.1667	0.000633684	0	8.349E-16	-0.00049669	-8.5E-16	0	0.004044	0	-2.10289	0
0.16675	0.000633881	0	7.204E-16	-0.00057236	-8.1E-16	0	0.003938	0	-10.3027	0
0.1668	0.000634052	0	7.204E-16	-0.00057237	-6.1E-16	0	0.003423	0	6.755728	0
0.16685	0.00063424	0	8.094E-16	-0.00051958	-7.4E-16	0	0.003761	0	11.29975	0
0.1669	0.000634457	0	8.094E-16	-0.00051959	-9.7E-16	0	0.004326	0	-11.9238	0
0.16695	0.000634643	0	8.094E-16	-0.00051959	-7.2E-16	0	0.00373	0	3.261835	0
0.167	0.000634838	0	8.094E-16	-0.00051959	-7.9E-16	0	0.003893	0	3.91709	0
0.16705	0.000635042	0	8.094E-16	-0.0005196	-8.7E-16	0	0.004089	0	-4.47819	0
0.1671	0.000635235	0	8.094E-16	-0.0005196	-7.8E-16	0	0.003865	0	1.259906	0
0.16715	0.000635432	0	7.203E-16	-0.00057239	-8E-16	0	0.003928	0	-8.16559	0
0.1672	0.000635608	0	8.094E-16	-0.00051961	-6.4E-16	0	0.00352	0	13.6419	0
0.16725	0.000635818	0	7.203E-16	-0.0005724	-9.2E-16	0	0.004202	0	-14.3974	0
0.1673	0.000635992	0	7.203E-16	-0.0005724	-6.3E-16	0	0.003482	0	2.44518	0
0.16735	0.000636172	0	7.203E-16	-0.0005724	-6.8E-16	0	0.003604	0	6.03132	0
0.1674	0.000636367	0	8.093E-16	-0.00051962	-7.9E-16	0	0.003906	0	4.742249	0
0.16745	0.000636575	0	7.203E-16	-0.00057241	-8.9E-16	0	0.004143	0	-16.1059	0
0.1675	0.000636741	0	8.094E-16	-0.00051963	-5.8E-16	0	0.003337	0	16.6387	0
0.16755	0.00063695	0	7.203E-16	-0.00057242	-9E-16	0	0.004169	0	-11.3915	0

0.1676	0.00063713	0	8.094E-16	-0.00051964	-6.7E-16	0	0.0036	0	8.839182	0
0.16765	0.000637332	0	7.203E-16	-0.00057243	-8.5E-16	0	0.004042	0	-9.44598	0
0.1677	0.00063751	0	8.093E-16	-0.00051965	-6.6E-16	0	0.003569	0	11.02348	0
0.16775	0.000637717	0	7.203E-16	-0.00057243	-8.8E-16	0	0.004121	0	-11.9475	0
0.1678	0.000637893	0	8.093E-16	-0.00051965	-6.5E-16	0	0.003523	0	11.59975	0
0.16785	0.000638098	0	7.203E-16	-0.00057244	-8.8E-16	0	0.004103	0	-10.8626	0
0.1679	0.000638276	0	7.203E-16	-0.00057244	-6.6E-16	0	0.00356	0	1.129476	0
0.16795	0.000638457	0	7.203E-16	-0.00057245	-6.8E-16	0	0.003617	0	4.863752	0
0.168	0.00063865	0	7.202E-16	-0.00057245	-7.7E-16	0	0.00386	0	-3.41516	0
0.16805	0.000638834	0	8.093E-16	-0.00051966	-7.1E-16	0	0.003689	0	9.192612	0
0.1681	0.000639042	0	7.202E-16	-0.00057246	-9E-16	0	0.004149	0	-14.1602	0
0.16815	0.000639214	0	7.202E-16	-0.00057246	-6.2E-16	0	0.003441	0	4.142773	0
0.1682	0.000639396	0	8.093E-16	-0.00051968	-6.9E-16	0	0.003648	0	14.65782	0
0.16825	0.000639615	0	7.203E-16	-0.00057289	-1E-15	0	0.004381	0	-22.4635	0
0.1683	0.000639778	0	7.202E-16	-0.00057247	-5.5E-16	0	0.003258	0	6.834322	0
0.16835	0.000639958	0	8.093E-16	-0.00051969	-6.7E-16	0	0.003599	0	17.96527	0
0.1684	0.000640183	0	7.203E-16	-0.0005729	-1.1E-15	0	0.004497	0	-26.5968	0
0.16845	0.000640341	0	7.203E-16	-0.00057291	-5.2E-16	0	0.003168	0	7.996215	0
0.1685	0.000640519	0	7.203E-16	-0.00057291	-6.6E-16	0	0.003567	0	10.26726	0
0.16855	0.000640724	0	7.202E-16	-0.00057291	-8.7E-16	0	0.004081	0	-10.5055	0
0.1686	0.000640901	0	7.202E-16	-0.00057292	-6.6E-16	0	0.003556	0	1.488383	0
0.16865	0.000641083	0	7.202E-16	-0.00057292	-6.9E-16	0	0.00363	0	4.501472	0
0.1687	0.000641276	0	7.202E-16	-0.00057293	-7.7E-16	0	0.003855	0	-3.39263	0
0.16875	0.00064146	0	8.092E-16	-0.00052017	-7.1E-16	0	0.003685	0	9.341998	0
0.1688	0.000641667	0	7.202E-16	-0.00057293	-9E-16	0	0.004153	0	-14.2644	0
0.16885	0.000641839	0	7.202E-16	-0.00057293	-6.2E-16	0	0.003439	0	4.142779	0
0.1689	0.000642022	0	7.202E-16	-0.00057293	-6.9E-16	0	0.003646	0	5.156356	0
0.16895	0.000642217	0	7.202E-16	-0.00057294	-7.9E-16	0	0.003904	0	-5.19964	0
0.169	0.000642399	0	7.202E-16	-0.00057294	-6.9E-16	0	0.003644	0	0.571919	0
0.16905	0.000642583	0	7.202E-16	-0.00057294	-7E-16	0	0.003673	0	2.288831	0
0.1691	0.000642772	0	7.202E-16	-0.00057295	-7.5E-16	0	0.003787	0	-1.61626	0
0.16915	0.000642957	0	7.202E-16	-0.00057295	-7.1E-16	0	0.003706	0	-0.19	0
0.1692	0.000643142	0	7.202E-16	-0.00057296	-7.1E-16	0	0.003697	0	0.9145	0

0.16925	0.000643329	0	8.091E-16	-0.0005202	-7.3E-16	0	0.003743	0	9.113545	0
0.1693	0.000643539	0	7.201E-16	-0.00057296	-9.2E-16	0	0.004198	0	-16.5237	0
0.16935	0.000643708	0	7.201E-16	-0.00057296	-5.9E-16	0	0.003372	0	5.555503	0
0.1694	0.000643891	0	7.201E-16	-0.00057296	-6.9E-16	0	0.00365	0	5.711045	0
0.16945	0.000644087	0	7.201E-16	-0.00057297	-8.1E-16	0	0.003936	0	-6.29829	0
0.1695	0.000644268	0	7.201E-16	-0.00057298	-6.8E-16	0	0.003621	0	0.973641	0
0.16955	0.000644452	0	7.201E-16	-0.00057297	-7E-16	0	0.003669	0	2.628557	0
0.1696	0.000644642	0	7.201E-16	-0.00057298	-7.5E-16	0	0.003801	0	-2.02283	0
0.16965	0.000644827	0	7.201E-16	-0.00057298	-7.1E-16	0	0.0037	0	-0.1162	0
0.1697	0.000645011	0	7.201E-16	-0.00057299	-7.1E-16	0	0.003694	0	1.077162	0
0.16975	0.000645199	0	7.201E-16	-0.00057299	-7.3E-16	0	0.003748	0	-0.56411	0
0.1698	0.000645385	0	7.201E-16	-0.000573	-7.2E-16	0	0.003719	0	-0.2107	0
0.16985	0.00064557	0	7.201E-16	-0.000573	-7.2E-16	0	0.003709	0	0.402644	0
0.1699	0.000645757	0	7.201E-16	-0.000573	-7.2E-16	0	0.003729	0	-0.12701	0
0.16995	0.000645943	0	7.201E-16	-0.000573	-7.2E-16	0	0.003723	0	-0.12838	0
0.17	0.000646129	0	7.201E-16	-0.00057302	-7.2E-16	0	0.003716	0	0.136211	0
0.17005	0.000646315	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003723	0	-0.01527	0
0.1701	0.000646501	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003722	0	-0.05887	0
0.17015	0.000646687	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003719	0	0.03937	0
0.1702	0.000646873	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003721	0	0.006326	0
0.17025	0.000647059	0	7.2E-16	-0.00057303	-7.2E-16	0	0.003722	0	-0.02324	0
0.1703	0.000647245	0	7.2E-16	-0.00057303	-7.2E-16	0	0.00372	0	0.009504	0
0.17035	0.000647431	0	7.2E-16	-0.00057304	-7.2E-16	0	0.003721	0	0.004194	0
0.1704	0.000647617	0	7.2E-16	-0.00057304	-7.2E-16	0	0.003721	0	-0.00702	0
0.17045	0.000647803	0	7.2E-16	-0.00057304	-7.2E-16	0	0.003721	0	0.001313	0
0.1705	0.000647989	0	7.2E-16	-0.00057301	-7.2E-16	0	0.003721	0	0.001556	0
0.17055	0.000648175	0	7.2E-16	-0.00057301	-7.2E-16	0	0.003721	0	-0.00202	0
0.1706	0.000648361	0	7.2E-16	-0.00057301	-7.2E-16	0	0.003721	0	0.000195	0
0.17065	0.000648547	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003721	0	-0.00063	0
0.1707	0.000648733	0	7.2E-16	-0.00057302	-7.2E-16	0	0.003721	0	-0.00013	0
0.17075	0.00064892	0	7.199E-16	-0.00057302	-7.2E-16	0	0.003721	0	-0.00134	0
0.1708	0.000649106	0	7.199E-16	-0.00057303	-7.2E-16	0	0.003721	0	0.001007	0
0.17085	0.000649292	0	7.199E-16	-0.00057303	-7.2E-16	0	0.003721	0	-0.00056	0



0.1709	0.000649478	0	7.199E-16	-0.00057303	-7.2E-16	0	0.003721	0	-0.00101	0
0.17095	0.000649664	0	7.199E-16	-0.00057303	-7.2E-16	0	0.003721	0	0.000208	0
0.171	0.00064985	0	7.199E-16	-0.00057303	-7.2E-16	0	0.003721	0	-8.5E-05	0
0.17105	0.000650036	0	7.199E-16	-0.00057304	-7.2E-16	0	0.003721	0	-0.0013	0
0.1711	0.000650222	0	7.199E-16	-0.00057304	-7.2E-16	0	0.003721	0	0.000308	0
0.17115	0.000650408	0	7.199E-16	-0.00057305	-7.2E-16	0	0.003721	0	-0.00012	0
0.1712	0.000650594	0	7.199E-16	-0.00057305	-7.2E-16	0	0.003721	0	-0.0008	0
0.17125	0.00065078	0	7.199E-16	-0.00057305	-7.2E-16	0	0.003721	0	-0.00103	0
0.1713	0.000650966	0	7.199E-16	-0.00057306	-7.2E-16	0	0.003721	0	0.000902	0
0.17135	0.000651152	0	7.199E-16	-0.00057306	-7.2E-16	0	0.003721	0	-0.00128	0
0.1714	0.000651338	0	7.199E-16	-0.00057306	-7.2E-16	0	0.003721	0	-0.00035	0
0.17145	0.000651524	0	7.199E-16	-0.00057307	-7.2E-16	0	0.003721	0	0.000639	0
0.1715	0.00065171	0	7.198E-16	-0.00057307	-7.2E-16	0	0.003721	0	-0.00124	0
0.17155	0.000651896	0	7.198E-16	-0.00057307	-7.2E-16	0	0.003721	0	0.000765	0
0.1716	0.000652082	0	7.198E-16	-0.00057308	-7.2E-16	0	0.003721	0	-0.00151	0
0.17165	0.000652268	0	7.198E-16	-0.00057308	-7.2E-16	0	0.003721	0	0.000148	0
0.1717	0.000652454	0	7.198E-16	-0.00057308	-7.2E-16	0	0.003721	0	0.000334	0
0.17175	0.00065264	0	7.198E-16	-0.00057309	-7.2E-16	0	0.003721	0	-0.00165	0
0.1718	0.000652826	0	7.198E-16	-0.00057309	-7.2E-16	0	0.00372	0	0.000657	0
0.17185	0.000653012	0	7.198E-16	-0.00057309	-7.2E-16	0	0.00372	0	-0.00099	0
0.1719	0.000653198	0	7.198E-16	-0.0005731	-7.2E-16	0	0.00372	0	0.000172	0
0.17195	0.000653384	0	7.198E-16	-0.0005731	-7.2E-16	0	0.00372	0	-0.00099	0
0.172	0.00065357	0	7.198E-16	-0.0005731	-7.2E-16	0	0.00372	0	0.000806	0
0.17205	0.000653756	0	7.198E-16	-0.00057311	-7.2E-16	0	0.00372	0	-0.00132	0
0.1721	0.000653942	0	7.198E-16	-0.00057311	-7.2E-16	0	0.00372	0	-0.00037	0
0.17215	0.000654128	0	7.198E-16	-0.00057312	-7.2E-16	0	0.00372	0	0.000177	0
0.1722	0.000654314	0	7.198E-16	-0.00057312	-7.2E-16	0	0.00372	0	-0.00113	0
0.17225	0.0006545	0	7.197E-16	-0.00057312	-7.2E-16	0	0.00372	0	7.98E-05	0
0.1723	0.000654686	0	7.197E-16	-0.00057312	-7.2E-16	0	0.00372	0	-0.00021	0
0.17235	0.000654872	0	7.197E-16	-0.00057312	-7.2E-16	0	0.00372	0	-0.00036	0
0.1724	0.000655058	0	7.197E-16	-0.00057313	-7.2E-16	0	0.00372	0	-0.0006	0
0.17245	0.000655244	0	7.197E-16	-0.00057313	-7.2E-16	0	0.00372	0	-0.00034	0
0.1725	0.00065543	0	7.197E-16	-0.00057314	-7.2E-16	0	0.00372	0	-0.00034	0

0.17255	0.000655616	0	7.197E-16	-0.00057314	-7.2E-16	0	0.00372	0	-0.00071	0
0.1726	0.000655802	0	7.197E-16	-0.00057314	-7.2E-16	0	0.00372	0	0.000631	0
0.17265	0.000655988	0	7.197E-16	-0.00057315	-7.2E-16	0	0.00372	0	-0.00069	0
0.1727	0.000656174	0	7.197E-16	-0.00057315	-7.2E-16	0	0.00372	0	-0.00105	0
0.17275	0.00065636	0	7.197E-16	-0.00057315	-7.2E-16	0	0.00372	0	0.000475	0
0.1728	0.000656546	0	7.197E-16	-0.00057315	-7.2E-16	0	0.00372	0	-0.0008	0
0.17285	0.000656732	0	7.197E-16	-0.00057315	-7.2E-16	0	0.00372	0	0.000814	0
0.1729	0.000656918	0	7.197E-16	-0.00057316	-7.2E-16	0	0.00372	0	-0.00119	0
0.17295	0.000657104	0	7.197E-16	-0.00057316	-7.2E-16	0	0.00372	0	-0.00028	0
0.173	0.00065729	0	7.197E-16	-0.00057316	-7.2E-16	0	0.00372	0	0.000145	0
0.17305	0.000657477	0	7.196E-16	-0.00057317	-7.2E-16	0	0.00372	0	-0.00063	0
0.1731	0.000657663	0	7.196E-16	-0.00057317	-7.2E-16	0	0.00372	0	-0.00063	0
0.17315	0.000657849	0	7.196E-16	-0.00057318	-7.2E-16	0	0.00372	0	-6.1E-05	0
0.1732	0.000658035	0	7.196E-16	-0.00057318	-7.2E-16	0	0.00372	0	-0.00094	0
0.17325	0.000658221	0	7.196E-16	-0.00057319	-7.2E-16	0	0.00372	0	0.000517	0
0.1733	0.000658407	0	7.196E-16	-0.00057319	-7.2E-16	0	0.00372	0	-0.00084	0
0.17335	0.000658592	0	7.196E-16	-0.00057319	-7.2E-16	0	0.00372	0	-0.00061	0
0.1734	0.000658778	0	7.196E-16	-0.00057319	-7.2E-16	0	0.00372	0	0.000428	0
0.17345	0.000658964	0	7.196E-16	-0.0005732	-7.2E-16	0	0.00372	0	-0.00123	0
0.1735	0.00065915	0	7.196E-16	-0.0005732	-7.2E-16	0	0.00372	0	-0.00013	0
0.17355	0.000659336	0	7.196E-16	-0.00057321	-7.2E-16	0	0.00372	0	0.000146	0
0.1736	0.000659522	0	7.196E-16	-0.00057321	-7.2E-16	0	0.00372	0	-0.00074	0
0.17365	0.000659708	0	7.196E-16	-0.00057321	-7.2E-16	0	0.00372	0	-0.00061	0
0.1737	0.000659894	0	7.196E-16	-0.00057322	-7.2E-16	0	0.00372	0	-0.00037	0
0.17375	0.00066008	0	7.195E-16	-0.00057322	-7.2E-16	0	0.00372	0	-0.00024	0
0.1738	0.000660266	0	7.195E-16	-0.00057322	-7.2E-16	0	0.00372	0	0.000247	0
0.17385	0.000660452	0	7.195E-16	-0.00057322	-7.2E-16	0	0.00372	0	-0.00105	0
0.1739	0.000660638	0	7.195E-16	-0.00057323	-7.2E-16	0	0.00372	0	-0.00018	0
0.17395	0.000660824	0	7.195E-16	-0.00057323	-7.2E-16	0	0.00372	0	0.000138	0
0.174	0.00066101	0	7.195E-16	-0.00057324	-7.2E-16	0	0.00372	0	-1.8E-05	0
0.17405	0.000661196	0	7.195E-16	-0.00057324	-7.2E-16	0	0.00372	0	-0.00143	0
0.1741	0.000661382	0	7.195E-16	-0.00057324	-7.2E-16	0	0.00372	0	-0.00032	0
0.17415	0.000661568	0	7.195E-16	-0.00057324	-7.2E-16	0	0.00372	0	0.000804	0

0.1742	0.000661754	0	7.195E-16	-0.00057325	-7.2E-16	0	0.00372	0	-0.00212	0
0.17425	0.00066194	0	7.195E-16	-0.00057325	-7.2E-16	0	0.00372	0	0.00099	0
0.1743	0.000662126	0	7.195E-16	-0.00057326	-7.2E-16	0	0.00372	0	-0.00059	0
0.17435	0.000662312	0	7.195E-16	-0.0005732	-7.2E-16	0	0.00372	0	0.000711	0
0.1744	0.000662498	0	7.195E-16	-0.00057328	-7.2E-16	0	0.00372	0	-0.00127	0
0.17445	0.000662684	0	7.195E-16	-0.00057339	-7.2E-16	0	0.00372	0	0.003535	0
0.1745	0.00066287	0	7.195E-16	-0.00057334	-7.2E-16	0	0.00372	0	-0.00097	0
0.17455	0.000663056	0	7.195E-16	-0.00057334	-7.2E-16	0	0.00372	0	-0.00212	0
0.1746	0.000663242	0	7.195E-16	-0.00057335	-7.2E-16	0	0.00372	0	0.000364	0
0.17465	0.000663428	0	7.195E-16	-0.00057335	-7.2E-16	0	0.00372	0	0.00049	0
0.1747	0.000663614	0	7.195E-16	-0.00057335	-7.2E-16	0	0.00372	0	-0.00061	0
0.17475	0.0006638	0	7.195E-16	-0.00057335	-7.2E-16	0	0.00372	0	-0.0002	0
0.1748	0.000663986	0	7.195E-16	-0.00057336	-7.2E-16	0	0.00372	0	-0.00155	0
0.17485	0.000664172	0	7.448E-16	-0.00054075	-7.2E-16	0	0.00372	0	2.723451	0
0.1749	0.000664365	0	7.448E-16	-0.00054076	-7.7E-16	0	0.003856	0	-1.67097	0
0.17495	0.000664553	0	7.448E-16	-0.00054076	-7.4E-16	0	0.003772	0	-0.3128	0
0.175	0.000664741	0	7.448E-16	-0.00054077	-7.3E-16	0	0.003757	0	1.022354	0
0.17505	0.000664932	0	7.448E-16	-0.00054077	-7.5E-16	0	0.003808	0	-0.46903	0
0.1751	0.000665121	0	7.448E-16	-0.00054077	-7.4E-16	0	0.003784	0	-0.22036	0
0.17515	0.00066531	0	7.448E-16	-0.00054077	-7.4E-16	0	0.003773	0	0.367538	0
0.1752	0.000665499	0	7.448E-16	-0.00054078	-7.5E-16	0	0.003792	0	-0.1149	0
0.17525	0.000665688	0	7.448E-16	-0.00054078	-7.5E-16	0	0.003786	0	-0.11443	0
0.1753	0.000665877	0	7.448E-16	-0.00054079	-7.4E-16	0	0.00378	0	0.127197	0
0.17535	0.000666067	0	7.448E-16	-0.00054079	-7.5E-16	0	0.003786	0	-0.02212	0
0.1754	0.000666256	0	7.448E-16	-0.00054079	-7.5E-16	0	0.003785	0	-0.05033	0
0.17545	0.000666445	0	7.448E-16	-0.00054079	-7.4E-16	0	0.003783	0	0.042041	0
0.1755	0.000666634	0	7.447E-16	-0.0005408	-7.4E-16	0	0.003785	0	-0.00121	0
0.17555	0.000666824	0	7.447E-16	-0.0005408	-7.4E-16	0	0.003785	0	-0.02256	0
0.1756	0.000667013	0	7.447E-16	-0.00054081	-7.4E-16	0	0.003784	0	0.014651	0
0.17565	0.000667202	0	7.447E-16	-0.00054081	-7.4E-16	0	0.003784	0	0.001369	0
0.1757	0.000667391	0	7.447E-16	-0.00054081	-7.4E-16	0	0.003785	0	-0.00893	0
0.17575	0.00066758	0	7.447E-16	-0.00054081	-7.4E-16	0	0.003784	0	0.004048	0
0.1758	0.00066777	0	7.447E-16	-0.00054082	-7.4E-16	0	0.003784	0	0.001374	0

0.17585	0.000667959	0	7.447E-16	-0.00054083	-7.4E-16	0	0.003784	0	-0.00419	0
0.1759	0.000668148	0	7.447E-16	-0.00054082	-7.4E-16	0	0.003784	0	0.00184	0
0.17595	0.000668337	0	7.447E-16	-0.00054083	-7.4E-16	0	0.003784	0	-2.3E-05	0
0.176	0.000668527	0	7.447E-16	-0.00054083	-7.4E-16	0	0.003784	0	-0.00196	0
0.17605	0.000668716	0	7.447E-16	-0.00054083	-7.4E-16	0	0.003784	0	0.001402	0
0.1761	0.000668905	0	7.447E-16	-0.00054084	-7.4E-16	0	0.003784	0	-0.00079	0
0.17615	0.000669094	0	7.447E-16	-0.00054084	-7.4E-16	0	0.003784	0	-0.00115	0
0.1762	0.000669283	0	7.446E-16	-0.00054084	-7.4E-16	0	0.003784	0	0.000241	0
0.17625	0.000669473	0	7.446E-16	-0.00054085	-7.4E-16	0	0.003784	0	-0.00089	0
0.1763	0.000669662	0	7.446E-16	-0.00054085	-7.4E-16	0	0.003784	0	0.000229	0
0.17635	0.000669851	0	7.446E-16	-0.00054085	-7.4E-16	0	0.003784	0	-0.00106	0
0.1764	0.00067004	0	7.446E-16	-0.00054085	-7.4E-16	0	0.003784	0	0.000487	0
0.17645	0.000670229	0	7.446E-16	-0.00054086	-7.4E-16	0	0.003784	0	-0.00084	0
0.1765	0.000670419	0	7.446E-16	-0.00054086	-7.4E-16	0	0.003784	0	0.00021	0
0.17655	0.000670608	0	7.446E-16	-0.00054087	-7.4E-16	0	0.003784	0	-0.00102	0
0.1766	0.000670797	0	7.446E-16	-0.00054087	-7.4E-16	0	0.003784	0	0.000238	0
0.17665	0.000670986	0	7.446E-16	-0.00054087	-7.4E-16	0	0.003784	0	-0.00079	0
0.1767	0.000671175	0	7.446E-16	-0.00054087	-7.4E-16	0	0.003784	0	0.000393	0
0.17675	0.000671365	0	7.446E-16	-0.00054088	-7.4E-16	0	0.003784	0	-0.00101	0
0.1768	0.000671554	0	7.446E-16	-0.00054088	-7.4E-16	0	0.003784	0	-0.00085	0
0.17685	0.000671743	0	7.446E-16	-0.00054088	-7.4E-16	0	0.003784	0	0.000984	0
0.1769	0.000671932	0	7.446E-16	-0.00054088	-7.4E-16	0	0.003784	0	-0.00082	0
0.17695	0.000672121	0	7.445E-16	-0.00054089	-7.4E-16	0	0.003784	0	-0.00092	0
0.177	0.000672311	0	7.445E-16	-0.00054089	-7.4E-16	0	0.003784	0	-0.00012	0
0.17705	0.0006725	0	7.445E-16	-0.00054089	-7.4E-16	0	0.003784	0	4.67E-05	0
0.1771	0.000672689	0	7.445E-16	-0.0005409	-7.4E-16	0	0.003784	0	-0.00041	0
0.17715	0.000672878	0	7.445E-16	-0.0005409	-7.4E-16	0	0.003784	0	-0.00014	0
0.1772	0.000673067	0	7.445E-16	-0.0005409	-7.4E-16	0	0.003784	0	-0.00099	0
0.17725	0.000673256	0	7.445E-16	-0.0005409	-7.4E-16	0	0.003784	0	-0.00081	0
0.1773	0.000673446	0	7.445E-16	-0.00054091	-7.4E-16	0	0.003784	0	0.001734	0
0.17735	0.000673635	0	7.445E-16	-0.00054091	-7.4E-16	0	0.003784	0	-0.00163	0
0.1774	0.000673824	0	7.445E-16	-0.00054092	-7.4E-16	0	0.003784	0	-0.00158	0
0.17745	0.000674013	0	7.445E-16	-0.00054092	-7.4E-16	0	0.003784	0	0.001343	0

0.1775	0.000674202	0	7.445E-16	-0.00054092	-7.4E-16	0	0.003784	0	-1.4E-05	0
0.17755	0.000674392	0	7.445E-16	-0.00054092	-7.4E-16	0	0.003784	0	-0.00184	0
0.1776	0.000674581	0	7.445E-16	-0.00054092	-7.4E-16	0	0.003784	0	0.000831	0
0.17765	0.00067477	0	7.445E-16	-0.00054093	-7.4E-16	0	0.003784	0	-0.00066	0
0.1777	0.000674959	0	7.444E-16	-0.00054093	-7.4E-16	0	0.003784	0	-0.00121	0
0.17775	0.000675148	0	7.444E-16	-0.00054093	-7.4E-16	0	0.003784	0	0.001045	0
0.1778	0.000675337	0	7.444E-16	-0.00054094	-7.4E-16	0	0.003784	0	-0.00143	0
0.17785	0.000675527	0	7.444E-16	-0.00054094	-7.4E-16	0	0.003784	0	0.000568	0
0.1779	0.000675716	0	7.444E-16	-0.00054095	-7.4E-16	0	0.003784	0	-1.5E-05	0
0.17795	0.000675905	0	7.444E-16	-0.00054095	-7.4E-16	0	0.003784	0	-0.00263	0
0.178	0.000676094	0	7.444E-16	-0.00054095	-7.4E-16	0	0.003783	0	0.002117	0
0.17805	0.000676283	0	7.444E-16	-0.00054095	-7.4E-16	0	0.003784	0	-0.00129	0
0.1781	0.000676473	0	7.444E-16	-0.00054095	-7.4E-16	0	0.003783	0	-0.00127	0
0.17815	0.000676662	0	7.444E-16	-0.00054096	-7.4E-16	0	0.003783	0	8.06E-05	0
0.1782	0.000676851	0	7.444E-16	-0.00054096	-7.4E-16	0	0.003783	0	0.001413	0
0.17825	0.00067704	0	7.444E-16	-0.00054096	-7.4E-16	0	0.003783	0	-0.00184	0
0.1783	0.000677229	0	7.444E-16	-0.00054097	-7.4E-16	0	0.003783	0	-0.00125	0
0.17835	0.000677418	0	7.444E-16	-0.00054097	-7.4E-16	0	0.003783	0	0.001752	0
0.1784	0.000677608	0	7.443E-16	-0.00054097	-7.4E-16	0	0.003783	0	-0.00168	0
0.17845	0.000677797	0	7.443E-16	-0.00054098	-7.4E-16	0	0.003783	0	-0.00052	0
0.1785	0.000677986	0	7.443E-16	-0.00054098	-7.4E-16	0	0.003783	0	0.000327	0
0.17855	0.000678175	0	7.443E-16	-0.00054098	-7.4E-16	0	0.003783	0	-0.00067	0
0.1786	0.000678364	0	7.443E-16	-0.00054099	-7.4E-16	0	0.003783	0	-4.9E-05	0
0.17865	0.000678553	0	7.443E-16	-0.00054099	-7.4E-16	0	0.003783	0	-0.00058	0
0.1787	0.000678743	0	7.443E-16	-0.000541	-7.4E-16	0	0.003783	0	-0.00133	0
0.17875	0.000678932	0	7.443E-16	-0.000541	-7.4E-16	0	0.003783	0	0.001311	0
0.1788	0.000679121	0	7.443E-16	-0.000541	-7.4E-16	0	0.003783	0	-0.00129	0
0.17885	0.00067931	0	7.443E-16	-0.000541	-7.4E-16	0	0.003783	0	-0.00023	0
0.1789	0.000679499	0	7.443E-16	-0.00054101	-7.4E-16	0	0.003783	0	0.000223	0
0.17895	0.000679688	0	7.443E-16	-0.00054101	-7.4E-16	0	0.003783	0	-0.0008	0
0.179	0.000679877	0	7.443E-16	-0.00054102	-7.4E-16	0	0.003783	0	8.76E-05	0
0.17905	0.000680067	0	7.443E-16	-0.00054102	-7.4E-16	0	0.003783	0	-0.00086	0
0.1791	0.000680256	0	7.443E-16	-0.00054103	-7.4E-16	0	0.003783	0	-0.00038	0

0.17915	0.000680445	0	7.442E-16	-0.00054103	-7.4E-16	0	0.003783	0	-0.00078	0
0.1792	0.000680634	0	7.442E-16	-0.00054103	-7.4E-16	0	0.003783	0	0.000638	0
0.17925	0.000680823	0	7.442E-16	-0.00054103	-7.4E-16	0	0.003783	0	-0.00099	0
0.1793	0.000681012	0	7.442E-16	-0.00054104	-7.4E-16	0	0.003783	0	0.000416	0
0.17935	0.000681202	0	7.442E-16	-0.00054104	-7.4E-16	0	0.003783	0	-0.00069	0
0.1794	0.000681391	0	7.442E-16	-0.00054104	-7.4E-16	0	0.003783	0	-0.00104	0
0.17945	0.00068158	0	7.442E-16	-0.00054105	-7.4E-16	0	0.003783	0	-6.3E-05	0
0.1795	0.000681769	0	7.442E-16	-0.00054105	-7.4E-16	0	0.003783	0	0.0006	0
0.17955	0.000681958	0	7.442E-16	-0.00054106	-7.4E-16	0	0.003783	0	-0.00183	0
0.1796	0.000682147	0	7.442E-16	-0.00054106	-7.4E-16	0	0.003783	0	0.000626	0
0.17965	0.000682336	0	7.442E-16	-0.00054106	-7.4E-16	0	0.003783	0	-0.00112	0
0.1797	0.000682526	0	7.442E-16	-0.00054109	-7.4E-16	0	0.003783	0	0.004257	0
0.17975	0.000682715	0	7.442E-16	-0.00054109	-7.4E-16	0	0.003783	0	-0.00347	0
0.1798	0.000682904	0	7.442E-16	-0.00054109	-7.4E-16	0	0.003783	0	-0.00109	0
0.17985	0.000683093	0	7.442E-16	-0.0005411	-7.4E-16	0	0.003783	0	0.001628	0
0.1799	0.000683282	0	7.442E-16	-0.00054109	-7.4E-16	0	0.003783	0	-0.00053	0
0.17995	0.000683471	0	7.442E-16	-0.00054111	-7.4E-16	0	0.003783	0	-0.00119	0
0.18	0.00068366	0	7.442E-16	-0.00054111	-7.4E-16	0	0.003783	0	-0.00049	0
0.18005	0.00068385	0	7.442E-16	-0.00054111	-7.4E-16	0	0.003783	0	0.000802	0
0.1801	0.000684039	0	7.441E-16	-0.00054112	-7.4E-16	0	0.003783	0	-0.00184	0
0.18015	0.000684228	0	7.441E-16	-0.00054112	-7.4E-16	0	0.003783	0	0.000553	0
0.1802	0.000684417	0	7.441E-16	-0.00054112	-7.4E-16	0	0.003783	0	-5.7E-05	0
0.18025	0.000684606	0	7.441E-16	-0.00054113	-7.4E-16	0	0.003783	0	-0.00135	0
0.1803	0.000684795	0	7.441E-16	-0.00054113	-7.4E-16	0	0.003783	0	-0.0002	0
0.18035	0.000684984	0	7.441E-16	-0.00054114	-7.4E-16	0	0.003783	0	0.001778	0
0.1804	0.000685174	0	7.441E-16	-0.00054114	-7.4E-16	0	0.003783	0	-0.00291	0
0.18045	0.000685363	0	7.441E-16	-0.00054114	-7.4E-16	0	0.003783	0	-0.00025	0
0.1805	0.000685552	0	7.441E-16	-0.00054115	-7.4E-16	0	0.003783	0	0.000527	0
0.18055	0.000685741	0	7.441E-16	-0.00054115	-7.4E-16	0	0.003783	0	-0.00052	0
0.1806	0.00068593	0	7.441E-16	-0.00054115	-7.4E-16	0	0.003783	0	-0.00055	0
0.18065	0.000686119	0	7.441E-16	-0.00054116	-7.4E-16	0	0.003783	0	-0.0002	0
0.1807	0.000686308	0	7.441E-16	-0.00054116	-7.4E-16	0	0.003783	0	-1.8E-05	0
0.18075	0.000686498	0	7.44E-16	-0.00054116	-7.4E-16	0	0.003783	0	-0.00168	0

0.1808	0.000686687	0	7.44E-16	-0.00054116	-7.4E-16	0	0.003783	0	0.000583	0
0.18085	0.000686876	0	7.44E-16	-0.00054117	-7.4E-16	0	0.003783	0	0.000618	0
0.1809	0.000687065	0	7.44E-16	-0.00054117	-7.4E-16	0	0.003783	0	-0.00209	0
0.18095	0.000687254	0	7.44E-16	-0.00054118	-7.4E-16	0	0.003782	0	0.000492	0
0.181	0.000687443	0	7.44E-16	-0.00054118	-7.4E-16	0	0.003783	0	-0.00045	0
0.18105	0.000687632	0	7.44E-16	-0.00054118	-7.4E-16	0	0.003782	0	-2.4E-05	0
0.1811	0.000687821	0	7.44E-16	-0.00054119	-7.4E-16	0	0.003782	0	0.000109	0
0.18115	0.000688011	0	7.44E-16	-0.00054119	-7.4E-16	0	0.003783	0	-0.0013	0
0.1812	0.0006882	0	7.44E-16	-0.00054118	-7.4E-16	0	0.003782	0	0.000384	0
0.18125	0.000688389	0	7.44E-16	-0.00054119	-7.4E-16	0	0.003782	0	-0.00097	0
0.1813	0.000688578	0	7.44E-16	-0.00054119	-7.4E-16	0	0.003782	0	-0.00063	0
0.18135	0.000688767	0	7.44E-16	-0.0005412	-7.4E-16	0	0.003782	0	0.000839	0
0.1814	0.000688956	0	7.44E-16	-0.0005412	-7.4E-16	0	0.003782	0	-0.00116	0
0.18145	0.000689145	0	7.44E-16	-0.0005412	-7.4E-16	0	0.003782	0	-0.00019	0
0.1815	0.000689334	0	7.439E-16	-0.00054122	-7.4E-16	0	0.003782	0	-0.00191	0
0.18155	0.000689523	0	7.439E-16	-0.00054122	-7.4E-16	0	0.003782	0	0.000861	0
0.1816	0.000689713	0	7.439E-16	-0.00054121	-7.4E-16	0	0.003782	0	-0.00107	0
0.18165	0.000689902	0	7.439E-16	-0.00054122	-7.4E-16	0	0.003782	0	-0.00018	0
0.1817	0.000690091	0	7.439E-16	-0.00054122	-7.4E-16	0	0.003782	0	1.61E-05	0
0.18175	0.00069028	0	7.439E-16	-0.00054122	-7.4E-16	0	0.003782	0	-0.00102	0
0.1818	0.000690469	0	7.439E-16	-0.00054123	-7.4E-16	0	0.003782	0	0.000324	0
0.18185	0.000690658	0	7.439E-16	-0.00054123	-7.4E-16	0	0.003782	0	-0.00078	0
0.1819	0.000690847	0	7.439E-16	-0.00054124	-7.4E-16	0	0.003782	0	-0.00014	0
0.18195	0.000691036	0	7.439E-16	-0.00054123	-7.4E-16	0	0.003782	0	-0.0006	0
0.182	0.000691225	0	7.439E-16	-0.00054124	-7.4E-16	0	0.003782	0	0.000112	0
0.18205	0.000691415	0	7.439E-16	-0.00054125	-7.4E-16	0	0.003782	0	0.00012	0
0.1821	0.000691604	0	7.439E-16	-0.00054125	-7.4E-16	0	0.003782	0	-0.00149	0
0.18215	0.000691793	0	7.438E-16	-0.00054125	-7.4E-16	0	0.003782	0	-4E-05	0
0.1822	0.000691982	0	7.439E-16	-0.00054126	-7.4E-16	0	0.003782	0	0.007706	0
0.18225	0.000692171	0	7.439E-16	-0.00054126	-7.4E-16	0	0.003782	0	-0.00523	0
0.1823	0.00069236	0	7.439E-16	-0.00054126	-7.4E-16	0	0.003782	0	-0.00186	0
0.18235	0.000692549	0	7.439E-16	-0.00054127	-7.4E-16	0	0.003782	0	0.003171	0
0.1824	0.000692738	0	7.439E-16	-0.00054128	-7.4E-16	0	0.003782	0	-0.00179	0

0.18245	0.000692927	0	7.439E-16	-0.00054128	-7.4E-16	0	0.003782	0	-0.00074	0
0.1825	0.000693117	0	7.439E-16	-0.00054128	-7.4E-16	0	0.003782	0	0.00029	0
0.18255	0.000693306	0	7.439E-16	-0.00054128	-7.4E-16	0	0.003782	0	-0.00064	0
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0.18265	0.000693684	0	7.438E-16	-0.00054128	-7.4E-16	0	0.003782	0	-0.00048	0
0.1827	0.000693873	0	7.438E-16	-0.00054129	-7.4E-16	0	0.003782	0	-0.0001	0
0.18275	0.000694062	0	7.438E-16	-0.00054129	-7.4E-16	0	0.003782	0	0.000583	0
0.1828	0.000694251	0	7.438E-16	-0.0005413	-7.4E-16	0	0.003782	0	-0.00183	0
0.18285	0.00069444	0	7.438E-16	-0.0005413	-7.4E-16	0	0.003782	0	0.000293	0
0.1829	0.000694629	0	7.438E-16	-0.0005413	-7.4E-16	0	0.003782	0	-0.00031	0
0.18295	0.000694818	0	7.438E-16	-0.0005413	-7.4E-16	0	0.003782	0	-0.00078	0
0.183	0.000695008	0	7.438E-16	-0.0005413	-7.4E-16	0	0.003782	0	0.000381	0
0.18305	0.000695197	0	7.438E-16	-0.00054131	-7.4E-16	0	0.003782	0	-0.00091	0
0.1831	0.000695386	0	7.438E-16	-0.00054131	-7.4E-16	0	0.003782	0	0.000125	0
0.18315	0.000695575	0	7.438E-16	-0.00054132	-7.4E-16	0	0.003782	0	-0.00042	0
0.1832	0.000695764	0	7.438E-16	-0.00054132	-7.4E-16	0	0.003782	0	-0.00083	0
0.18325	0.000695953	0	7.438E-16	-0.00054132	-7.4E-16	0	0.003782	0	-0.00087	0
0.1833	0.000696142	0	7.438E-16	-0.00054133	-7.4E-16	0	0.003782	0	0.001458	0
0.18335	0.000696331	0	7.438E-16	-0.00054133	-7.4E-16	0	0.003782	0	-0.00151	0
0.1834	0.00069652	0	7.437E-16	-0.00054133	-7.4E-16	0	0.003782	0	-0.00081	0
0.18345	0.000696709	0	7.437E-16	-0.00054134	-7.4E-16	0	0.003782	0	0.000872	0
0.1835	0.000696899	0	7.437E-16	-0.00054134	-7.4E-16	0	0.003782	0	-0.00156	0
0.18355	0.000697088	0	7.437E-16	-0.00054134	-7.4E-16	0	0.003782	0	0.000585	0
0.1836	0.000697277	0	7.437E-16	-0.00054134	-7.4E-16	0	0.003782	0	-0.0001	0
0.18365	0.000697466	0	7.437E-16	-0.00054135	-7.4E-16	0	0.003782	0	-0.00284	0
0.1837	0.000697655	0	7.437E-16	-0.00054136	-7.4E-16	0	0.003782	0	0.002163	0
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0.1838	0.000698033	0	7.437E-16	-0.00054136	-7.4E-16	0	0.003782	0	-0.00216	0
0.18385	0.000698222	0	7.437E-16	-0.00054136	-7.4E-16	0	0.003782	0	0.001083	0
0.1839	0.000698411	0	7.437E-16	-0.00054137	-7.4E-16	0	0.003782	0	-0.00013	0
0.18395	0.0006986	0	7.437E-16	-0.00054137	-7.4E-16	0	0.003782	0	-0.00164	0
0.184	0.000698789	0	7.437E-16	-0.00054138	-7.4E-16	0	0.003782	0	0.001144	0
0.18405	0.000698978	0	7.437E-16	-0.00054138	-7.4E-16	0	0.003782	0	-0.00077	0



0.1841	0.000699168	0	7.436E-16	-0.00054138	-7.4E-16	0	0.003782	0	-0.00109	0
0.18415	0.000699357	0	7.519E-16	-0.00054948	-7.4E-16	0	0.003782	0	0.891511	0
0.1842	0.000699548	0	7.519E-16	-0.00054948	-7.6E-16	0	0.003826	0	-0.55469	0
0.18425	0.000699738	0	7.519E-16	-0.00054948	-7.5E-16	0	0.003798	0	-0.09867	0
0.1843	0.000699928	0	7.519E-16	-0.00054949	-7.5E-16	0	0.003793	0	0.337293	0
0.18435	0.000700118	0	7.519E-16	-0.00054949	-7.5E-16	0	0.00381	0	-0.16014	0
0.1844	0.000700308	0	7.519E-16	-0.00054949	-7.5E-16	0	0.003802	0	-0.06968	0
0.18445	0.000700498	0	7.519E-16	-0.00054949	-7.5E-16	0	0.003799	0	0.122065	0
0.1845	0.000700688	0	7.519E-16	-0.0005495	-7.5E-16	0	0.003805	0	-0.04177	0
0.18455	0.000700878	0	7.519E-16	-0.0005495	-7.5E-16	0	0.003803	0	-0.03443	0
0.1846	0.000701069	0	7.519E-16	-0.0005495	-7.5E-16	0	0.003801	0	0.040622	0
0.18465	0.000701259	0	7.519E-16	-0.00054951	-7.5E-16	0	0.003803	0	-0.00877	0
0.1847	0.000701449	0	7.519E-16	-0.00054951	-7.5E-16	0	0.003803	0	-0.01556	0
0.18475	0.000701639	0	7.519E-16	-0.00054952	-7.5E-16	0	0.003802	0	0.01349	0
0.1848	0.000701829	0	7.519E-16	-0.00054952	-7.5E-16	0	0.003803	0	-0.0016	0
0.18485	0.000702019	0	1.247E-15	0.000273141	-7.5E-16	0	0.003803	0	53.16406	0
0.1849	0.000702342	0	1.247E-15	0.00027314	-2.2E-15	0	0.006461	0	-72.4756	0
0.18495	0.000702484	0	1.247E-15	0.000273138	-4.2E-16	0	0.002837	0	52.69575	0
0.185	0.000702758	0	1.247E-15	0.00027314	-1.6E-15	0	0.005472	0	-6.86528	0
0.18505	0.000703014	0	1.247E-15	0.000272882	-1.4E-15	0	0.005128	0	-16.3646	0
0.1851	0.00070323	0	1.247E-15	0.000272877	-9.7E-16	0	0.00431	0	21.9756	0
0.18515	0.0007035	0	1.247E-15	0.000272885	-1.5E-15	0	0.005409	0	-18.4401	0
0.1852	0.000703724	0	1.277E-15	0.000245185	-1E-15	0	0.004487	0	15.46372	0
0.18525	0.000703987	0	1.277E-15	0.000245185	-1.4E-15	0	0.00526	0	-9.63439	0
0.1853	0.000704226	0	1.277E-15	0.000245185	-1.2E-15	0	0.004778	0	4.79815	0
0.18535	0.000704477	0	1.277E-15	0.000245186	-1.3E-15	0	0.005018	0	-1.10037	0
0.1854	0.000704725	0	1.277E-15	0.000245187	-1.3E-15	0	0.004963	0	-0.98515	0
0.18545	0.000704971	0	1.277E-15	0.000245185	-1.3E-15	0	0.004914	0	1.78611	0
0.1855	0.000705221	0	1.277E-15	0.000245183	-1.3E-15	0	0.005003	0	-1.77136	0
0.18555	0.000705467	0	1.277E-15	0.000245188	-1.3E-15	0	0.004915	0	1.351011	0
0.1856	0.000705716	0	1.277E-15	0.000245185	-1.3E-15	0	0.004982	0	-0.81874	0
0.18565	0.000705963	0	1.277E-15	0.000245185	-1.3E-15	0	0.004941	0	0.361738	0
0.1857	0.000706211	0	1.277E-15	0.000245182	-1.3E-15	0	0.00496	0	-0.04755	0

0.18575	0.000706459	0	1.277E-15	0.000245186	-1.3E-15	0	0.004957	0	-0.12043	0
0.1858	0.000706707	0	1.277E-15	0.000245182	-1.3E-15	0	0.004951	0	0.174899	0
0.18585	0.000706955	0	1.277E-15	0.000245183	-1.3E-15	0	0.00496	0	-0.16165	0
0.1859	0.000707202	0	1.277E-15	0.00024518	-1.3E-15	0	0.004952	0	0.116057	0
0.18595	0.00070745	0	1.277E-15	0.000245183	-1.3E-15	0	0.004958	0	-0.06697	0
0.186	0.000707698	0	1.277E-15	0.000245184	-1.3E-15	0	0.004954	0	0.026303	0
0.18605	0.000707946	0	1.277E-15	0.000245182	-1.3E-15	0	0.004956	0	-8.2E-05	0
0.1861	0.000708193	0	1.277E-15	0.000245144	-1.3E-15	0	0.004956	0	-0.01113	0
0.18615	0.000708441	0	1.277E-15	0.000245151	-1.3E-15	0	0.004955	0	0.012838	0
0.1862	0.000708689	0	1.277E-15	0.000245142	-1.3E-15	0	0.004956	0	-0.01126	0
0.18625	0.000708937	0	1.277E-15	0.000245146	-1.3E-15	0	0.004955	0	0.007088	0
0.1863	0.000709184	0	1.277E-15	0.000245149	-1.3E-15	0	0.004955	0	-0.00342	0
0.18635	0.000709432	0	1.277E-15	0.000245147	-1.3E-15	0	0.004955	0	-0.00016	0
0.1864	0.00070968	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	0.00125	0
0.18645	0.000709928	0	1.277E-15	0.000245144	-1.3E-15	0	0.004955	0	-0.00234	0
0.1865	0.000710175	0	1.277E-15	0.000245143	-1.3E-15	0	0.004955	0	0.001571	0
0.18655	0.000710423	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	-0.00165	0
0.1866	0.000710671	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	0.000813	0
0.18665	0.000710919	0	1.277E-15	0.000245146	-1.3E-15	0	0.004955	0	-0.00036	0
0.1867	0.000711166	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	-0.00065	0
0.18675	0.000711414	0	1.277E-15	0.00024515	-1.3E-15	0	0.004955	0	0.000594	0
0.1868	0.000711662	0	1.277E-15	0.000245147	-1.3E-15	0	0.004955	0	-0.00153	0
0.18685	0.00071191	0	1.277E-15	0.000245141	-1.3E-15	0	0.004955	0	0.00085	0
0.1869	0.000712158	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	-0.00054	0
0.18695	0.000712405	0	1.277E-15	0.000245141	-1.3E-15	0	0.004955	0	-0.00076	0
0.187	0.000712653	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	0.000522	0
0.18705	0.000712901	0	1.277E-15	0.000245146	-1.3E-15	0	0.004955	0	-0.00058	0
0.1871	0.000713149	0	1.277E-15	0.000245144	-1.3E-15	0	0.004955	0	0.000518	0
0.18715	0.000713396	0	1.277E-15	0.000245144	-1.3E-15	0	0.004955	0	-0.00138	0
0.1872	0.000713644	0	1.277E-15	0.000245146	-1.3E-15	0	0.004955	0	0.000789	0
0.18725	0.000713892	0	1.277E-15	0.000245143	-1.3E-15	0	0.004955	0	-0.00117	0
0.1873	0.00071414	0	1.277E-15	0.000245141	-1.3E-15	0	0.004955	0	0.000867	0
0.18735	0.000714387	0	1.277E-15	0.000245141	-1.3E-15	0	0.004955	0	-0.00168	0

0.1874	0.000714635	0	1.277E-15	0.000245145	-1.3E-15	0	0.004955	0	0.000915	0
0.18745	0.000714883	0	1.277E-15	0.000245144	-1.3E-15	0	0.004955	0	-0.00106	0
0.1875	0.000715131	0	1.277E-15	0.000245143	-1.3E-15	0	0.004955	0	0.000632	0
0.18755	0.000715378	0	1.277E-15	0.000245115	-1.3E-15	0	0.004955	0	-0.00801	0
0.1876	0.000715626	0	1.277E-15	0.000245114	-1.3E-15	0	0.004955	0	0.009731	0
0.18765	0.000715874	0	1.277E-15	0.000245111	-1.3E-15	0	0.004955	0	-0.00896	0
0.1877	0.000716122	0	1.277E-15	0.000245114	-1.3E-15	0	0.004955	0	0.005761	0
0.18775	0.000716369	0	1.277E-15	0.000245112	-1.3E-15	0	0.004955	0	-0.00383	0
0.1878	0.000716617	0	1.277E-15	0.000245115	-1.3E-15	0	0.004955	0	0.001766	0
0.18785	0.000716865	0	1.277E-15	0.000245115	-1.3E-15	0	0.004955	0	-0.00103	0
0.1879	0.000717113	0	1.277E-15	0.000245116	-1.3E-15	0	0.004955	0	-0.00098	0
0.18795	0.00071736	0	1.277E-15	0.000245115	-1.3E-15	0	0.004955	0	0.000582	0
0.188	0.000717608	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	-0.00068	0
0.18805	0.000717856	0	1.277E-15	0.000245118	-1.3E-15	0	0.004955	0	0.000465	0
0.1881	0.000718103	0	1.277E-15	0.000245121	-1.3E-15	0	0.004955	0	-0.00099	0
0.18815	0.000718351	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	9.82E-05	0
0.1882	0.000718599	0	1.277E-15	0.00024512	-1.3E-15	0	0.004955	0	-0.00062	0
0.18825	0.000718847	0	1.277E-15	0.000245118	-1.3E-15	0	0.004955	0	9.53E-05	0
0.1883	0.000719094	0	1.277E-15	0.000245122	-1.3E-15	0	0.004955	0	-0.00071	0
0.18835	0.000719342	0	1.277E-15	0.000245121	-1.3E-15	0	0.004955	0	0.000304	0
0.1884	0.00071959	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	-6.8E-05	0
0.18845	0.000719838	0	1.277E-15	0.000245125	-1.3E-15	0	0.004955	0	-0.00152	0
0.1885	0.000720085	0	1.277E-15	0.000245126	-1.3E-15	0	0.004955	0	0.001874	0
0.18855	0.000720333	0	1.277E-15	0.000245124	-1.3E-15	0	0.004955	0	-0.00219	0
0.1886	0.000720581	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	0.001291	0
0.18865	0.000720829	0	1.277E-15	0.000245123	-1.3E-15	0	0.004955	0	-0.00138	0
0.1887	0.000721076	0	1.277E-15	0.000245122	-1.3E-15	0	0.004955	0	0.000728	0
0.18875	0.000721324	0	1.277E-15	0.000245122	-1.3E-15	0	0.004955	0	-0.00076	0
0.1888	0.000721572	0	1.277E-15	0.000245121	-1.3E-15	0	0.004955	0	-0.00064	0
0.18885	0.000721819	0	1.277E-15	0.000245121	-1.3E-15	0	0.004955	0	0.000642	0
0.1889	0.000722067	0	1.277E-15	0.000245122	-1.3E-15	0	0.004955	0	-0.00065	0
0.18895	0.000722315	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	-2.3E-05	0
0.189	0.000722563	0	1.277E-15	0.000245121	-1.3E-15	0	0.004955	0	-0.00106	0

0.18905	0.00072281	0	1.277E-15	0.000245118	-1.3E-15	0	0.004955	0	0.000793	0
0.1891	0.000723058	0	1.277E-15	0.000245117	-1.3E-15	0	0.004955	0	-0.00111	0
0.18915	0.000723306	0	1.277E-15	0.000245117	-1.3E-15	0	0.004954	0	0.000176	0
0.1892	0.000723554	0	1.277E-15	0.000245119	-1.3E-15	0	0.004955	0	-1E-05	0
0.18925	0.000723801	0	1.276E-15	0.000245121	-1.3E-15	0	0.004955	0	-0.00092	0
0.1893	0.000724049	0	1.276E-15	0.000245117	-1.3E-15	0	0.004954	0	0.000937	0
0.18935	0.000724297	0	1.276E-15	0.000245116	-1.3E-15	0	0.004955	0	-0.00112	0
0.1894	0.000724544	0	1.276E-15	0.000245114	-1.3E-15	0	0.004954	0	0.000139	0
0.18945	0.000724792	0	1.276E-15	0.000245117	-1.3E-15	0	0.004954	0	0.00019	0
0.1895	0.00072504	0	1.276E-15	0.000245115	-1.3E-15	0	0.004954	0	-0.00148	0
0.18955	0.000725288	0	1.276E-15	0.000245116	-1.3E-15	0	0.004954	0	0.000848	0
0.1896	0.000725535	0	1.276E-15	0.000245112	-1.3E-15	0	0.004954	0	-0.00091	0
0.18965	0.000725783	0	1.276E-15	0.000245115	-1.3E-15	0	0.004954	0	-7.8E-05	0
0.1897	0.000726031	0	1.276E-15	0.000245112	-1.3E-15	0	0.004954	0	6.84E-05	0
0.18975	0.000726279	0	1.276E-15	0.00024511	-1.3E-15	0	0.004954	0	-0.00145	0
0.1898	0.000726526	0	1.276E-15	0.000245107	-1.3E-15	0	0.004954	0	0.001353	0
0.18985	0.000726774	0	1.276E-15	0.00024511	-1.3E-15	0	0.004954	0	-0.00097	0
0.1899	0.000727022	0	1.276E-15	0.00024511	-1.3E-15	0	0.004954	0	-0.00016	0
0.18995	0.000727269	0	1.276E-15	0.00024511	-1.3E-15	0	0.004954	0	-5.9E-05	0
0.19	0.000727517	0	1.276E-15	0.000245106	-1.3E-15	0	0.004954	0	0.000296	0
0.19005	0.000727765	0	1.276E-15	0.000245109	-1.3E-15	0	0.004954	0	-0.00132	0
0.1901	0.000728013	0	1.276E-15	0.000245108	-1.3E-15	0	0.004954	0	0.000685	0
0.19015	0.00072826	0	1.276E-15	0.000245105	-1.3E-15	0	0.004954	0	-0.00125	0
0.1902	0.000728508	0	1.276E-15	0.000245106	-1.3E-15	0	0.004954	0	0.000937	0
0.19025	0.000728756	0	1.276E-15	0.000245108	-1.3E-15	0	0.004954	0	-0.00158	0
0.1903	0.000729003	0	1.276E-15	0.000245105	-1.3E-15	0	0.004954	0	0.000935	0
0.19035	0.000729251	0	1.276E-15	0.000245104	-1.3E-15	0	0.004954	0	-0.00079	0
0.1904	0.000729499	0	1.276E-15	0.000245101	-1.3E-15	0	0.004954	0	-0.00035	0
0.19045	0.000729747	0	1.276E-15	0.000245106	-1.3E-15	0	0.004954	0	-0.00043	0
0.1905	0.000729994	0	1.276E-15	0.000245101	-1.3E-15	0	0.004954	0	0.001434	0
0.19055	0.000730242	0	1.276E-15	0.0002451	-1.3E-15	0	0.004954	0	-0.00306	0
0.1906	0.00073049	0	1.276E-15	0.000245097	-1.3E-15	0	0.004954	0	0.002224	0
0.19065	0.000730737	0	1.276E-15	0.000245103	-1.3E-15	0	0.004954	0	-0.00123	0

0.1907	0.000730985	0	1.276E-15	0.0002451	-1.3E-15	0	0.004954	0	-0.00107	0
0.19075	0.000731233	0	1.276E-15	0.000245097	-1.3E-15	0	0.004954	0	0.001223	0
0.1908	0.00073148	0	1.276E-15	0.000245096	-1.3E-15	0	0.004954	0	-0.00108	0
0.19085	0.000731728	0	1.276E-15	0.000245096	-1.3E-15	0	0.004954	0	0.000141	0
0.1909	0.000731976	0	1.276E-15	0.000245095	-1.3E-15	0	0.004954	0	-1.7E-05	0
0.19095	0.000732224	0	1.276E-15	0.000245098	-1.3E-15	0	0.004954	0	-0.00127	0
0.191	0.000732471	0	1.276E-15	0.000245094	-1.3E-15	0	0.004954	0	0.000602	0
0.19105	0.000732719	0	1.276E-15	0.000245094	-1.3E-15	0	0.004954	0	0.000118	0
0.1911	0.000732967	0	1.276E-15	0.000245091	-1.3E-15	0	0.004954	0	-0.00101	0
0.19115	0.000733214	0	1.276E-15	0.000245094	-1.3E-15	0	0.004954	0	0.000746	0
0.1912	0.000733462	0	1.276E-15	0.000245096	-1.3E-15	0	0.004954	0	-0.00113	0
0.19125	0.00073371	0	1.276E-15	0.000245089	-1.3E-15	0	0.004954	0	-0.00038	0
0.1913	0.000733957	0	1.276E-15	0.000245091	-1.3E-15	0	0.004954	0	0.000829	0
0.19135	0.000734205	0	1.276E-15	0.00024509	-1.3E-15	0	0.004954	0	-0.00206	0
0.1914	0.000734453	0	1.276E-15	0.00024509	-1.3E-15	0	0.004954	0	0.002879	0
0.19145	0.000734701	0	1.276E-15	0.000245092	-1.3E-15	0	0.004954	0	-0.00355	0
0.1915	0.000734948	0	1.276E-15	0.000245092	-1.3E-15	0	0.004954	0	0.002385	0
0.19155	0.000735196	0	1.276E-15	0.000245091	-1.3E-15	0	0.004954	0	-0.00289	0
0.1916	0.000735444	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	0.00208	0
0.19165	0.000735691	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	-0.00162	0
0.1917	0.000735939	0	1.276E-15	0.000245087	-1.3E-15	0	0.004954	0	0.000511	0
0.19175	0.000736187	0	1.276E-15	0.000245087	-1.3E-15	0	0.004954	0	-0.00062	0
0.1918	0.000736434	0	1.276E-15	0.000245087	-1.3E-15	0	0.004954	0	-0.0005	0
0.19185	0.000736682	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	0.000815	0
0.1919	0.00073693	0	1.276E-15	0.000245085	-1.3E-15	0	0.004954	0	-0.00128	0
0.19195	0.000737178	0	1.276E-15	0.000245087	-1.3E-15	0	0.004954	0	0.000545	0
0.192	0.000737425	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	-0.0009	0
0.19205	0.000737673	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	0.000852	0
0.1921	0.000737921	0	1.276E-15	0.000245081	-1.3E-15	0	0.004954	0	-0.00168	0
0.19215	0.000738168	0	1.276E-15	0.000245086	-1.3E-15	0	0.004954	0	9.89E-05	0
0.1922	0.000738416	0	1.276E-15	0.000245083	-1.3E-15	0	0.004954	0	0.00044	0
0.19225	0.000738664	0	1.276E-15	0.000245082	-1.3E-15	0	0.004954	0	-0.00069	0
0.1923	0.000738911	0	1.276E-15	0.00024508	-1.3E-15	0	0.004954	0	-0.0004	0

0.19235	0.000739159	0	1.276E-15	0.000245076	-1.3E-15	0	0.004954	0	-4.9E-05	0
0.1924	0.000739407	0	1.276E-15	0.000245078	-1.3E-15	0	0.004954	0	-0.00038	0
0.19245	0.000739654	0	1.276E-15	0.00024508	-1.3E-15	0	0.004954	0	0.000202	0
0.1925	0.000739902	0	1.276E-15	0.000245077	-1.3E-15	0	0.004954	0	-0.00028	0
0.19255	0.00074015	0	1.276E-15	0.000245079	-1.3E-15	0	0.004954	0	-0.00163	0
0.1926	0.000740398	0	1.276E-15	0.000245076	-1.3E-15	0	0.004954	0	0.002782	0
0.19265	0.000740645	0	1.276E-15	0.000245064	-1.3E-15	0	0.004954	0	-0.00464	0
0.1927	0.000740893	0	1.276E-15	0.000245069	-1.3E-15	0	0.004954	0	0.00301	0
0.19275	0.000741141	0	1.276E-15	0.000245064	-1.3E-15	0	0.004954	0	-0.00163	0
0.1928	0.000741388	0	1.276E-15	0.000245069	-1.3E-15	0	0.004954	0	-0.00065	0
0.19285	0.000741636	0	1.276E-15	0.000245064	-1.3E-15	0	0.004954	0	0.001996	0
0.1929	0.000741884	0	1.276E-15	0.000245062	-1.3E-15	0	0.004954	0	-0.00364	0
0.19295	0.000742131	0	1.276E-15	0.000245066	-1.3E-15	0	0.004954	0	0.003287	0
0.193	0.000742379	0	1.276E-15	0.000245063	-1.3E-15	0	0.004954	0	-0.00309	0
0.19305	0.000742627	0	1.276E-15	0.000245063	-1.3E-15	0	0.004954	0	0.000819	0
0.1931	0.000742874	0	1.276E-15	0.000245058	-1.3E-15	0	0.004954	0	0.000505	0
0.19315	0.000743122	0	1.276E-15	0.000245065	-1.3E-15	0	0.004954	0	-0.00113	0
0.1932	0.00074337	0	1.276E-15	0.000245067	-1.3E-15	0	0.004954	0	0.00041	0
0.19325	0.000743617	0	1.274E-15	0.000234093	-1.3E-15	0	0.004954	0	-0.25818	0
0.1933	0.000743864	0	1.274E-15	0.000234104	-1.3E-15	0	0.004941	0	0.323057	0
0.19335	0.000744112	0	1.274E-15	0.000234103	-1.3E-15	0	0.004957	0	-0.2784	0
0.1934	0.000744359	0	1.274E-15	0.000234102	-1.3E-15	0	0.004943	0	0.188106	0
0.19345	0.000744607	0	1.274E-15	0.0002341	-1.3E-15	0	0.004952	0	-0.09826	0
0.1935	0.000744854	0	1.274E-15	0.000234101	-1.3E-15	0	0.004947	0	0.029597	0
0.19355	0.000745102	0	1.274E-15	0.000234097	-1.3E-15	0	0.004949	0	0.011161	0
0.1936	0.000745349	0	1.274E-15	0.000234101	-1.3E-15	0	0.004949	0	-0.02948	0
0.19365	0.000745597	0	1.274E-15	0.000234096	-1.3E-15	0	0.004948	0	0.030402	0
0.1937	0.000745844	0	1.274E-15	0.000234097	-1.3E-15	0	0.004949	0	-0.02326	0
0.19375	0.000746092	0	1.274E-15	0.000234098	-1.3E-15	0	0.004948	0	0.012546	0
0.1938	0.000746339	0	1.274E-15	0.000234099	-1.3E-15	0	0.004949	0	-0.00393	0
0.19385	0.000746586	0	1.274E-15	0.000234095	-1.3E-15	0	0.004949	0	-0.00236	0
0.1939	0.000746834	0	1.274E-15	0.000234097	-1.3E-15	0	0.004949	0	0.004509	0
0.19395	0.000747081	0	1.274E-15	0.000234097	-1.3E-15	0	0.004949	0	-0.00554	0

0.194	0.000747329	0	1.274E-15	0.000234094	-1.3E-15	0	0.004949	0	0.005693	0
0.19405	0.000747576	0	1.109E-15	0.000106796	-1.3E-15	0	0.004949	0	-17.6443	0
0.1941	0.000747779	0	1.109E-15	0.000106791	-8.6E-16	0	0.004067	0	17.90781	0
0.19415	0.000748028	0	1.109E-15	0.000106792	-1.3E-15	0	0.004962	0	-9.42357	0
0.1942	0.000748252	0	1.109E-15	0.000106789	-1E-15	0	0.004491	0	1.762295	0
0.19425	0.000748481	0	1.109E-15	0.000106791	-1.1E-15	0	0.004579	0	2.895131	0
0.1943	0.000748717	0	1.109E-15	0.000106788	-1.2E-15	0	0.004724	0	-4.05222	0
0.19435	0.000748943	0	1.109E-15	0.000106785	-1.1E-15	0	0.004521	0	2.924515	0
0.1944	0.000749177	0	1.109E-15	0.000106785	-1.1E-15	0	0.004667	0	-1.08433	0
0.19445	0.000749407	0	1.109E-15	0.000106783	-1.1E-15	0	0.004613	0	-0.28188	0
0.1945	0.000749637	0	1.109E-15	0.000106782	-1.1E-15	0	0.004599	0	0.842755	0
0.19455	0.000749869	0	1.109E-15	0.000106781	-1.1E-15	0	0.004641	0	-0.7676	0
0.1946	0.000750099	0	1.109E-15	0.000106781	-1.1E-15	0	0.004603	0	0.40628	0
0.19465	0.000750331	0	1.109E-15	0.000106781	-1.1E-15	0	0.004623	0	-0.05384	0
0.1947	0.000750562	0	1.109E-15	0.000106782	-1.1E-15	0	0.00462	0	-0.1461	0
0.19475	0.000750792	0	1.109E-15	0.000106781	-1.1E-15	0	0.004613	0	0.183935	0
0.1948	0.000751023	0	1.109E-15	0.000106781	-1.1E-15	0	0.004622	0	-0.12494	0
0.19485	0.000751254	0	1.109E-15	0.000106778	-1.1E-15	0	0.004616	0	0.041252	0
0.1949	0.000751485	0	1.109E-15	0.000106777	-1.1E-15	0	0.004618	0	0.01757	0
0.19495	0.000751716	0	1.109E-15	0.000106774	-1.1E-15	0	0.004619	0	-0.03985	0
0.195	0.000751947	0	1.109E-15	0.000106775	-1.1E-15	0	0.004617	0	0.032783	0
0.19505	0.000752178	0	1.109E-15	0.000106774	-1.1E-15	0	0.004619	0	-0.015	0
0.1951	0.000752409	0	1.109E-15	0.000106772	-1.1E-15	0	0.004618	0	-0.00103	0
0.19515	0.00075264	0	1.109E-15	0.000106772	-1.1E-15	0	0.004618	0	0.007947	0
0.1952	0.000752871	0	1.109E-15	0.000106773	-1.1E-15	0	0.004618	0	-0.0091	0
0.19525	0.000753101	0	1.109E-15	0.000106771	-1.1E-15	0	0.004618	0	0.005588	0
0.1953	0.000753332	0	1.109E-15	0.000106772	-1.1E-15	0	0.004618	0	-0.00195	0
0.19535	0.000753563	0	1.109E-15	0.00010677	-1.1E-15	0	0.004618	0	-0.00122	0
0.1954	0.000753794	0	1.109E-15	0.00010677	-1.1E-15	0	0.004618	0	0.001236	0
0.19545	0.000754025	0	1.109E-15	0.000106769	-1.1E-15	0	0.004618	0	-0.00108	0
0.1955	0.000754256	0	1.113E-15	0.000121276	-1.1E-15	0	0.004618	0	0.38513	0
0.19555	0.000754488	0	1.113E-15	0.000121276	-1.1E-15	0	0.004637	0	-0.41634	0
0.1956	0.000754719	0	1.113E-15	0.000121279	-1.1E-15	0	0.004616	0	0.257727	0

0.19565	0.00075495	0	1.113E-15	0.000121274	-1.1E-15	0	0.004629	0	-0.07074	0
0.1957	0.000755181	0	1.113E-15	0.000121274	-1.1E-15	0	0.004626	0	-0.05344	0
0.19575	0.000755412	0	1.113E-15	0.000121272	-1.1E-15	0	0.004623	0	0.093102	0
0.1958	0.000755644	0	1.113E-15	0.00012127	-1.1E-15	0	0.004628	0	-0.07526	0
0.19585	0.000755875	0	1.113E-15	0.000121269	-1.1E-15	0	0.004624	0	0.034852	0
0.1959	0.000756106	0	1.112E-15	0.000121269	-1.1E-15	0	0.004626	0	-0.0005	0
0.19595	0.000756338	0	1.113E-15	0.000121333	-1.1E-15	0	0.004626	0	-0.0015	0
0.196	0.000756569	0	1.113E-15	0.000121334	-1.1E-15	0	0.004626	0	0.000558	0
0.19605	0.0007568	0	1.113E-15	0.000121334	-1.1E-15	0	0.004626	0	-0.00029	0
0.1961	0.000757031	0	1.113E-15	0.000121334	-1.1E-15	0	0.004626	0	-0.00055	0
0.19615	0.000757263	0	1.113E-15	0.00012133	-1.1E-15	0	0.004626	0	0.000146	0
0.1962	0.000757494	0	1.113E-15	0.00012133	-1.1E-15	0	0.004626	0	-0.00057	0
0.19625	0.000757725	0	1.113E-15	0.00012133	-1.1E-15	0	0.004626	0	5.92E-05	0
0.1963	0.000757957	0	1.113E-15	0.000121328	-1.1E-15	0	0.004626	0	-0.00095	0
0.19635	0.000758188	0	1.113E-15	0.000121328	-1.1E-15	0	0.004625	0	0.000402	0
0.1964	0.000758419	0	1.113E-15	0.00012133	-1.1E-15	0	0.004625	0	-0.0005	0
0.19645	0.00075865	0	1.113E-15	0.000121326	-1.1E-15	0	0.004625	0	0.000409	0
0.1965	0.000758882	0	1.113E-15	0.000121328	-1.1E-15	0	0.004625	0	-0.00082	0
0.19655	0.000759113	0	1.113E-15	0.000121326	-1.1E-15	0	0.004625	0	-0.00041	0
0.1966	0.000759344	0	1.113E-15	0.000121328	-1.1E-15	0	0.004625	0	0.000149	0
0.19665	0.000759575	0	1.113E-15	0.000121322	-1.1E-15	0	0.004625	0	-0.00029	0
0.1967	0.000759807	0	1.113E-15	0.000121322	-1.1E-15	0	0.004625	0	-0.00088	0
0.19675	0.000760038	0	1.113E-15	0.000121324	-1.1E-15	0	0.004625	0	0.000678	0
0.1968	0.000760269	0	1.113E-15	0.000121322	-1.1E-15	0	0.004625	0	-0.00027	0
0.19685	0.000760501	0	1.113E-15	0.000121321	-1.1E-15	0	0.004625	0	-0.00058	0
0.1969	0.000760732	0	1.113E-15	0.00012132	-1.1E-15	0	0.004625	0	0.000317	0
0.19695	0.000760963	0	1.113E-15	0.000121316	-1.1E-15	0	0.004625	0	-0.00097	0
0.197	0.000761194	0	1.113E-15	0.000121318	-1.1E-15	0	0.004625	0	-0.00025	0
0.19705	0.000761426	0	1.113E-15	0.000121319	-1.1E-15	0	0.004625	0	0.000788	0
0.1971	0.000761657	0	1.113E-15	0.000121317	-1.1E-15	0	0.004625	0	-0.00184	0
0.19715	0.000761888	0	1.112E-15	0.000121313	-1.1E-15	0	0.004625	0	0.000866	0
0.1972	0.000762119	0	1.112E-15	0.000121318	-1.1E-15	0	0.004625	0	-0.00074	0
0.19725	0.000762351	0	1.112E-15	0.000121316	-1.1E-15	0	0.004625	0	0.000439	0



0.1973	0.000762582	0	1.112E-15	0.000121312	-1.1E-15	0	0.004625	0	-0.00052	0
0.19735	0.000762813	0	1.112E-15	0.000121309	-1.1E-15	0	0.004625	0	-0.00075	0
0.1974	0.000763044	0	1.112E-15	0.000121308	-1.1E-15	0	0.004625	0	0.000749	0
0.19745	0.000763276	0	1.112E-15	0.000121308	-1.1E-15	0	0.004625	0	-0.00105	0
0.1975	0.000763507	0	1.112E-15	0.000121307	-1.1E-15	0	0.004625	0	-0.00097	0
0.19755	0.000763738	0	1.112E-15	0.000121306	-1.1E-15	0	0.004625	0	0.002446	0
0.1976	0.00076397	0	1.112E-15	0.000121306	-1.1E-15	0	0.004625	0	-0.0036	0
0.19765	0.000764201	0	1.112E-15	0.000121303	-1.1E-15	0	0.004625	0	0.001996	0
0.1977	0.000764432	0	1.112E-15	0.0001213	-1.1E-15	0	0.004625	0	-0.00071	0
0.19775	0.000764663	0	1.112E-15	0.0001213	-1.1E-15	0	0.004625	0	-0.00088	0
0.1978	0.000764895	0	1.112E-15	0.000121299	-1.1E-15	0	0.004625	0	0.000519	0
0.19785	0.000765126	0	1.112E-15	0.000121295	-1.1E-15	0	0.004625	0	-0.00089	0
0.1979	0.000765357	0	1.112E-15	0.000121296	-1.1E-15	0	0.004625	0	-0.00044	0
0.19795	0.000765588	0	1.112E-15	0.000121659	-1.1E-15	0	0.004625	0	-0.01963	0
0.198	0.00076582	0	1.112E-15	0.000121655	-1.1E-15	0	0.004624	0	0.02157	0
0.19805	0.000766051	0	1.112E-15	0.000121654	-1.1E-15	0	0.004625	0	-0.01473	0
0.1981	0.000766282	0	1.112E-15	0.000121656	-1.1E-15	0	0.004624	0	0.004898	0
0.19815	0.000766513	0	1.112E-15	0.000121653	-1.1E-15	0	0.004625	0	0.001635	0
0.1982	0.000766744	0	1.112E-15	0.00012165	-1.1E-15	0	0.004625	0	-0.00489	0
0.19825	0.000766976	0	1.112E-15	0.000121652	-1.1E-15	0	0.004625	0	0.00332	0
0.1983	0.000767207	0	1.112E-15	0.000121656	-1.1E-15	0	0.004625	0	-0.00123	0
0.19835	0.000767438	0	1.112E-15	0.000121649	-1.1E-15	0	0.004625	0	-0.00157	0
0.1984	0.000767669	0	1.112E-15	0.000121648	-1.1E-15	0	0.004625	0	0.002668	0
0.19845	0.000767901	0	1.112E-15	0.000121647	-1.1E-15	0	0.004625	0	-0.0034	0
0.1985	0.000768132	0	1.112E-15	0.000121645	-1.1E-15	0	0.004625	0	0.002035	0
0.19855	0.000768363	0	1.112E-15	0.000121645	-1.1E-15	0	0.004625	0	-0.00154	0
0.1986	0.000768594	0	1.112E-15	0.00012165	-1.1E-15	0	0.004625	0	-0.00016	0
0.19865	0.000768826	0	1.098E-15	0.00011922	-1.1E-15	0	0.004625	0	-1.46799	0
0.1987	0.000769053	0	1.098E-15	0.00011922	-1.1E-15	0	0.004551	0	1.55573	0
0.19875	0.000769285	0	1.098E-15	0.00011922	-1.1E-15	0	0.004629	0	-0.91725	0
0.1988	0.000769514	0	1.098E-15	0.000119216	-1.1E-15	0	0.004583	0	0.203017	0
0.19885	0.000769743	0	1.098E-15	0.000119216	-1.1E-15	0	0.004593	0	0.242642	0
0.1989	0.000769974	0	1.098E-15	0.000119215	-1.1E-15	0	0.004605	0	-0.36098	0

0.19895	0.000770203	0	1.098E-15	0.000119214	-1.1E-15	0	0.004587	0	0.26254	0
0.199	0.000770433	0	1.098E-15	0.000119214	-1.1E-15	0	0.0046	0	-0.09968	0
0.19905	0.000770663	0	1.098E-15	0.000119213	-1.1E-15	0	0.004595	0	-0.02534	0
0.1991	0.000770892	0	1.098E-15	0.000119212	-1.1E-15	0	0.004594	0	0.076444	0
0.19915	0.000771122	0	1.098E-15	0.00011921	-1.1E-15	0	0.004598	0	-0.06931	0
0.1992	0.000771352	0	1.098E-15	0.000119209	-1.1E-15	0	0.004595	0	0.035281	0
0.19925	0.000771582	0	1.098E-15	0.000119208	-1.1E-15	0	0.004596	0	-0.00385	0
0.1993	0.000771812	0	1.098E-15	0.000119207	-1.1E-15	0	0.004596	0	-0.01424	0
0.19935	0.000772041	0	1.098E-15	0.000119203	-1.1E-15	0	0.004595	0	0.015599	0
0.1994	0.000772271	0	1.098E-15	0.000119205	-1.1E-15	0	0.004596	0	-0.00911	0
0.19945	0.000772501	0	1.098E-15	0.000119201	-1.1E-15	0	0.004596	0	0.00127	0
0.1995	0.000772731	0	1.098E-15	0.000119201	-1.1E-15	0	0.004596	0	0.002503	0
0.19955	0.000772961	0	1.098E-15	0.000119201	-1.1E-15	0	0.004596	0	-0.00354	0
0.1996	0.00077319	0	1.098E-15	0.000119199	-1.1E-15	0	0.004596	0	0.001913	0
0.19965	0.00077342	0	1.098E-15	0.000119199	-1.1E-15	0	0.004596	0	-0.00035	0
0.1997	0.00077365	0	1.098E-15	0.000119197	-1.1E-15	0	0.004596	0	-0.00108	0
0.19975	0.00077388	0	1.098E-15	0.000119196	-1.1E-15	0	0.004596	0	0.000287	0
0.1998	0.00077411	0	1.098E-15	0.000119193	-1.1E-15	0	0.004596	0	-0.00018	0
0.19985	0.000774339	0	1.098E-15	0.000119193	-1.1E-15	0	0.004596	0	0.000136	0
0.1999	0.000774569	0	1.098E-15	0.000119191	-1.1E-15	0	0.004596	0	-0.00042	0
0.19995	0.000774799	0	1.098E-15	0.000119194	-1.1E-15	0	0.004596	0	-0.00043	0
0.2	0.000775029	0	1.098E-15	0.000119189	-1.1E-15	0	0.004596	0	-0.00019	0
0.20005	0.000775259	0					0.004596	0		

**0.003875**

Particle position in space

