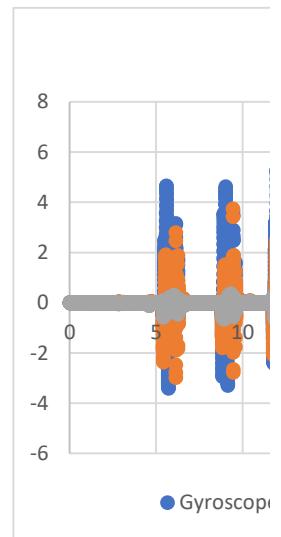


Time (s)	Gyroscope X	Gyroscope Y	Gyroscope Z	Absolute (rad/s)
0.017479	0.000153	-0.0016	-0.00733	0.007505
0.019842	0.000764	-0.00221	-0.00611	0.006542
0.022204	-0.00046	-0.00099	-0.00855	0.008621
0.024567	0.001985	-0.0016	-0.00672	0.007188
0.02693	0.000764	-0.00221	-0.00855	0.008867
0.029293	0.004429	-0.00221	-0.00672	0.008347
0.031655	0.00565	-0.00221	-0.00672	0.009054
0.034018	0.00565	0.00084	-0.00855	0.010284
0.036381	0.001985	0.003283	-0.00855	0.009373
0.038744	0.000764	0.001451	-0.00855	0.008708
0.041107	0.000764	0.000229	-0.00855	0.008589
0.043469	0.000764	-0.00038	-0.00855	0.008594
0.045832	0.001374	-0.00099	-0.00733	0.007524
0.048195	0.001374	0.000229	-0.00794	0.008062
0.050558	0.001985	0.001451	-0.00733	0.007732
0.052921	0.003818	-0.0016	-0.00733	0.008419
0.055283	0.003818	-0.0016	-0.00672	0.007893
0.057646	0.001985	-0.0016	-0.00672	0.007188
0.060009	0.001985	-0.0016	-0.00794	0.008341
0.062372	0.001985	-0.00038	-0.00794	0.008194
0.064734	0.000764	0.000229	-0.00855	0.008589
0.067097	0.001374	0.000229	-0.00733	0.007461
0.06946	0.001985	-0.00221	-0.00733	0.00791
0.071823	0.003818	-0.00221	-0.00733	0.008556
0.074186	-0.00168	-0.00283	-0.00672	0.00748
0.076548	-0.00229	0.000229	-0.00855	0.008856
0.078911	0.000153	0.002062	-0.00733	0.007616
0.081274	-0.00046	0.003894	-0.00794	0.008856
0.083637	-0.00046	0.001451	-0.00672	0.006889
0.086	-0.00107	-0.00344	-0.00733	0.008166
0.088362	0.001374	-0.0016	-0.00855	0.008809
0.090725	0.003818	0.002062	-0.00672	0.007998
0.093088	0.002596	0.003894	-0.00672	0.008189
0.095451	0.000153	0.002672	-0.00794	0.00838
0.097814	0.000764	-0.0016	-0.00794	0.008137
0.100176	0.002596	-0.00527	-0.00916	0.010884
0.102539	0.001985	-0.00405	-0.00855	0.009667
0.104902	0.001985	-0.0016	-0.00794	0.008341
0.107265	0.000764	0.000229	-0.00794	0.007981
0.109627	0.001374	-0.00099	-0.00672	0.00693
0.11199	0.001374	-0.00099	-0.00794	0.00812
0.114353	0.000153	-0.00099	-0.00794	0.008004
0.116716	-0.00107	0.000229	-0.00733	0.007411
0.119079	0.000764	0.002062	-0.00733	0.007653
0.121441	-0.00168	0.003283	-0.00794	0.008756
0.123804	0.000764	0.002672	-0.0055	0.00616
0.126167	0.001374	0.001451	-0.00794	0.008189
0.12853	0.000764	-0.00038	-0.00916	0.009202
0.130893	0.001985	-0.00221	-0.00733	0.00791
0.133255	0.003207	-0.0016	-0.00794	0.008713
0.135618	0.001985	-0.00099	-0.00794	0.008245



0.137981	0.000764	-0.00099	-0.00977	0.009853
0.140344	0.001374	-0.00099	-0.00855	0.008718
0.142706	0.001374	-0.0016	-0.00794	0.008217
0.145069	0.002596	-0.00038	-0.00672	0.007214
0.147432	0.001985	-0.00099	-0.00733	0.007659
0.149795	0.001374	-0.00099	-0.00855	0.008718
0.152158	0.001985	0.000229	-0.00855	0.008782
0.15452	0.000153	-0.00038	-0.00794	0.007952
0.156883	0.000153	0.00084	-0.00794	0.007987
0.159246	-0.00107	0.003283	-0.00794	0.008659
0.161609	-0.00107	0.002672	-0.00794	0.008447
0.163972	0.000153	0.00084	-0.00794	0.007987
0.166334	0.000764	-0.0016	-0.00794	0.008137
0.168697	0.001985	-0.00221	-0.00794	0.00848
0.17106	0.003818	0.001451	-0.01038	0.011159
0.173423	0.000764	0.002062	-0.00794	0.00824
0.175786	0.001374	0.000229	-0.00855	0.008665
0.178148	-0.00046	-0.00038	-0.00794	0.007963
0.180511	-0.00046	-0.00038	-0.00916	0.009182
0.182874	0.000764	-0.0016	-0.00855	0.008734
0.185237	0.001985	-0.00038	-0.00794	0.008194
0.187599	0.002596	-0.00038	-0.00672	0.007214
0.189962	0.001374	-0.00221	-0.00733	0.00778
0.192325	0.003207	-0.0016	-0.00794	0.008713
0.194688	0.001374	-0.00099	-0.00733	0.007524
0.197051	-0.00046	-0.00038	-0.00733	0.007354
0.199413	0.000153	0.000229	-0.00916	0.009167
0.201776	0.000153	0.001451	-0.00733	0.007474
0.204139	-0.00046	-0.00099	-0.00733	0.007411
0.206502	-0.00107	-0.0016	-0.00855	0.008766
0.208865	0.000764	0.000229	-0.01038	0.010415
0.211227	0.000764	0.000229	-0.00855	0.008589
0.21359	0.000764	0.00084	-0.00794	0.008022
0.215953	0.000764	-0.00099	-0.00733	0.007436
0.218316	0.000153	0.000229	-0.00855	0.008556
0.220678	0.000764	0.00084	-0.00855	0.008627
0.223041	0.001374	-0.00099	-0.00794	0.00812
0.225404	0.001374	0.000229	-0.00916	0.009268
0.227767	0.000764	-0.0016	-0.00733	0.007542
0.23013	0.000764	-0.00038	-0.00855	0.008594
0.232492	0.000153	-0.0016	-0.00855	0.008702
0.234855	0.002596	0.000229	-0.00794	0.008358
0.237218	0.000764	-0.00038	-0.00794	0.007987
0.239581	0.002596	0.000229	-0.00855	0.00894
0.241944	0.000153	-0.00221	-0.00855	0.008835
0.244306	0.000764	-0.00099	-0.00733	0.007436
0.246669	-0.00046	-0.00099	-0.00855	0.008621
0.249032	0.000764	0.00084	-0.00916	0.009233
0.251395	0.000153	-0.00099	-0.00794	0.008004
0.253758	0.000153	0.000229	-0.00733	0.007335
0.25612	0.001374	0.000229	-0.00855	0.008665
0.258483	0.000764	0.000229	-0.01161	0.011633

0.260846	0.000764	-0.00099	-0.00855	0.008643
0.263209	0.002596	0.000229	-0.00794	0.008358
0.265571	0.001985	-0.00099	-0.00794	0.008245
0.267934	0.002596	-0.0016	-0.00733	0.00794
0.270297	0.002596	-0.00221	-0.00672	0.007536
0.27266	0.001374	-0.00099	-0.01038	0.010522
0.275023	0.000764	-0.00038	-0.00794	0.007987
0.277385	0.001985	-0.00038	-0.00611	0.006434
0.279748	-0.00107	0.000229	-0.00794	0.008016
0.282111	0.000764	-0.0016	-0.00794	0.008137
0.284474	0.000153	-0.0016	-0.00855	0.008702
0.286837	-0.00107	-0.00099	-0.0055	0.005688
0.289199	0.001374	-0.0016	-0.00916	0.009403
0.291562	0.000153	0.000229	-0.00733	0.007335
0.293925	0.000764	0.001451	-0.00855	0.008708
0.296288	-0.00046	-0.00099	-0.00611	0.006206
0.29865	0.000764	0.000229	-0.00855	0.008589
0.301013	0.000764	-0.00099	-0.00794	0.008039
0.303376	0.000764	0.00084	-0.00916	0.009233
0.305739	0.001374	-0.00099	-0.00794	0.00812
0.308102	0.001374	0.000229	-0.00855	0.008665
0.310464	0.000764	-0.00099	-0.00733	0.007436
0.312827	0.001374	-0.00038	-0.00733	0.007468
0.31519	0.001374	-0.0016	-0.00794	0.008217
0.317553	0.000764	-0.0016	-0.00733	0.007542
0.319916	0.000153	0.000229	-0.00672	0.006725
0.322278	0.001985	-0.00038	-0.00733	0.007604
0.324641	-0.00046	-0.00038	-0.00733	0.007354
0.327004	-0.00046	0.000229	-0.00916	0.009177
0.329367	0.000764	0.00084	-0.00855	0.008627
0.331729	0.000153	-0.00038	-0.00916	0.009172
0.334092	0.000153	0.000229	-0.00794	0.007946
0.336455	-0.00046	-0.0016	-0.00916	0.009313
0.338818	0.001985	-0.00221	-0.00855	0.009054
0.341181	0.001374	-0.00038	-0.00916	0.009273
0.343543	0.000153	0.00084	-0.00794	0.007987
0.345906	0.001374	0.000229	-0.00733	0.007461
0.348269	0.001985	-0.00099	-0.00733	0.007659
0.350632	0.000764	-0.0016	-0.00733	0.007542
0.352995	0.000153	0.000229	-0.00794	0.007946
0.355357	0.000764	0.000229	-0.00733	0.007373
0.35772	0.001985	-0.00221	-0.00672	0.007348
0.360083	0.000764	-0.00038	-0.00672	0.006773
0.362446	0.001374	0.00084	-0.00794	0.008103
0.364809	-0.00046	0.000229	-0.01038	0.010397
0.367171	0.001985	0.000229	-0.00855	0.008782
0.369534	0.001374	-0.00038	-0.00916	0.009273
0.371897	0.000764	-0.00099	-0.00855	0.008643
0.37426	0.000764	-0.00099	-0.00916	0.009248
0.376622	0.000764	-0.00038	-0.00855	0.008594
0.378985	0.000764	-0.00038	-0.00733	0.00738
0.381348	0.000764	0.000229	-0.00794	0.007981

0.383711	0.001985	-0.00099	-0.00794	0.008245
0.386074	0.000764	-0.00099	-0.00916	0.009248
0.388436	0.000153	-0.00099	-0.011	0.011041
0.390799	0.001374	-0.00038	-0.00794	0.008068
0.393162	0.002596	-0.00099	-0.00916	0.009575
0.395525	0.001985	-0.00283	-0.00855	0.009223
0.397888	0.000153	0.000229	-0.00794	0.007946
0.40025	0.001374	-0.00038	-0.00855	0.00867
0.402613	-0.00168	-0.00099	-0.00733	0.007585
0.404976	0.000153	0.001451	-0.00733	0.007474
0.407339	-0.00168	0.00084	-0.0055	0.00581
0.409702	0.000764	0.000229	-0.00794	0.007981
0.412064	0.000764	0.00084	-0.00977	0.009839
0.414427	0.000764	-0.0016	-0.00977	0.009934
0.41679	0.000764	0.000229	-0.00977	0.009806
0.419153	-0.00168	0.00084	-0.00855	0.008756
0.421515	-0.0029	-0.00221	-0.00916	0.009863
0.423878	0.001374	0.000229	-0.00855	0.008665
0.426241	-0.00046	-0.00038	-0.00855	0.008573
0.428604	0.001374	0.000229	-0.00794	0.008062
0.430967	0.000153	-0.00038	-0.00733	0.007342
0.433329	0.001985	0.000229	-0.00794	0.008189
0.435692	0.001374	-0.00099	-0.00916	0.009318
0.438055	0.000764	-0.00099	-0.00855	0.008643
0.440418	0.000153	-0.00283	-0.00672	0.007291
0.442781	0.001374	-0.00038	-0.00733	0.007468
0.445143	-0.00046	-0.00038	-0.00855	0.008573
0.447506	0.002596	-0.00038	-0.00916	0.009531
0.449869	0.003818	0.000229	-0.00916	0.009929
0.452232	0.001985	0.00084	-0.00855	0.008819
0.454594	0.001985	-0.00038	-0.00916	0.009383
0.456957	0.001985	0.000229	-0.00916	0.009378
0.45932	0.000153	0.00084	-0.0055	0.005564
0.461683	0.001985	-0.0016	-0.00733	0.007762
0.464046	0.001374	-0.00038	-0.00855	0.00867
0.466408	0.000153	-0.00038	-0.00733	0.007342
0.468771	0.000153	-0.00038	-0.00916	0.009172
0.471134	0.000764	-0.00099	-0.00916	0.009248
0.473497	0.001374	-0.00038	-0.00794	0.008068
0.47586	0.000764	0.000229	-0.00733	0.007373
0.478222	0.000153	-0.0016	-0.00794	0.008103
0.480585	0.001374	0.000229	-0.00672	0.006862
0.482948	0.001374	-0.00038	-0.00611	0.006273
0.485311	0.001985	0.00084	-0.00794	0.008228
0.487674	0.000153	0.000229	-0.011	0.010999
0.490036	-0.00107	-0.00038	-0.00794	0.008022
0.492399	0.001374	0.00084	-0.00733	0.007505
0.494762	0.000764	-0.00038	-0.00916	0.009202
0.497125	0.000153	0.000229	-0.00794	0.007946
0.499487	0.000153	0.00084	-0.00855	0.008594
0.50185	0.001374	0.000229	-0.00733	0.007461
0.504213	0.000764	0.00084	-0.00916	0.009233

0.506576	-0.00046	-0.00038	-0.00733	0.007354
0.508939	0.001985	-0.00038	-0.00916	0.009383
0.511301	0.001374	-0.00038	-0.00794	0.008068
0.513664	0.000764	0.000229	-0.00916	0.009197
0.516027	-0.00046	-0.0016	-0.00855	0.008713
0.51839	-0.00046	0.000229	-0.00916	0.009177
0.520753	-0.00046	-0.00099	-0.00916	0.009228
0.523115	0.000764	-0.00099	-0.00733	0.007436
0.525478	0.001985	-0.00099	-0.00855	0.008835
0.527841	0.001985	-0.0016	-0.00855	0.008925
0.530204	0.000764	-0.00038	-0.00977	0.009811
0.532566	0.001374	-0.00038	-0.00916	0.009273
0.534929	0.000764	0.00084	-0.00855	0.008627
0.537292	0.001985	0.000229	-0.00916	0.009378
0.539655	0.001985	0.00084	-0.00855	0.008819
0.542018	0.000153	-0.00099	-0.00794	0.008004
0.54438	0.000764	0.000229	-0.00733	0.007373
0.546743	0.001985	-0.0016	-0.00855	0.008925
0.549106	0.001374	-0.00099	-0.00794	0.00812
0.551469	0.000153	0.000229	-0.00794	0.007946
0.553832	0.001985	-0.0016	-0.00733	0.007762
0.556194	0.000764	-0.00283	-0.00672	0.007329
0.558557	0.001985	0.000229	-0.00916	0.009378
0.56092	0.000153	-0.00038	-0.00794	0.007952
0.563283	0.000764	-0.00099	-0.00916	0.009248
0.565646	-0.00046	-0.00038	-0.00916	0.009182
0.568008	0.000764	0.000229	-0.00733	0.007373
0.570371	0.000764	0.00084	-0.00672	0.006815
0.572734	0.001374	-0.0016	-0.00794	0.008217
0.575097	0.001374	0.000229	-0.00855	0.008665
0.577459	-0.00046	0.001451	-0.00855	0.008686
0.579822	0.000764	-0.0016	-0.00855	0.008734
0.582185	0.000153	-0.0016	-0.00672	0.00691
0.584548	0.000153	-0.00099	-0.00977	0.009825
0.586911	0.001374	-0.00221	-0.00794	0.008358
0.589273	0.000153	-0.0016	-0.00794	0.008103
0.591636	-0.00107	0.000229	-0.00916	0.009228
0.593999	-0.00046	-0.00221	-0.00855	0.008846
0.596362	-0.00107	-0.00038	-0.00794	0.008022
0.598725	0.000153	-0.00099	-0.00794	0.008004
0.601087	0.000153	-0.00221	-0.00977	0.010022
0.60345	0.001374	-0.00099	-0.00733	0.007524
0.605813	0.000764	0.00084	-0.00672	0.006815
0.608176	0.000764	0.000229	-0.00794	0.007981
0.610539	0.000153	0.000229	-0.00794	0.007946
0.612901	0.002596	-0.00099	-0.00672	0.007271
0.615264	0.000153	-0.00038	-0.00672	0.006732
0.617627	0.000153	0.00084	-0.00794	0.007987
0.61999	-0.00046	-0.00099	-0.00855	0.008621
0.622352	-0.00046	-0.00038	-0.00672	0.006746
0.624715	0.000764	-0.00099	-0.00733	0.007436
0.627078	0.001985	-0.00099	-0.00855	0.008835

0.629441	0.000153	-0.00038	-0.00855	0.008562
0.631804	0.001374	-0.00038	-0.00794	0.008068
0.634166	0.000153	0.000229	-0.00672	0.006725
0.636529	0.000764	0.000229	-0.00733	0.007373
0.638892	0.001985	0.000229	-0.00855	0.008782
0.641255	0.000153	0.00084	-0.00672	0.006773
0.643618	0.002596	-0.00038	-0.00855	0.008945
0.64598	0.001374	-0.00038	-0.00733	0.007468
0.648343	0.000153	-0.00038	-0.00794	0.007952
0.650706	0.000764	-0.00099	-0.00916	0.009248
0.653069	0.001374	-0.00099	-0.00794	0.00812
0.655431	0.000764	-0.00099	-0.00855	0.008643
0.657794	0.001374	-0.0016	-0.00794	0.008217
0.660157	0.000153	0.000229	-0.00855	0.008556
0.66252	-0.00046	-0.00038	-0.00855	0.008573
0.664883	0.000153	0.00084	-0.00672	0.006773
0.667245	0.001985	-0.00038	-0.00855	0.008788
0.669608	0.002596	0.00084	-0.00977	0.010147
0.671971	0.000764	-0.00099	-0.00794	0.008039
0.674334	0.000764	-0.00038	-0.00489	0.004961
0.676697	0.001374	-0.00038	-0.00489	0.005091
0.679059	0.000764	0.000229	-0.00733	0.007373
0.681422	0.000764	0.00084	-0.00733	0.007418
0.683785	-0.00046	-0.0016	-0.00611	0.006332
0.686148	0.000764	-0.00099	-0.00855	0.008643
0.688511	-0.00046	0.000229	-0.00916	0.009177
0.690873	0.000764	-0.0016	-0.00611	0.006361
0.693236	0.001985	-0.00099	-0.00672	0.007076
0.695599	0.000153	-0.00038	-0.00794	0.007952
0.697962	0.002596	0.001451	-0.00855	0.009054
0.700324	0.001374	0.001451	-0.00794	0.008189
0.702687	0.003207	0.001451	-0.00855	0.009248
0.70505	0.002596	0.000229	-0.00733	0.00778
0.707413	0.001985	-0.00221	-0.00733	0.00791
0.709776	0.000764	-0.0016	-0.00794	0.008137
0.712138	0.000764	0.000229	-0.00916	0.009197
0.714501	0.000153	0.001451	-0.00916	0.009278
0.716864	0.000153	-0.00038	-0.00794	0.007952
0.719227	-0.00046	0.000229	-0.00855	0.008567
0.72159	0.000764	0.000229	-0.00794	0.007981
0.723952	0.000764	0.00084	-0.00672	0.006815
0.726315	0.000153	-0.00221	-0.00916	0.009428
0.728678	0.000153	-0.0016	-0.00733	0.007505
0.731041	0.001985	-0.00099	-0.00916	0.009428
0.733404	0.000764	-0.00038	-0.00794	0.007987
0.735766	0.000153	0.00084	-0.00855	0.008594
0.738129	0.000153	-0.00038	-0.00855	0.008562
0.740492	0.000153	-0.0016	-0.00672	0.00691
0.742855	0.001985	-0.0016	-0.00672	0.007188
0.745217	0.003207	-0.00283	-0.00733	0.008485
0.74758	0.002596	-0.00099	-0.00855	0.008992
0.749943	0.001985	-0.00099	-0.00733	0.007659

0.752306	0.003818	-0.0016	-0.00794	0.008956
0.754669	0.000764	-0.0016	-0.00855	0.008734
0.757031	0.001374	-0.00099	-0.00855	0.008718
0.759394	0.002596	-0.00099	-0.00916	0.009575
0.761757	0.001985	0.000229	-0.00794	0.008189
0.76412	0.001374	-0.00221	-0.0055	0.006084
0.766483	0.004429	-0.00038	-0.00672	0.008057
0.768845	0.001985	-0.0016	-0.00733	0.007762
0.771208	0.002596	-0.00038	-0.00672	0.007214
0.773571	0.002596	-0.0016	-0.00855	0.00908
0.775934	0.001374	-0.0016	-0.00916	0.009403
0.778296	-0.00046	0.001451	-0.00794	0.008085
0.780659	0.000764	-0.00038	-0.00733	0.00738
0.783022	0.001985	-0.00038	-0.00794	0.008194
0.785385	0.001985	-0.00038	-0.00855	0.008788
0.787748	0.000764	0.000229	-0.01038	0.010415
0.79011	-0.00046	0.001451	-0.00855	0.008686
0.792473	0.000764	-0.00038	-0.00794	0.007987
0.794836	0.000153	-0.00221	-0.00733	0.007659
0.797199	0.000153	-0.00038	-0.00672	0.006732
0.799562	-0.00168	0.00084	-0.00733	0.007567
0.801924	-0.00168	0.000229	-0.00855	0.008718
0.804287	0.000153	0.002062	-0.00977	0.00999
0.80665	-0.00229	0.001451	-0.00733	0.007816
0.809013	-0.00168	0.002062	-0.00794	0.008374
0.811376	-0.00046	0.00084	-0.00855	0.008605
0.813738	-0.00046	0.00084	-0.00794	0.007998
0.816101	-0.00046	-0.00038	-0.00672	0.006746
0.818464	-0.00046	-0.00038	-0.00794	0.007963
0.820827	-0.00107	-0.00038	-0.00794	0.008022
0.823189	-0.00168	-0.00099	-0.00733	0.007585
0.825552	-0.00046	-0.00038	-0.00855	0.008573
0.827915	-0.00046	0.000229	-0.00977	0.009787
0.830278	-0.00168	-0.00099	-0.01038	0.010566
0.832641	-0.00046	-0.0016	-0.00977	0.009915
0.835003	0.000764	-0.00038	-0.00794	0.007987
0.837366	0.000764	-0.00038	-0.00794	0.007987
0.839729	0.000764	-0.00038	-0.00794	0.007987
0.842092	-0.00046	0.000229	-0.00794	0.007958
0.844455	0.001985	0.001451	-0.00672	0.007155
0.846817	0.001374	0.000229	-0.00855	0.008665
0.84918	0.000764	-0.0016	-0.00733	0.007542
0.851543	0.000153	-0.00099	-0.00794	0.008004
0.853906	-0.00168	0.000229	-0.00733	0.007524
0.856269	-0.00107	0.000229	-0.00794	0.008016
0.858631	0.000764	0.000229	-0.00733	0.007373
0.860994	-0.00107	0.000229	-0.00733	0.007411
0.863357	-0.00046	-0.00099	-0.00672	0.006808
0.86572	0.000764	-0.00099	-0.00855	0.008643
0.868082	0.000764	-0.00221	-0.00794	0.008279
0.870445	0.001985	-0.00283	-0.00733	0.008103
0.872808	0.001985	-0.00099	-0.00794	0.008245

0.875171	0.001985	-0.00099	-0.00672	0.007076
0.877534	0.000153	-0.00099	-0.00794	0.008004
0.879896	0.001985	-0.00099	-0.00855	0.008835
0.882259	0.001374	-0.00099	-0.00733	0.007524
0.884622	-0.00046	0.000229	-0.00916	0.009177
0.886985	0.000153	-0.00221	-0.00489	0.005367
0.889348	0.000764	-0.00099	-0.00489	0.005045
0.89171	0.001985	-0.0016	-0.00794	0.008341
0.894073	0.000153	0.000229	-0.00855	0.008556
0.896436	0.000764	-0.00099	-0.00855	0.008643
0.898799	0.001374	-0.00099	-0.00672	0.00693
0.901161	0.001374	-0.00038	-0.00611	0.006273
0.903524	0.003207	-0.0016	-0.00611	0.007083
0.905887	0.001374	-0.00221	-0.00733	0.00778
0.90825	0.001374	-0.00099	-0.00611	0.006339
0.910613	0.001985	-0.00099	-0.00672	0.007076
0.912975	0.002596	0.000229	-0.00672	0.007207
0.915338	0.001985	-0.00099	-0.01038	0.010619
0.917701	0.003818	-0.00038	-0.00733	0.008274
0.920064	0.002596	-0.00221	-0.00855	0.009207
0.922427	0.003207	-0.00099	-0.00733	0.008062
0.924789	0.003818	-0.00038	-0.00733	0.008274
0.927152	0.004429	0.00084	-0.00794	0.009131
0.929515	0.003818	0.000229	-0.00733	0.008268
0.931878	0.003207	0.000229	-0.00672	0.007449
0.934241	0.003207	-0.00038	-0.00794	0.008573
0.936603	0.001374	-0.00099	-0.00733	0.007524
0.938966	0.002596	-0.00099	-0.00794	0.008413
0.941329	0.001374	-0.00099	-0.00855	0.008718
0.943692	0.002596	0.00084	-0.00916	0.00956
0.946054	0.000153	-0.0016	-0.00794	0.008103
0.948417	0.001985	-0.00099	-0.00916	0.009428
0.95078	0.001374	0.000229	-0.00977	0.009872
0.953143	0.000153	-0.00038	-0.00794	0.007952
0.955506	0.000153	-0.00038	-0.00916	0.009172
0.957868	-0.00046	0.001451	-0.00916	0.009288
0.960231	0.001985	0.00084	-0.00977	0.010008
0.962594	0.000153	-0.00038	-0.00855	0.008562
0.964957	0.000153	0.00084	-0.01038	0.010419
0.96732	-0.00107	-0.00038	-0.00794	0.008022
0.969682	0.001374	0.000229	-0.00855	0.008665
0.972045	0.000153	0.00084	-0.00916	0.009202
0.974408	-0.00168	0.001451	-0.00733	0.007659
0.976771	-0.00107	0.001451	-0.00916	0.009338
0.979134	0.001374	0.001451	-0.00794	0.008189
0.981496	0.000764	-0.00038	-0.00794	0.007987
0.983859	-0.00107	-0.00099	-0.00794	0.008074
0.986222	-0.00107	0.00084	-0.00733	0.007455
0.988585	0.001374	0.00084	-0.00794	0.008103
0.990947	-0.00107	-0.00099	-0.00733	0.007474
0.99331	0.001374	-0.0016	-0.00611	0.006463
0.995673	0.001145	7.64E-05	-0.00122	0.001676

0.998036	0.000534	0.000687	0.000611	0.001064
1.000399	0.000534	-0.00115	-0.00122	0.001758
1.002761	0.000534	7.64E-05	-0.00061	0.000815
1.005124	-0.00191	7.64E-05	0	0.00191
1.007487	-0.00069	0.001298	0	0.001469
1.00985	-0.00069	0.000687	0.000611	0.001148
1.012213	-0.00069	7.64E-05	0.000611	0.000923
1.014575	-7.6E-05	-0.00115	0	0.001148
1.016938	-0.00069	7.64E-05	-0.00122	0.001404
1.019301	-0.0013	7.64E-05	-0.00183	0.002247
1.021664	-0.00252	7.64E-05	0.001222	0.002801
1.024027	-0.00069	7.64E-05	0.000611	0.000923
1.026389	-0.0013	7.64E-05	0	0.0013
1.028752	-0.00069	0.000687	0	0.000972
1.031115	-0.00191	7.64E-05	0.001222	0.002268
1.033478	-7.6E-05	7.64E-05	0.001222	0.001226
1.03584	0.001145	-0.00053	0	0.001264
1.038203	0.001756	-0.00176	0.001222	0.002768
1.040566	0.000534	-0.00053	-0.00061	0.000972
1.042929	0.000534	0.000687	0.001222	0.0015
1.045292	-7.6E-05	7.64E-05	0	0.000108
1.047654	0.002367	-0.00176	0.000611	0.00301
1.050017	0.000534	0.000687	-0.00061	0.001064
1.05238	0.000534	0.000687	0.001222	0.0015
1.054743	0.000534	7.64E-05	0.001833	0.00191
1.057106	-7.6E-05	0.001298	-0.00061	0.001437
1.059468	-7.6E-05	0.001909	-0.00183	0.002647
1.061831	0.001145	0.001298	0.000611	0.001836
1.064194	-0.00069	-0.00115	0.000611	0.001469
1.066557	0.001145	0.000687	-0.00183	0.002268
1.068919	-0.00069	0.000687	-0.00122	0.001561
1.071282	-7.6E-05	0.000687	-0.00061	0.000923
1.073645	0.001145	7.64E-05	0.000611	0.0013
1.076008	0.001756	-0.00053	-0.00122	0.002205
1.078371	0.001756	7.64E-05	-0.00061	0.001861
1.080733	0.001145	0.001298	0	0.001731
1.083096	0.000534	0.000687	-0.00061	0.001064
1.085459	-7.6E-05	0.000687	-0.00122	0.001404
1.087822	0.001145	0.001298	-0.00061	0.001836
1.090185	0.000534	0.000687	-0.00122	0.0015
1.092547	-7.6E-05	0	-0.00244	0.002445
1.09491	-7.6E-05	0.000611	-0.00367	0.003716
1.097273	0.000534	0	-0.00061	0.000812
1.099636	0.000534	0.000611	0.000611	0.001016
1.101999	0.001145	0.000611	0.000611	0.001435
1.104361	-0.00252	0.001222	-0.00183	0.003347
1.106724	0.000534	0.001833	-0.00061	0.002004
1.109087	0.001145	0.000611	0.001833	0.002246
1.11145	0.006643	0.001833	0.000611	0.006918
1.113812	-0.00069	0.001222	0.001222	0.001859
1.116175	-7.6E-05	-0.00061	0.001222	0.001368
1.118538	-7.6E-05	-0.00061	-0.00061	0.000867

1.120901	-7.6E-05	0	-0.00061	0.000616
1.123264	-7.6E-05	0.001222	0	0.001224
1.125626	-0.0013	-0.00122	0.001222	0.002161
1.127989	-0.00069	-0.00061	-0.00061	0.001104
1.130352	0.000458	-0.00061	-0.00244	0.00256
1.132715	-0.00137	0	0	0.001374
1.135078	-0.00015	0	0.000611	0.00063
1.13744	-0.00076	0.001833	-0.00061	0.002077
1.139803	-0.00199	0.001833	0	0.002702
1.142166	-0.00076	0	-0.00061	0.000978
1.144529	-0.00015	-0.00061	-0.00122	0.001374
1.146892	-0.00137	0	-0.00061	0.001504
1.149254	0.000458	-0.00122	-0.00061	0.001441
1.151617	-0.00015	0	0	0.000153
1.15398	-0.00199	-0.00183	0.000611	0.00277
1.156343	-0.00076	-0.00122	-0.00183	0.002331
1.158705	-0.00076	-0.00061	-0.00061	0.001153
1.161068	0.000458	-0.00122	0.001222	0.001787
1.163431	0.000458	-0.00061	0	0.000764
1.165794	-0.00015	-0.00061	-0.00061	0.000877
1.168157	-0.00015	0	-0.00061	0.00063
1.170519	0.000458	-0.00069	-0.00122	0.001475
1.172882	-0.00076	-0.00069	-0.00183	0.002101
1.175245	0.001069	-7.6E-05	0	0.001072
1.177608	0.00168	-0.00069	0.001222	0.002188
1.179971	0.000458	-7.6E-05	-0.00061	0.000767
1.182333	-0.00015	0.000534	0.001222	0.001342
1.184696	0.000458	-7.6E-05	0.001222	0.001307
1.187059	0.000458	-0.00069	0.000611	0.001027
1.189422	0.00168	-0.0013	0.001222	0.002449
1.191785	-0.00015	-0.00252	-0.00061	0.002597
1.194147	-0.00199	0.000534	-0.00061	0.002145
1.19651	-0.00076	0.001145	0.001222	0.00184
1.198873	-0.00015	-7.6E-05	-0.00183	0.00184
1.201236	0.001069	-0.00069	0.000687	0.001445
1.203598	-0.00076	0.001145	7.64E-05	0.001379
1.205961	0.000458	-7.6E-05	7.64E-05	0.000471
1.208324	0.000458	0.002367	-0.00053	0.002469
1.210687	0.000458	-7.6E-05	-0.00115	0.001236
1.21305	-0.00076	-0.00069	-0.00053	0.001158
1.215412	-0.00015	0.000534	-0.00053	0.000771
1.217775	-0.00076	0.001145	-0.00237	0.002738
1.220138	-0.00137	-7.6E-05	-0.00115	0.001791
1.222501	-0.00015	-0.00069	-0.00053	0.000884
1.224864	0.000458	-0.00374	-0.00237	0.004451
1.227226	0.001069	-0.00496	-0.00237	0.005602
1.229589	0.000458	-0.00191	-0.00053	0.002035
1.231952	-0.00015	-7.6E-05	0.001298	0.001309
1.234315	-0.00076	0.001145	-0.00115	0.001791
1.236678	-0.00137	-0.00069	7.64E-05	0.001539
1.23904	-0.00137	-0.00191	0.001298	0.002687
1.241403	-0.00137	-0.00069	7.64E-05	0.001539

1.243766	-0.00076	0.001145	7.64E-05	0.001379
1.246129	0.000458	0.001756	-0.00053	0.001892
1.248491	-0.00015	0.001145	-0.00176	0.002102
1.250854	0.000458	0.000534	-0.00115	0.001344
1.253217	0.000458	0.000534	-0.00053	0.000884
1.25558	-0.00137	-7.6E-05	0.000687	0.001539
1.257943	0.001069	-0.00191	-0.00115	0.002469
1.260305	0.001069	-0.00374	0.001298	0.004102
1.262668	0.001069	-0.00191	-0.00053	0.002252
1.265031	0.001069	-0.00069	0.001298	0.001817
1.267394	0.000458	-0.00069	-0.00053	0.000984
1.269757	-0.00137	-0.00069	0.001909	0.002451
1.272119	-0.00076	0.001756	7.64E-05	0.001917
1.274482	0.000458	0.000534	-0.00237	0.002469
1.276845	0.000458	-7.6E-05	7.64E-05	0.000471
1.279208	0.000458	0.001145	0.000687	0.001412
1.281571	-0.00015	-0.00069	-0.00176	0.001892
1.283933	-0.00015	0.000534	-0.00107	0.001205
1.286296	-0.00015	-7.6E-05	-0.00107	0.001083
1.288659	0.000458	0.000534	-0.00107	0.00128
1.291022	0.00168	0.001145	0.000153	0.002039
1.293384	0.00168	0.001145	-0.00107	0.002297
1.295747	-0.00015	0.000611	0.000153	0.000648
1.29811	0.000458	0.001222	0.000153	0.001314
1.300473	-0.00076	0	-0.00046	0.00089
1.302836	0.001069	0.000611	0.001374	0.001845
1.305198	0.001069	0	0.000153	0.00108
1.307561	-0.00015	-0.00122	0.001985	0.002336
1.309924	-0.00076	-0.00244	0.000764	0.002671
1.312287	-0.00015	0	-0.00107	0.00108
1.31465	0.001069	-0.00122	0.000153	0.001631
1.317012	0.000458	-0.00122	0.000153	0.001314
1.319375	-0.00015	0.000611	-0.00229	0.002376
1.321738	-0.00015	0.001222	0.000153	0.001241
1.324101	0.000458	0	0.001985	0.002037
1.326464	-0.00137	-0.00183	0.000764	0.002415
1.328826	-0.00015	0	0.000764	0.000779
1.331189	-0.00076	0	0.000764	0.00108
1.333552	-0.00076	-0.00061	0.000153	0.00099
1.335915	-0.00199	-0.00122	0.000153	0.002336
1.338277	-0.00137	-0.00061	-0.00046	0.001572
1.34064	-0.00015	0	-0.00046	0.000483
1.343003	-0.00076	0.000611	0.000153	0.00099
1.345366	-0.0026	0.001222	-0.00046	0.002906
1.347729	-0.00137	0	-0.00107	0.001741
1.350091	-0.00015	0.001222	0.000153	0.001241
1.352454	-0.00076	0.001222	0.001374	0.001991
1.354817	-0.00015	0.001222	-0.00046	0.001314
1.35718	0.000458	0.000611	-0.00038	0.000854
1.359543	0.001069	-0.00061	0.00084	0.00149
1.361905	0.000458	-0.00061	0.002672	0.002779
1.364268	0.001069	-0.00061	0.001451	0.001903

1.366631	0.001069	-0.00122	0.00084	0.001828
1.368994	-0.00137	-0.00061	0.000229	0.001521
1.371357	-0.00137	0	0.00084	0.001611
1.373719	-0.00076	0.000611	-0.00038	0.00105
1.376082	-0.00076	0	0.00084	0.001135
1.378445	-0.00015	-0.00061	0.00084	0.00105
1.380808	-0.00076	0	0.00084	0.001135
1.38317	-0.00076	-0.00061	0.000229	0.001004
1.385533	-0.00015	0	0.002062	0.002067
1.387896	0.000458	-0.00061	0.00084	0.001135
1.390259	-0.00015	-0.00061	-0.00099	0.001175
1.392622	0.000458	-0.00122	0.002062	0.00244
1.394984	-0.00015	0.000611	0.001451	0.001582
1.397347	-0.00076	0.001222	-0.00099	0.00175
1.39971	-0.00137	0	0.001451	0.001998
1.402073	0.001069	0.000611	-0.00038	0.001289
1.404436	0.00168	0.001222	-0.00038	0.002112
1.406798	0.000458	0	0.000229	0.000512
1.409161	0.000458	0.000611	-0.00038	0.000854
1.411524	-0.00015	-0.00061	0.00084	0.00105
1.413887	0.000458	0.001222	0.00084	0.001552
1.416249	0.000458	-0.00061	0.00084	0.001135
1.418612	-0.0026	0	-0.00038	0.002624
1.420975	-0.00015	0	-0.00038	0.000411
1.423338	-0.00137	0.001222	0.001451	0.002342
1.425701	0.000458	0.001833	0.000229	0.001903
1.428063	0.000458	0	0.001451	0.001521
1.430426	-0.00076	0.001222	0.00084	0.001668
1.432789	-0.00076	0.003054	-0.00099	0.003301
1.435152	-0.00199	0.001833	0.000229	0.002711
1.437515	-0.00199	0.001222	-0.00046	0.002376
1.439877	0.000458	0	-0.00046	0.000648
1.44224	-0.00015	0	-0.00168	0.001687
1.444603	0.001069	0.000611	0.000153	0.001241
1.446966	-0.00076	0.001833	-0.00046	0.002037
1.449329	-0.00076	0.001222	0.000764	0.001631
1.451691	-0.00137	0	0.000764	0.001572
1.454054	-0.00076	0	0.001374	0.001572
1.456417	-0.00626	-0.00367	0.001374	0.007384
1.45878	0.001756	0.001222	0.000764	0.002272
1.461143	0.001756	-0.00061	0.000153	0.001866
1.463505	0.001756	-0.00122	0.000764	0.002272
1.465868	-7.6E-05	-0.00122	0.000764	0.001443
1.468231	0.001756	0.000611	0.000153	0.001866
1.470594	0.001145	0.000611	-0.00046	0.001377
1.472956	-0.0013	-0.00061	0.000153	0.001443
1.475319	0.000534	0.000611	-0.00046	0.000932
1.477682	0.001145	0.001833	0.000153	0.002166
1.480045	-0.00069	0.001833	-0.00107	0.00223
1.482408	-0.00069	0.000611	0.000153	0.000932
1.48477	-0.00069	0.001222	0.000764	0.001596
1.487133	-0.00069	0.001222	-0.00046	0.001475

1.489496	-0.00069	0.000611	-0.00046	0.001027
1.491859	-7.6E-05	-0.00061	-0.00046	0.000767
1.494222	0.000534	0.000611	-0.00168	0.001866
1.496584	0.000534	0	-0.00107	0.001195
1.498947	0.001756	0	-0.00168	0.00243
1.50131	-7.6E-05	-0.00061	0.000153	0.000634
1.503673	-7.6E-05	0.000611	-0.00046	0.000767
1.506035	-0.00069	-0.00061	-0.00107	0.00141
1.508398	-7.6E-05	-0.00122	0.000764	0.001443
1.510761	-7.6E-05	-0.00061	0.000764	0.000981
1.513124	-0.00191	0	0.000764	0.002056
1.515487	0.000534	0	-0.00229	0.002352
1.517849	0.000534	-0.00061	-0.00107	0.001342
1.520212	-0.00252	-0.00061	0.001374	0.002934
1.522575	-0.0013	0	-0.00107	0.001682
1.524938	-0.00069	-0.00061	0.000764	0.001195
1.527301	0.000534	0.000611	-0.00107	0.001342
1.529663	-7.6E-05	-0.00122	-0.00046	0.001307
1.532026	-0.0013	-0.00061	-0.00046	0.001506
1.534389	-7.6E-05	0.000611	0.000764	0.000981
1.536752	-7.6E-05	0	0.000764	0.000767
1.539115	0.000534	0	-0.00046	0.000704
1.541477	-7.6E-05	0	0.000153	0.000171
1.54384	0.001145	-0.00122	0.000764	0.00184
1.546203	-7.6E-05	-0.00244	0.000153	0.002449
1.548566	0.000534	-0.00061	0.001985	0.002145
1.550929	-7.6E-05	0	0.001374	0.001377
1.553291	-7.6E-05	0.001756	-0.0029	0.003392
1.555654	0	-7.6E-05	-0.00229	0.002292
1.558017	-0.00061	-0.00069	0.000764	0.001195
1.56038	-0.00122	-0.00069	0.000153	0.00141
1.562742	-0.00061	0.001145	0.000764	0.001506
1.565105	0.001222	0.000534	-0.00168	0.002145
1.567468	0.000611	0.000534	-0.00107	0.001342
1.569831	0.000611	-7.6E-05	-0.00107	0.001234
1.572194	-0.00183	-0.00069	0.000764	0.002101
1.574556	-0.00183	-7.6E-05	0.000764	0.001987
1.576919	-0.00061	-7.6E-05	-0.00046	0.000767
1.579282	0.000611	0.000534	-0.00229	0.00243
1.581645	-0.00061	-7.6E-05	0.000153	0.000634
1.584008	0	-7.6E-05	-0.00107	0.001072
1.58637	0.001222	-7.6E-05	0.000764	0.001443
1.588733	0.001222	-0.00069	0.000764	0.001596
1.591096	0	-0.0013	-0.00046	0.001377
1.593459	0.000611	-7.6E-05	0.001374	0.001506
1.595822	-0.00122	0.001145	-0.00046	0.001736
1.598184	-0.00061	-7.6E-05	-0.00107	0.001234
1.600547	0.000611	-0.00191	-0.00046	0.002056
1.60291	-0.00122	-7.6E-05	0.000153	0.001234
1.605273	-0.00183	0.001145	0.000153	0.002166
1.607635	0	0.001145	0.000764	0.001377
1.609998	0.001222	-7.6E-05	0.000764	0.001443

1.612361	-0.00061	-0.00069	-0.00107	0.00141
1.614724	0	0.001145	0.000153	0.001155
1.617087	0.000611	0.001145	-0.00168	0.002123
1.619449	0.000611	0.000534	-0.00046	0.000932
1.621812	0.000611	0.000534	0.000764	0.001114
1.624175	-0.00061	0.000534	0.001374	0.001596
1.626538	-0.00061	-7.6E-05	0.000153	0.000634
1.628901	0.000611	-0.00069	-0.00107	0.00141
1.631263	0.000611	-7.6E-05	0.000764	0.000981
1.633626	0.001222	0.000534	0.001374	0.001915
1.635989	0.001833	0.001145	-0.00046	0.002209
1.638352	0.001222	0.001756	0.000153	0.002145
1.640714	0.001222	0.000534	-0.00046	0.00141
1.643077	-0.00122	-0.0013	0.000153	0.001789
1.64544	-0.00061	-0.00069	0.001374	0.001654
1.647803	0.000611	0.000534	-0.00046	0.000932
1.650166	0.001222	0.001756	0.000153	0.002145
1.652528	0.000611	0.000534	0.000153	0.000826
1.654891	0.000611	-0.00191	-0.00046	0.002056
1.657254	-0.00122	-0.00069	0.000153	0.00141
1.659617	0.000611	0.000534	-0.00168	0.001866
1.66198	-0.00061	-7.6E-05	-0.00168	0.001789
1.664342	0	0.000534	-0.00107	0.001195
1.666705	0.000611	-0.00069	0.001985	0.002188
1.669068	0	-0.00069	0.000764	0.001027
1.671431	-0.00061	-0.00191	0.000153	0.00201
1.673794	-0.00122	-0.00191	-0.00046	0.002312
1.676156	0	0.000534	-0.00168	0.001763
1.678519	-0.00122	0.000534	0.000153	0.001342
1.680882	0	-0.00069	0.000153	0.000704
1.683245	0.001222	0.000534	0.000153	0.001342
1.685608	-0.00122	0.000534	0.001374	0.001915
1.68797	0.000611	-7.6E-05	0.000764	0.000981
1.690333	-0.00061	-7.6E-05	0.000153	0.000634
1.692696	0	-7.6E-05	-0.00046	0.000464
1.695059	0.001222	-0.0013	0.002596	0.003149
1.697421	0.000611	-0.0013	-0.00107	0.001789
1.699784	0.000611	0.001145	-0.00168	0.002123
1.702147	-0.00061	0.000534	-0.00046	0.000932
1.70451	-0.00061	0.001145	0.000764	0.001506
1.706873	0.000611	0.000534	0.000153	0.000826
1.709235	-0.00061	-7.6E-05	0.000153	0.000634
1.711598	-0.00122	0.000534	0.001374	0.001915
1.713961	0	0.000534	0.001985	0.002056
1.716324	0.000611	-7.6E-05	0.000153	0.000634
1.718687	0.000611	-0.00069	0.001985	0.002188
1.721049	0.000611	0.001145	-0.00107	0.001682
1.723412	0	-7.6E-05	-0.00046	0.000464
1.725775	-0.00061	-7.6E-05	0.001374	0.001506
1.728138	-0.00061	0.000534	0.002596	0.00272
1.730501	0	0.001145	-0.00046	0.001234
1.732863	0	-7.6E-05	0.000153	0.000171

1.735226	0	0.000534	0.000153	0.000556
1.737589	0.001833	-0.00069	0.002596	0.003251
1.739952	0.001222	-7.6E-05	0.001374	0.00184
1.742314	-0.00122	0.001756	-0.00168	0.00272
1.744677	-0.00061	0.000534	-0.00168	0.001866
1.74704	0.000611	-7.6E-05	0.000153	0.000634
1.749403	0.001222	-0.00069	-0.00046	0.001475
1.751766	0.000611	-7.6E-05	0.000764	0.000981
1.754128	0	0.000534	-0.00168	0.001763
1.756491	0.000611	-0.0013	-0.00107	0.001789
1.758854	0.000611	-0.00069	0.000153	0.000932
1.761217	-0.00061	-0.0013	-0.00168	0.002209
1.76358	-0.00061	0.000534	-0.00107	0.001342
1.765942	0.000611	-7.6E-05	0.001374	0.001506
1.768305	0	0.000534	0.001374	0.001475
1.770668	0.001222	-0.00069	0.000764	0.001596
1.773031	0	-0.0013	0.001374	0.00189
1.775394	0	-0.00191	0.000764	0.002056
1.777756	0.001222	-0.00069	0.003207	0.0035
1.780119	0.002443	0.000534	0.000764	0.002615
1.782482	0	-0.0013	0.000153	0.001307
1.784845	-0.00122	-0.00069	-0.00046	0.001475
1.787207	0.000611	-7.6E-05	-0.00046	0.000767
1.78957	-0.00061	-7.6E-05	0.000764	0.000981
1.791933	0	0.000534	0.000153	0.000556
1.794296	-0.00061	0.000534	0.000153	0.000826
1.796659	0.001222	-0.0013	0.001374	0.002251
1.799021	0.001833	0.000534	0.000153	0.001915
1.801384	-0.00244	-0.0013	0.001374	0.003089
1.803747	0	-0.00069	0.000764	0.001027
1.80611	0.000611	-7.6E-05	0.000153	0.000634
1.808473	-0.00061	0.000534	0.000764	0.001114
1.810835	-0.00061	0.000534	-0.00046	0.000932
1.813198	-0.00061	0.000534	0.000764	0.001114
1.815561	-0.00183	0.001145	0.000153	0.002166
1.817924	0.000611	-7.6E-05	0.000764	0.000981
1.820287	-0.00122	-7.6E-05	0.001985	0.002332
1.822649	-0.00122	0.000534	0.001374	0.001915
1.825012	-0.00183	0.000534	-0.00046	0.001963
1.827375	0.000611	-7.6E-05	0.000153	0.000634
1.829738	0.002443	-7.6E-05	-0.00168	0.002966
1.8321	0.001222	-0.00069	0.000153	0.00141
1.834463	0.000611	-0.00191	-0.00053	0.002074
1.836826	0.001222	-0.00252	-0.00053	0.002851
1.839189	0.001833	-0.00069	7.64E-05	0.001959
1.841552	0	-7.6E-05	-0.00115	0.001148
1.843914	0.001833	0.001145	7.64E-05	0.002162
1.846277	0	0.000534	-0.00176	0.001836
1.84864	-0.00061	0.001145	0.000687	0.001469
1.851003	-0.00122	0.000534	-0.00053	0.001437
1.853366	-0.00061	0.001145	-0.00176	0.002184
1.855728	-0.00183	0.000534	-0.00115	0.002226

1.858091	-0.00183	-0.00069	0.000687	0.002074
1.860454	0.000611	0.001145	0.001298	0.001836
1.862817	-0.00061	0.000534	7.64E-05	0.000815
1.86518	0.001222	-0.00069	0.001298	0.00191
1.867542	0	0.000534	-0.00176	0.001836
1.869905	-0.00122	-0.00069	-0.00053	0.0015
1.872268	0.000611	-7.6E-05	0.000687	0.000923
1.874631	-0.00183	-7.6E-05	7.64E-05	0.001836
1.876993	-0.00061	-0.00069	7.64E-05	0.000923
1.879356	-0.00061	-0.00069	-0.00053	0.001064
1.881719	0	0.000534	-0.00115	0.001264
1.884082	-0.00061	-7.6E-05	7.64E-05	0.00062
1.886445	0	0.000534	0.000687	0.000871
1.888807	0	0.000534	-0.00053	0.000756
1.89117	-0.00122	-0.00069	0.001298	0.00191
1.893533	0	-0.00069	0.000687	0.000972
1.895896	0	-0.00191	0.001909	0.0027
1.898259	-0.00061	-0.00069	0.000687	0.001148
1.900621	-0.00061	-7.6E-05	-0.00053	0.000815
1.902984	-0.00061	-7.6E-05	7.64E-05	0.00062
1.905347	0.001833	-7.6E-05	0.000687	0.001959
1.90771	0.000611	-7.6E-05	0.000687	0.000923
1.910073	0	-7.6E-05	-0.00115	0.001148
1.912435	0	-0.00069	0.001298	0.001469
1.914798	0	-0.00069	-0.00053	0.000871
1.917161	0	-0.00069	-0.00176	0.001886
1.919524	0	-0.0013	-0.00053	0.001404
1.921886	-0.00244	-0.00191	7.64E-05	0.003102
1.924249	0.000611	-0.00069	-0.00115	0.001469
1.926612	0.000611	-7.6E-05	7.64E-05	0.00062
1.928975	-0.00061	-7.6E-05	0.001909	0.002006
1.931338	0	-7.6E-05	0.000687	0.000691
1.9337	0.000611	-7.6E-05	0.000687	0.000923
1.936063	0	-7.6E-05	-0.00176	0.001758
1.938426	-0.00122	-7.6E-05	-0.00053	0.001336
1.940789	-0.00122	0.001145	-0.00176	0.002427
1.943152	0	-7.6E-05	-0.00115	0.001148
1.945514	0	-0.0013	0.000687	0.001469
1.947877	0.000611	0.000534	-0.00115	0.001404
1.95024	-0.00061	-7.6E-05	-0.00053	0.000815
1.952603	0.000611	-0.00069	7.64E-05	0.000923
1.954966	0	-0.00191	7.64E-05	0.00191
1.957328	0	0.000534	0.000687	0.000871
1.959691	0.000611	0.001756	0.001909	0.002665
1.962054	-0.00061	0	0.000687	0.000919
1.964417	0	-0.00061	0.001909	0.002004
1.966779	-0.00061	-0.00122	-0.00061	0.001496
1.969142	0	-0.00122	-0.00244	0.002732
1.971505	-0.00061	-0.00183	0.000611	0.002026
1.973868	-0.00183	-0.00061	-0.00122	0.002286
1.976231	0	-0.00061	0	0.000611
1.978593	0.000611	0.000611	-0.00183	0.002026

1.980956	0.001222	0.001222	-0.00061	0.001833
1.983319	0.001222	0.003054	0	0.00329
1.985682	0.001222	0.001222	0.000611	0.001833
1.988045	0.001222	0	-0.00122	0.001728
1.990407	0.000611	-0.00122	-0.00183	0.002286
1.99277	0	-0.00061	-0.00122	0.001366
1.995133	-0.00183	0	0	0.001833
1.997496	-0.00122	0	-0.00122	0.001728
1.999859	-0.00061	0.001222	-0.00061	0.001496
2.002221	-0.00061	-0.00061	-0.00122	0.001496
2.004584	-0.00061	0.001222	-0.00061	0.001496
2.006947	0	0.001222	7.64E-05	0.001224
2.00931	0.001833	0	7.64E-05	0.001834
2.011673	0.001222	-0.00061	-0.00176	0.002225
2.014035	0.000611	0.001222	-0.00115	0.001783
2.016398	0	0.000611	-0.00115	0.001298
2.018761	0	0	-0.00115	0.001145
2.021124	0.001833	0.001833	7.64E-05	0.002593
2.023486	0.001833	-0.00061	7.64E-05	0.001933
2.025849	0	-0.00061	-0.00053	0.000812
2.028212	-0.00061	0.000611	-0.00053	0.001016
2.030575	-0.00061	0	-0.00176	0.001859
2.032938	-0.00061	0.001222	-0.00176	0.002225
2.0353	0	0.000611	0.000687	0.000919
2.037663	-0.00122	0	-0.00053	0.001333
2.040026	0	-0.00061	0.001909	0.002004
2.042389	0.001222	-0.00122	-0.00176	0.002464
2.044752	0	-0.00122	-0.00053	0.001333
2.047114	-0.00061	-0.00061	-0.00115	0.001435
2.049477	-0.00122	-0.00061	-0.00115	0.001783
2.05184	-0.00122	-0.00122	7.64E-05	0.001729
2.054203	0	0.001222	-0.00053	0.001333
2.056566	0.000611	-0.00061	0.00252	0.002664
2.058928	0.001222	0.001222	0.000687	0.001859
2.061291	0.000611	0	-0.00176	0.001859
2.063654	0.001222	0	0.001298	0.001783
2.066017	0.001222	0.001222	-0.00115	0.002073
2.068379	0	0.000611	-0.00176	0.001859
2.070742	0	0.001222	-0.00115	0.001675
2.073105	-0.00061	-0.00061	7.64E-05	0.000867
2.075468	0.000611	0.000611	-0.00176	0.001957
2.077831	0	0.001833	0.000687	0.001957
2.080193	0.000611	0.000611	0.001298	0.001559
2.082556	0.000611	-0.00061	-0.00053	0.001016
2.084919	-0.00122	-0.00061	-0.00053	0.001467
2.087282	0	-0.00122	7.64E-05	0.001224
2.089645	-0.00183	0.000611	-0.00053	0.002004
2.092007	0	0	-0.00046	0.000458
2.09437	0	0.001222	-0.00046	0.001305
2.096733	0.001222	-0.00061	-0.00046	0.001441
2.099096	0	0	0.000764	0.000764
2.101459	0	0.001833	0.000153	0.001839

2.103821	0	0.001222	0.000153	0.001231
2.106184	0.001222	0	-0.00107	0.001623
2.108547	0.000611	-0.00061	-0.00107	0.001374
2.11091	0.000611	-0.00183	0.000153	0.001938
2.113272	0.001222	0.001222	0.000153	0.001734
2.115635	-0.00061	0.000611	-0.00107	0.001374
2.117998	-0.00122	0.001222	0.000153	0.001734
2.120361	0	0.000611	0.000153	0.00063
2.122724	0.000611	-0.00122	0.000153	0.001374
2.125086	0	-0.00244	-0.00046	0.002486
2.127449	-0.00061	-0.00061	-0.00046	0.000978
2.129812	-0.00061	0.000611	-0.00107	0.001374
2.132175	-0.00122	0	-0.00168	0.002077
2.134538	-0.00122	0	0.000764	0.001441
2.1369	0.001222	0	-0.00046	0.001305
2.139263	0.003054	0	-0.00046	0.003088
2.141626	0.001222	-0.00122	0.000153	0.001734
2.143989	0.001222	0	0.001985	0.002331
2.146352	-0.00611	-0.00122	0.000764	0.006276
2.148714	-0.00244	-0.00061	-0.00046	0.00256
2.151077	0.001222	0	-0.00107	0.001623
2.15344	-0.00061	0.000611	-0.00038	0.000944
2.155803	0.001222	-0.00061	0.001451	0.001993
2.158165	0.001833	0.001833	-0.00038	0.00262
2.160528	0.000611	0	-0.00038	0.00072
2.162891	0	0	-0.00099	0.000993
2.165254	0.000611	0	0.000229	0.000652
2.167617	-0.00061	0	-0.00038	0.00072
2.169979	-0.00061	0.002443	0.000229	0.002529
2.172342	0.000611	0.000611	0.001451	0.001688
2.174705	-0.00122	0.000611	0.001451	0.001993
2.177068	-0.00183	0.000611	-0.00038	0.001969
2.179431	0	0.002443	0.000229	0.002454
2.181793	0	-0.00061	0.00084	0.001039
2.184156	0.001222	-0.00061	0.001451	0.001993
2.186519	-0.00061	-0.00061	-0.00038	0.000944
2.188882	0	0.000611	-0.00038	0.00072
2.191245	0.000611	0.000611	-0.0016	0.001821
2.193607	-0.00122	0	-0.00038	0.00128
2.19597	-0.00183	-0.00122	-0.00038	0.002235
2.198333	0.000611	-0.00061	0.000229	0.000894
2.200696	0	0.000611	-0.00099	0.001166
2.203059	0	0.001833	-0.00099	0.002084
2.205421	-0.00061	0.000611	0.000229	0.000894
2.207784	-0.00122	-0.00122	0.00084	0.001921
2.210147	-0.00122	-0.00061	0.002062	0.002473
2.21251	-0.00122	0.000611	0.000229	0.001385
2.214872	-0.00122	0.001222	-0.00038	0.001769
2.217235	-0.00122	-0.00061	0.000229	0.001385
2.219598	-0.00061	0.000611	-0.00038	0.000944
2.221961	-0.00061	0.001222	-0.00221	0.002602
2.224324	-0.00183	-0.00061	0.000229	0.001945

2.226686	0	0.001222	-0.00038	0.00128
2.229049	-0.00122	0	0.000229	0.001243
2.231412	0	0.000611	-0.00099	0.001166
2.233775	-0.00061	-0.00061	0.00084	0.001205
2.236138	-0.00061	0.000611	0.00084	0.001205
2.2385	-0.00244	0.000611	0.00084	0.002655
2.240863	0	-0.00061	0.002062	0.00215
2.243226	0	-0.00061	0.001451	0.001574
2.245589	0.001222	0	-0.00214	0.002462
2.247952	-0.00061	0	-0.00031	0.000683
2.250314	-0.00305	0.000611	0.000305	0.00313
2.252677	0.000611	0	-0.00031	0.000683
2.25504	-0.00122	0.000611	-0.00092	0.001645
2.257403	0	0.000611	0.000305	0.000683
2.259765	0.001222	0	0.000916	0.001527
2.262128	0.000611	0.000611	0.001527	0.001755
2.264491	0	-0.00069	-0.00031	0.000752
2.266854	-0.00122	-0.00069	0.000305	0.001435
2.269217	0	0.000534	0.000305	0.000616
2.271579	0.001222	0.000534	0.000916	0.001618
2.273942	0	-0.0013	0.000305	0.001333
2.276305	0	-0.00191	-0.00214	0.002866
2.278668	0.001298	-0.0013	-0.00031	0.001861
2.281031	-0.00053	-0.0013	-0.00031	0.001437
2.283393	7.64E-05	-7.6E-05	0.000305	0.000324
2.285756	0.001298	-0.00252	-0.00031	0.002851
2.288119	-0.00237	-7.6E-05	-0.00153	0.002818
2.290482	0.001298	0.000534	-0.00031	0.001437
2.292845	7.64E-05	0.000534	0.000916	0.001064
2.295207	7.64E-05	0.001145	-0.00031	0.001188
2.29757	0.000687	-0.00069	0.000916	0.001336
2.299933	7.64E-05	-0.00069	0.000916	0.001148
2.302296	0.000687	-0.00069	0.000305	0.001019
2.304659	-0.00053	-7.6E-05	0.000305	0.00062
2.307021	-0.00115	0.000534	0.000305	0.0013
2.309384	-0.00053	0.000534	-0.00031	0.000815
2.311747	7.64E-05	-0.00069	0.000305	0.000756
2.31411	-0.00053	-0.0013	-0.00031	0.001437
2.316472	-0.00053	-7.6E-05	-0.00214	0.002205
2.318835	0.000687	-7.6E-05	0.000916	0.001148
2.321198	0.000687	0.000534	0.001527	0.001758
2.323561	0.000687	-7.6E-05	0.001527	0.001676
2.325924	0.001909	0.000534	-0.00031	0.002006
2.328286	0.000687	0.001756	0.000305	0.00191
2.330649	-0.00053	0.001145	-0.00031	0.0013
2.333012	0.001298	0.001145	0.001527	0.002308
2.335375	0.001298	-0.00069	0.000916	0.001731
2.337738	-0.00115	-0.00069	0.000305	0.00137
2.3401	0.000687	-7.6E-05	0.000305	0.000756
2.342463	-0.00053	-7.6E-05	0.002138	0.002205
2.344826	7.64E-05	0.001145	0.002138	0.002427
2.347189	7.64E-05	-0.00069	0.000305	0.000756

2.349552	7.64E-05	-0.00069	0.001527	0.001676
2.351914	7.64E-05	-7.6E-05	0.000305	0.000324
2.354277	-0.00115	0.001756	0.000916	0.002288
2.35664	7.64E-05	-7.6E-05	0.000305	0.000324
2.359003	0.000687	-0.00191	-0.00092	0.002226
2.361365	7.64E-05	-0.00069	0.000916	0.001148
2.363728	0.000687	-0.0013	0.002138	0.002594
2.366091	-0.00115	0.001756	0.000305	0.002119
2.368454	-0.00115	0.001145	-0.00092	0.001861
2.370817	7.64E-05	-0.0013	0.000916	0.001591
2.373179	0.000687	-0.00069	0.000916	0.001336
2.375542	0.001909	-0.00069	0.001527	0.002539
2.377905	0.000687	-0.0013	0.000916	0.001731
2.380268	7.64E-05	0.001145	0.000916	0.001469
2.382631	0.000687	0.000534	-0.00092	0.001264
2.384993	7.64E-05	0.001145	0.000305	0.001188
2.387356	7.64E-05	0.000534	-0.00038	0.000661
2.389719	0.001909	-7.6E-05	0.000229	0.001924
2.392082	0.001298	-7.6E-05	-0.00099	0.001636
2.394445	7.64E-05	-0.00069	-0.00038	0.00079
2.396807	7.64E-05	0.000534	-0.0016	0.001692
2.39917	-0.00053	0.000534	-0.00038	0.000847
2.401533	-0.00053	0.002367	-0.00038	0.002456
2.403896	0.000687	0.001145	0.001451	0.001972
2.406258	0.001298	-0.0013	0.000229	0.00185
2.408621	0.000687	-7.6E-05	0.00084	0.001088
2.410984	0.00252	-0.00069	0.000229	0.002622
2.413347	0.001909	-7.6E-05	-0.00038	0.001948
2.41571	0.000687	-7.6E-05	-0.00099	0.00121
2.418072	7.64E-05	-0.0013	0.001451	0.001948
2.420435	0.001298	0.000534	0.001451	0.002019
2.422798	7.64E-05	0.000534	0.00084	0.000998
2.425161	7.64E-05	-7.6E-05	0.00084	0.000847
2.427524	-0.00115	-7.6E-05	0.001451	0.00185
2.429886	7.64E-05	-7.6E-05	-0.00099	0.000998
2.432249	0.001909	-7.6E-05	0.001451	0.002399
2.434612	7.64E-05	-7.6E-05	-0.00099	0.000998
2.436975	7.64E-05	-0.00069	0.000229	0.000728
2.439338	0.001909	0.000534	0.000229	0.001996
2.4417	0.001298	0.001756	0.001451	0.002622
2.444063	0.001298	-0.00069	0.000229	0.001486
2.446426	-0.00053	0.001756	-0.00038	0.001875
2.448789	-0.00115	0.001145	0.000229	0.001636
2.451151	0.001298	-7.6E-05	0.00084	0.001548
2.453514	7.64E-05	-7.6E-05	-0.00038	0.000397
2.455877	0.000687	-0.0013	0.000229	0.001486
2.45824	0.001298	-7.6E-05	0.00084	0.001548
2.460603	-0.00053	-7.6E-05	-0.0016	0.001692
2.462965	0.000687	-7.6E-05	0.00084	0.001088
2.465328	-0.00053	0.000534	-0.00038	0.000847
2.467691	0.001298	-7.6E-05	-0.00107	0.001683
2.470054	0.000687	0.000534	-0.00046	0.000984

2.472417	7.64E-05	0.000534	-0.00046	0.000708
2.474779	0.001298	-0.00069	0.000764	0.001655
2.477142	0.001909	0.001145	-0.00046	0.002273
2.479505	0.000687	0.001756	-0.00168	0.002526
2.481868	-0.00053	0.001145	-0.00046	0.001344
2.484231	0.000687	0.000534	-0.00107	0.001379
2.486593	7.64E-05	0.001756	-0.00046	0.001817
2.488956	7.64E-05	0.001145	0.001374	0.001791
2.491319	0.004276	0.002367	0.000764	0.004947
2.493682	0.001833	-7.6E-05	-0.00107	0.002123
2.496045	0.001222	-0.00069	-0.00168	0.002188
2.498407	0	-0.00069	0.000153	0.000704
2.50077	-0.00122	-0.0013	-0.00046	0.00184
2.503133	-0.00122	-0.0013	0.000764	0.001939
2.505496	-0.00061	0.001145	0.000764	0.001506
2.507858	-0.00061	-0.00069	0.001985	0.002188
2.510221	0.001833	-7.6E-05	0.000153	0.00184
2.512584	0.001222	-0.00069	0.000764	0.001596
2.514947	0.001222	0.002367	0.000153	0.002668
2.51731	0.001833	0.001145	-0.00107	0.002411
2.519672	0.001222	0.000534	0.000764	0.001537
2.522035	0	-0.00069	-0.00046	0.000826
2.524398	-0.00122	-0.00069	-0.00046	0.001475
2.526761	0.000611	0.000534	-0.00168	0.001866
2.529124	0	0.000534	0.000153	0.000556
2.531486	-0.00061	0.000534	-0.00046	0.000932
2.533849	0	-0.00069	0.000153	0.000704
2.536212	0.000611	0.000534	0.000153	0.000826
2.538575	-7.6E-05	0.000534	0.000153	0.000561
2.540938	0.000534	-7.6E-05	-0.00107	0.001198
2.5433	0.001145	-0.0013	0.001374	0.00221
2.545663	-7.6E-05	-0.00069	0.000153	0.000708
2.548026	0.001145	0.000534	-0.00046	0.001344
2.550389	0.001756	0.000534	0.000153	0.001842
2.552751	-0.00069	0.001145	-0.00046	0.001412
2.555114	-0.0013	0.000458	0.000764	0.001574
2.557477	-0.0013	-0.00137	0.001985	0.002741
2.55984	0.001145	0.00168	0.000764	0.002172
2.562203	0.001756	-0.00015	0.000153	0.001769
2.564565	-7.6E-05	-0.00015	0.000153	0.000229
2.566928	-0.0013	-0.00015	0.000153	0.001316
2.569291	0.000534	-0.00015	-0.00046	0.00072
2.571654	-0.00069	0.000458	-0.00046	0.000944
2.574017	-7.6E-05	0.002291	-0.00107	0.002529
2.576379	-0.00069	-0.00137	-0.00046	0.001603
2.578742	-0.0013	-0.00015	-0.00168	0.002128
2.581105	-7.6E-05	-0.00015	-0.00046	0.000489
2.583468	0.000458	0.000458	0.000764	0.001001
2.585831	-0.00015	-0.00137	-0.00046	0.001457
2.588193	-0.00076	-0.00137	0.000764	0.001748
2.590556	0.000458	0.000458	-0.00046	0.000794
2.592919	0.000458	0.000458	-0.00168	0.0018

2.595282	-0.00199	0.000458	-0.00229	0.003066
2.597644	-0.00137	-0.00076	0.000153	0.00158
2.600007	-0.00076	-0.00076	0.001374	0.001748
2.60237	-0.00015	-0.00137	0.000153	0.001391
2.604733	-0.00199	-0.00137	-0.00168	0.002941
2.607096	0.001069	-0.00076	-0.00107	0.001694
2.609458	-0.00015	-0.00137	-0.00046	0.001457
2.611821	-0.00199	-0.00076	0.002596	0.003356
2.614184	-0.00076	-0.00015	0.000764	0.001091
2.616547	-0.00137	-0.00137	0.000764	0.002088
2.61891	0.000458	-0.00137	-0.00046	0.001519
2.621272	-0.00076	-0.00076	0.000764	0.001323
2.623635	-0.00015	-0.00076	0.000153	0.000794
2.625998	-0.00076	-0.00015	-0.00107	0.001323
2.628361	-0.00015	-0.00076	0.001985	0.002133
2.630724	-0.00199	-0.00137	0.000153	0.002419
2.633086	-0.00199	-0.00015	-0.00168	0.002605
2.635449	-0.00015	-0.00076	0.000153	0.000794
2.637812	-0.00076	-0.00015	-0.00046	0.000903
2.640175	-0.00076	-0.00015	0.001374	0.00158
2.642538	-0.00137	-0.00076	0.000153	0.00158
2.6449	0.000458	0.001069	-0.00046	0.00125
2.647263	-0.00076	-0.00015	-0.00046	0.000903
2.649626	-0.00076	0.00168	-0.00107	0.002133
2.651989	0.001069	0.001069	-0.00046	0.00158
2.654351	-0.00076	-0.00137	0.000764	0.001748
2.656714	-0.00015	0.000458	-0.00107	0.001173
2.659077	0.000458	0.000458	-0.00107	0.00125
2.66144	0.001069	0.000458	0.001985	0.002301
2.663803	-0.00076	0.000458	-0.00107	0.001391
2.666165	-0.00076	-0.00076	-0.00107	0.001519
2.668528	0.001069	-0.00015	-0.00046	0.001173
2.670891	-0.00015	-0.00015	-0.00046	0.000506
2.673254	-0.00076	-0.00076	0.000764	0.001323
2.675617	0.000458	-0.00137	0.000153	0.001457
2.677979	-0.00015	-0.00076	0.000153	0.000794
2.680342	0.00168	-0.00076	0.001374	0.002301
2.682705	0.000458	-0.00076	0.000153	0.000903
2.685068	-0.00076	-0.00199	-0.00107	0.002381
2.687431	-0.00137	-0.00076	-0.00107	0.001901
2.689793	-0.00076	-0.00076	-0.00046	0.001173
2.692156	-0.00015	-0.00137	-0.00046	0.001457
2.694519	0.000458	-0.00137	0.000764	0.001638
2.696882	-0.00137	-0.00199	0.000153	0.002419
2.699244	-0.00076	-0.00076	0.000153	0.001091
2.701607	-0.00137	-0.00015	0.000153	0.001391
2.70397	-0.00015	-0.00199	-0.00046	0.002043
2.706333	0.000458	0.000458	0.000764	0.001001
2.708696	-0.00076	0.002291	0.000153	0.002419
2.711058	-0.00015	0.000458	-0.00046	0.000666
2.713421	0.000458	-0.00076	0.000764	0.001173
2.715784	-0.00015	0.001145	0.000153	0.001166

2.718147	0.002291	-7.6E-05	-0.00046	0.002337
2.72051	0.00168	-7.6E-05	0.001985	0.002602
2.722872	-0.00076	-0.00069	-0.00046	0.001125
2.725235	-0.00076	0.001145	0.000153	0.001385
2.727598	0.00168	0.000534	-0.00046	0.001821
2.729961	0.000458	0.001145	0.000764	0.001451
2.732324	0.001069	-7.6E-05	0.001985	0.002256
2.734686	0.002902	0.000534	0.001985	0.003556
2.737049	0.002902	-0.0013	0.001374	0.003463
2.739412	-0.00015	-0.0013	0.001374	0.001897
2.741775	0.001069	-7.6E-05	-0.00168	0.001993
2.744138	-0.00015	0.000534	0.000153	0.000576
2.7465	-0.00137	0.001145	-0.00046	0.001847
2.748863	-0.0026	0.002367	0.000153	0.003517
2.751226	-0.00137	-0.00069	-0.00046	0.001603
2.753589	-0.00015	-7.6E-05	0.001985	0.001993
2.755951	0.000458	0.001756	0.000153	0.001821
2.758314	0.002902	0.001756	-0.00168	0.003785
2.760677	0.001756	-0.00069	-0.00107	0.002168
2.76304	-0.0013	-0.00313	0.000764	0.003474
2.765403	-0.00313	0.000534	0.001374	0.003461
2.767765	-0.00252	0.001756	0.000153	0.003075
2.770128	0.001756	0.001145	-0.00046	0.002146
2.772491	0.00481	-0.0013	-0.00046	0.005003
2.774854	0.002978	-0.00252	-0.00168	0.004247
2.777217	0.000534	-7.6E-05	-0.00046	0.000708
2.779579	-0.00191	0.002367	-0.00046	0.003075
2.781942	-0.00374	0.0042	0.000153	0.005627
2.784305	-0.00496	0.001756	-0.00168	0.005526
2.786668	0.000534	0.000534	-0.00046	0.000884
2.789031	0.002367	-0.0013	0.000153	0.002704
2.791393	0.003512	-0.00313	0.001374	0.004902
2.793756	0.004734	0.000534	-0.00046	0.004786
2.796119	0.001069	-0.00069	0.001985	0.002357
2.798482	-0.0026	-0.00069	0.000764	0.002792
2.800844	-0.00443	0.0042	-0.00046	0.00612
2.803207	-0.00321	0.000534	-0.00107	0.003422
2.80557	-0.0026	-0.0013	0.000764	0.003001
2.807933	-0.00015	0.001756	-0.00107	0.002062
2.810296	0.00168	0.006032	-0.00168	0.006483
2.812658	0.003512	0.006643	-0.00351	0.008295
2.815021	0.002291	-0.00252	-0.00168	0.003797
2.817384	0.002902	-0.01535	-0.00046	0.015626
2.819747	0.005956	-0.03001	0.000153	0.030594
2.82211	0.013286	-0.04528	-0.00046	0.04719
2.824472	0.020616	-0.04894	-0.00046	0.053111
2.826835	0.02367	-0.03489	-0.00046	0.042168
2.829198	0.015118	-0.00191	0.000764	0.015258
2.831561	-0.00076	0.031153	-0.00168	0.031208
2.833924	-0.01298	0.043981	0.000764	0.045863
2.836286	-0.02398	0.036651	0.000764	0.043803
2.838649	-0.0252	0.026266	0.001374	0.036424

2.841012	-0.02153	0.023823	0.001374	0.032141
2.843375	-0.00993	0.017104	-0.00046	0.019781
2.845738	0.000458	0.000611	0.000153	0.000779
2.8481	0.010232	-0.01771	0.001374	0.020503
2.850463	0.01634	-0.03237	-0.00046	0.036268
2.852826	0.018784	-0.02932	-0.00168	0.034862
2.855189	0.013286	-0.011	0.000153	0.017246
2.857552	0.004123	-0.00183	-0.00046	0.004535
2.859914	-0.00382	-0.00183	-0.00107	0.004368
2.862277	-0.00626	-0.00725	-0.00107	0.009642
2.86464	-0.0026	-0.01214	0.000153	0.012416
2.867003	0.00168	-0.01092	0.000153	0.011048
2.869365	0.002825	-0.00115	-0.00046	0.003083
2.871728	0.003436	0.006185	-0.00107	0.007155
2.874091	0.000993	0.010461	0.000153	0.010509
2.876454	-0.00267	0.011682	0.001374	0.012063
2.878817	-0.00695	0.015958	-0.00046	0.017411
2.881179	-0.00878	0.019089	-0.00412	0.021412
2.883542	-0.01	0.019089	0.000153	0.021551
2.885905	-0.00756	0.006872	-0.00168	0.010353
2.888268	0.001603	-0.00962	-0.00229	0.010019
2.890631	0.005269	-0.00962	-0.00351	0.011518
2.892993	0.007101	0.001374	-0.00412	0.008326
2.895356	0.004658	0.008094	-0.0029	0.009779
2.897719	0.001603	0.005116	0.001374	0.005535
2.900082	-0.00267	-0.00099	-0.0029	0.004068
2.902445	-0.00084	-0.0071	-0.00107	0.00723
2.904807	0.000305	-0.00588	-0.00046	0.005905
2.90717	0.001527	-0.00405	-0.00168	0.00464
2.909533	0.00336	-0.00649	-0.00168	0.007499
2.911896	0.005192	-0.00466	-0.00351	0.00781
2.914259	0.003971	-0.00466	-0.00229	0.006535
2.916621	0.00336	-0.00588	-0.00107	0.006855
2.918984	0.002138	-0.00221	-0.00168	0.003507
2.921347	0.000305	0.003894	-0.00283	0.004821
2.92371	-0.00092	0.005116	-0.00283	0.005915
2.926072	-0.00336	0.002062	-0.00466	0.006102
2.928435	-0.00275	0.001451	-0.0016	0.003497
2.930798	-0.00153	0.001527	-0.00099	0.002377
2.933161	0.000305	0.000305	-0.0016	0.001661
2.935524	0.004581	-0.00275	-0.00221	0.005783
2.937886	0.003971	-0.00153	0.000229	0.00426
2.940249	0.003971	-0.00031	-0.00099	0.004104
2.942612	0.001527	-0.00214	-0.00038	0.002655
2.944975	-0.00092	-0.00458	-0.0016	0.00494
2.947338	-0.00153	-0.00397	0.00084	0.004336
2.9497	-0.00283	-0.00214	0.001451	0.003828
2.952063	-0.00099	-0.00214	-0.00031	0.002377
2.954426	0.00084	-0.00214	-0.00092	0.002473
2.956789	-0.00038	-0.00153	0.002138	0.002655
2.959152	0.001451	0.002749	0.000305	0.003123
2.961514	0.000229	0.007025	-0.00031	0.007035

2.963877	-0.00099	0.005803	-0.00031	0.005895
2.96624	-0.00344	0.000916	-0.00031	0.003569
2.968603	-0.00283	0.000305	0.000305	0.002858
2.970965	-0.00221	-0.00153	0.001527	0.003093
2.973328	-0.00221	-0.00092	0.001527	0.002842
2.975691	0.000229	-0.00153	0.000916	0.001796
2.978054	0.003283	-0.00275	-0.00084	0.004364
2.980417	0.004505	-0.00389	-0.00023	0.005959
2.982779	0.002672	-0.00206	0.000993	0.003518
2.985142	0.00084	-0.00084	0.002214	0.002513
2.987505	-0.00168	0.002214	-0.00145	0.003135
2.989868	-0.00412	0.005269	-0.00023	0.006694
2.992231	-0.00534	0.005269	0.000382	0.007515
2.994593	-0.0029	0.000382	-0.00023	0.002935
2.996956	-0.0029	0.002825	-0.00145	0.004302
2.999319	-0.00351	0.01382	-0.00267	0.014508
3.001682	-0.00412	0.019318	-0.00076	0.019768
3.004045	-0.00534	0.014431	-0.00015	0.01539
3.006407	-0.0029	0.005879	-0.00015	0.006558
3.00877	-0.00229	0.002214	-0.00076	0.003276
3.011133	-0.0029	0.002825	-0.00076	0.004121
3.013496	-0.00168	0.004658	0.000458	0.004973
3.015859	-0.00168	0.008323	0.00168	0.008655
3.018221	-0.00351	0.007712	0.002291	0.008778
3.020584	-0.0029	0.007712	0.00168	0.008409
3.022947	-0.0029	0.007712	-0.00137	0.008354
3.02531	-0.00046	0.004658	0.001069	0.004801
3.027672	-0.00168	0.001603	0.000458	0.002367
3.030035	0.000153	0.000382	-0.00076	0.000867
3.032398	0.000764	-0.00023	-0.00015	0.000812
3.034761	-0.00107	0.004047	0.001145	0.00434
3.037124	-0.0029	0.002214	-7.6E-05	0.003651
3.039486	-0.00351	0.002825	0.001145	0.004651
3.041849	-0.00351	0.004658	-0.0013	0.005976
3.044212	-0.00168	0.005879	-0.0013	0.006251
3.046575	0.000764	0.005192	-7.6E-05	0.005249
3.048938	0.003818	0.004581	-7.6E-05	0.005964
3.0513	0.002672	0.00336	0.001145	0.004443
3.053663	0.002062	0.002138	-0.00191	0.003531
3.056026	-0.00344	0.001527	-7.6E-05	0.003761
3.058389	-0.00527	0.001451	0.000534	0.005491
3.060752	-0.00344	-0.00099	-0.00069	0.003642
3.063114	-0.00038	-0.00466	-0.00069	0.004724
3.065477	0.003283	-0.00832	0.001145	0.00902
3.06784	0.006338	-0.00954	0.001145	0.011514
3.070203	0.00817	-0.0084	0.001145	0.011773
3.072565	0.008781	-0.0084	0.001756	0.012277
3.074928	0.003894	-0.00534	-7.6E-05	0.006613
3.077291	-0.00221	0.000764	-0.00069	0.002441
3.079654	-0.00588	0.004352	0.002367	0.007688
3.082017	-0.00641	0.006796	0.001145	0.009414
3.084379	-0.00825	0.009239	0.000534	0.012396

3.086742	-0.00886	0.015958	0.001145	0.018288
3.089105	-0.00641	0.021456	-7.6E-05	0.022394
3.091468	-0.00214	0.013439	0.000611	0.013621
3.093831	-0.00031	0.001833	0.001222	0.002224
3.096193	0.000916	-0.00305	0	0.003189
3.098556	0.000916	0.001222	0	0.001527
3.100919	0.000305	0.002978	0	0.002994
3.103282	-0.00275	0.001145	0.002443	0.003852
3.105645	-0.00458	0.001145	0.001222	0.004878
3.108007	-0.00214	0.002367	0.001222	0.003416
3.11037	0.000305	0.001145	0	0.001185
3.112733	0.000993	-0.00015	-0.00061	0.001175
3.115096	0.001603	-0.00076	0	0.001776
3.117459	0.001603	0.000458	0.000611	0.001776
3.119821	0.000382	0.003512	0	0.003533
3.122184	-0.00512	0.004047	0	0.006523
3.124547	-0.00573	0.00649	0.001833	0.008847
3.12691	-0.00389	0.002214	0	0.00448
3.129272	-0.00206	-0.00023	0.001222	0.002407
3.131635	0.001603	-0.00145	0.000611	0.002247
3.133998	0.005269	-0.0058	-0.00061	0.007862
3.136361	0.007101	-0.00764	-0.00061	0.010445
3.138724	0.003512	-0.00458	0	0.005773
3.141086	0.001069	-0.00092	0	0.001408
3.143449	-0.00199	0.002672	0.001222	0.003546
3.145812	-0.00443	0.002062	0	0.004885
3.148175	-0.00565	-0.00099	0	0.005737
3.150538	-0.00137	-0.00412	-0.00061	0.004389
3.1529	0.003512	-0.00657	0.001222	0.007546
3.155263	0.005345	-0.0084	0.001222	0.01003
3.157626	0.005956	-0.0084	0.001222	0.010369
3.159989	0.005345	-0.00473	0	0.00714
3.162352	0.002978	-0.0042	0	0.005148
3.164714	-0.00191	-0.00481	-0.00122	0.005318
3.167077	-0.00496	-0.0042	-7.6E-05	0.006502
3.16944	-0.00435	-0.0042	0.001756	0.006298
3.171803	-0.00191	-0.0042	0.000534	0.004644
3.174165	0.002367	-0.0055	0.001145	0.006094
3.176528	0.005421	-0.00611	-7.6E-05	0.008168
3.178891	0.0042	-0.00367	0.001756	0.005844
3.181254	-0.00191	-0.00061	0.001145	0.002308
3.183617	-0.00313	0	0.000534	0.003176
3.185979	-0.00374	0.001222	0.001756	0.00431
3.188342	-0.00435	0.001833	0.001756	0.005038
3.190705	-0.00252	0.000611	0.001756	0.003132
3.193068	0.000611	0.000611	-7.6E-05	0.000867
3.195431	0.003054	-0.00313	-7.6E-05	0.004374
3.197793	0.004887	-0.00496	-7.6E-05	0.006966
3.200156	0.003054	-0.00374	0.000534	0.004859
3.202519	0.002443	-0.00374	0.002367	0.005057
3.204882	0.001222	-0.00313	0.000534	0.003403
3.207245	-0.00183	-0.00191	-0.00069	0.002734

3.209607	-0.00244	-0.00374	0.000534	0.0045
3.21197	0.000611	-0.00191	-7.6E-05	0.002006
3.214333	0.002443	-0.00191	0.001145	0.003305
3.216696	0.003054	-0.00557	-0.0013	0.006487
3.219059	0.001833	-0.00557	-0.00069	0.005908
3.221421	0.001833	-0.00374	-0.00191	0.004583
3.223784	0.003665	-0.0055	-7.6E-05	0.006608
3.226147	0.001222	-0.00977	-7.6E-05	0.00985
3.22851	0.001222	-0.01222	-7.6E-05	0.012278
3.230873	0.003054	-0.01161	0.001145	0.012056
3.233235	0.005498	-0.00611	-7.6E-05	0.008218
3.235598	0.003665	-0.00367	-0.00069	0.005229
3.237961	0.001222	-0.00122	0.000534	0.001809
3.240324	-0.00122	0.000611	-0.00137	0.001938
3.242686	-0.00122	-0.00244	-0.00076	0.002836
3.245049	-0.00305	-0.00183	-0.00076	0.003643
3.247412	-0.00183	-0.00298	-0.00199	0.004021
3.249775	-0.00183	-0.00176	0.000458	0.002579
3.252138	0.000611	0.000687	0.002291	0.002468
3.2545	0	0.00252	-0.00137	0.00287
3.256863	-0.00061	-0.00115	-0.00076	0.001506
3.259226	0	-0.00237	-0.00015	0.002372
3.261589	0.001833	-0.00359	0.001069	0.004169
3.263952	0.001222	-0.00412	-0.00076	0.004368
3.266314	0	-0.00229	-0.00076	0.002415
3.268677	0.000611	-0.00229	0.001069	0.002601
3.27104	0	-0.00229	-0.00015	0.002296
3.273403	0	-0.00221	-0.00015	0.00222
3.275766	0.003665	-0.0016	-0.00076	0.004073
3.278128	0.004276	-0.00527	0.001069	0.006869
3.280491	0.004276	-0.00649	0.001069	0.007845
3.282854	0.004276	-0.00519	0.000458	0.006742
3.285217	0.003054	-0.00397	-0.00137	0.005194
3.287579	0.001222	-0.00275	-0.00137	0.003307
3.289942	0.001222	-0.00397	-0.00015	0.004157
3.292305	0.001833	-0.00275	0.000458	0.003335
3.294668	0.002443	-0.0045	-0.00015	0.005127
3.297031	0.001222	-0.00634	-0.00015	0.006456
3.299393	0.003054	-0.00328	-0.00015	0.004487
3.301756	0.0042	-0.00137	0.001069	0.004546
3.304119	0.002978	-0.00565	-0.00076	0.006433
3.306482	0.0042	-0.00565	-0.00199	0.007315
3.308845	0.001145	-0.00321	-0.00076	0.00349
3.311207	0.000534	-0.00199	0.002291	0.003078
3.31357	0.001145	-0.0013	0.001069	0.002035
3.315933	0.000534	-0.00313	0.000458	0.003209
3.318296	0.002978	-0.00496	-0.00015	0.00579
3.320659	0.00481	-0.00435	0.002291	0.00688
3.323021	0.005421	-0.00672	0.002902	0.009108
3.325384	0.0042	-0.00489	0.002291	0.006838
3.327747	0.002367	-0.00428	0.001069	0.005003
3.33011	0.003589	-0.00786	0.00168	0.008806

3.332473	0.003512	-0.00603	0.002291	0.007346
3.334835	0.003512	-0.00351	0.00168	0.005244
3.337198	0.002902	-0.00412	0.002291	0.005538
3.339561	0.00168	-0.00351	0.00168	0.00424
3.341924	0.002291	-0.0016	-0.00076	0.002899
3.344286	0.002291	-0.00344	-0.00015	0.004132
3.346649	0.002291	-0.00405	0.000458	0.004673
3.349012	0.004047	-0.00336	0.000458	0.00528
3.351375	0.003436	-0.00458	0.00168	0.005968
3.353738	0.001603	-0.00702	0.002214	0.007538
3.3561	0.001603	-0.00145	-0.00023	0.002174
3.358463	0.000382	-0.00023	-0.00023	0.000501
3.360826	0.001603	-0.00145	0.001603	0.002692
3.363189	0.001603	-0.00389	0.000382	0.004229
3.365552	0.000916	-0.00321	-0.00145	0.003637
3.367914	0.002749	-0.00321	0.000382	0.004241
3.370277	0.002138	-0.00252	0.000993	0.00345
3.37264	0.000305	-0.00069	0.002214	0.002339
3.375003	0.000916	-0.00313	0.001603	0.003635
3.377366	0.000916	-0.00305	0.000993	0.00334
3.379728	0.003283	-0.00305	0.000993	0.004593
3.382091	0.002672	-0.00305	0.002214	0.004623
3.384454	0.000229	-0.00237	0.002214	0.003249
3.386817	0.00084	-0.00176	0.000382	0.001984
3.38918	0.001374	-0.00229	-0.00023	0.002681
3.391542	0.000764	-0.00351	0.000993	0.003729
3.393905	0.000764	-0.00527	0.000382	0.005337
3.396268	0.002596	-0.00283	-0.00023	0.003844
3.398631	0.001985	-0.00221	0.000993	0.003135
3.400994	-0.00107	-0.00221	0.000993	0.002652
3.403356	7.64E-05	-0.00519	-0.00084	0.00526
3.405719	0.000687	-0.00275	-0.00092	0.002978
3.408082	-0.00176	0.000382	-0.00031	0.001823
3.410445	-0.00053	-0.00023	-0.00031	0.000657
3.412807	-0.00061	-0.00199	0.002138	0.002981
3.41517	-0.00122	-0.00321	-0.00031	0.003445
3.417533	0.000611	-0.00321	-0.00153	0.003604
3.419896	0.001833	-0.00137	0.000916	0.002467
3.422259	0.001222	-0.0013	-0.00031	0.001809
3.424621	0.000534	-0.00183	0.000305	0.001933
3.426984	0.001145	-0.00428	0.000916	0.004521
3.429347	0.002978	-0.00305	-0.00214	0.004771
3.43171	-7.6E-05	-0.00542	0.000916	0.005499
3.434073	0.001756	-0.00237	0.002138	0.003641
3.436435	0.000458	-0.00176	0.000916	0.002033
3.438798	0.001069	-0.00168	-0.00031	0.002014
3.441161	0.002291	-0.00046	0.001527	0.002791
3.443524	0.002902	-0.00107	0.002062	0.003716
3.445887	0.002291	-0.00046	0.001451	0.00275
3.448249	0.002291	-0.00038	0.000229	0.002334
3.450612	0.000382	0.001527	-0.00038	0.00162
3.452975	0.001603	0.001527	0.00084	0.002368

3.455338	0.002214	0.000916	0.00084	0.002539
3.4577	-0.00084	0.001603	-0.00038	0.00185
3.460063	-0.00084	0.000993	0.002672	0.002972
3.462426	0.000993	0.000382	0.002672	0.002876
3.464789	0.000993	0.000382	0.00084	0.001355
3.467152	0.000916	0.00168	0.000229	0.001927
3.469514	0.000305	0.004123	0.000229	0.004141
3.471877	-0.00031	0.004123	0.001451	0.004382
3.47424	-0.00031	0.002367	0.000229	0.002398
3.476603	-0.00092	-0.00069	0.002062	0.002358
3.478966	-0.00038	0.001222	0.000153	0.001289
3.481328	0.00084	0.000611	0.001374	0.001723
3.483691	-0.00038	0.002443	-0.00107	0.002694
3.486054	0.000229	0.001833	0.001374	0.002302
3.488417	0.000229	0.001298	0.001985	0.002383
3.49078	0.001451	0.000687	0.001374	0.002113
3.493142	0.000229	-0.00053	0.001374	0.001492
3.495505	-0.00229	-0.00053	0.000153	0.002357
3.497868	0.000153	0.001298	0.001374	0.001897
3.500231	0.000153	0.001985	0.000764	0.002133
3.502594	-0.00168	0.001374	0.001374	0.002569
3.504956	-0.0029	0.002596	0.000764	0.003968
3.507319	-0.00107	0.003283	-0.00046	0.003483
3.509682	-0.00168	0.002062	0.000764	0.002767
3.512045	-0.00046	0.002672	0.000764	0.002817
3.514407	0.001298	0.002672	7.64E-05	0.002972
3.51677	7.64E-05	0.00084	7.64E-05	0.000847
3.519133	-0.00053	0.002672	7.64E-05	0.002726
3.521496	-0.00053	0.002062	-0.00053	0.002196
3.523859	-0.00176	0.002138	7.64E-05	0.002768
3.526221	-0.00481	0.00336	-0.00115	0.005978
3.528584	-0.00481	0.000916	0.000687	0.004945
3.530947	-0.00176	0.000916	-0.00115	0.002288
3.53331	-0.00061	0.000916	-0.00115	0.001589
3.535673	0	0.002138	-0.00115	0.002425
3.538035	0.000611	0.001527	7.64E-05	0.001647
3.540398	-0.00183	0.002138	-0.00176	0.003319
3.542761	-0.00122	0.003436	-0.00122	0.003846
3.545124	-0.00183	0.003436	-0.00122	0.004081
3.547487	-0.00244	0.002825	0.001833	0.004161
3.549849	-0.00244	0.003436	-0.00183	0.004597
3.552212	-0.00183	0.003436	0	0.003894
3.554575	-0.00122	0.001603	-0.00122	0.002357
3.556938	0	0.002825	0	0.002825
3.559301	-0.00244	0.002214	-0.00061	0.003354
3.561663	-0.00305	0.002214	-0.00244	0.004495
3.564026	-0.00183	0.002825	-0.00061	0.003422
3.566389	-0.00367	0.004047	-0.00061	0.005494
3.568752	-0.00183	0.002214	-0.00061	0.002938
3.571114	0	0.002825	0.001222	0.003078
3.573477	-0.00061	0.002825	0	0.00289
3.57584	0	0.001603	-0.00061	0.001716

3.578203	-0.00183	0.001603	-0.00061	0.00251
3.580566	-0.00367	0.004658	0.001222	0.006051
3.582928	-0.00367	0.004047	0	0.00546
3.585291	-0.00367	0.005879	-0.00061	0.006955
3.587654	-0.00122	0.004658	-7.6E-05	0.004816
3.590017	0.001222	0.002214	0.000534	0.002585
3.59238	0.000611	0.000382	-0.00069	0.000996
3.594742	0	0.002138	0.000534	0.002204
3.597105	-0.00122	0.002138	-0.00069	0.002556
3.599468	-0.00244	0.000305	-0.0013	0.002784
3.601831	-0.00122	0.001527	-0.0013	0.002347
3.604194	0	-0.00031	-0.00069	0.000752
3.606556	-0.00122	0.000916	-0.00069	0.001675
3.608919	0.000611	0.001527	-0.0013	0.002095
3.611282	0.000611	0.001527	0.000534	0.001729
3.613645	0	0.000305	-0.0013	0.001333
3.616008	0.001833	-0.00275	-0.0013	0.00355
3.61837	0.001222	-0.00283	-0.00069	0.003154
3.620733	0.001222	-0.00038	-7.6E-05	0.001282
3.623096	-0.00183	0.001451	-7.6E-05	0.002339
3.625459	-0.00298	0.002672	-7.6E-05	0.004002
3.627821	-0.00176	0.002672	-0.00069	0.003271
3.630184	7.64E-05	0.00084	-7.6E-05	0.000847
3.632547	7.64E-05	-0.00099	-0.00191	0.002153
3.63491	7.64E-05	-0.00107	-0.00191	0.002189
3.637273	0.001298	-0.00046	-0.0013	0.001892
3.639635	0.000687	-0.00107	-0.0013	0.001817
3.641998	7.64E-05	0.001374	-0.0013	0.001892
3.644361	-0.00176	0.002596	-0.00252	0.004022
3.646724	-0.00115	0.000764	-7.6E-05	0.001379
3.649087	-0.00298	0.00252	0.001756	0.004278
3.651449	-0.00237	0.001298	-0.00069	0.002786
3.653812	0.000687	0.001298	-0.00069	0.001622
3.656175	0.001298	0.001298	-0.00069	0.00196
3.658538	0.000764	-0.00115	-0.00069	0.001539
3.660901	0.001374	-0.00053	-0.00191	0.002412
3.663263	-0.00046	-0.00053	-0.00252	0.002616
3.665626	-0.00168	0.001298	-0.00069	0.002231
3.667989	-0.00168	0.004352	0.000534	0.004696
3.670352	-0.00107	0.002443	0.001756	0.003193
3.672714	-0.00046	0.001222	0.001145	0.001736
3.675077	0.000764	0.000611	0.000534	0.001114
3.67744	0.001985	0.001833	-0.00061	0.00277
3.679803	-0.00107	0.002443	0.001222	0.002933
3.682166	-0.00351	0.002443	-0.00061	0.004322
3.684529	-0.00229	0.004887	-0.00061	0.005431
3.686891	-0.00168	0.003665	-0.00122	0.004213
3.689254	0.000153	0.001145	-0.00061	0.001307
3.691617	-0.00046	-0.00191	-0.00183	0.002686
3.69398	0.000153	-0.00069	-0.00122	0.00141
3.696342	0.00084	-0.00069	0.001222	0.001634
3.698705	0.000229	0.001145	-0.00183	0.002173

3.701068	-0.00344	0.002367	0.000611	0.004217
3.703431	-0.00405	-7.6E-05	0.001833	0.004443
3.705794	-0.00283	0.00168	0.000611	0.003343
3.708156	-0.00221	0.002291	0.000611	0.003244
3.710519	-0.00099	-0.00015	-0.00183	0.00209
3.712882	-0.00099	0.000458	-0.00122	0.001639
3.715245	0.003283	0.000458	-0.00244	0.004118
3.717608	0.001451	-0.0026	-0.00061	0.003036
3.71997	0.000229	0.000458	-0.00122	0.001325
3.722333	-0.00099	0.002291	-0.00061	0.00257
3.724696	-0.00221	0.004047	-0.00122	0.004772
3.727059	-0.00405	0.007101	-0.00183	0.008376
3.729422	-0.00344	0.005879	-0.00061	0.006837
3.731784	-0.00092	0.001603	-0.00061	0.001945
3.734147	-0.00092	0.000993	-0.00122	0.001821
3.73651	0.002138	-0.00023	-0.00183	0.002825
3.738873	0.001527	-0.00023	-0.00237	0.002826
3.741235	0.000916	-0.00023	-0.00176	0.001994
3.743598	0.000305	-0.00031	-0.00176	0.001809
3.745961	-0.00092	0.002749	7.64E-05	0.002899
3.748324	-0.00336	0.003971	-0.00176	0.00549
3.750687	-0.00336	0.002138	-0.00115	0.004144
3.753049	-0.00153	0.002749	-0.00053	0.00319
3.755412	0.001527	0.000916	0.000687	0.001909
3.757775	0.000382	-0.00038	-0.00237	0.002428
3.760138	0.000993	-0.0016	-0.00176	0.002577
3.762501	0.000382	-0.00283	-0.00176	0.003348
3.764863	0.000382	0.000229	-0.00115	0.001229
3.767226	-0.00206	0.000229	-0.00298	0.003629
3.769589	-0.00328	0.00084	-0.00115	0.003577
3.771952	-0.00328	0.001451	-0.00176	0.003996
3.774315	-0.00084	0.001985	-0.00115	0.002441
3.776677	0.000382	0.000153	-0.00176	0.001804
3.77904	-0.00023	-0.00046	-0.00176	0.001829
3.781403	0.000993	0.000153	-0.00107	0.001467
3.783766	0.000993	-0.00046	-0.00351	0.003679
3.786129	0.001069	-0.00168	-0.0029	0.003519
3.788491	-0.00199	-0.00176	-0.00229	0.003503
3.790854	-0.00199	0.001298	-0.00229	0.003297
3.793217	-0.00137	0.000687	-0.0029	0.003283
3.79558	-0.00137	7.64E-05	-0.00351	0.003772
3.797943	-0.00015	7.64E-05	-0.00229	0.002297
3.800305	-0.00015	-0.00053	-0.00229	0.002357
3.802668	0.000458	0.00252	-0.00168	0.003063
3.805031	-0.00015	0.001909	-0.00588	0.006183
3.807394	-0.00015	0.000611	-0.00588	0.005913
3.809756	-0.00137	0.001222	-0.00527	0.005558
3.812119	-0.00076	-0.00061	-0.00588	0.00596
3.814482	-0.0013	0.001833	-0.00771	0.008032
3.816845	-0.00252	0.002443	-0.00954	0.010169
3.819208	-0.00313	0.001833	-0.00893	0.009642
3.82157	-0.00191	0.002443	-0.01199	0.012382

3.823933	0.001145	0.002443	-0.01504	0.015282
3.826296	-7.6E-05	0.001756	-0.01252	0.012645
3.828659	-0.00252	0.002978	-0.01619	0.016651
3.831022	-7.6E-05	0.001145	-0.01741	0.017447
3.833384	0.002367	0.002978	-0.01802	0.018417
3.835747	0.000534	0.002367	-0.02291	0.023035
3.83811	-0.00313	0.002367	-0.02283	0.023165
3.840473	-0.00313	0.001145	-0.02405	0.024282
3.842836	-7.6E-05	0.002978	-0.02222	0.022418
3.845198	0.000611	0.001756	-0.02222	0.022297
3.847561	0.002443	-0.00015	-0.02336	0.023493
3.849924	0.001222	-0.00137	-0.02459	0.024655
3.852287	-0.00122	0.000458	-0.02512	0.025155
3.854649	-0.00061	0.005345	-0.02573	0.026288
3.857012	-0.00183	0.005956	-0.02573	0.026476
3.859375	-0.00183	0.003512	-0.02451	0.024828
3.861738	0	0.001069	-0.02451	0.024534
3.864101	0	0.002291	-0.02329	0.023401
3.866463	0.001222	0.004123	-0.02573	0.026089
3.868826	0.001833	0.002902	-0.02756	0.027777
3.871189	-0.00183	0.002291	-0.02573	0.025899
3.873552	-0.00122	-0.00076	-0.02329	0.023333
3.875915	0.000611	0.00168	-0.0239	0.023966
3.878277	-0.00305	0.001069	-0.02634	0.026541
3.88064	-0.00428	0.005345	-0.0294	0.030183
3.883003	-0.00244	0.006567	-0.02634	0.027259
3.885366	0.000611	0.003512	-0.02451	0.024768
3.887729	0.001833	0.003512	-0.02329	0.023623
3.890091	0.000611	0.001069	-0.02268	0.022711
3.892454	0.001222	-0.00015	-0.02146	0.021491
3.894817	0.001833	0.00168	-0.01962	0.01978
3.89718	-0.00367	0.004123	-0.0184	0.019211
3.899543	-0.00305	0.003512	-0.01779	0.01839
3.901905	-0.00183	0.004123	-0.01596	0.016584
3.904268	-0.00305	0.004123	-0.01596	0.016763
3.906631	-0.00305	0.000458	-0.0129	0.013269
3.908994	0	0.003512	-0.01168	0.012199
3.911357	0	0.00168	-0.01046	0.010595
3.913719	0.000611	0.001069	-0.01229	0.012355
3.916082	0	-0.00076	-0.0129	0.012927
3.918445	-0.00183	-0.00076	-0.01107	0.011248
3.920808	-0.00183	0.000458	-0.01107	0.011232
3.92317	-0.00122	0.00168	-0.01107	0.011265
3.925533	-0.00122	0.00168	-0.01351	0.013674
3.927896	-0.00122	0.00168	-0.01413	0.014278
3.930259	-0.00122	0.002902	-0.01413	0.014472
3.932622	0.001222	-0.00076	-0.01351	0.013592
3.934984	0.000611	0.000458	-0.0129	0.012927
3.937347	0.001222	0.001069	-0.0129	0.013006
3.93971	0.002443	0.00168	-0.01351	0.013836
3.942073	-0.00061	0.002291	-0.01474	0.014926
3.944436	-0.00122	0.002902	-0.01474	0.015069

3.946798	-0.00122	0.002902	-0.01413	0.014472
3.949161	-0.00244	0.000458	-0.01596	0.016151
3.951524	-0.00122	0.002902	-0.01535	0.015667
3.953887	0	0.004734	-0.01474	0.015478
3.95625	0.001222	0.002902	-0.0129	0.013283
3.958612	0.000611	0.000458	-0.01351	0.013537
3.960975	0.001833	0.000458	-0.01351	0.013646
3.963338	0.002443	0.002291	-0.01351	0.013924
3.965701	-0.00061	0.002291	-0.01535	0.01553
3.968064	-0.00061	0.002902	-0.01413	0.014434
3.970426	0.000611	-0.00015	-0.01413	0.01414
3.972789	-0.00061	0.00168	-0.01535	0.015451
3.975152	-0.00183	0.00168	-0.01596	0.016151
3.977515	-0.00061	0.002902	-0.01535	0.015631
3.979877	0	0.006567	-0.01718	0.018392
3.98224	-0.00061	0.005345	-0.01474	0.015688
3.984603	-0.00061	0.004123	-0.01474	0.015315
3.986966	-0.00061	0.002291	-0.01596	0.016134
3.989329	-0.00183	0.002291	-0.01657	0.016827
3.991691	0	0.002902	-0.01779	0.018026
3.994054	0.000611	0.002291	-0.0184	0.018554
3.996417	0.001833	0.002902	-0.01901	0.01932
3.99878	0.002443	0.004734	-0.01962	0.020334
4.001143	-0.00122	0.005345	-0.02023	0.020964
4.003505	-0.00305	0.007177	-0.0239	0.02514
4.005868	-0.00305	0.005956	-0.02268	0.023645
4.008231	-0.00122	0.004734	-0.02329	0.023796
4.010594	0.000611	0.001069	-0.02756	0.027592
4.012957	0.004276	-0.00076	-0.02756	0.027905
4.015319	0.006108	-0.00199	-0.02756	0.028303
4.017682	0.004887	-0.0026	-0.02695	0.027516
4.020045	0.003054	0.001069	-0.02818	0.028361
4.022408	0	0.004123	-0.03062	0.030895
4.024771	-0.00244	0.004734	-0.02879	0.029275
4.027133	-0.00305	0.004123	-0.0294	0.029841
4.029496	-0.00061	0.004734	-0.02695	0.027373
4.031859	-0.00061	0.004123	-0.02695	0.027274
4.034222	0.002443	0.002902	-0.02695	0.027219
4.036584	0.003054	0.002902	-0.02695	0.027281
4.038947	0.004276	-0.00015	-0.02756	0.027895
4.04131	0.001833	-0.00321	-0.02695	0.027206
4.043673	0	-0.00076	-0.03001	0.030018
4.046036	-0.00244	0.004734	-0.02695	0.027475
4.048398	-0.00305	0.009621	-0.02573	0.027641
4.050761	-0.00183	0.00901	-0.0239	0.025607
4.053124	0	0.005345	-0.02329	0.023894
4.055487	0.001833	0.000458	-0.02146	0.021539
4.05785	0.002443	-0.0026	-0.01962	0.019945
4.060212	0.001833	-0.0026	-0.02023	0.020482
4.062575	0.001222	-0.00382	-0.01962	0.020029
4.064938	0	-0.00199	-0.01474	0.01487
4.067301	-0.00122	0.005345	-0.00618	0.008265

4.069664	-0.00367	0.013286	-0.00557	0.014867
4.072026	-0.00489	0.004734	-0.00496	0.008422
4.074389	-0.00489	-0.00504	-0.00557	0.008964
4.076752	-0.00122	-0.00687	-0.00435	0.008226
4.079115	0.002443	-0.00443	-0.00252	0.005651
4.081478	0.003054	0.00168	-0.00191	0.003974
4.08384	0.000611	0.002291	-0.00435	0.004956
4.086203	-0.00061	-0.00199	-0.00435	0.004823
4.088566	-0.00122	-0.00321	-0.00313	0.004645
4.090929	-0.00183	-0.00199	-0.00741	0.007884
4.093292	-0.00122	0.002291	-0.00618	0.006708
4.095654	-0.00122	0.005345	-0.00863	0.010223
4.098017	0	0.003512	-0.00985	0.010457
4.10038	0.002443	-0.00321	-0.01229	0.012938
4.102743	0.002443	-0.00137	-0.01657	0.016805
4.105105	0.004276	-0.00137	-0.01962	0.020131
4.107468	0.002443	0.001069	-0.02329	0.023441
4.109831	0.001222	0.002291	-0.02634	0.02647
4.112194	0.000611	0.004123	-0.02879	0.029086
4.114557	0.000611	0.003512	-0.02879	0.029006
4.116919	0.001222	0.003512	-0.0294	0.029631
4.119282	0.003054	0.002291	-0.0294	0.029644
4.121645	0.003054	0.00168	-0.02756	0.027784
4.124008	0.002443	0.001069	-0.02634	0.026477
4.126371	0.003054	-0.00015	-0.02634	0.02652
4.128733	0.001833	0.001069	-0.0239	0.023993
4.131096	-0.00122	0.001069	-0.02085	0.020908
4.133459	-0.00061	0.002902	-0.02023	0.02045
4.135822	-0.00183	0.002902	-0.01962	0.019921
4.138185	-0.00244	0.003512	-0.01596	0.016522
4.140547	-0.00244	0.00168	-0.01413	0.014434
4.14291	-0.00183	0.00168	-0.01351	0.013742
4.145273	-0.00122	0.001069	-0.01229	0.0124
4.147636	-0.00122	0.002291	-0.01168	0.011967
4.149999	-0.00122	0.00168	-0.01107	0.011265
4.152361	-0.00244	0.001069	-0.01107	0.011388
4.154724	-0.00061	0.000458	-0.01229	0.012317
4.157087	0	0.001069	-0.0129	0.012948
4.15945	-0.00122	0.001069	-0.01351	0.013612
4.161812	0	-0.00015	-0.01107	0.011073
4.164175	-0.00122	0.00168	-0.01046	0.010665
4.166538	0.000611	0.002291	-0.01046	0.010726
4.168901	-0.00244	0.001069	-0.01046	0.010795
4.171264	-0.00183	-0.00015	-0.00924	0.00942
4.173626	-0.00061	-0.00199	-0.01046	0.010665
4.175989	-0.00061	-0.00076	-0.00802	0.008077
4.178352	-0.00061	0.000458	-0.00985	0.009879
4.180715	-0.00061	-0.00076	-0.00924	0.009291
4.183078	0	-0.00137	-0.00924	0.009341
4.18544	-0.00122	-0.00015	-0.00863	0.008716
4.187803	-0.00061	-0.00015	-0.00985	0.00987
4.190166	-0.00061	-0.00076	-0.00741	0.007471

4.192529	-0.00061	-0.00137	-0.00802	0.008157
4.194892	-0.00061	-0.00199	-0.00741	0.007692
4.197254	0	-0.00137	-0.00618	0.006336
4.199617	0.001833	-0.00076	-0.00557	0.005917
4.20198	-0.00061	-0.00199	-0.00374	0.004279
4.204343	-0.00061	-0.00137	-0.00374	0.004032
4.206706	-0.00122	0.000458	-0.00069	0.001475
4.209068	-0.00122	0.001069	-0.0013	0.002079
4.211431	-0.00122	-0.00015	-0.00069	0.00141
4.213794	-0.00183	-0.00076	-7.6E-05	0.001987
4.216157	-0.00122	0.000458	-0.00313	0.003392
4.218519	-0.00672	-0.00199	-0.00069	0.00704
4.220882	-0.00122	0.001069	-0.00069	0.001763
4.223245	-0.00183	0.00168	-7.6E-05	0.002487
4.225608	-0.00244	0.001069	-0.0013	0.002966
4.227971	-0.00244	0.00168	-7.6E-05	0.002966
4.230333	-0.00122	0.001069	-0.0013	0.002079
4.232696	0	-0.00076	-0.00069	0.001027
4.235059	-0.00122	-0.00199	-7.6E-05	0.002332
4.237422	-0.00183	-0.00076	-0.00069	0.002101
4.239785	-0.00122	0.002902	-0.00191	0.003682
4.242147	0.001222	0.001069	-0.00191	0.002506
4.24451	0	0.000458	-0.0013	0.001377
4.246873	0	-0.00137	-0.00069	0.001537
4.249236	0	-0.00076	-0.00252	0.002633
4.251599	-0.00061	0.000458	-0.0013	0.001506
4.253961	0.001222	0.001069	-0.00069	0.001763
4.256324	0.002443	0.002291	-0.0013	0.003592
4.258687	0	-0.0026	-0.00252	0.003618
4.26105	-0.00305	-0.0026	-0.0013	0.004213
4.263413	-0.00061	0.005345	-7.6E-05	0.00538
4.265775	-0.00061	0.002902	0.000534	0.003013
4.268138	-0.00061	-0.00199	0.000534	0.002145
4.270501	0.002443	-0.00137	0.001145	0.003028
4.272864	0.003665	-0.00076	0.000534	0.003782
4.275227	0	-0.00076	-0.0013	0.001506
4.277589	-0.00061	0.001069	-7.6E-05	0.001234
4.279952	0	0.003512	0.001145	0.003694
4.282315	0	0.003512	0.000534	0.003553
4.284678	-0.00305	0.002902	-7.6E-05	0.004213
4.28704	-0.00183	0.001069	-7.6E-05	0.002123
4.289403	-0.00183	0.003512	0.002367	0.004615
4.291766	0.001222	0.002902	0.001756	0.003605
4.294129	0.002443	-0.00199	-0.00069	0.003222
4.296492	0.003054	-0.0026	-7.6E-05	0.004009
4.298854	0.000611	0.001069	0.001145	0.001682
4.301217	-0.00122	0.00168	0.001756	0.00272
4.30358	-0.00061	0.005345	0.000534	0.005406
4.305943	-0.00244	0.003512	0.001756	0.004625
4.308306	-0.00244	0.001069	-7.6E-05	0.002668
4.310668	-0.00061	0.000458	0.001145	0.001377
4.313031	0.001222	0.000458	0.001145	0.001736

4.315394	0.001833	0.000458	0.001756	0.002579
4.317757	0.001222	0.001069	0.002978	0.003392
4.32012	0.001222	0.001069	0.002367	0.00287
4.322482	0	0.002291	0.000534	0.002352
4.324845	0	0.002291	-0.00069	0.002392
4.327208	-0.00305	0.00168	0.000534	0.003526
4.329571	-0.00122	0.002291	-0.0013	0.002903
4.331934	0	0.000458	-0.00069	0.000826
4.334296	0.002443	-0.00015	0.001756	0.003013
4.336659	0.002443	-0.00076	0.001145	0.002804
4.339022	0.003054	-0.00137	0.000534	0.003392
4.341385	0.001833	-0.00443	0.001756	0.005104
4.343748	0.002443	-0.00199	0.000534	0.003193
4.34611	-0.00122	-0.00076	0.000534	0.001537
4.348473	-0.00061	-0.00199	0.001756	0.00272
4.350836	-0.00061	-0.00137	0.002978	0.003336
4.353199	0.000611	0.002291	0.001145	0.002633
4.355561	-0.00122	0.00168	0.002367	0.003149
4.357924	0	0.00168	0.000534	0.001763
4.360287	0.001222	0.000458	0.001756	0.002188
4.36265	0	0.000458	0.002367	0.002411
4.365013	-0.00122	0.000458	-0.00069	0.001475
4.367375	-0.00122	0.00168	0.001145	0.002372
4.369738	-0.00305	0.00168	0.001756	0.003903
4.372101	-0.00244	0.002902	0.001145	0.003962
4.374464	-0.00061	0.002902	-7.6E-05	0.002966
4.376827	-0.00244	0.004123	0.001145	0.004928
4.379189	-0.00305	0.002902	0.001756	0.004564
4.381552	-0.00183	0.004123	0.001145	0.004655
4.383915	-0.00122	0.004734	0.000534	0.004918
4.386278	-0.00061	0.003512	-7.6E-05	0.003566
4.388641	-0.00061	0.004123	0.000534	0.004202
4.391003	-0.00122	0.002291	0.001145	0.002838
4.393366	-0.00061	0.002902	0.000534	0.003013
4.395729	-0.00122	0.002291	0.000534	0.002651
4.398092	-0.00122	0.002291	-0.00069	0.002686
4.400455	-0.00183	0.002902	-7.6E-05	0.003433
4.402817	0	0.00168	0.000534	0.001763
4.40518	-0.00061	-0.00015	0.000534	0.000826
4.407543	-0.00061	0.001069	-0.0013	0.001789
4.409906	-0.00122	0.004123	-7.6E-05	0.004301
4.412269	-0.00122	0.003512	-0.00069	0.003782
4.414631	-0.00367	0.002291	-7.6E-05	0.004323
4.416994	-0.00428	0.005345	0.001145	0.00694
4.419357	-0.00183	0.005345	0.000534	0.005676
4.42172	-0.00367	0.003512	-0.00069	0.005123
4.424082	-0.00428	0.00168	-0.0013	0.004774
4.426445	-0.00183	0.002902	-7.6E-05	0.003433
4.428808	-0.00061	0.005345	-0.00069	0.005423
4.431171	0.003665	0.015118	-0.0013	0.01561
4.433534	0.001222	0.005345	-0.0013	0.005634
4.435896	0	-0.00199	-0.00069	0.002101

4.438259	-0.00122	0.002291	-0.00435	0.005068
4.440622	-0.00183	0.009621	-0.00618	0.011583
4.442985	-0.00183	0.010843	-0.01168	0.016044
4.445348	-0.00305	0.00901	-0.02085	0.022914
4.44771	-0.00122	0.010232	-0.03306	0.034631
4.450073	-0.00061	0.006567	-0.03917	0.039722
4.452436	0.001222	0.004734	-0.0465	0.046757
4.454799	0.000611	0.004123	-0.05261	0.052774
4.457162	0.001222	0.006567	-0.05566	0.056063
4.459524	0.004887	0.004734	-0.05627	0.056684
4.461887	0.004276	0.001069	-0.05505	0.055229
4.46425	0.003054	0.00168	-0.05261	0.052725
4.466613	0.003054	0.003512	-0.04406	0.044303
4.468976	-0.00305	-0.00565	-0.03306	0.03368
4.471338	-0.00428	-0.00382	-0.02512	0.025767
4.473701	-0.00489	0.007788	-0.01901	0.021119
4.476064	-0.00367	0.012064	-0.01535	0.019863
4.478427	-0.00061	0.012064	-0.00985	0.015587
4.480789	0.001222	0.011453	-0.00496	0.012542
4.483152	0.001222	0.009621	-0.0013	0.009785
4.485515	0	0.006567	0.001756	0.006797
4.487878	-0.00367	0.007177	0.001756	0.008248
4.490241	-0.00428	0.006567	0.001145	0.007919
4.492603	-0.00428	0.006567	0.002367	0.008186
4.494966	-0.00428	0.007177	0.002367	0.008683
4.497329	-0.00122	0.004123	0.001145	0.00445
4.499692	-0.00244	0.004123	0.002978	0.005643
4.502055	-0.00183	0.005345	0.001756	0.005917
4.504417	-0.00122	0.004123	-0.00069	0.004355
4.50678	-0.00244	0.005956	0.002367	0.006859
4.509143	-0.00611	0.004734	0.000534	0.007747
4.511506	-0.00428	0.002291	-7.6E-05	0.004851
4.513869	-0.00428	-0.00321	0.002978	0.006118
4.516231	-0.00672	-0.00993	0.001756	0.012115
4.518594	-0.00794	-0.00809	0.000534	0.011351
4.520957	-0.01222	-0.01787	-7.6E-05	0.021645
4.52332	-0.01894	-0.03131	0.002978	0.036708
4.525683	-0.02016	-0.03008	0.000534	0.036217
4.528045	-0.02077	-0.02398	0.001145	0.031741
4.530408	-0.01833	-0.02031	0.001756	0.027412
4.532771	-0.01466	-0.02031	0.000534	0.025055
4.535134	-0.01527	-0.02336	-7.6E-05	0.027913
4.537497	-0.01405	-0.02153	0.000534	0.025716
4.539859	-0.01771	-0.03008	-0.0013	0.034936
4.542222	-0.02504	-0.03925	-0.00618	0.046966
4.544585	-0.0281	-0.03864	-0.01229	0.04933
4.546948	-0.02871	-0.03314	-0.01718	0.047091
4.54931	-0.02504	-0.0252	-0.02451	0.043161
4.551673	-0.02016	-0.03253	-0.02818	0.047521
4.554036	-0.01222	-0.0307	-0.02634	0.042254
4.556399	-0.0055	-0.01298	-0.02573	0.02934
4.558762	0.004276	0.00168	-0.02512	0.025538

4.561124	0.009774	0.009621	-0.02085	0.024952
4.563487	0.006719	0.011453	-0.01779	0.0222
4.56585	0.004887	0.015729	-0.01413	0.021699
4.568213	-0.00122	0.01634	-0.01107	0.019776
4.570576	-0.0055	0.021838	-0.01046	0.02483
4.572938	-0.00794	0.016951	-0.01046	0.021444
4.575301	-0.01038	-0.00321	-0.00802	0.013506
4.577664	-0.02199	-0.04108	-0.01229	0.04819
4.580027	-0.03299	-0.05818	-0.01901	0.069533
4.58239	-0.0336	-0.04108	-0.02818	0.060084
4.584752	-0.02688	-0.02275	-0.03428	0.049148
4.587115	-0.02566	-0.03741	-0.04284	0.062393
4.589478	-0.0281	-0.06735	-0.052	0.089604
4.591841	-0.0336	-0.0875	-0.06666	0.115018
4.594204	-0.03848	-0.08689	-0.07949	0.123893
4.596566	-0.04093	-0.08445	-0.08987	0.129937
4.598929	-0.04093	-0.07895	-0.1027	0.135851
4.601292	-0.03482	-0.06979	-0.10942	0.134369
4.603655	-0.03115	-0.06857	-0.10942	0.132832
4.606018	-0.02627	-0.0704	-0.11247	0.135263
4.60838	-0.01771	-0.0649	-0.11003	0.128967
4.610743	-0.00733	-0.03741	-0.1027	0.109547
4.613106	0.002443	-0.00687	-0.09537	0.095647
4.615469	0.00733	0.016951	-0.09354	0.095342
4.617831	0.006719	0.020616	-0.09048	0.093044
4.620194	-0.00122	0.017562	-0.08926	0.090979
4.622557	-0.00855	0.017562	-0.08621	0.088391
4.62492	-0.01588	0.012675	-0.08254	0.085005
4.627283	-0.02016	0.004734	-0.0746	0.07742
4.629645	-0.01588	-0.00565	-0.06666	0.068757
4.632008	-0.01161	-0.01787	-0.05566	0.059602
4.634371	-0.00733	-0.02703	-0.04161	0.05016
4.636734	-0.00489	-0.02764	-0.03428	0.044309
4.639097	-0.0055	-0.01603	-0.02879	0.033406
4.641459	-0.0055	0.003512	-0.02756	0.028326
4.643822	-0.00611	0.020616	-0.02451	0.032605
4.646185	-0.00855	0.03039	-0.01962	0.037172
4.648548	-0.00733	0.038331	-0.01657	0.042397
4.650911	-0.00611	0.035887	-0.00802	0.037276
4.653273	-0.00367	0.027946	-0.00191	0.02825
4.655636	-0.00244	0.019394	-0.00191	0.019641
4.657999	-0.00367	0.018173	-0.00435	0.019043
4.660362	0	0.018784	-0.00374	0.019153
4.662725	-0.00061	0.009621	-0.0013	0.009727
4.665087	-0.00061	0.004123	-0.00191	0.004585
4.66745	-0.00183	0.005956	-0.0013	0.006365
4.669813	-0.00183	0.013286	-0.00252	0.013646
4.672176	-0.00061	0.023059	-0.0013	0.023104
4.674539	-0.00061	0.027335	0.000534	0.027347
4.676901	0.000611	0.026725	0.000534	0.026737
4.679264	0.002443	0.023059	-0.0013	0.023225
4.681627	0.001222	0.020005	-0.00069	0.020054

4.68399	0.003665	0.020616	-0.0013	0.02098
4.686352	0.003665	0.020616	-7.6E-05	0.020939
4.688715	0.006108	0.016951	0.001145	0.018054
4.691078	0.00733	0.014508	0.000534	0.016263
4.693441	0.005498	0.013897	-0.0013	0.015001
4.695804	0.004887	0.013897	0.000534	0.014741
4.698166	0.004276	0.01634	-0.00069	0.016904
4.700529	0.004887	0.017562	0.000534	0.018237
4.702892	0.006108	0.018173	0.000534	0.019179
4.705255	0.00733	0.023059	-7.6E-05	0.024197
4.707618	0.012217	0.026114	0.001756	0.028884
4.70998	0.019547	0.03772	0.0042	0.042691
4.712343	0.027488	0.048104	0.001756	0.055432
4.714706	0.024434	0.028557	0.002978	0.037701
4.717069	0.018325	0.012675	0.0042	0.022674
4.719432	0.010995	0.014508	0.00481	0.018828
4.721794	0.006719	0.021227	0.00481	0.022779
4.724157	0.006108	0.024281	0.008476	0.026433
4.72652	0.00733	0.024281	0.009086	0.026942
4.728883	0.009774	0.020616	0.009086	0.024558
4.731246	0.012217	0.018784	0.009697	0.024415
4.733608	0.01466	0.019394	0.010308	0.026407
4.735971	0.01466	0.019394	0.010919	0.026651
4.738334	0.01466	0.020616	0.009697	0.027092
4.740697	0.015882	0.02367	0.007865	0.02957
4.743059	0.011606	0.021838	0.008476	0.026142
4.745422	0.011606	0.021227	0.006032	0.024933
4.747785	0.011606	0.023059	0.003589	0.026064
4.750148	0.012828	0.022449	0.002367	0.025963
4.752511	0.013439	0.024281	0.001145	0.027776
4.754873	0.013439	0.025503	-7.6E-05	0.028827
4.757236	0.015271	0.027335	-0.0013	0.031339
4.759599	0.018936	0.026725	-7.6E-05	0.032753
4.761962	0.018936	0.029168	0.001145	0.034795
4.764325	0.018936	0.027335	-0.00069	0.033261
4.766687	0.018936	0.027335	-0.0013	0.033279
4.76905	0.019547	0.025503	-7.6E-05	0.032132
4.771413	0.016493	0.024892	0.000534	0.029865
4.773776	0.017715	0.024281	-0.00252	0.030162
4.776139	0.019547	0.021227	-0.00496	0.02928
4.778501	0.017104	0.019394	-0.00496	0.026331
4.780864	0.017715	0.016951	-0.00313	0.024717
4.783227	0.017104	0.015729	-0.00435	0.023641
4.78559	0.018325	0.01634	-0.00313	0.024751
4.787953	0.018325	0.01634	-0.00313	0.024751
4.790315	0.020158	0.01634	-0.00374	0.026217
4.792678	0.017715	0.015729	-0.00313	0.023896
4.795041	0.019547	0.015118	-0.00435	0.025092
4.797404	0.017715	0.013897	-0.0013	0.022552
4.799767	0.016493	0.010843	-0.00435	0.020212
4.802129	0.015882	0.013286	-0.0068	0.021793
4.804492	0.018325	0.015729	-0.0068	0.025088

4.806855	0.017104	0.01634	-0.00557	0.024302
4.809218	0.017715	0.015729	-0.00741	0.024821
4.811581	0.018325	0.015118	-0.00618	0.024549
4.813943	0.017715	0.014508	-0.00374	0.023201
4.816306	0.014049	0.015729	-0.00374	0.02142
4.818669	0.01466	0.013286	-0.00313	0.020031
4.821032	0.013439	0.012064	-0.00374	0.018443
4.823394	0.010995	0.013286	-0.00191	0.017351
4.825757	0.010995	0.011453	-0.00069	0.015892
4.82812	0.012217	0.010843	-7.6E-05	0.016335
4.830483	0.012828	0.010843	0.000534	0.016805
4.832846	0.012828	0.010232	0.001145	0.016448
4.835208	0.010995	0.012675	-7.6E-05	0.01678
4.837571	0.012217	0.010232	-7.6E-05	0.015936
4.839934	0.011606	0.00901	0.001756	0.014797
4.842297	0.010384	0.008399	0.002978	0.013684
4.84466	0.009774	0.003512	0.002367	0.010652
4.847022	0.007941	0.005345	0.001756	0.009732
4.849385	0.011606	0.005956	0.002978	0.013381
4.851748	0.012217	0.006567	0.0042	0.014492
4.854111	0.009774	0.007177	0.002978	0.012486
4.856474	0.009774	0.008399	0.002978	0.013226
4.858836	0.008552	0.007788	0.002367	0.011807
4.861199	0.009774	0.009621	0.0042	0.014343
4.863562	0.012217	0.010232	0.005421	0.016832
4.865925	0.010995	0.007177	0.0042	0.013786
4.868288	0.006108	0.003512	0.0042	0.008203
4.87065	0.00733	0.004734	0.003589	0.009435
4.873013	0.006719	0.005956	0.00481	0.010186
4.875376	0.006108	0.004734	0.003589	0.008521
4.877739	0.004887	0.003512	0.002978	0.006715
4.880102	0.006719	0.004734	0.002978	0.008742
4.882464	0.009774	0.005956	0.0042	0.012191
4.884827	0.00733	0.001069	0.001145	0.007496
4.88719	0.006719	0.00168	0.000534	0.006947
4.889553	0.004887	0.00168	0.003589	0.006291
4.891915	0.003665	0.000458	0.001756	0.00409
4.894278	0.006108	-0.00015	0.001756	0.006358
4.896641	0.004887	0.001069	0.002367	0.005534
4.899004	0.006108	0.001069	0.002978	0.006879
4.901367	0.009163	0.003512	0.001145	0.009879
4.903729	0.010384	0.00168	0.002367	0.010782
4.906092	0.009774	-0.00199	0.003589	0.010599
4.908455	0.015882	0.001069	0.002367	0.016093
4.910818	0.008552	-0.00015	0.003589	0.009276
4.913181	0.008552	0.000458	0.006643	0.010839
4.915543	0.008552	0.00168	0.005421	0.010264
4.917906	0.009163	0.003512	0.009086	0.013374
4.920269	0.009774	0.005956	0.009086	0.014614
4.922632	0.010995	0.007177	0.009697	0.016323
4.924995	0.009163	0.007177	0.010308	0.015548
4.927357	0.009774	0.005956	0.010308	0.015403

4.92972	0.009774	0.004734	0.009086	0.01416
4.932083	0.010384	0.004123	0.007254	0.013321
4.934446	0.009163	0.002291	0.007865	0.01229
4.936809	0.009774	0.004734	0.008476	0.013776
4.939171	0.009774	0.005345	0.007865	0.013636
4.941534	0.009774	0.005956	0.006032	0.012938
4.943897	0.009163	0.005956	0.006032	0.012482
4.94626	0.010384	0.006567	0.005421	0.013429
4.948623	0.009774	0.009621	0.00481	0.014534
4.950985	0.007941	0.012675	0.007254	0.016623
4.953348	0.007941	0.010843	0.006643	0.014992
4.955711	0.006719	0.007177	0.003589	0.010466
4.958074	0.006108	0.008399	0.001756	0.010533
4.960436	0.006719	0.007177	0.002367	0.010113
4.962799	0.00733	0.00901	0.002367	0.011854
4.965162	0.006108	0.010232	0.001145	0.011971
4.967525	0.004887	0.010843	-0.00191	0.012045
4.969888	0.004887	0.00901	-0.00069	0.010273
4.97225	0.006108	0.006567	-7.6E-05	0.008969
4.974613	0.006108	0.007788	-0.00069	0.009922
4.976976	0.005498	0.00901	0.001145	0.010617
4.979339	0.00733	0.010843	-0.00069	0.013106
4.981702	0.005498	0.009621	-0.00191	0.011244
4.984064	0.006108	0.010232	-0.00069	0.011936
4.986427	0.006108	0.012064	-7.6E-05	0.013523
4.98879	0.005498	0.010232	0.000534	0.011627
4.991153	0.004276	0.012675	0.001145	0.013426
4.993516	0.004276	0.011453	0.001145	0.012279
4.995878	0.005498	0.00901	-7.6E-05	0.010555
4.998241	0.004276	0.008399	0.000534	0.00944
5.000604	0.003054	0.010232	-7.6E-05	0.010678
5.002967	0.002443	0.009621	0.001145	0.009992
5.00533	0.003665	0.008399	-7.6E-05	0.009164
5.007692	0.005498	0.009621	0.002367	0.011331
5.010055	0.005498	0.00901	-7.6E-05	0.010555
5.012418	0.005498	0.008399	0.001756	0.010191
5.014781	0.004887	0.006567	0.000534	0.008203
5.017144	0.004276	0.007177	0.000534	0.008372
5.019506	0.004887	0.007177	0.001145	0.008758
5.021869	0.004887	0.007788	-7.6E-05	0.009195
5.024232	0.003665	0.008399	-7.6E-05	0.009164
5.026595	0.002443	0.006567	0.001145	0.007099
5.028958	0.003665	0.008399	-0.00069	0.00919
5.03132	0.004276	0.007177	0.001145	0.008433
5.033683	0.003665	0.007177	-0.00069	0.008088
5.036046	0.003665	0.008399	-0.00191	0.009361
5.038409	0.004276	0.006567	-0.0013	0.007943
5.040771	0.004276	0.007177	-0.0013	0.008455
5.043134	0.003665	0.007788	0.000534	0.008624
5.045497	0.003665	0.008399	-0.00069	0.00919
5.04786	0.001833	0.004734	0.000534	0.005104
5.050223	0	0.005956	0.001756	0.006209

5.052585	0	0.007177	0.001145	0.007268
5.054948	0.001222	0.004734	0.000534	0.004918
5.057311	0.002443	0.005345	0.000534	0.005901
5.059674	0.000611	0.006567	0.000534	0.006617
5.062037	0.001833	0.007177	0.001145	0.007496
5.064399	0.003054	0.005345	0.001756	0.006402
5.066762	0.001833	0.003512	0.000534	0.003998
5.069125	0.001833	0.004123	-0.00069	0.004564
5.071488	0.001833	0.005345	0.000534	0.005676
5.073851	0.002443	0.005956	0.002978	0.007093
5.076213	0.001833	0.004734	0.001756	0.005372
5.078576	0.001222	0.002902	-7.6E-05	0.003149
5.080939	0.001222	0.004734	-0.00069	0.004937
5.083302	0.000611	0.002902	-7.6E-05	0.002966
5.085665	0	0.002291	-7.6E-05	0.002292
5.088027	0.000611	0.003512	-0.00069	0.003631
5.09039	0.000611	0.004734	0.001756	0.005086
5.092753	0.002443	0.004123	0.001145	0.004928
5.095116	0.001222	0.002902	0.000534	0.003193
5.097479	0.001833	0.003512	0.001145	0.004124
5.099841	0.000611	0.004123	-0.0013	0.004366
5.102204	0.001833	0.003512	0.000534	0.003998
5.104567	0.003054	0.00168	-0.0013	0.00372
5.10693	0.001833	0.00168	-7.6E-05	0.002487
5.109293	0.003054	0.003512	0.001145	0.004793
5.111655	0.002443	0.002291	0.001145	0.00354
5.114018	0.001222	0.00168	0.000534	0.002145
5.116381	0.002443	0.000458	-0.0013	0.002804
5.118744	0.002443	0.00168	-7.6E-05	0.002966
5.121106	0.001833	0.002291	0.000534	0.002982
5.123469	0.003054	0.002902	-7.6E-05	0.004213
5.125832	0.001222	0.005345	-0.00069	0.005526
5.128195	0.002443	0.004123	-0.00069	0.004842
5.130558	0.001222	0.003512	-7.6E-05	0.00372
5.13292	0.000611	0.002902	0.000534	0.003013
5.135283	0	0.00168	0.000534	0.001763
5.137646	0.000611	0.003512	-0.0013	0.003794
5.140009	0	0.003512	0.000534	0.003553
5.142372	0.000611	0.002291	-0.00069	0.002468
5.144734	0.000611	0.002291	-0.0013	0.002703
5.147097	0.001833	0.002902	-0.00069	0.0035
5.14946	0.001222	0.003512	-7.6E-05	0.00372
5.151823	0	0.002291	0.000534	0.002352
5.154186	0	0.004123	-0.0013	0.004323
5.156548	0.003054	0.002902	-0.0013	0.004408
5.158911	0.001222	0.003512	-0.00252	0.004492
5.161274	0.001222	0.002291	-7.6E-05	0.002597
5.163637	0.001222	0.00168	-0.00069	0.002188
5.166	0.001222	0.001069	0.001145	0.001987
5.168362	-0.00061	0.001069	0.001145	0.001682
5.170725	-0.00122	0.002291	0.002367	0.003513
5.173088	-0.00122	0.002291	0.001145	0.002838

5.175451	-0.00183	0.00168	0.000534	0.002543
5.177814	-0.00061	0.00168	-0.0013	0.002209
5.180176	0	0.00168	-7.6E-05	0.001682
5.182539	-0.00122	0.002291	0.000534	0.002651
5.184902	-0.00061	0.00168	0.001145	0.002123
5.187265	0.000611	0.00168	0.001145	0.002123
5.189627	-0.00061	0.001069	0.000534	0.001342
5.19199	-0.00183	0.002291	0.002367	0.003769
5.194353	-0.00244	0.003512	0.000534	0.004312
5.196716	0	0.002291	0.000534	0.002352
5.199079	0.000611	0.002291	0.000534	0.00243
5.201441	-0.00061	0.002291	0.001756	0.00295
5.203804	-0.00061	0.00168	0.001145	0.002123
5.206167	-0.00061	0.002902	0.000534	0.003013
5.20853	0.001222	0.002291	0.001145	0.002838
5.210893	0.000611	0.002291	0.001756	0.00295
5.213255	0.001833	0.002902	0.001145	0.003618
5.215618	0	0.00168	0.001145	0.002033
5.217981	-0.00061	0.002902	0.001145	0.003179
5.220344	-0.00122	0.002291	0.000534	0.002651
5.222707	0	0.001069	0.001145	0.001567
5.225069	-0.00183	0.002291	0.001756	0.003419
5.227432	0	0.003512	0.000534	0.003553
5.229795	0	0.003512	0.001756	0.003927
5.232158	-0.00061	0.002902	0.001145	0.003179
5.234521	0.001222	0.002902	-0.00069	0.003222
5.236883	0	0.002902	-7.6E-05	0.002903
5.239246	-0.00061	0.000458	0.001145	0.001377
5.241609	-0.00061	0.001069	0.002367	0.002668
5.243972	0	0.002291	0.001756	0.002886
5.246335	-0.00061	0.000458	-0.00069	0.001027
5.248697	-0.00244	0.002291	0.001145	0.00354
5.25106	0	0.002291	0.001145	0.002561
5.253423	-0.00183	-0.00015	-0.00069	0.001963
5.255786	-0.00061	-0.00015	0.002367	0.002449
5.258149	0	0.002291	0.001145	0.002561
5.260511	-0.00061	0.001069	-7.6E-05	0.001234
5.262874	0	0.001069	0.001756	0.002056
5.265237	-0.00061	0.000458	-7.6E-05	0.000767
5.2676	0.000611	-0.00199	-0.00069	0.002188
5.269962	-0.00183	-0.00199	0.002367	0.003592
5.272325	-0.00122	-0.00015	0.002367	0.002668
5.274688	-0.00061	0.000458	0.000534	0.000932
5.277051	0	-0.00137	0.001756	0.00223
5.279414	-0.00061	-0.00137	0.002367	0.002804
5.281776	-0.00122	-0.00137	-7.6E-05	0.00184
5.284139	0.000611	-0.00199	-7.6E-05	0.002079
5.286502	0	-0.00321	0.001756	0.003656
5.288865	0	-0.00382	0.000534	0.003855
5.291228	-0.00061	-0.00321	-0.00252	0.004124
5.29359	-0.00122	-0.00504	-0.00069	0.005231
5.295953	-0.00122	-0.00321	0.000534	0.003473

5.298316	0	-0.00443	0.000534	0.004461
5.300679	-0.00122	-0.00626	0.000534	0.006402
5.303042	0.000611	-0.00626	0.001145	0.006394
5.305404	0.000611	-0.00687	-7.6E-05	0.0069
5.307767	0.001222	-0.00809	0.000534	0.008203
5.31013	0.000611	-0.0087	0.001145	0.008801
5.312493	-0.00183	-0.00932	-7.6E-05	0.009494
5.314856	-0.00183	-0.00993	-0.0013	0.010177
5.317218	-0.00244	-0.01298	-0.00069	0.013226
5.319581	-0.00244	-0.01603	-7.6E-05	0.01622
5.321944	-0.00244	-0.01787	-0.0013	0.01808
5.324307	-0.00183	-0.02031	-0.00313	0.020632
5.32667	-0.00244	-0.01787	-0.00374	0.018418
5.329032	-0.00489	-0.01726	-0.00313	0.018206
5.331395	-0.00733	-0.01481	-0.00618	0.017647
5.333758	-0.011	-0.00504	-0.00985	0.015598
5.336121	-0.01466	0.004734	-0.01168	0.019334
5.338484	-0.0226	0.007788	-0.01229	0.026881
5.340846	-0.03054	0.003512	-0.01596	0.034639
5.343209	-0.03665	-0.0026	-0.01535	0.039819
5.345572	-0.03848	-0.00137	-0.01657	0.041921
5.347935	-0.04459	-0.00015	-0.02146	0.049486
5.350297	-0.04642	-0.00076	-0.04222	0.062759
5.35266	-0.04093	0.006567	-0.05566	0.069401
5.355023	-0.04215	-0.0087	-0.05322	0.068444
5.357386	-0.04887	-0.03925	-0.05383	0.082621
5.359749	-0.06597	-0.08506	-0.05383	0.120355
5.362111	-0.09285	-0.12293	-0.04894	0.161645
5.364474	-0.12217	-0.1492	-0.0465	0.198364
5.366837	-0.15271	-0.18707	-0.03917	0.244645
5.3692	-0.18997	-0.23533	-0.01535	0.302829
5.371563	-0.23945	-0.32329	0.042683	0.404569
5.373925	-0.3042	-0.43263	0.086053	0.535831
5.376288	-0.37017	-0.55663	0.071393	0.672285
5.378651	-0.42515	-0.68186	0.043905	0.804743
5.381014	-0.45264	-0.76921	0.034742	0.89318
5.383377	-0.4673	-0.82174	0.051235	0.946706
5.385739	-0.47707	-0.93902	0.0549	1.054694
5.388102	-0.46058	-1.05448	0.043905	1.151511
5.390465	-0.46547	-1.23956	0.03352	1.324498
5.392828	-0.46974	-1.46504	0.012751	1.538559
5.395191	-0.45691	-1.63608	-0.01962	1.698796
5.397553	-0.44286	-1.73198	-0.06116	1.78875
5.399916	-0.4001	-1.76863	-0.10697	1.816476
5.402279	-0.33963	-1.79612	-0.16501	1.835381
5.404642	-0.26266	-1.87675	-0.22914	1.908847
5.407005	-0.16615	-2.01175	-0.29573	2.040146
5.409367	-0.05864	-2.17057	-0.36536	2.201886
5.41173	0.042759	-2.30923	-0.42645	2.348667
5.414093	0.113007	-2.36665	-0.47532	2.416554
5.416456	0.153323	-2.29579	-0.51258	2.35731
5.418819	0.15882	-2.12292	-0.53823	2.195842

5.421181	0.123391	-1.92257	-0.55717	2.005473
5.423544	0.045203	-1.76436	-0.56633	1.853571
5.425907	-0.07147	-1.64463	-0.55839	1.738308
5.42827	-0.21074	-1.50597	-0.52968	1.610252
5.430632	-0.36162	-1.30248	-0.49059	1.438018
5.432995	-0.51189	-1.04959	-0.44599	1.250031
5.435358	-0.64933	-0.8022	-0.40262	1.107815
5.437721	-0.75623	-0.59817	-0.36048	1.029386
5.440084	-0.82709	-0.4418	-0.3226	0.99163
5.442446	-0.84908	-0.31474	-0.29084	0.951095
5.444809	-0.82342	-0.2054	-0.26702	0.889668
5.447172	-0.75012	-0.10583	-0.24625	0.796567
5.449535	-0.62795	-0.02031	-0.2322	0.669814
5.451898	-0.46058	0.026114	-0.21937	0.510821
5.45426	-0.25533	0.019394	-0.20899	0.330525
5.456623	-0.02566	-0.03619	-0.20838	0.213045
5.458986	0.218683	-0.12538	-0.20899	0.32744
5.461349	0.460579	-0.21884	-0.21754	0.554387
5.463712	0.695755	-0.30741	-0.22304	0.792666
5.466074	0.921158	-0.38376	-0.23464	1.025116
5.468437	1.125792	-0.43019	-0.24686	1.230207
5.4708	1.310878	-0.45462	-0.26396	1.41236
5.473163	1.469775	-0.45462	-0.28229	1.564163
5.475525	1.605994	-0.44118	-0.30183	1.69262
5.477888	1.719611	-0.42591	-0.31772	1.799836
5.480251	1.81246	-0.41614	-0.33604	1.889738
5.482614	1.893703	-0.40942	-0.35803	1.97026
5.484977	1.962118	-0.40209	-0.37514	2.037722
5.48734	2.028089	-0.38132	-0.39468	2.10103
5.489702	2.092228	-0.35261	-0.41179	2.161324
5.492065	2.155756	-0.31718	-0.4295	2.220892
5.494428	2.215008	-0.27748	-0.44477	2.276198
5.496791	2.274261	-0.2335	-0.45699	2.331442
5.499154	2.329848	-0.19623	-0.4631	2.383518
5.501516	2.382381	-0.15897	-0.46799	2.433109
5.503879	2.424529	-0.11866	-0.47593	2.473646
5.506242	2.459958	-0.07773	-0.48081	2.507712
5.508605	2.487446	-0.03192	-0.48203	2.533923
5.510967	2.511269	0.028557	-0.48387	2.557619
5.51333	2.527152	0.098805	-0.4857	2.575298
5.515693	2.531427	0.177604	-0.48203	2.583026
5.518056	2.519821	0.274118	-0.47532	2.578869
5.520419	2.491112	0.433549	-0.46921	2.571722
5.522781	2.437357	0.62902	-0.46432	2.559681
5.525144	2.356725	0.80189	-0.46127	2.531787
5.527507	2.251049	0.926503	-0.45638	2.476673
5.52987	2.131933	1.015075	-0.44172	2.402214
5.532233	2.015261	1.107924	-0.41912	2.337613
5.534595	1.908363	1.225207	-0.38796	2.30076
5.536958	1.814904	1.354172	-0.3617	2.293138
5.539321	1.734272	1.481228	-0.33543	2.305266
5.541684	1.670744	1.593624	-0.31405	2.330161

5.544047	1.618822	1.67731	-0.28779	2.348781
5.546409	1.58156	1.740227	-0.25785	2.365631
5.548772	1.557737	1.793982	-0.23464	2.387462
5.551135	1.549796	1.851402	-0.22181	2.424615
5.553498	1.55285	1.896604	-0.21571	2.460687
5.555861	1.577895	1.909432	-0.21387	2.486247
5.558223	1.627984	1.889274	-0.20776	2.50257
5.560586	1.692734	1.853845	-0.20349	2.51863
5.562949	1.777031	1.776878	-0.1986	2.520829
5.565312	1.882708	1.640659	-0.19188	2.50463
5.567675	2.032365	1.395099	-0.18394	2.471971
5.570037	2.231501	1.029125	-0.16195	2.462707
5.5724	2.469121	0.64368	-0.13507	2.555216
5.574763	2.729342	0.375518	-0.12835	2.758042
5.577126	2.996282	0.253349	-0.1424	3.010344
5.579489	3.269331	0.234413	-0.18089	3.282711
5.581851	3.565592	0.330316	-0.22731	3.588067
5.584214	3.871016	0.484249	-0.26152	3.909943
5.586577	4.147806	0.567935	-0.29573	4.196939
5.58894	4.366489	0.511737	-0.32688	4.408509
5.591302	4.528974	0.346198	-0.34704	4.555425
5.593665	4.64137	0.130569	-0.35803	4.65699
5.596028	4.646868	-0.19318	-0.33665	4.66305
5.598391	4.525309	-0.53953	-0.311	4.567957
5.600754	4.326784	-0.86572	-0.32383	4.424409
5.603116	4.104359	-1.08807	-0.32321	4.258419
5.605479	3.883232	-1.24506	-0.30367	4.08924
5.607842	3.685929	-1.25667	-0.29145	3.905153
5.610205	3.45625	-1.08624	-0.28901	3.634433
5.612568	3.181369	-0.72217	-0.26824	3.273316
5.61493	2.888162	-0.40759	-0.22181	2.925203
5.617293	2.608394	-0.29336	-0.15584	2.629461
5.619656	2.306025	-0.28053	-0.10759	2.325516
5.622019	1.959064	-0.32879	-0.08254	1.988176
5.624382	1.599885	-0.41431	-0.06238	1.653836
5.626744	1.258956	-0.48333	-0.04345	1.349248
5.629107	0.94437	-0.476	-0.03001	1.057976
5.63147	0.654217	-0.38193	-0.02818	0.758068
5.633833	0.383612	-0.25854	-0.03612	0.464011
5.636196	0.13011	-0.1773	-0.04955	0.225431
5.638558	-0.10507	-0.17913	-0.06971	0.219058
5.640921	-0.32619	-0.23411	-0.09537	0.412678
5.643284	-0.52655	-0.30252	-0.1198	0.618973
5.645647	-0.70492	-0.33734	-0.1363	0.793274
5.64801	-0.86007	-0.34101	-0.1479	0.936955
5.650372	-0.9969	-0.32207	-0.16073	1.059895
5.652735	-1.12274	-0.29702	-0.176	1.174623
5.655098	-1.23643	-0.28236	-0.19494	1.283157
5.657461	-1.34394	-0.28969	-0.21204	1.391064
5.659824	-1.44534	-0.31107	-0.22426	1.495349
5.662186	-1.54063	-0.33001	-0.23098	1.592422
5.664549	-1.63287	-0.34284	-0.23159	1.68447

5.666912	-1.71839	-0.34345	-0.22609	1.7669
5.669275	-1.79841	-0.3349	-0.21448	1.841858
5.671637	-1.87599	-0.33429	-0.19066	1.915054
5.674	-1.95662	-0.35444	-0.14912	1.994049
5.676363	-2.04397	-0.40637	-0.10759	2.08675
5.678726	-2.14049	-0.48822	-0.08315	2.197032
5.681089	-2.24677	-0.56274	-0.07643	2.317436
5.683451	-2.35734	-0.61283	-0.08254	2.43709
5.685814	-2.46729	-0.62933	-0.10148	2.548305
5.688177	-2.57052	-0.61283	-0.12469	2.645504
5.69054	-2.6762	-0.57252	-0.14851	2.740779
5.692903	-2.78126	-0.52121	-0.16806	2.834665
5.695265	-2.88572	-0.47295	-0.18272	2.929921
5.697628	-2.98956	-0.44118	-0.19005	3.027912
5.699991	-3.09219	-0.42958	-0.19433	3.127924
5.702354	-3.19114	-0.43752	-0.1931	3.226779
5.704717	-3.28521	-0.45157	-0.1931	3.321721
5.707079	-3.39028	-0.24022	-0.187	3.403918
5.709442	-3.40921	0.37674	-0.13874	3.432773
5.711805	-3.16304	0.877024	-0.04711	3.282718
5.714168	-2.78493	0.835486	-0.00802	2.907565
5.716531	-2.30541	0.294886	-0.03123	2.324407
5.718893	-1.82651	-0.27687	-0.0575	1.848269
5.721256	-1.37204	-0.61283	-0.05811	1.503806
5.723619	-0.90833	-0.79364	-0.05078	1.207274
5.725982	-0.46913	-0.91032	-0.03123	1.024565
5.728345	-0.11484	-0.96468	-0.01779	0.971655
5.730707	0.111785	-0.95063	-0.00985	0.957232
5.73307	0.204023	-0.8871	-0.00435	0.910272
5.735433	0.185087	-0.80647	0.006032	0.827459
5.737796	0.081243	-0.71545	0.019471	0.720316
5.740159	-0.07697	-0.59756	0.032909	0.603396
5.742521	-0.26511	-0.43813	0.046959	0.514242
5.744884	-0.46608	-0.23716	0.058565	0.526215
5.747247	-0.67132	-0.01848	0.06956	0.675168
5.74961	-0.86252	0.169052	0.091551	0.883682
5.751973	-1.02378	0.291832	0.111709	1.070407
5.754335	-1.14045	0.363301	0.129423	1.203897
5.756698	-1.20215	0.419499	0.14897	1.281924
5.759061	-1.20459	0.480584	0.164242	1.307278
5.761424	-1.15145	0.536171	0.174015	1.282026
5.763786	-1.05005	0.563048	0.186232	1.205945
5.766149	-0.91566	0.54289	0.19173	1.08163
5.768512	-0.75989	0.484249	0.197838	0.922538
5.770875	-0.5968	0.404839	0.197838	0.747798
5.773238	-0.43676	0.327261	0.196616	0.580098
5.7756	-0.29565	0.266177	0.196006	0.443483
5.777963	-0.17776	0.23258	0.192341	0.350265
5.780326	-0.09102	0.220363	0.189897	0.304803
5.782689	-0.04032	0.225861	0.188065	0.296659
5.785052	-0.0281	0.238689	0.18501	0.3033
5.787414	-0.04887	0.256403	0.181345	0.317831

5.789777	-0.09285	0.275339	0.180124	0.341873
5.79214	-0.15943	0.295497	0.178291	0.380164
5.794503	-0.23518	0.323596	0.180734	0.438962
5.796866	-0.31336	0.351695	0.179513	0.504095
5.799228	-0.39216	0.37674	0.181345	0.573247
5.801591	-0.46363	0.392622	0.186843	0.635624
5.803954	-0.52838	0.400563	0.188675	0.689375
5.806317	-0.58214	0.401174	0.189897	0.732042
5.80868	-0.62856	0.397509	0.189897	0.76757
5.811042	-0.65849	0.395676	0.188675	0.791057
5.813405	-0.67804	0.393844	0.188065	0.806362
5.815768	-0.68965	0.392011	0.188675	0.815404
5.818131	-0.69576	0.385903	0.186232	0.817116
5.820494	-0.6982	0.375518	0.185621	0.814218
5.822856	-0.70125	0.357804	0.1844	0.808568
5.825219	-0.70247	0.339478	0.183789	0.801557
5.827582	-0.70553	0.322375	0.181956	0.796746
5.829945	-0.71103	0.313212	0.176459	0.796742
5.832308	-0.72019	0.311379	0.174626	0.803818
5.83467	-0.73424	0.312601	0.174626	0.816896
5.837033	-0.75684	0.310158	0.171572	0.835728
5.839396	-0.78188	0.305882	0.17035	0.856695
5.841759	-0.80937	0.299773	0.170961	0.879873
5.844121	-0.83625	0.292443	0.17035	0.90214
5.846484	-0.86129	0.285724	0.172183	0.923641
5.848847	-0.88634	0.276561	0.173404	0.944538
5.85121	-0.90528	0.269231	0.175848	0.960693
5.853573	-0.92055	0.259457	0.181956	0.973567
5.855935	-0.93215	0.248462	0.183789	0.982049
5.858298	-0.9407	0.236245	0.188675	0.988097
5.860661	-0.94742	0.224028	0.192341	0.992369
5.863024	-0.95475	0.219141	0.194173	0.99864
5.865387	-0.96147	0.216698	0.195395	1.004773
5.867749	-0.96514	0.217309	0.191119	1.007592
5.870112	-0.97125	0.219141	0.188065	1.013268
5.872475	-0.97919	0.223417	0.18501	1.021251
5.874838	-0.98652	0.226472	0.179513	1.027975
5.877201	-0.99079	0.227693	0.173404	1.031303
5.879563	-0.99629	0.226472	0.167907	1.035413
5.881926	-1.00362	0.224639	0.161798	1.041105
5.884289	-1.01134	0.220974	0.153857	1.048557
5.886652	-1.02073	0.218531	0.146527	1.054091
5.889015	-1.02745	0.220363	0.141029	1.060232
5.891377	-1.03661	0.223417	0.134921	1.06896
5.89374	-1.04394	0.226472	0.130645	1.07618
5.896103	-1.05066	0.231969	0.127591	1.083499
5.898466	-1.05188	0.231969	0.123926	1.084259
5.900829	-1.05432	0.231358	0.121482	1.086223
5.903191	-1.05493	0.230748	0.11965	1.086483
5.905554	-1.05432	0.236245	0.117817	1.086871
5.907917	-1.05249	0.243575	0.116595	1.086581
5.91028	-1.04699	0.251516	0.114763	1.082877

5.912643	-1.04211	0.260068	0.117817	1.080509
5.915005	-1.03722	0.26862	0.120261	1.078166
5.917368	-1.02989	0.272285	0.122704	1.072318
5.919731	-1.02195	0.274118	0.128812	1.065885
5.922094	-1.00973	0.277172	0.134921	1.055738
5.924457	-0.99568	0.277172	0.146527	1.043875
5.926819	-0.97674	0.279004	0.154468	1.027489
5.929182	-0.95231	0.274729	0.164242	1.004663
5.931545	-0.92727	0.269231	0.174626	0.981225
5.933908	-0.89672	0.255181	0.18501	0.950505
5.93627	-0.86618	0.243575	0.19173	0.919978
5.938633	-0.83381	0.228304	0.202114	0.88781
5.940996	-0.80265	0.211811	0.211888	0.856745
5.943359	-0.77333	0.191653	0.219218	0.826336
5.945722	-0.74035	0.170885	0.227159	0.793042
5.948084	-0.7098	0.150116	0.234489	0.762458
5.950447	-0.67865	0.131179	0.240597	0.73189
5.95281	-0.64811	0.112243	0.244873	0.701859
5.955173	-0.6194	0.089031	0.24976	0.673767
5.957536	-0.59741	0.067651	0.24976	0.651041
5.959898	-0.57786	0.048715	0.252204	0.632379
5.962261	-0.56564	0.034666	0.253425	0.62079
5.964624	-0.55893	0.026114	0.255258	0.615009
5.966987	-0.56137	0.025503	0.255869	0.617458
5.96935	-0.56381	0.03039	0.257701	0.620659
5.971712	-0.5687	0.035887	0.258923	0.625897
5.974075	-0.57908	0.040774	0.258923	0.635642
5.976438	-0.58947	0.048104	0.258923	0.645621
5.978801	-0.59985	0.057878	0.258312	0.655666
5.981164	-0.61512	0.071927	0.255258	0.669856
5.983526	-0.63039	0.086588	0.252814	0.684697
5.985889	-0.64933	0.099415	0.249149	0.702559
5.988252	-0.66766	0.112243	0.245484	0.720157
5.990615	-0.68904	0.120795	0.245484	0.741366
5.992978	-0.71591	0.126904	0.245484	0.767397
5.99534	-0.74157	0.126293	0.244263	0.79091
5.997703	-0.76967	0.123238	0.244873	0.817031
6.000066	-0.79838	0.114687	0.247928	0.843817
6.002429	-0.82953	0.103691	0.251593	0.873025
6.004792	-0.86068	0.095139	0.254647	0.902592
6.007154	-0.89184	0.090253	0.260145	0.933378
6.009517	-0.92543	0.084144	0.265031	0.966307
6.01188	-0.95964	0.076814	0.268086	0.99934
6.014243	-0.99324	0.069484	0.272972	1.032406
6.016606	-1.02378	0.061543	0.277248	1.06244
6.018968	-1.05127	0.053602	0.282135	1.089788
6.021331	-1.07326	0.050548	0.2858	1.11181
6.023694	-1.08792	0.048104	0.288854	1.12664
6.026057	-1.09586	0.043828	0.288244	1.133982
6.028419	-1.10014	0.038331	0.287633	1.137761
6.030782	-1.09158	0.027946	0.288854	1.129502
6.033145	-1.07448	0.018173	0.286411	1.112146

6.035508	-1.0531	0.007177	0.284578	1.090898
6.037871	-1.02622	-0.00565	0.279692	1.06367
6.040234	-0.99324	-0.01726	0.274194	1.030534
6.042596	-0.95903	-0.02703	0.269918	0.996657
6.044959	-0.92421	-0.03619	0.263199	0.96164
6.047322	-0.88756	-0.04658	0.258312	0.925559
6.049685	-0.84847	-0.0533	0.254036	0.887283
6.052047	-0.81121	-0.06246	0.243041	0.849131
6.05441	-0.77578	-0.07529	0.2351	0.814106
6.056773	-0.74462	-0.093	0.228991	0.78457
6.059136	-0.7153	-0.11011	0.219829	0.756376
6.061499	-0.6927	-0.12782	0.211888	0.735574
6.063861	-0.67132	-0.14126	0.200892	0.714831
6.066224	-0.65422	-0.14981	0.191119	0.697832
6.068587	-0.63834	-0.15592	0.182567	0.681992
6.07095	-0.62795	-0.16019	0.174626	0.671177
6.073313	-0.61634	-0.16386	0.169739	0.659956
6.075675	-0.60474	-0.16936	0.166074	0.649593
6.078038	-0.59863	-0.17974	0.169128	0.64751
6.080401	-0.59558	-0.18707	0.166685	0.646135
6.082764	-0.59435	-0.18952	0.17035	0.646678
6.085127	-0.5968	-0.18402	0.175237	0.648643
6.087489	-0.6023	-0.16752	0.181345	0.65093
6.089852	-0.61818	-0.14737	0.18501	0.661883
6.092215	-0.64139	-0.1211	0.190508	0.679955
6.094578	-0.67254	-0.09117	0.196006	0.70643
6.096941	-0.7098	-0.0594	0.200282	0.739908
6.099303	-0.75562	-0.02642	0.205168	0.783422
6.101666	-0.80632	0.00901	0.209444	0.833125
6.104029	-0.85458	0.040774	0.212498	0.881542
6.106392	-0.90161	0.067651	0.21372	0.929061
6.108755	-0.94498	0.10247	0.216164	0.97479
6.111117	-0.9798	0.13912	0.218607	1.013484
6.11348	-1.00607	0.171495	0.22044	1.044113
6.115843	-1.00729	0.2112	0.217996	1.052024
6.118206	-0.96819	0.270453	0.20639	1.026226
6.120569	-0.90955	0.280837	0.196006	0.971891
6.122931	-0.8332	0.23991	0.182567	0.88606
6.125294	-0.62062	0.294886	0.166685	0.707045
6.127657	0.522885	1.426252	0.026801	1.519316
6.13002	2.15148	2.797604	-0.24319	3.537598
6.132383	3.152659	2.464692	-0.30611	4.013436
6.134745	3.114176	0.676666	-0.22914	3.19507
6.137108	2.611448	-1.38617	-0.11492	2.95877
6.139471	2.232112	-2.77042	-0.02634	3.557844
6.141834	2.167362	-2.983	-0.00374	3.68724
6.144196	2.232112	-2.47294	-0.04894	3.331688
6.146559	2.142929	-1.89508	-0.09293	2.862184
6.148922	1.647531	-0.98301	-0.06849	1.919727
6.151285	1.099525	-0.14859	-0.05689	1.110977
6.153648	0.595576	0.096972	-0.04161	0.604852
6.15601	0.23823	0.134845	-0.01168	0.273995

6.158373	-0.00428	0.537393	0.006032	0.537444
6.160736	-0.18997	1.007134	0.021303	1.025116
6.163099	-0.31764	1.11953	0.070782	1.16587
6.165462	-0.394	0.797003	0.092162	0.893835
6.167824	-0.36101	0.397509	0.095216	0.545351
6.170187	-0.24923	0.134845	0.108044	0.303265
6.17255	-0.07758	0.093307	0.111709	0.164934
6.174913	0.139884	0.169052	0.117817	0.249052
6.177276	0.369563	0.229526	0.127591	0.453363
6.179638	0.572364	0.197762	0.136143	0.620681
6.182001	0.709194	0.07376	0.130034	0.724779
6.184364	0.753785	-0.13026	0.122093	0.77464
6.186727	0.761116	-0.20967	0.106822	0.796662
6.18909	0.726908	-0.02459	0.065284	0.730248
6.191452	0.622453	0.242964	0.021303	0.668531
6.193815	0.503949	0.394455	-0.00313	0.639976
6.196178	0.405603	0.387735	0.007865	0.561172
6.198541	0.291374	0.302217	0.055511	0.423456
6.200904	0.154544	0.222807	0.103157	0.290117
6.203266	0.034818	0.224639	0.130645	0.262189
6.205629	-0.06047	0.293665	0.14164	0.331599
6.207992	-0.12828	0.344365	0.140419	0.393395
6.210355	-0.16676	0.337035	0.129423	0.397684
6.212718	-0.18264	0.27595	0.113541	0.349855
6.21508	-0.18814	0.192875	0.091551	0.284569
6.217443	-0.18875	0.120795	0.058565	0.231622
6.219806	-0.17531	0.062765	0.028633	0.188398
6.222169	-0.14905	0.012675	0.003589	0.149628
6.224532	-0.12339	-0.0368	-0.01596	0.129748
6.226894	-0.09957	-0.09606	-0.03123	0.14183
6.229257	-0.07391	-0.15286	-0.04222	0.174967
6.23162	-0.06353	-0.20112	-0.05627	0.218294
6.233983	-0.07086	-0.23716	-0.06849	0.256822
6.236345	-0.09529	-0.25549	-0.07704	0.283355
6.238708	-0.13561	-0.27381	-0.08315	0.316665
6.241071	-0.19486	-0.29275	-0.08987	0.362972
6.243434	-0.2535	-0.30558	-0.09659	0.408619
6.245797	-0.24861	-0.22861	-0.11308	0.356173
6.248159	0.200358	0.442712	-0.21632	0.531911
6.250522	1.020726	1.545367	-0.40812	1.896472
6.252885	1.659748	1.884998	-0.46127	2.553576
6.255248	1.7471	0.930168	-0.38674	2.016715
6.257611	1.502761	-0.60062	-0.26824	1.640421
6.259973	1.263843	-1.69411	-0.1815	2.121378
6.262336	1.134343	-1.83338	-0.15584	2.161553
6.264699	0.860684	-0.82357	-0.19127	1.206498
6.267062	0.494786	0.242964	-0.17234	0.577533
6.269425	0.123391	0.640015	-0.09842	0.65919
6.271787	-0.20036	0.504407	-0.02451	0.543296
6.27415	-0.42759	0.385292	0.051235	0.57785
6.276513	-0.5461	0.476308	0.091551	0.730393
6.278876	-0.49967	0.65101	0.100713	0.82682

6.281239	-0.31459	0.674223	0.11232	0.752434
6.283601	-0.08796	0.502575	0.132477	0.527133
6.285964	0.105066	0.158057	0.147749	0.240521
6.288327	0.240674	-0.28847	0.144084	0.402369
6.29069	0.342074	-0.66231	0.109876	0.753488
6.293053	0.43248	-0.84373	0.061619	0.950116
6.295415	0.485624	-0.82907	0.023747	0.961122
6.297778	0.445308	-0.53892	-0.00435	0.699108
6.300141	0.340242	-0.25121	0.001145	0.422934
6.302504	0.198525	-0.11011	0.020082	0.227901
6.304867	0.061696	-0.05207	0.029855	0.086078
6.307229	-0.02016	0.056045	0.035353	0.069262
6.309592	-0.04154	0.191042	0.030466	0.197866
6.311955	-0.01955	0.222196	0.031688	0.225293
6.314318	0.020158	0.136066	0.031688	0.141154
6.316681	0.070247	0.010843	0.036574	0.079937
6.319043	0.125835	-0.06551	0.037185	0.14666
6.321406	0.167983	-0.08689	0.038407	0.192986
6.323769	0.185087	-0.07407	0.046348	0.204673
6.326132	0.172259	-0.04413	0.051846	0.185227
6.328495	0.141717	0.018173	0.053067	0.152414
6.330857	0.101401	0.104913	0.046959	0.153277
6.33322	0.051311	0.169052	0.042072	0.181608
6.335583	0.007941	0.203259	0.034131	0.206258
6.337946	-0.02688	0.203259	0.029855	0.207191
6.340309	-0.04581	0.176993	0.028633	0.185055
6.342671	-0.05131	0.133012	0.026801	0.145063
6.345034	-0.05009	0.082923	0.028023	0.100848
6.347397	-0.03971	0.03772	0.032909	0.063893
6.34976	-0.0281	0.009621	0.038407	0.048551
6.352123	-0.01894	0.000458	0.038407	0.042824
6.354485	-0.01161	0.008399	0.043294	0.045603
6.356848	-0.00305	0.024892	0.045126	0.051627
6.359211	0.007941	0.043217	0.04757	0.064759
6.361574	0.020158	0.056656	0.046959	0.076298
6.363936	0.032375	0.062765	0.044515	0.083481
6.366299	0.045814	0.054213	0.045126	0.084109
6.368662	0.05803	0.036498	0.045737	0.082411
6.371025	0.069637	0.019394	0.046959	0.086201
6.373388	0.07941	0.004123	0.049402	0.093614
6.37575	0.083686	-0.00015	0.051846	0.098445
6.378113	0.081243	-0.00015	0.052457	0.096706
6.380476	0.072691	0.004734	0.053067	0.090125
6.382839	0.062306	0.016951	0.053067	0.08358
6.385202	0.051922	0.027946	0.054289	0.080151
6.387564	0.040316	0.039552	0.053678	0.077917
6.389927	0.03604	0.045661	0.0549	0.079986
6.39229	0.030542	0.05238	0.053067	0.080577
6.394653	0.026266	0.052991	0.057343	0.082379
6.397016	0.025045	0.058489	0.056122	0.08484
6.399378	0.023823	0.057267	0.053678	0.082027
6.401741	0.02138	0.055434	0.053067	0.079663

6.404104	0.021991	0.059099	0.050624	0.080865
6.406467	0.021991	0.05971	0.04757	0.079447
6.40883	0.019547	0.062154	0.043905	0.078567
6.411192	0.019547	0.062154	0.039629	0.07626
6.413555	0.025656	0.06643	0.04085	0.082097
6.415918	0.032375	0.076814	0.039018	0.092038
6.418281	0.037873	0.089642	0.037796	0.104396
6.420644	0.040927	0.100026	0.036574	0.114096
6.423006	0.040927	0.104302	0.036574	0.117863
6.425369	0.037873	0.103691	0.029855	0.114357
6.427732	0.02871	0.099415	0.022525	0.105901
6.430095	0.019547	0.085977	0.012751	0.089088
6.432458	0.015271	0.065819	0.007254	0.067955
6.43482	0.011606	0.044439	0.002978	0.046026
6.437183	0.009774	0.026114	-0.0013	0.027913
6.439546	0.009774	0.011453	-0.00313	0.015379
6.441909	0.009774	0.004734	-0.00374	0.011486
6.444272	0.009774	0.005345	-0.00252	0.011421
6.446634	0.009774	0.011453	-0.00252	0.015266
6.448997	0.01466	0.024281	-0.00435	0.028696
6.45136	0.017104	0.033444	-0.00496	0.03789
6.453723	0.019547	0.041385	-0.00435	0.045975
6.456086	0.022601	0.054213	-0.00496	0.058945
6.458448	0.026266	0.075592	-0.00435	0.080144
6.460811	0.02871	0.09575	-0.00496	0.100085
6.463174	0.025656	0.109189	-0.00435	0.112247
6.465537	0.025656	0.118352	-0.00618	0.121258
6.467899	0.029932	0.127514	-0.01107	0.131447
6.470262	0.035429	0.132401	-0.02085	0.138636
6.472625	0.042148	0.130569	-0.03123	0.140712
6.474988	0.042148	0.120795	-0.03489	0.132611
6.477351	0.036651	0.121406	-0.041	0.133281
6.479713	0.028099	0.136066	-0.04222	0.145212
6.482076	0.020158	0.144618	-0.04406	0.152518
6.484439	0.014049	0.148283	-0.0465	0.156037
6.486802	0.010995	0.146451	-0.04528	0.153684
6.489165	0.011606	0.134845	-0.04222	0.141777
6.491527	0.012217	0.118963	-0.04161	0.126622
6.49389	0.014049	0.105524	-0.03978	0.113645
6.496253	0.013439	0.094529	-0.03917	0.103202
6.498616	0.012828	0.096361	-0.041	0.105505
6.500979	0.011606	0.101248	-0.03795	0.108747
6.503341	0.010995	0.100637	-0.03184	0.106125
6.505704	0.009774	0.097583	-0.02634	0.101547
6.508067	0.010995	0.093918	-0.0239	0.097533
6.51043	0.011606	0.086588	-0.02268	0.090257
6.512793	0.013439	0.075592	-0.01901	0.079097
6.515155	0.015882	0.063986	-0.0184	0.068448
6.517518	0.015882	0.055434	-0.0184	0.06053
6.519881	0.015882	0.046272	-0.01413	0.05092
6.522244	0.015271	0.050548	-0.01107	0.053952
6.524607	0.016493	0.06643	-0.01107	0.069336

6.526969	0.017715	0.080479	-0.01413	0.083608
6.529332	0.017715	0.085977	-0.01474	0.089011
6.531695	0.015882	0.085977	-0.01229	0.088291
6.534058	0.018325	0.083533	-0.01474	0.08678
6.536421	0.017715	0.07376	-0.01718	0.077778
6.538783	0.017715	0.057267	-0.01596	0.062032
6.541146	0.016493	0.044439	-0.01596	0.050015
6.543509	0.015882	0.037109	-0.01718	0.043869
6.545872	0.013439	0.029779	-0.01596	0.03636
6.548235	0.010995	0.024281	-0.01535	0.030757
6.550597	0.009163	0.024281	-0.01657	0.030791
6.55296	0.009774	0.027946	-0.01107	0.031608
6.555323	0.009163	0.033444	-0.01168	0.036591
6.557686	0.010384	0.032833	-0.00985	0.035817
6.560049	0.011606	0.033444	-0.00863	0.036437
6.562411	0.012828	0.036498	-0.00435	0.038931
6.564774	0.015882	0.048104	-0.00435	0.050845
6.567137	0.017715	0.057267	-0.00557	0.060203
6.5695	0.017715	0.058489	-0.00496	0.061314
6.571863	0.019547	0.061543	-0.00374	0.064681
6.574225	0.025045	0.079868	0.002367	0.083736
6.576588	0.052533	0.140953	0.007254	0.150599
6.578951	0.075745	0.166609	0.019471	0.184051
6.581314	0.085519	0.169052	0.029244	0.191696
6.583677	0.072691	0.151337	0.029855	0.170524
6.586039	0.046424	0.126904	0.027412	0.137881
6.588402	0.020769	0.097583	0.029244	0.103966
6.590765	-0.00183	0.06704	0.02619	0.071998
6.593128	-0.00977	0.040774	0.021914	0.04731
6.59549	-0.00733	0.018784	0.020082	0.028457
6.597853	-0.00122	0.005345	0.017027	0.017888
6.600216	0.003665	-0.00199	0.015195	0.015756
6.602579	0.006719	-0.00565	0.012141	0.014982
6.604942	0.006719	0.000458	0.007254	0.009898
6.607304	0.005498	0.005956	0.006643	0.01048
6.609667	0.006108	0.012064	0.005421	0.014569
6.61203	0.006719	0.020005	0.005421	0.021789
6.614393	0.009163	0.031	0.0042	0.032598
6.616756	0.010384	0.048104	-0.00374	0.049354
6.619118	0.012828	0.051769	-0.01107	0.054472
6.621481	0.027488	0.034055	-0.01596	0.046583
6.623844	0.041538	0.020616	-0.03062	0.055569
6.626207	0.0507	0.026114	-0.04894	0.075153
6.62857	0.056809	0.03772	-0.07338	0.100172
6.630932	0.05803	0.034055	-0.09415	0.115719
6.633295	0.062306	0.020005	-0.10453	0.123325
6.635658	0.063528	0.017562	-0.10697	0.12565
6.638021	0.0507	0.035276	-0.10087	0.118275
6.640384	0.029321	0.05238	-0.08682	0.105549
6.642746	0.009774	0.044439	-0.07093	0.084274
6.645109	-0.00244	0.022449	-0.04711	0.052244
6.647472	-0.00305	0.009621	-0.02512	0.027073

6.649835	0.002443	0.018784	-0.00924	0.021075
6.652198	0.011606	0.031	0.001145	0.033122
6.65456	0.018936	0.036498	0.000534	0.041122
6.656923	0.02138	0.031	-0.0013	0.03768
6.659286	0.018936	0.02367	-0.00313	0.030474
6.661649	0.010384	0.018173	-0.00191	0.021017
6.664012	0.003665	0.011453	-0.00374	0.012594
6.666374	-0.00244	0.003512	-0.00435	0.006103
6.668737	-0.00367	0.002291	-0.00435	0.006134
6.6711	-0.00305	0.009621	0.000534	0.010108
6.673463	0.004276	0.020616	-0.00191	0.021141
6.675826	0.010384	0.028557	-7.6E-05	0.030387
6.678188	0.015271	0.029168	-0.00069	0.032931
6.680551	0.015271	0.024892	-7.6E-05	0.029203
6.682914	0.009774	0.019394	0.001756	0.021789
6.685277	0.003054	0.009621	-7.6E-05	0.010094
6.68764	-0.00305	0.00168	-7.6E-05	0.003487
6.690002	-0.00672	-0.00137	-7.6E-05	0.006859
6.692365	-0.00305	-0.00137	-0.00069	0.003419
6.694728	0.000611	0.00168	-0.0013	0.002209
6.697091	0.006719	0.009621	-0.00069	0.011755
6.699454	0.009774	0.013286	-7.6E-05	0.016494
6.701816	0.009774	0.016951	-0.00191	0.01966
6.704179	0.007941	0.019394	-0.0013	0.020997
6.706542	0.005498	0.022449	-0.00313	0.023323
6.708905	0.005498	0.017562	-0.0013	0.018448
6.711268	0.003665	0.015729	-7.6E-05	0.016151
6.71363	0.004276	0.016951	-0.00069	0.017496
6.715993	0.005498	0.018173	-0.00069	0.018999
6.718356	0.005498	0.018784	-7.6E-05	0.019572
6.720719	0.005498	0.019394	-0.00069	0.02017
6.723081	0.006108	0.023059	-0.0013	0.02389
6.725444	0.006108	0.022449	0.000534	0.023271
6.727807	0.004887	0.022449	-0.00069	0.022985
6.73017	0.004276	0.026114	-0.0013	0.026493
6.732533	0.005498	0.027335	-0.0013	0.027913
6.734895	0.009163	0.029168	-0.00069	0.030581
6.737258	0.009774	0.026114	-7.6E-05	0.027883
6.739621	0.005498	0.018784	-0.00069	0.019584
6.741984	0.004887	0.012064	-7.6E-05	0.013017
6.744347	0.000611	0.007788	-7.6E-05	0.007813
6.746709	-0.00244	0.005345	-0.00069	0.005917
6.749072	-0.00122	0.005956	-0.00191	0.006372
6.751435	-0.00122	0.007177	0.002367	0.007656
6.753798	-0.00061	0.009621	0.001145	0.009708
6.756161	0.003665	0.015118	-0.00191	0.015673
6.758523	0.005498	0.018173	-0.00191	0.019082
6.760886	0.002443	0.018173	-7.6E-05	0.018336
6.763249	0.001833	0.015118	-0.00069	0.015245
6.765612	0.001833	0.009621	-0.00069	0.009818
6.767975	0.000611	0.008399	-0.0013	0.008521
6.770337	0	0.010232	-0.00069	0.010255

6.7727	0.003665	0.012064	-0.00374	0.013152
6.775063	0.004276	0.013286	-0.00313	0.014304
6.777426	0.004887	0.015729	-0.00313	0.016766
6.779789	0.006108	0.020005	-0.00252	0.021068
6.782151	0.005498	0.020005	-0.00313	0.020982
6.784514	0.006108	0.018173	-0.00252	0.019337
6.786877	0.005498	0.015118	-0.00435	0.016665
6.78924	0.002443	0.011453	-0.00496	0.012719
6.791603	0	0.010843	-0.00496	0.011924
6.793965	0.001222	0.009621	-0.00557	0.011186
6.796328	0	0.013897	-0.00252	0.014123
6.798691	0.003665	0.017562	-0.00252	0.018116
6.801054	0.004887	0.020005	-0.00374	0.020931
6.803417	0.004887	0.020005	-0.00435	0.021048
6.805779	0.004887	0.020005	-0.00252	0.020747
6.808142	0.005498	0.018173	-0.00374	0.019351
6.810505	0.003665	0.013286	-0.00191	0.013914
6.812868	0.003054	0.012064	-0.00252	0.012697
6.815231	0.001833	0.012064	0.000534	0.012214
6.817593	0.002443	0.012675	-7.6E-05	0.012909
6.819956	0.001833	0.011453	-0.0013	0.011671
6.822319	0.001222	0.010843	-0.0013	0.010988
6.824682	0.002443	0.00901	-0.00069	0.009361
6.827045	0.000611	0.007788	-0.00069	0.007842
6.829407	0	0.007788	-0.00069	0.007819
6.83177	0	0.008399	-0.0013	0.008499
6.834133	-0.00061	0.007177	0.001145	0.007294
6.836496	-0.00061	0.007788	0.001756	0.008007
6.838859	0.000611	0.005956	0.000534	0.006011
6.841221	0.000611	0.005345	0.001756	0.005659
6.843584	0	0.005345	-7.6E-05	0.005345
6.845947	-0.00122	0.002902	-0.00069	0.003222
6.84831	-0.00122	0.005956	0.001756	0.006328
6.850673	-0.00061	0.004734	0.001756	0.005086
6.853035	0.000611	0.002291	0.001145	0.002633
6.855398	0	0.004123	0.001756	0.004482
6.857761	0	0.004123	-0.00069	0.00418
6.860124	0	0.004123	0.001145	0.004279
6.862486	-0.00061	0.004123	0.001145	0.004323
6.864849	0	0.002902	0.001145	0.003119
6.867212	0.000611	0.002291	0.001145	0.002633
6.869575	0	0.004123	-7.6E-05	0.004124
6.871938	0	0.004123	0.000534	0.004158
6.8743	0	0.002291	-0.00069	0.002392
6.876663	-0.00061	0.002291	-0.00069	0.002468
6.879026	0.000611	0.002902	-0.00191	0.003526
6.881389	0	0.002291	-0.00069	0.002392
6.883752	-0.00122	0.001069	0.000534	0.001709
6.886114	-0.00244	0.00168	0.000534	0.003013
6.888477	-0.00061	0.00168	-0.00069	0.001915
6.89084	-0.00061	0.002902	-7.6E-05	0.002966
6.893203	-0.00122	0.00168	0.000534	0.002145

6.895566	-0.00183	0.001069	0.001756	0.002754
6.897928	-0.00122	0.001069	0.000534	0.001709
6.900291	-0.00061	0.001069	0.001756	0.002145
6.902654	-0.00061	0.00168	0.001756	0.002506
6.905017	-0.00122	0.001069	-7.6E-05	0.001625
6.90738	-0.00061	0.001069	-7.6E-05	0.001234
6.909742	-0.00061	0.001069	0.001145	0.001682
6.912105	-0.00122	0.001069	-7.6E-05	0.001625
6.914468	-0.00183	0.000458	-7.6E-05	0.00189
6.916831	0.000611	0.001069	0.000534	0.001342
6.919194	0	0.001069	0.002978	0.003164
6.921556	-0.00061	0.001069	0.002367	0.002668
6.923919	-0.00061	0.002291	0.001145	0.002633
6.926282	-0.00122	0.002291	0.001145	0.002838
6.928645	0	0.00168	0.001756	0.00243
6.931008	0.001833	0.002902	-0.00069	0.0035
6.93337	0	0.002902	0.000534	0.00295
6.935733	-0.00122	0.002291	-7.6E-05	0.002597
6.938096	0	0.00168	0.000534	0.001763
6.940459	-0.00122	0.002902	0.000534	0.003193
6.942822	-0.00244	-0.00015	-7.6E-05	0.002449
6.945184	-0.00183	-0.00015	-7.6E-05	0.00184
6.947547	-0.00122	-0.00199	0.002367	0.003322
6.94991	-0.00061	0.000458	0.001145	0.001377
6.952273	-0.00122	0.000458	0.001756	0.002188
6.954636	-0.00061	-0.00076	0.001145	0.001506
6.956998	-0.00061	0.002291	0.001145	0.002633
6.959361	-0.00122	0.002902	-7.6E-05	0.003149
6.961724	-0.00122	0.00168	-7.6E-05	0.002079
6.964087	-0.00122	0.002902	-0.0013	0.003405
6.96645	-0.00061	0.003512	-0.00191	0.004044
6.968812	-0.00122	0.003512	-0.00069	0.003782
6.971175	0	0.002902	-0.00069	0.002982
6.973538	-0.00061	0.00168	0.000534	0.001866
6.975901	-0.00122	0.001069	0.000534	0.001709
6.978264	-0.00122	0.00168	0.000534	0.002145
6.980626	-0.00061	0.004123	0.001756	0.004523
6.982989	-0.00061	0.002902	-7.6E-05	0.002966
6.985352	-0.00061	0.003512	0.000534	0.003605
6.987715	-0.00061	0.004123	0.000534	0.004202
6.990078	0.000611	0.007177	-7.6E-05	0.007204
6.99244	0	0.005345	0.001145	0.005466
6.994803	0	0.003512	0.001145	0.003694
6.997166	0	0.001069	-0.00069	0.001271
6.999529	0	0.000458	-7.6E-05	0.000464
7.001891	-0.00122	0.002291	-7.6E-05	0.002597
7.004254	0	0.001069	0.001756	0.002056
7.006617	-0.00061	0.002291	0.001756	0.00295
7.00898	-0.00122	0.002902	0.001145	0.00335
7.011343	0	0.005345	-0.0013	0.0055
7.013705	0	0.006567	0.000534	0.006588
7.016068	0	0.005345	-7.6E-05	0.005345

7.018431	-0.00061	0.005956	0.000534	0.006011
7.020794	0	0.006567	0.000534	0.006588
7.023157	-0.00061	0.007177	-0.0013	0.007319
7.025519	-0.00061	0.007788	-0.0013	0.007919
7.027882	0	0.008399	-0.00191	0.008613
7.030245	-0.00061	0.005956	-0.00252	0.006496
7.032608	-0.00061	0.005956	0.000534	0.006011
7.034971	-0.00122	0.004734	-7.6E-05	0.00489
7.037333	0.001222	0.004734	-0.0013	0.005059
7.039696	0.001222	0.004734	-7.6E-05	0.00489
7.042059	0.001222	0.005345	0.000534	0.005509
7.044422	0.001222	0.003512	-0.00069	0.003782
7.046785	0.000611	0.004734	-0.00252	0.005398
7.049147	-0.00122	0.002902	-7.6E-05	0.003149
7.05151	0.001222	0.004123	-0.00252	0.004984
7.053873	0.000611	0.004734	-7.6E-05	0.004774
7.056236	0	0.001069	-7.6E-05	0.001072
7.058599	0.000611	0.003512	-7.6E-05	0.003566
7.060961	-0.00183	0.002291	-0.00191	0.0035
7.063324	0	0.001069	0.000534	0.001195
7.065687	-0.00061	-0.00076	-7.6E-05	0.000981
7.06805	0.001222	0.001069	-0.0013	0.002079
7.070413	-0.00122	-0.00015	0.001145	0.001682
7.072775	-0.00061	-0.00076	-0.0013	0.001625
7.075138	-0.00122	-0.00199	-7.6E-05	0.002332
7.077501	-0.00061	-0.00199	-0.0013	0.002449
7.079864	-0.00122	-0.00382	0.001145	0.004169
7.082227	0	-0.0026	-0.00069	0.002686
7.084589	-0.00244	-0.00321	-7.6E-05	0.004032
7.086952	-0.00122	-0.00137	0.001145	0.002166
7.089315	0	-0.0026	0.001145	0.002838
7.091678	0	-0.00321	-7.6E-05	0.003208
7.094041	-0.00183	-0.00382	-0.00069	0.00429
7.096403	-0.00183	-0.0026	0.001145	0.003378
7.098766	-0.00122	-0.0026	-0.0013	0.003149
7.101129	-0.00244	-0.00382	0.002367	0.005114
7.103492	-0.00305	-0.00565	0.000534	0.006445
7.105855	-0.00367	-0.00382	-7.6E-05	0.005293
7.108217	-0.00183	-0.00199	-0.00069	0.002788
7.11058	-0.00305	0.000458	-7.6E-05	0.003089
7.112943	-0.00244	-0.00076	0.002367	0.003487
7.115306	-0.00305	0.001069	-7.6E-05	0.003237
7.117669	-0.00367	0.000458	-7.6E-05	0.003694
7.120031	-0.00244	0.001069	0.001756	0.003193
7.122394	-0.00367	0.000458	0.001145	0.003867
7.124757	-0.00489	-0.00015	0.001756	0.005195
7.12712	-0.00183	0.00168	0.000534	0.002543
7.129483	-0.00122	0.002291	0.000534	0.002651
7.131845	-0.00061	0.00168	0.001145	0.002123
7.134208	-0.00183	0.00168	0.001145	0.002737
7.136571	-0.00183	0.003512	-7.6E-05	0.003962
7.138934	-0.00244	0.00168	0.001756	0.003446

7.141297	-0.00305	0.001069	0.001145	0.003433
7.143659	-0.00367	-0.00015	0.001756	0.004067
7.146022	-0.00183	-0.00015	0.001145	0.002166
7.148385	-0.00122	-0.00015	0.001756	0.002145
7.150748	-0.00122	0.002291	0.000534	0.002651
7.153111	-0.00061	0.00168	-0.00069	0.001915
7.155473	0	0.001069	-7.6E-05	0.001072
7.157836	-0.00061	-0.00015	-0.00069	0.000932
7.160199	-0.00183	-0.00137	0.000534	0.002352
7.162562	-0.00061	-0.00015	-0.00069	0.000932
7.164924	-0.00061	0.000458	0.000534	0.000932
7.167287	0	-0.00076	0.000534	0.000932
7.16965	0.001833	-0.00137	-0.00069	0.002392
7.172013	-0.00061	-0.00137	-7.6E-05	0.001506
7.174376	-0.00061	-0.00199	-7.6E-05	0.002079
7.176739	-0.00122	-0.00076	0.000534	0.001537
7.179101	-0.00183	-0.00137	0.001145	0.002561
7.181464	-0.00183	-0.0026	0.002367	0.003962
7.183827	-0.00183	-0.0026	0.001756	0.003631
7.18619	-0.00061	-0.00382	0.000534	0.003903
7.188552	-0.00183	-0.00321	0.001756	0.00409
7.190915	-0.00183	-0.0026	0.001756	0.003631
7.193278	-0.00244	-0.00199	0.001756	0.003605
7.195641	0	-0.00076	0.003589	0.003669
7.198004	0	-0.0026	0.001756	0.003134
7.200366	-0.00305	-0.0026	0.002367	0.004655
7.202729	-0.00367	-0.00443	0.002978	0.006474
7.205092	-0.00305	-0.00321	0.002978	0.005337
7.207455	-0.00244	-0.0026	0.0042	0.005509
7.209818	-0.00244	-0.00382	0.002978	0.005423
7.21218	-0.00183	-0.00687	0.005421	0.008943
7.214543	-0.00367	-0.00687	0.006032	0.009851
7.216906	-0.00489	-0.00443	0.005421	0.008537
7.219269	-0.00183	-0.00382	0.006643	0.007878
7.221632	-0.00183	-0.00443	0.006032	0.007704
7.223994	-0.00305	-0.00443	0.007865	0.009529
7.226357	-0.00367	-0.00443	0.007254	0.009255
7.22872	-0.00305	-0.00504	0.006032	0.008433
7.231083	-0.00122	-0.00321	0.005421	0.006416
7.233446	-0.00122	-0.00199	0.005421	0.005901
7.235808	-0.00122	-0.0026	0.007254	0.007801
7.238171	-0.00183	-0.00443	0.006643	0.008191
7.240534	-0.00305	-0.00382	0.0042	0.006445
7.242897	-0.00244	-0.00321	0.005421	0.006756
7.24526	-0.00122	-0.00321	0.002978	0.004544
7.247622	-0.00061	-0.00321	0.003589	0.004851
7.249985	-0.00122	-0.00137	0.0042	0.004585
7.252348	-0.00061	-0.00137	0.001145	0.00189
7.254711	0	-0.00076	0.001145	0.001377
7.257074	-0.00244	-0.00015	0.001756	0.003013
7.259436	-0.00183	0.000458	-7.6E-05	0.00189
7.261799	0	-0.00076	-7.6E-05	0.000767

7.264162	-0.00122	-0.00015	0.001145	0.001682
7.266525	0.001222	0.004734	-0.00191	0.005249
7.268888	0.001833	0.004123	0.000534	0.004544
7.27125	0	0.004123	0.001145	0.004279
7.273613	-0.00183	0.001069	0.001145	0.002411
7.275976	-0.00244	-0.0026	0.001145	0.003745
7.278339	-0.00305	-0.00382	0.000534	0.004918
7.280702	-0.00122	-0.00199	0.001756	0.002919
7.283064	-0.00305	-0.00137	-7.6E-05	0.00335
7.285427	0.001222	-0.00076	0.002367	0.002771
7.28779	0.000611	-0.00015	-7.6E-05	0.000634
7.290153	0.000611	-0.00076	-7.6E-05	0.000981
7.292516	-0.00122	-0.00015	-0.00069	0.00141
7.294878	-0.00244	-0.00076	0.001145	0.002804
7.297241	-0.00122	-0.00076	0.001145	0.00184
7.299604	0	-0.00015	0.000534	0.000556
7.301967	-0.00122	-0.00199	0.000534	0.002392
7.30433	-0.00061	-0.00137	0.001145	0.00189
7.306692	-0.00122	-0.00137	0.000534	0.001915
7.309055	0	0.000458	0.001756	0.001815
7.311418	0.000611	-0.00015	0.002367	0.002449
7.313781	0.000611	0.000458	-7.6E-05	0.000767
7.316144	0.000611	0.000458	0.000534	0.000932
7.318506	0	0.002291	0.002367	0.003294
7.320869	-0.00183	0.001069	0.002367	0.003179
7.323232	-0.00061	0.002291	0.001145	0.002633
7.325595	0	0.001069	0.001145	0.001567
7.327958	0.000611	0.002291	0.001145	0.002633
7.33032	0	0.001069	0.000534	0.001195
7.332683	-0.00061	0.000458	0.002367	0.002487
7.335046	0	0.000458	0.002367	0.002411
7.337409	0	0.002902	0.001145	0.003119
7.339772	-0.00061	0.00168	0.001145	0.002123
7.342134	-0.00122	0.004123	0.001145	0.00445
7.344497	-0.00244	0.003512	0.001145	0.004429
7.34686	-0.00061	0.004123	-7.6E-05	0.004169
7.349223	0	0.004123	-0.00069	0.00418
7.351585	0.000611	0.002902	0.001145	0.003179
7.353948	-0.00061	0.002902	0.001145	0.003179
7.356311	-0.00183	0.00168	0.002367	0.003433
7.358674	-0.00122	0.00168	0.001145	0.002372
7.361037	-0.00061	0.001069	0.002978	0.003222
7.363399	0	0.002291	0.001756	0.002886
7.365762	-0.00061	0.002902	0.001145	0.003179
7.368125	-0.00183	0.002291	0.003589	0.004635
7.370488	-0.00244	0.00168	0.0042	0.005141
7.372851	-0.00305	0.001069	0.003589	0.004832
7.375214	-0.00244	-0.00076	0.003589	0.004408
7.377576	-0.00183	-0.00076	0.003589	0.004101
7.379939	-0.00183	0.001069	0.005421	0.005822
7.382302	-0.00122	0.00168	0.0042	0.004685
7.384665	-0.00122	0.002291	0.003589	0.004429

7.387027	-0.00122	0.000458	0.005421	0.005576
7.38939	-0.00061	0.000458	0.00481	0.004871
7.391753	0.000611	0.000458	0.002978	0.003074
7.394116	0.003665	0.000458	0.001145	0.003867
7.396479	0.000611	0.000458	0.002978	0.003074
7.398841	0.001222	-0.00015	0.0042	0.004376
7.401204	0	-0.00076	0.003589	0.003669
7.403567	0.001222	-0.00076	0.002367	0.002771
7.40593	0.001222	0.002291	0.002367	0.003513
7.408293	0.000611	0.00168	0.001756	0.002506
7.410655	-0.00061	-0.00015	0.001756	0.001866
7.413018	-0.00122	-0.00076	0.002978	0.003308
7.415381	-0.00061	-0.00015	0.001145	0.001307
7.417744	-0.00122	0.001069	0.001145	0.001987
7.420107	-0.00061	0.000458	0.001756	0.001915
7.422469	-0.00183	-0.00015	0.000534	0.001915
7.424832	-0.00061	0.000458	0.002367	0.002487
7.427195	-0.00061	0.001069	0.001756	0.002145
7.429558	0.001222	0.001069	0.003589	0.003939
7.431921	-0.00061	0.001069	0.001756	0.002145
7.434283	-0.00061	0.000458	0.002367	0.002487
7.436646	-0.00122	0.001069	0.000534	0.001709
7.439009	0	0.000458	0.000534	0.000704
7.441372	0.001222	0.001069	0.002978	0.003392
7.443735	0	0.001069	0.001145	0.001567
7.446097	0	0.002291	0.001756	0.002886
7.44846	-0.00061	0.002902	0.001145	0.003179
7.450823	-0.00244	0.002902	0.001145	0.003962
7.453186	-0.00061	0.001069	0.002978	0.003222
7.455549	0.001222	0.000458	0.002367	0.002703
7.457911	-0.00061	-0.00015	0.002978	0.003044
7.460274	-0.00061	-0.00076	-7.6E-05	0.000981
7.462637	-0.00183	-0.00015	0.002367	0.002997
7.465	-0.00244	0.000458	0.002367	0.003433
7.467363	-0.00244	0.002291	0.000534	0.003392
7.469725	-0.00244	0.00168	0.001145	0.003179
7.472088	-0.00183	0.000458	0.001145	0.002209
7.474451	-0.00183	0.001069	0.000534	0.002188
7.476814	0	0.002291	0.001145	0.002561
7.479177	0	0.000458	0.002367	0.002411
7.481539	0	-0.00015	0.002367	0.002372
7.483902	-0.00183	-0.00015	0.002367	0.002997
7.486265	0	-0.00015	-0.00191	0.001915
7.488628	-0.00061	0.000458	-7.6E-05	0.000767
7.490991	0	0.001069	0.000534	0.001195
7.493353	-0.00122	0.000458	0.000534	0.00141
7.495716	0.001222	0.00168	0.001145	0.002372
7.498079	0.000611	0.003512	0.001756	0.003974
7.500442	0.000611	0.002902	0.000534	0.003013
7.502805	-0.00122	0.002291	0.003589	0.004429
7.505167	-0.00122	0.002291	0.002367	0.003513
7.50753	-0.00061	0.000458	0.002367	0.002487

7.509893	0	0.002902	0.003589	0.004615
7.512256	-0.00061	0.004123	0.001145	0.004323
7.514619	-0.00061	0.002902	0.001145	0.003179
7.516981	-0.00122	0.003512	0.002978	0.004764
7.519344	0.001833	0.004123	0.000534	0.004544
7.521707	-0.00061	0.005345	0.002367	0.005877
7.52407	0	0.004734	0.000534	0.004764
7.526433	0	0.003512	0.002367	0.004236
7.528795	0.000611	0.004123	0.001145	0.004323
7.531158	0	0.002291	0.001145	0.002561
7.533521	0.001833	0.003512	0.000534	0.003998
7.535884	0	0.002902	0.001756	0.003392
7.538247	0	0.004734	0.000534	0.004764
7.540609	0	0.001069	-0.00069	0.001271
7.542972	0.001222	0.00168	0.001145	0.002372
7.545335	0.001833	0.002902	0.000534	0.003473
7.547698	0	0.004734	-7.6E-05	0.004735
7.550061	0.001222	0.003512	0.000534	0.003757
7.552423	0.001222	0.002291	-7.6E-05	0.002597
7.554786	0.003054	0.002902	0.001145	0.004366
7.557149	0.001222	0.002291	-7.6E-05	0.002597
7.559512	0.001833	0.002291	-7.6E-05	0.002934
7.561875	0.003054	0.00168	0.000534	0.003526
7.564237	0.002443	0.000458	0.001145	0.002737
7.5666	0.000611	0.00168	0.001756	0.002506
7.568963	-0.00061	0.002902	0.000534	0.003013
7.571326	0	0.004734	-7.6E-05	0.004735
7.573689	-0.00061	0.003512	0.001145	0.003745
7.576051	0.000611	0.002902	0.002367	0.003794
7.578414	0.001222	0.001069	-7.6E-05	0.001625
7.580777	-0.00061	0.002291	-7.6E-05	0.002372
7.58314	-0.00122	0.001069	-7.6E-05	0.001625
7.585503	-0.00061	0.00168	0.000534	0.001866
7.587865	-0.00061	0.002902	0.001145	0.003179
7.590228	0.001222	0.004734	0.001145	0.005022
7.592591	-0.00061	0.003512	0.001756	0.003974
7.594954	0	0.003512	0.000534	0.003553
7.597317	0.001222	0.004734	-0.0013	0.005059
7.599679	0	0.005345	-0.00252	0.005909
7.602042	0.001222	0.002902	-0.00069	0.003222
7.604405	0.001222	0.004734	0.001756	0.005195
7.606768	0.000611	0.004123	0.001145	0.004323
7.60913	-0.00061	0.002902	0.001145	0.003179
7.611493	-0.00122	0.002291	0.001145	0.002838
7.613856	-0.00122	0.00168	0.001145	0.002372
7.616219	0.000611	-0.00015	0.001756	0.001866
7.618582	0	0.00168	0.000534	0.001763
7.620944	-0.00061	0.001069	0.001756	0.002145
7.623307	-0.00061	0.00168	0.001145	0.002123
7.62567	-0.00122	0.00168	0.000534	0.002145
7.628033	-0.00061	0.002291	0.000534	0.00243
7.630396	0	0.004123	-7.6E-05	0.004124

7.632758	0	0.001069	-7.6E-05	0.001072
7.635121	0.000611	-0.00015	0.001756	0.001866
7.637484	0.001222	0.003512	0.000534	0.003757
7.639847	0.000611	0.002902	0.001756	0.003446
7.64221	0.001222	0.00168	0.000534	0.002145
7.644572	0.001222	0.003512	0.001145	0.003891
7.646935	-0.00122	0.005345	0.000534	0.005509
7.649298	0.000611	0.005956	-0.00069	0.006026
7.651661	0.001222	0.004123	0.001145	0.00445
7.654024	0.001222	0.004123	0.001756	0.004645
7.656386	0.000611	0.003512	0.001145	0.003745
7.658749	0	0.003512	-0.00069	0.003579
7.661112	0.001833	0.004734	0.000534	0.005104
7.663475	0.000611	0.005345	0.001756	0.005659
7.665838	0.001833	0.002291	0.001145	0.003149
7.6682	0.001222	0.005345	0.001756	0.005757
7.670563	0.001222	0.004734	0.001756	0.005195
7.672926	0.000611	0.005956	0.001145	0.006096
7.675289	0.000611	0.005345	0.001756	0.005659
7.677652	0.001833	0.003512	0.001145	0.004124
7.680014	0	0.003512	0.002367	0.004236
7.682377	0	0.004123	0.000534	0.004158
7.68474	0.000611	0.002902	0.001145	0.003179
7.687103	-0.00061	0.004123	0.000534	0.004202
7.689466	-0.00122	0.005345	-0.00069	0.005526
7.691828	0.001222	0.004734	0.001145	0.005022
7.694191	0.000611	0.002902	-7.6E-05	0.002966
7.696554	-0.00122	0.002291	0.001145	0.002838
7.698917	0.000611	0.003512	-7.6E-05	0.003566
7.70128	0	0.003512	0.002367	0.004236
7.703642	0.000611	0.002902	0.001756	0.003446
7.706005	0.000611	0.002902	0.0042	0.005141
7.708368	-0.00061	0.002902	0.001756	0.003446
7.710731	-0.00061	0.004123	0.001145	0.004323
7.713094	0	0.004734	0.002978	0.005593
7.715456	-0.00122	0.004123	0.002978	0.005231
7.717819	0.001222	0.003512	0.002367	0.004408
7.720182	0.000611	0.002902	0.001756	0.003446
7.722545	0	0.004734	0.002367	0.005293
7.724908	0.001222	0.004123	0.003589	0.005601
7.72727	-0.00061	0.005345	0.002978	0.006149
7.729633	0.001833	0.004734	0.000534	0.005104
7.731996	0.001222	0.003512	-7.6E-05	0.00372
7.734359	0	0.004734	-0.00069	0.004784
7.736722	0	0.001069	0.002367	0.002597
7.739084	-0.00305	0.002291	0.00481	0.006141
7.741447	0.000611	0.004123	0.002367	0.004793
7.74381	0.001222	0.004123	0.000534	0.004333
7.746173	0.001833	0.002902	0.000534	0.003473
7.748536	0	0.004123	0.000534	0.004158
7.750898	0.001222	0.004734	-7.6E-05	0.00489
7.753261	-0.00061	0.003512	-7.6E-05	0.003566

7.755624	-0.00061	0.004734	0.000534	0.004803
7.757987	0	0.004123	-7.6E-05	0.004124
7.76035	0.000611	0.003512	0.000534	0.003605
7.762712	0.000611	0.005345	-7.6E-05	0.00538
7.765075	0.000611	0.005345	-0.00069	0.005423
7.767438	0	0.004734	0.002978	0.005593
7.769801	0	0.004123	0.002367	0.004754
7.772164	0.001222	0.005345	0.002367	0.005972
7.774526	0.001833	0.003512	-0.00069	0.004021
7.776889	0.001833	0.004734	0.002367	0.005601
7.779252	0.001833	0.004734	0.001145	0.005204
7.781615	0.000611	0.004734	-7.6E-05	0.004774
7.783978	0.001222	0.007177	0.000534	0.0073
7.78634	0	0.005345	-7.6E-05	0.005345
7.788703	0.002443	0.004734	0.001145	0.005449
7.791066	0.002443	0.005345	-7.6E-05	0.005877
7.793429	0.003054	0.004734	-7.6E-05	0.005634
7.795792	0.001222	0.007177	0.002367	0.007656
7.798154	0.002443	0.005345	0.000534	0.005901
7.800517	0.001222	0.006567	-7.6E-05	0.00668
7.80288	0.000611	0.006567	-7.6E-05	0.006595
7.805243	0.000611	0.006567	-0.00069	0.006631
7.807606	0.001222	0.007788	0.001145	0.007966
7.809968	0	0.007788	0.000534	0.007807
7.812331	0	0.005345	-7.6E-05	0.005345
7.814694	0.001833	0.005345	0.003589	0.006694
7.817057	0.002443	0.006567	-7.6E-05	0.007007
7.81942	0.001833	0.005345	0.001756	0.005917
7.821782	0.001222	0.005345	0.001756	0.005757
7.824145	0.001833	0.007177	-0.0013	0.007521
7.826508	0.002443	0.005956	0.001145	0.006539
7.828871	0.003054	0.004123	-0.0013	0.005293
7.831234	0.003054	0.004734	-7.6E-05	0.005634
7.833596	0.000611	0.006567	-7.6E-05	0.006595
7.835959	0.000611	0.005956	-7.6E-05	0.005987
7.838322	0.001222	0.005345	0.001756	0.005757
7.840685	0	0.005345	-7.6E-05	0.005345
7.843048	0.001833	0.005956	0.001145	0.006336
7.84541	0.002443	0.004734	-7.6E-05	0.005328
7.847773	0.001833	0.005345	-0.00069	0.005692
7.850136	-0.00061	0.004734	-0.00069	0.004823
7.852499	-0.00061	0.004123	0.001756	0.004523
7.854862	0	0.002902	0.001145	0.003119
7.857224	0.000611	0.003512	-0.00069	0.003631
7.859587	0.001222	0.002902	-7.6E-05	0.003149
7.86195	0.003054	0.002902	-0.0013	0.004408
7.864313	0.001222	0.003512	-0.0013	0.003939
7.866676	-0.00061	0.002902	0.000534	0.003013
7.869038	-0.00122	0.005956	-7.6E-05	0.00608
7.871401	0.000611	0.00168	0.000534	0.001866
7.873764	-0.00061	0.00168	0.001145	0.002123
7.876127	-0.00061	0.00168	-7.6E-05	0.001789

7.87849	0.000611	0.002902	0.001145	0.003179
7.880852	-0.00061	0.002291	0.000534	0.00243
7.883215	0	0.004123	0.001145	0.004279
7.885578	-0.00061	0.004734	0.001145	0.004909
7.887941	0	0.004734	-0.00069	0.004784
7.890304	0.000611	0.004734	0.000534	0.004803
7.892666	-0.00061	0.002902	-0.00069	0.003044
7.895029	-0.00061	0.004123	0.001145	0.004323
7.897392	0.001833	0.004734	-0.00252	0.005667
7.899755	0.001222	0.005956	-0.0013	0.006217
7.902118	0	0.003512	-7.6E-05	0.003513
7.90448	0.000611	0.004123	-0.00069	0.004224
7.906843	0.000611	0.004123	-0.0013	0.004366
7.909206	0.001833	0.00168	-7.6E-05	0.002487
7.911569	0.000611	0.002902	0.001145	0.003179
7.913932	0.002443	0.003512	0.000534	0.004312
7.916294	0.001222	0.00168	-7.6E-05	0.002079
7.918657	0.003054	0.003512	-0.00069	0.004705
7.92102	0.001833	0.00168	0.000534	0.002543
7.923383	0.001833	0.002902	-0.00069	0.0035
7.925745	0	0.004734	0.000534	0.004764
7.928108	0.000611	0.004734	0.000534	0.004803
7.930471	0.001222	0.002902	-0.0013	0.003405
7.932834	0.001222	0.003512	0.001756	0.004113
7.935197	0.001222	0.004734	-7.6E-05	0.00489
7.937559	0.003054	0.005956	0.001145	0.006791
7.939922	0.001222	0.004123	0.001145	0.00445
7.942285	0.001222	0.006567	-0.00069	0.006715
7.944648	0.003054	0.005956	0.001145	0.006791
7.947011	0.001833	0.005345	-7.6E-05	0.005651
7.949374	0.001222	0.004734	-0.00069	0.004937
7.951736	0.000611	0.004734	-0.00069	0.004823
7.954099	0.001833	0.006567	0.000534	0.006838
7.956462	0.001833	0.004123	0.001145	0.004655
7.958825	0.002443	0.004123	0.000534	0.004823
7.961187	0	0.003512	0.000534	0.003553
7.96355	0.000611	0.004123	-0.00069	0.004224
7.965913	0.000611	0.002902	-0.00069	0.003044
7.968276	0.001833	0.004123	-7.6E-05	0.004513
7.970639	0.000611	0.002291	-0.00313	0.003927
7.973001	0	0.003512	-0.0013	0.003745
7.975364	-0.00061	0.004734	-0.00191	0.005141
7.977727	-0.00061	0.003512	-0.00069	0.003631
7.98009	-0.00061	0.00168	0.000534	0.001866
7.982453	-0.00122	0.00168	-7.6E-05	0.002079
7.984815	-0.00183	0.002291	0.000534	0.002982
7.987178	0.000611	0.002902	-0.00069	0.003044
7.989541	0	0.002902	0.000534	0.00295
7.991904	0.001222	0.004123	0.000534	0.004333
7.994267	-0.00061	0.004123	-0.00069	0.004224
7.996629	0.000611	0.003512	-7.6E-05	0.003566
7.998992	-0.00061	0.003512	0.001145	0.003745

8.001355	0	0.002902	0.000534	0.00295
8.003718	0.002443	0.003512	-7.6E-05	0.004279
8.006081	0.001222	0.002902	0.000534	0.003193
8.008443	0	0.003512	0.000534	0.003553
8.010806	0.000611	0.004734	-0.00069	0.004823
8.013169	0	0.004734	-0.00069	0.004784
8.015532	-0.00061	0.006567	0.000534	0.006617
8.017895	0.000611	0.005956	-7.6E-05	0.005987
8.020257	0.001833	0.005345	-0.00069	0.005692
8.02262	0.001833	0.005956	-7.6E-05	0.006232
8.024983	0	0.004734	-7.6E-05	0.004735
8.027346	0	0.007177	-0.0013	0.007294
8.029709	0.000611	0.007788	-0.00191	0.008042
8.032071	0.000611	0.007177	-0.00069	0.007236
8.034434	0.000611	0.006567	-0.0013	0.006721
8.036797	0	0.005956	-0.0013	0.006096
8.03916	0.001222	0.004734	-0.0013	0.005059
8.041523	0.000611	0.004123	-7.6E-05	0.004169
8.043885	0.000611	0.005345	-0.00069	0.005423
8.046248	0.001833	0.005345	-0.0013	0.005798
8.048611	0.000611	0.007177	-0.00069	0.007236
8.050974	0.000611	0.007788	-0.0013	0.007919
8.053337	0.000611	0.007788	-0.00191	0.008042
8.055699	0	0.007177	-0.00191	0.007427
8.058062	0	0.007788	-7.6E-05	0.007789
8.060425	0.001222	0.00901	-0.0013	0.009185
8.062788	0.000611	0.007177	-0.00313	0.007854
8.065151	0.000611	0.006567	-0.0013	0.006721
8.067513	0.001833	0.006567	-0.00252	0.007268
8.069876	0.001833	0.008399	-0.00191	0.008806
8.072239	-0.00061	0.007177	0.000534	0.007223
8.074602	0	0.00901	-0.00191	0.00921
8.076965	0.000611	0.007788	-0.0013	0.007919
8.079327	0	0.005956	-0.00313	0.006728
8.08169	0.000611	0.006567	-0.00191	0.006866
8.084053	-0.00367	0.004734	-0.00069	0.006026
8.086416	-0.00061	0.008399	-0.00313	0.008984
8.088779	0.001222	0.008399	-0.0013	0.008586
8.091141	0.000611	0.007177	-0.0013	0.007319
8.093504	-0.00061	0.007177	-7.6E-05	0.007204
8.095867	0.001833	0.007177	-0.00191	0.00765
8.09823	0.001222	0.007177	-7.6E-05	0.007281
8.100593	0	0.005956	-0.00069	0.005995
8.102955	-0.00122	0.005956	-7.6E-05	0.00608
8.105318	0	0.005956	-0.0013	0.006096
8.107681	0.001222	0.004734	-0.00191	0.005249
8.110044	0.001222	0.005345	0.000534	0.005509
8.112407	0	0.005345	0.000534	0.005372
8.114769	0.000611	0.004123	-7.6E-05	0.004169
8.117132	0.001833	0.004734	-0.0013	0.00524
8.119495	0.001222	0.005345	-0.0013	0.005634
8.121858	-0.00122	0.005345	-0.00069	0.005526

8.124221	-0.00183	0.004123	-0.00191	0.004899
8.126583	0	0.003512	-7.6E-05	0.003513
8.128946	-0.00122	0.004734	-0.00191	0.005249
8.131309	-0.00061	0.003512	-0.00252	0.004366
8.133672	0	0.002902	-0.0013	0.003179
8.136035	-0.00183	0.004123	-0.00069	0.004564
8.138397	0	0.005345	-0.00252	0.005909
8.14076	0.001222	0.004123	-0.0013	0.004492
8.143123	0.001833	0.004123	-0.00191	0.004899
8.145486	0.001222	0.002291	-0.00069	0.002686
8.147849	0.001222	0.003512	-0.00191	0.00418
8.150211	-0.00061	0.006567	-0.00252	0.00706
8.152574	0	0.002902	-0.00069	0.002982
8.154937	-0.00061	0.003512	-0.00191	0.004044
8.1573	-0.00061	0.005956	-0.0013	0.006126
8.159663	0.000611	0.004734	0.000534	0.004803
8.162025	0.001833	0.005956	0.001756	0.006474
8.164388	0.002443	0.005345	-0.00069	0.005917
8.166751	0.001222	0.005956	-0.0013	0.006217
8.169114	-0.00061	0.005345	-7.6E-05	0.00538
8.171477	-0.00061	0.007177	-0.0013	0.007319
8.173839	0.001833	0.005956	0.000534	0.006254
8.176202	0.001833	0.006567	-0.00069	0.006852
8.178565	0.001222	0.005956	-0.00069	0.006118
8.180928	0.001833	0.005956	-7.6E-05	0.006232
8.183291	0.000611	0.005345	0.000534	0.005406
8.185653	0.001222	0.003512	-7.6E-05	0.00372
8.188016	0.001222	0.005345	0.000534	0.005509
8.190379	0	0.004734	0.000534	0.004764
8.192742	0.001833	0.005345	0.001756	0.005917
8.195105	0.002443	0.005345	0.000534	0.005901
8.197467	0.002443	0.002902	0.001145	0.003962
8.19983	0	0.003512	-0.00069	0.003579
8.202193	0.001833	0.002902	0.001145	0.003618
8.204556	0.001833	0.002902	0.002367	0.004169
8.206919	0.001222	0.002902	0.001756	0.003605
8.209281	0	0.002291	0.001145	0.002561
8.211644	0.000611	0.003512	-7.6E-05	0.003566
8.214007	0.001833	0.00168	-7.6E-05	0.002487
8.21637	0	0.002902	0.001145	0.003119
8.218733	0.000611	0.002902	-7.6E-05	0.002966
8.221095	-0.00061	0.002291	-0.00069	0.002468
8.223458	-0.00061	0.003512	0.001756	0.003974
8.225821	0	0.005345	-0.0013	0.0055
8.228184	-0.00061	0.005956	0.000534	0.006011
8.230547	0	0.00168	0.001145	0.002033
8.232909	-0.00061	0.001069	-7.6E-05	0.001234
8.235272	-0.00061	0.00168	-0.00069	0.001915
8.237635	-0.00122	0.003512	0.001756	0.004113
8.239998	0	0.003512	-0.0013	0.003745
8.242361	0	0.000458	-0.00069	0.000826
8.244723	-0.00183	0.000458	-7.6E-05	0.00189

8.247086	-0.00122	0.000458	-7.6E-05	0.001307
8.249449	-0.00122	0.000458	-0.00069	0.001475
8.251812	-0.00122	0.002902	-0.0013	0.003405
8.254175	-0.00122	0.001069	0.001756	0.002392
8.256537	-0.00061	-0.00015	0.001145	0.001307
8.2589	-0.00061	0.000458	0.000534	0.000932
8.261263	-0.00122	0.00168	-7.6E-05	0.002079
8.263626	-0.00122	0.000458	-0.00069	0.001475
8.265989	-0.00183	0.00168	-7.6E-05	0.002487
8.268351	-0.00061	0.002291	0.000534	0.00243
8.270714	-0.00061	0.000458	0.001145	0.001377
8.273077	-0.00122	0.004123	0.001756	0.004645
8.27544	-0.00183	0.004734	-7.6E-05	0.005077
8.277803	-0.00183	0.003512	-7.6E-05	0.003962
8.280165	0.001833	0.002291	-0.0013	0.003208
8.282528	0.002443	0.003512	0.000534	0.004312
8.284891	0.001222	0.002291	0.001145	0.002838
8.287254	0.002443	0.002902	0.000534	0.003831
8.289617	0.000611	0.004123	0.000534	0.004202
8.291979	-0.00061	0.004123	0.000534	0.004202
8.294342	0.000611	0.00168	0.001756	0.002506
8.296705	0	0.002902	-0.00069	0.002982
8.299068	0	0.004123	-7.6E-05	0.004124
8.301431	0.001222	0.003512	0.002367	0.004408
8.303793	-0.00061	0.002291	-0.0013	0.002703
8.306156	0.003054	0.003512	0.000534	0.004685
8.308519	0.001222	0.002902	0.002367	0.003939
8.310882	0.001222	0.003512	0.000534	0.003757
8.313245	0	0.003512	0.000534	0.003553
8.315607	0.001222	0.002902	0.000534	0.003193
8.31797	0.001222	0.002902	-7.6E-05	0.003149
8.320333	0.000611	0.004123	-0.00069	0.004224
8.322696	0	0.002902	-0.00069	0.002982
8.325059	-0.00061	0.003512	-7.6E-05	0.003566
8.327421	0.000611	0.003512	0.000534	0.003605
8.329784	-0.00061	0.004123	0.001756	0.004523
8.332147	-0.00122	0.003512	-0.0013	0.003939
8.33451	0.000611	0.004123	-7.6E-05	0.004169
8.336873	0.000611	0.002902	0.001756	0.003446
8.339235	0.000611	0.003512	-0.00191	0.004044
8.341598	0	0.004734	-0.00191	0.005104
8.343961	0.000611	0.005345	0.000534	0.005406
8.346324	0.000611	0.005345	-0.0013	0.005534
8.348687	0	0.004123	-0.00069	0.00418
8.351049	-0.00061	0.003512	-0.0013	0.003794
8.353412	-0.00061	0.002902	0.001756	0.003446
8.355775	0.000611	0.001069	0.001145	0.001682
8.358138	0	0.001069	0.001756	0.002056
8.360501	-0.00061	0.002902	-0.00069	0.003044
8.362863	-0.00122	0.003512	0.001145	0.003891
8.365226	-0.00183	0.005345	0.002367	0.006126
8.367589	-0.00122	0.004123	0.000534	0.004333

8.369952	-0.00122	0.002291	-0.00069	0.002686
8.372315	-0.00061	0.002902	-7.6E-05	0.002966
8.374677	-0.00122	-0.00015	0.000534	0.001342
8.37704	-0.00061	0.00168	-0.00069	0.001915
8.379403	0.000611	-0.00015	-0.00069	0.000932
8.381766	0.000611	-0.00137	0.001145	0.00189
8.384129	-0.00061	-0.00137	-7.6E-05	0.001506
8.386491	0	0.00168	-0.0013	0.002123
8.388854	-0.00122	0.001069	-0.00252	0.002997
8.391217	-0.00122	0.001069	-7.6E-05	0.001625
8.39358	-0.00305	0.002291	0.001145	0.003986
8.395943	-0.00305	0.002291	-7.6E-05	0.003819
8.398305	-0.00122	0.000458	-7.6E-05	0.001307
8.400668	-0.00061	0.002291	0.000534	0.00243
8.403031	-0.00183	0.004734	-0.00069	0.005123
8.405394	-0.00122	0.003512	-7.6E-05	0.00372
8.407757	-0.00061	0.002902	-0.00069	0.003044
8.410119	-0.00122	0.005345	-0.00069	0.005526
8.412482	-0.00122	0.004734	-7.6E-05	0.00489
8.414845	-0.00061	0.004123	-0.00191	0.004585
8.417208	0.000611	0.005345	-0.0013	0.005534
8.419571	0	0.005345	-7.6E-05	0.005345
8.421933	0.000611	0.004734	-0.00069	0.004823
8.424296	0.000611	0.003512	-7.6E-05	0.003566
8.426659	-0.00122	0.006567	-7.6E-05	0.00668
8.429022	-0.0055	0.004123	0.000534	0.006893
8.431385	0	0.006567	-7.6E-05	0.006567
8.433747	0.001222	0.004123	0.001756	0.004645
8.43611	0.000611	0.004123	0.000534	0.004202
8.438473	0.001222	0.006567	-7.6E-05	0.00668
8.440836	0.001833	0.007788	0.002367	0.008344
8.443199	0.001833	0.005956	0.001756	0.006474
8.445561	0.003665	0.005345	-7.6E-05	0.006481
8.447924	0.001222	0.004734	-7.6E-05	0.00489
8.450287	0.001222	0.005345	-7.6E-05	0.005483
8.45265	0.001833	0.004123	0.000534	0.004544
8.455013	0.001222	0.004734	-0.00069	0.004937
8.457375	0.001222	0.005345	-0.00069	0.005526
8.459738	0.000611	0.004123	0.000534	0.004202
8.462101	0.001833	0.004123	0.001145	0.004655
8.464464	0.001833	0.005956	-0.00191	0.006517
8.466827	0.001833	0.005345	-7.6E-05	0.005651
8.469189	0.002443	0.002902	-7.6E-05	0.003794
8.471552	0.001222	0.00168	-0.00069	0.002188
8.473915	0.001833	0.005345	-0.00191	0.005964
8.476278	0.000611	0.005956	0.000534	0.006011
8.478641	0	0.004734	0.000534	0.004764
8.481003	-0.00061	0.002902	0.001756	0.003446
8.483366	0	0.003512	0.001756	0.003927
8.485729	0.001222	0.002902	-0.00069	0.003222
8.488092	0.000611	0.004123	-7.6E-05	0.004169
8.490455	0	0.004123	-0.0013	0.004323

8.492817	-0.00061	0.004123	0.001145	0.004323
8.49518	0	0.003512	-0.00069	0.003579
8.497543	-0.00183	0.003512	0.000534	0.003998
8.499906	-0.00122	0.005345	0.000534	0.005509
8.502269	-0.00061	0.003512	-0.00191	0.004044
8.504631	0	0.004734	0.001145	0.004871
8.506994	-0.00122	0.004734	0.000534	0.004918
8.509357	-0.00061	0.004123	-7.6E-05	0.004169
8.51172	0.001833	0.003512	0.000534	0.003998
8.514083	0.001833	0.004734	-0.0013	0.00524
8.516445	0.000611	0.003512	0.000534	0.003605
8.518808	-0.00061	0.004734	0.000534	0.004803
8.521171	0	0.005345	-7.6E-05	0.005345
8.523534	0	0.005345	-0.00252	0.005909
8.525897	-0.00122	0.006567	-0.00069	0.006715
8.528259	-0.00061	0.005956	0.000534	0.006011
8.530622	-0.00122	0.005345	0.000534	0.005509
8.532985	0	0.006567	-0.0013	0.006694
8.535348	0.000611	0.006567	-7.6E-05	0.006595
8.537711	0.000611	0.004734	0.001756	0.005086
8.540073	-0.00061	0.005956	0.000534	0.006011
8.542436	0	0.005956	-0.00069	0.005995
8.544799	-0.00122	0.004734	-0.0013	0.005059
8.547162	-0.00061	0.005956	-0.00069	0.006026
8.549525	0.000611	0.005345	0.000534	0.005406
8.551887	0.001222	0.006567	-0.00069	0.006715
8.55425	-0.00122	0.007177	0.000534	0.0073
8.556613	0	0.008399	-7.6E-05	0.008399
8.558976	0.001222	0.007788	-0.00191	0.008111
8.561339	0.000611	0.007177	-0.00191	0.007452
8.563701	0	0.005345	-0.0013	0.0055
8.566064	0.000611	0.006567	0.000534	0.006617
8.568427	-0.00061	0.007788	0.001756	0.008007
8.57079	0.000611	0.007788	0.001145	0.007896
8.573153	0	0.006567	0.000534	0.006588
8.575515	-0.00122	0.005956	-7.6E-05	0.00608
8.577878	0	0.005345	-0.0013	0.0055
8.580241	0.000611	0.005956	0.000534	0.006011
8.582604	0	0.003512	0.000534	0.003553
8.584967	0.000611	0.005345	0.000534	0.005406
8.587329	-0.00061	0.006567	0.000534	0.006617
8.589692	-0.00183	0.005345	0.001145	0.005765
8.592055	-0.00244	0.005956	-7.6E-05	0.006438
8.594418	-0.00061	0.004734	-7.6E-05	0.004774
8.596781	-0.00183	0.003512	-7.6E-05	0.003962
8.599143	0.000611	0.004734	0.000534	0.004803
8.601506	-0.00183	0.003512	-7.6E-05	0.003962
8.603869	0	0.001069	-7.6E-05	0.001072
8.606232	0.001222	0.003512	0.000534	0.003757
8.608595	-0.00061	0.002291	0.000534	0.00243
8.610957	-0.00122	0.000458	-7.6E-05	0.001307
8.61332	0.000611	0.001069	0.002978	0.003222

8.615683	0.001222	0.001069	0.001756	0.002392
8.618046	0	-0.00076	0.003589	0.003669
8.620409	0	-0.00015	0.001145	0.001155
8.622771	0.000611	0.000458	-0.00191	0.002056
8.625134	0.002443	-0.00015	0.001145	0.002703
8.627497	0.000611	-0.00137	0.000534	0.001596
8.62986	-0.00122	-0.00076	0.002367	0.002771
8.632223	0.000611	-0.00137	0.002367	0.002804
8.634585	0	-0.00137	0.000534	0.001475
8.636948	0	-0.00076	0.000534	0.000932
8.639311	-0.00122	-0.00137	0.001145	0.002166
8.641674	0	-0.00076	0.001756	0.001915
8.644037	-0.00061	-0.00015	0.000534	0.000826
8.646399	-0.00061	-0.00137	0.000534	0.001596
8.648762	-0.00122	-0.00015	-7.6E-05	0.001234
8.651125	-0.00061	-0.00076	0.001145	0.001506
8.653488	-0.00061	-0.00137	0.001145	0.00189
8.655851	-0.00061	-0.00076	-7.6E-05	0.000981
8.658213	0	-0.00199	-7.6E-05	0.001987
8.660576	-0.00183	-0.00443	-0.00069	0.004842
8.662939	-0.00061	-0.00565	0.000534	0.005708
8.665302	-0.00061	-0.00382	0.000534	0.003903
8.667665	-0.00183	-0.00321	-7.6E-05	0.003694
8.670027	0	-0.00321	-0.0013	0.00346
8.67239	-0.00183	-0.0026	-0.00069	0.003251
8.674753	-0.00183	-0.00382	-0.0013	0.004429
8.677116	0	-0.00382	-0.00252	0.004574
8.679479	0	-0.00626	-0.00252	0.006749
8.681841	0.000611	-0.00565	-0.00252	0.006217
8.684204	0	-0.00443	-7.6E-05	0.004429
8.686567	0.000611	-0.00626	-0.00252	0.006777
8.68893	-0.00061	-0.00626	-0.00252	0.006777
8.691293	0	-0.0087	-0.00252	0.009062
8.693655	-0.00244	-0.0087	-0.00435	0.010034
8.696018	-0.00061	-0.0087	-0.00313	0.009271
8.698381	0.001222	-0.00626	-0.00313	0.007106
8.700744	0.001833	-0.00687	-0.00313	0.007771
8.703107	0.001222	-0.00748	-0.00435	0.008742
8.705469	0.001222	-0.00932	-0.00618	0.011248
8.707832	0.001222	-0.01054	-0.00618	0.012279
8.710195	-0.00061	-0.00993	-0.0068	0.012045
8.712558	0.000611	-0.00809	-0.00741	0.010988
8.714921	0.003054	-0.00626	-0.00863	0.011089
8.717283	0.002443	-0.00504	-0.00802	0.00978
8.719646	0.000611	-0.0087	-0.00741	0.011445
8.722009	-0.00061	-0.01115	-0.0068	0.01307
8.724372	-0.00183	-0.01298	-0.00924	0.016038
8.726735	-0.00061	-0.01359	-0.00802	0.015792
8.729097	-0.00061	-0.01665	-0.00985	0.019351
8.73146	-0.00061	-0.01542	-0.01229	0.019733
8.733823	-0.00122	-0.01542	-0.01413	0.020951
8.736186	-0.00183	-0.01787	-0.01596	0.024026

8.738549	-0.00367	-0.01848	-0.02023	0.027646
8.740911	-0.00428	-0.01909	-0.02207	0.029489
8.743274	-0.00489	-0.01665	-0.02634	0.031542
8.745637	-0.00611	-0.01665	-0.02879	0.033809
8.748	-0.00672	-0.01848	-0.03184	0.037422
8.750363	-0.00916	-0.0197	-0.03489	0.041106
8.752725	-0.00977	-0.02398	-0.03612	0.044438
8.755088	-0.01222	-0.02459	-0.03978	0.048335
8.757451	-0.01466	-0.01909	-0.04161	0.048073
8.759814	-0.02016	-0.01359	-0.04589	0.051932
8.762177	-0.02749	-0.01237	-0.04772	0.056445
8.764539	-0.0336	-0.01176	-0.05261	0.06352
8.766902	-0.04215	-0.00932	-0.05505	0.069958
8.769265	-0.0452	-0.01054	-0.0575	0.073893
8.771628	-0.05192	-0.0142	-0.05872	0.079658
8.773991	-0.05742	-0.02398	-0.0746	0.097144
8.776353	-0.07208	-0.03619	-0.1082	0.134951
8.778716	-0.0788	-0.03558	-0.11797	0.146261
8.781079	-0.08124	-0.03741	-0.11369	0.14466
8.783442	-0.09468	-0.0594	-0.11247	0.158567
8.785805	-0.11667	-0.09789	-0.11125	0.188603
8.788167	-0.14905	-0.14431	-0.10331	0.231763
8.79053	-0.18936	-0.18829	-0.09048	0.281957
8.792893	-0.2364	-0.24755	-0.07338	0.350067
8.795256	-0.29076	-0.33551	-0.05444	0.447295
8.797619	-0.35063	-0.44913	-0.03184	0.570672
8.799981	-0.42271	-0.56519	-0.0129	0.705892
8.802344	-0.51556	-0.64582	-0.00313	0.82637
8.804707	-0.62673	-0.73073	-0.0184	0.962855
8.80707	-0.75379	-0.84373	-0.052	1.132599
8.809433	-0.90039	-0.98789	-0.05444	1.337758
8.811795	-1.0476	-1.14855	-0.04711	1.555265
8.814158	-1.16855	-1.28232	-0.07216	1.736394
8.816521	-1.28224	-1.36234	-0.11614	1.874464
8.818884	-1.40503	-1.41617	-0.1479	2.000379
8.821247	-1.54002	-1.47604	-0.16867	2.139813
8.823609	-1.69273	-1.58721	-0.18211	2.327606
8.825972	-1.85705	-1.76741	-0.18394	2.570256
8.828335	-2.0232	-1.80101	-0.17905	2.714596
8.830698	-2.21195	-1.71121	-0.16806	2.801648
8.833061	-2.4117	-1.60554	-0.18516	2.903159
8.835423	-2.61267	-1.52979	-0.23159	3.036435
8.837786	-2.78676	-1.45466	-0.28595	3.156554
8.840149	-2.90343	-1.33058	-0.33116	3.210923
8.842512	-2.94741	-1.17237	-0.36536	3.192991
8.844875	-2.91199	-1.02454	-0.39285	3.111861
8.847237	-2.79409	-0.91276	-0.42889	2.970526
8.8496	-2.62122	-0.88894	-0.46066	2.805925
8.851963	-2.40865	-0.94697	-0.4967	2.635343
8.854326	-2.18752	-1.03981	-0.53945	2.481425
8.856689	-1.96334	-1.10395	-0.57672	2.325084
8.859051	-1.72877	-1.08685	-0.59932	2.128164

8.861414	-1.49421	-0.98911	-0.61337	1.893997
8.863777	-1.27308	-0.84373	-0.61337	1.645856
8.86614	-1.07143	-0.69652	-0.60665	1.414607
8.868503	-0.89	-0.55725	-0.6152	1.217005
8.870865	-0.72202	-0.45829	-0.61031	1.050631
8.873228	-0.55526	-0.42347	-0.58771	0.912713
8.875591	-0.383	-0.42225	-0.559	0.798415
8.877954	-0.18753	-0.42164	-0.52724	0.70066
8.880317	0.031764	-0.41003	-0.50891	0.654313
8.882679	0.274881	-0.38926	-0.50708	0.695855
8.885042	0.544876	-0.38499	-0.50341	0.835781
8.887405	0.834417	-0.41309	-0.50586	1.059615
8.889768	1.138619	-0.47967	-0.5083	1.336003
8.892131	1.449006	-0.56458	-0.51502	1.638173
8.894493	1.76176	-0.64154	-0.52479	1.946993
8.896856	2.059853	-0.70141	-0.54068	2.242163
8.899219	2.337178	-0.74111	-0.56206	2.515463
8.901582	2.587625	-0.76371	-0.58221	2.760078
8.903945	2.805698	-0.76982	-0.60176	2.970973
8.906307	2.991395	-0.76493	-0.62131	3.149539
8.90867	3.144718	-0.75149	-0.63352	3.294746
8.911033	3.26872	-0.73073	-0.64147	3.410274
8.913396	3.366456	-0.69774	-0.64452	3.497895
8.915759	3.443422	-0.64704	-0.64391	3.562364
8.918121	3.499009	-0.58168	-0.64086	3.604457
8.920484	3.535049	-0.51021	-0.63536	3.62775
8.922847	3.550321	-0.43752	-0.63108	3.632418
8.92521	3.541769	-0.33795	-0.62864	3.612966
8.927573	3.517335	-0.21212	-0.61948	3.577763
8.929935	3.474576	-0.0875	-0.61153	3.529066
8.932298	3.411658	0.025503	-0.60115	3.46431
8.934661	3.335913	0.128736	-0.58893	3.389946
8.937024	3.257114	0.227693	-0.57183	3.314759
8.939387	3.175871	0.337646	-0.54678	3.240237
8.941749	3.097072	0.450042	-0.5193	3.17239
8.944112	3.019494	0.55694	-0.48509	3.108511
8.946475	2.940695	0.651621	-0.4521	3.045767
8.948838	2.867393	0.728588	-0.42339	2.988653
8.951201	2.796535	0.792116	-0.39407	2.933147
8.953563	2.727509	0.856255	-0.36781	2.882319
8.955926	2.66276	0.927724	-0.34215	2.840427
8.958289	2.599231	1.005302	-0.31527	2.804645
8.960652	2.534482	1.085934	-0.29084	2.772623
8.963015	2.46851	1.165955	-0.27007	2.743343
8.965377	2.406815	1.243532	-0.25724	2.721269
8.96774	2.346951	1.311413	-0.24991	2.700082
8.970103	2.294419	1.369443	-0.24319	2.683072
8.972466	2.25227	1.415868	-0.23586	2.670774
8.974829	2.22295	1.459238	-0.2322	2.669231
8.977191	2.2089	1.495278	-0.22426	2.676824
8.979554	2.214398	1.511771	-0.21693	2.689993
8.981917	2.232723	1.496499	-0.20593	2.695732

8.98428	2.272428	1.42503	-0.19433	2.689313
8.986643	2.33901	1.291866	-0.18394	2.67838
8.989005	2.434914	1.091431	-0.17111	2.673819
8.991368	2.562581	0.823269	-0.15462	2.696015
8.993731	2.719568	0.533728	-0.13996	2.774979
8.996094	2.904044	0.312601	-0.13874	2.924114
8.998457	3.117841	0.204481	-0.15951	3.128608
9.000819	3.365234	0.208146	-0.19249	3.377155
9.003182	3.645613	0.308936	-0.2322	3.66604
9.005545	3.927213	0.433549	-0.27374	3.960543
9.007908	4.180791	0.519067	-0.31222	4.224444
9.010271	4.392756	0.541669	-0.34215	4.439231
9.012633	4.550354	0.50624	-0.36903	4.593276
9.014996	4.616936	0.351695	-0.36353	4.644561
9.017359	4.535694	0.014508	-0.2884	4.544876
9.019722	4.400085	-0.49555	-0.25908	4.435475
9.022085	4.348164	-0.96346	-0.25969	4.46119
9.024447	4.268754	-1.2078	-0.26763	4.444396
9.02681	4.108635	-1.07036	-0.29267	4.255843
9.029173	3.91011	-0.49555	-0.29756	3.952603
9.031536	3.698146	0.084144	-0.27251	3.709127
9.033899	3.442201	0.368188	-0.22792	3.469331
9.036261	3.099515	0.398731	-0.20349	3.131675
9.038624	2.693302	0.28328	-0.19921	2.715476
9.040987	2.26632	0.053602	-0.18516	2.274503
9.04335	1.851554	-0.18402	-0.16623	1.868087
9.045713	1.47344	-0.23838	-0.15645	1.500776
9.048075	1.130067	-0.08384	-0.15401	1.143591
9.050438	0.829531	0.132401	-0.16317	0.855731
9.052801	0.557093	0.26862	-0.17539	0.642861
9.055164	0.302369	0.288167	-0.19799	0.462242
9.057527	0.062306	0.219141	-0.22181	0.317972
9.059889	-0.1521	0.111021	-0.23586	0.301815
9.062252	-0.33841	0.029168	-0.23953	0.415627
9.064615	-0.48623	0.016951	-0.24197	0.54338
9.066978	-0.60657	0.065208	-0.25175	0.659967
9.069341	-0.70125	0.129958	-0.26641	0.761325
9.071703	-0.78372	0.170885	-0.28473	0.851167
9.074066	-0.86496	0.170274	-0.30245	0.931999
9.076429	-0.94315	0.129958	-0.31405	1.00252
9.078792	-1.01828	0.064597	-0.32199	1.06993
9.081155	-1.08486	-0.00015	-0.32871	1.133571
9.083517	-1.14778	-0.03925	-0.32688	1.194066
9.08588	-1.20703	-0.04597	-0.31833	1.249151
9.088243	-1.26758	-0.03192	-0.30367	1.303842
9.090606	-1.33172	-0.02153	-0.28412	1.361865
9.092969	-1.40441	-0.02581	-0.26396	1.429238
9.095331	-1.48382	-0.03986	-0.24197	1.503953
9.097694	-1.57056	-0.06185	-0.21754	1.586764
9.100057	-1.65731	-0.10216	-0.18272	1.670474
9.10242	-1.75932	-0.16997	-0.14363	1.773334
9.104783	-1.87171	-0.24694	-0.11186	1.891242

9.107145	-1.99694	-0.29519	-0.09293	2.020774
9.109508	-2.12399	-0.30619	-0.08193	2.147512
9.111871	-2.24677	-0.27442	-0.08498	2.265064
9.114234	-2.36894	-0.20723	-0.09354	2.379828
9.116597	-2.48378	-0.12293	-0.10514	2.489043
9.118959	-2.60229	-0.04047	-0.1198	2.605356
9.121322	-2.71529	0.02367	-0.13141	2.718573
9.123685	-2.82524	0.060321	-0.13874	2.829292
9.126048	-2.9297	0.059099	-0.14118	2.933695
9.128411	-3.02988	0.024281	-0.1363	3.03304
9.130773	-3.12089	-0.03436	-0.13263	3.123901
9.133136	-3.20092	-0.08078	-0.12713	3.204458
9.135499	-3.29071	0.245408	-0.11369	3.301807
9.137862	-3.20336	0.910621	-0.03367	3.330447
9.140225	-2.89794	1.285146	0.070171	3.170892
9.142587	-2.46118	1.012021	0.101935	2.663078
9.14495	-1.96639	0.364523	0.085442	2.00172
9.147313	-1.49848	-0.1773	0.073225	1.510713
9.149676	-1.08914	-0.42103	0.078723	1.170337
9.152039	-0.68537	-0.54869	0.092162	0.882775
9.154401	-0.31825	-0.62749	0.109265	0.712018
9.156764	-0.05437	-0.64276	0.122093	0.656512
9.159127	0.084908	-0.59817	0.130034	0.618003
9.16149	0.111785	-0.5151	0.131867	0.543332
9.163853	0.0507	-0.41553	0.133088	0.439258
9.166215	-0.06903	-0.29397	0.133699	0.33024
9.168578	-0.22785	-0.15348	0.133088	0.305256
9.170941	-0.39949	-0.00687	0.132477	0.420943
9.173304	-0.56564	0.135455	0.133699	0.596806
9.175667	-0.72446	0.257625	0.140419	0.781625
9.178029	-0.86068	0.335202	0.15569	0.936684
9.180392	-0.96392	0.366356	0.180124	1.046803
9.182755	-1.02683	0.366966	0.202114	1.10901
9.185118	-1.04272	0.366356	0.224105	1.127695
9.187481	-1.01217	0.381627	0.243041	1.108695
9.189844	-0.94987	0.407282	0.25709	1.064999
9.192206	-0.85824	0.415223	0.269918	0.99088
9.194569	-0.75745	0.385903	0.276637	0.893969
9.196932	-0.65177	0.330927	0.277859	0.782002
9.199295	-0.55116	0.269231	0.277248	0.673505
9.201658	-0.46363	0.222196	0.272362	0.581814
9.20402	-0.39461	0.195929	0.266864	0.515092
9.206383	-0.35246	0.192875	0.257701	0.477324
9.208746	-0.33658	0.19654	0.250371	0.463247
9.211109	-0.35063	0.2112	0.24243	0.475728
9.213472	-0.39094	0.233191	0.236932	0.513177
9.215834	-0.45447	0.257014	0.238765	0.574115
9.218197	-0.53266	0.279004	0.244263	0.649025
9.22056	-0.62062	0.300995	0.249149	0.733378
9.222923	-0.71469	0.321153	0.253425	0.823497
9.225286	-0.80632	0.334592	0.257701	0.910226
9.227648	-0.89245	0.346198	0.26381	0.992931

9.230011	-0.97613	0.349252	0.269918	1.071294
9.232374	-1.0476	0.343143	0.27847	1.136998
9.234737	-1.10563	0.329094	0.2858	1.188449
9.2371	-1.15328	0.318099	0.294963	1.23217
9.239462	-1.18871	0.302217	0.301682	1.263082
9.241825	-1.2107	0.286945	0.305958	1.281304
9.244188	-1.22353	0.271063	0.307791	1.290438
9.246551	-1.22658	0.252127	0.305958	1.289062
9.248914	-1.22169	0.230748	0.304736	1.280096
9.251276	-1.21131	0.2112	0.303515	1.266491
9.253639	-1.19421	0.194708	0.298628	1.246282
9.256002	-1.17344	0.180658	0.294352	1.223207
9.258365	-1.14961	0.163554	0.290076	1.196874
9.260728	-1.12335	0.145229	0.287022	1.168496
9.26309	-1.09586	0.12446	0.282746	1.138571
9.265453	-1.06898	0.105524	0.282135	1.110612
9.267816	-1.04027	0.089031	0.283357	1.081843
9.270179	-1.01217	0.077425	0.283968	1.054101
9.272542	-0.98469	0.064597	0.287633	1.027867
9.274904	-0.95903	0.052991	0.288854	1.002987
9.277267	-0.93704	0.040774	0.294963	0.983214
9.27963	-0.91933	0.029168	0.30046	0.967619
9.281993	-0.90772	0.019394	0.304736	0.957703
9.284356	-0.89917	0.013286	0.312067	0.951874
9.286718	-0.90039	0.010843	0.318175	0.955015
9.289081	-0.91077	0.018784	0.324284	0.966965
9.291444	-0.92604	0.028557	0.331003	0.983838
9.293807	-0.95414	0.037109	0.3365	1.012422
9.29617	-0.99079	0.042607	0.342609	1.049223
9.298532	-1.03111	0.049326	0.345663	1.088625
9.300895	-1.07876	0.056045	0.348107	1.134916
9.303258	-1.12762	0.065208	0.348717	1.182113
9.305621	-1.17527	0.079257	0.346885	1.227954
9.307984	-1.22231	0.089642	0.343831	1.272904
9.310346	-1.27003	0.10247	0.337722	1.318153
9.312709	-1.31523	0.114687	0.333446	1.361679
9.315072	-1.35677	0.122628	0.326727	1.400931
9.317435	-1.39708	0.123238	0.318175	1.438147
9.319798	-1.43312	0.115908	0.310845	1.471021
9.32216	-1.46	0.097583	0.302293	1.494158
9.324523	-1.48566	0.077425	0.29313	1.516277
9.326886	-1.5107	0.053602	0.287633	1.538774
9.329249	-1.51437	0.035887	0.279692	1.540397
9.331612	-1.51803	0.015729	0.270529	1.542029
9.333974	-1.51681	-0.00748	0.265642	1.539914
9.336337	-1.50765	-0.03741	0.261366	1.530592
9.3387	-1.49421	-0.07345	0.260755	1.518568
9.341063	-1.47405	-0.10827	0.260145	1.500741
9.343426	-1.45389	-0.13943	0.261977	1.483872
9.345788	-1.43129	-0.16569	0.261366	1.464364
9.348151	-1.40686	-0.18952	0.260145	1.443205
9.350514	-1.38242	-0.21151	0.259534	1.422388

9.352877	-1.36165	-0.23533	0.261366	1.406341
9.35524	-1.33966	-0.25793	0.261977	1.389194
9.357602	-1.31462	-0.27626	0.260755	1.368406
9.359965	-1.28896	-0.28847	0.259534	1.346106
9.362328	-1.26331	-0.3013	0.249149	1.322424
9.364691	-1.23338	-0.31107	0.219829	1.290856
9.367054	-1.21253	-0.33917	0.203947	1.275487
9.369416	-1.18932	-0.36727	0.190508	1.259231
9.371779	-1.16	-0.37582	0.182567	1.232952
9.374142	-1.12885	-0.37949	0.181956	1.204746
9.376505	-1.09769	-0.38987	0.181956	1.178999
9.378868	-1.07143	-0.42103	0.181956	1.165472
9.38123	-1.04821	-0.46073	0.181345	1.159272
9.383593	-1.03661	-0.49983	0.1844	1.165498
9.385956	-1.02928	-0.52487	0.188065	1.170585
9.388319	-1.03294	-0.53037	0.189286	1.176474
9.390682	-1.04577	-0.51998	0.194173	1.183944
9.393044	-1.07082	-0.49799	0.197838	1.197407
9.395407	-1.1093	-0.46806	0.202725	1.220951
9.39777	-1.15817	-0.43447	0.207612	1.254277
9.400133	-1.20642	-0.39354	0.209444	1.286156
9.402496	-1.26025	-0.34589	0.211277	1.323828
9.404858	-1.3079	-0.29092	0.209444	1.356135
9.407221	-1.35066	-0.23777	0.208833	1.387238
9.409584	-1.38548	-0.18768	0.203336	1.412841
9.411947	-1.4093	-0.14553	0.196616	1.430373
9.41431	-1.42152	-0.10644	0.194784	1.438744
9.416672	-1.42213	-0.07223	0.192951	1.436975
9.419035	-1.40747	-0.04291	0.19173	1.421115
9.421398	-1.38487	-0.01603	0.188065	1.39767
9.423761	-1.35494	0.010843	0.181345	1.36706
9.426124	-1.31401	0.034666	0.174015	1.325934
9.428486	-1.2682	0.057878	0.169739	1.280812
9.430849	-1.21742	0.079868	0.163631	1.23096
9.433212	-1.16061	0.100637	0.156301	1.175403
9.435575	-1.10197	0.121406	0.14897	1.1186
9.437938	-1.00912	0.176993	0.141029	1.034185
9.4403	-0.8729	0.261901	0.125147	0.919896
9.442663	-0.62245	0.387124	0.1056	0.740584
9.445026	0.744012	1.808032	-0.06727	1.956287
9.447389	2.615724	3.735255	-0.44416	4.581639
9.449752	3.627287	3.423112	-0.56511	5.019388
9.452114	3.467245	1.228261	-0.47165	3.708486
9.454477	2.894881	-1.11006	-0.31344	3.116219
9.45684	2.478284	-2.65436	-0.15279	3.634675
9.459203	2.479505	-2.77897	-0.0575	3.724775
9.461566	2.657262	-1.98243	-0.07949	3.31623
9.463928	2.516156	-1.03554	-0.19921	2.728199
9.466291	1.888205	0.583817	-0.26641	1.994275
9.468654	1.316987	1.680975	-0.13691	2.139831
9.471017	0.811205	1.602787	0.002367	1.796381
9.47338	0.409268	1.214212	0.092772	1.284685

9.475742	0.076356	1.248419	0.111098	1.255676
9.478105	-0.0507	1.729843	0.070171	1.732008
9.480468	-0.0055	1.891107	0.045737	1.891668
9.482831	0.019547	1.475731	0.059176	1.477046
9.485194	-0.02016	0.833654	0.121482	0.8427
9.487556	-0.05009	0.186156	0.195395	0.274485
9.489919	-0.03421	-0.093	0.213109	0.235021
9.492282	0.015882	0.05971	0.203947	0.2131
9.494645	0.080021	0.349863	0.196616	0.409225
9.497008	0.141106	0.505629	0.19173	0.558866
9.49937	0.224181	0.459204	0.180124	0.541821
9.501733	0.31031	0.270453	0.153246	0.439228
9.504096	0.403159	0.054213	0.118428	0.423676
9.506459	0.481348	-0.16081	0.086053	0.514742
9.508822	0.534491	-0.33429	0.059787	0.633248
9.511184	0.565645	-0.41186	0.03352	0.700506
9.513547	0.565034	-0.38254	0.016417	0.682548
9.51591	0.528994	-0.28603	0.005421	0.601395
9.518273	0.462411	-0.22372	0.019471	0.514058
9.520636	0.412933	-0.13637	0.043905	0.437079
9.522999	0.350015	0.023059	0.034742	0.352491
9.525361	0.244339	0.105524	0.006643	0.266235
9.527724	0.150268	0.038331	-0.00863	0.15532
9.530087	0.089795	-0.07345	-0.00863	0.116332
9.53245	0.038483	-0.11499	-0.00496	0.121362
9.534813	-0.00183	-0.03986	0.000534	0.039903
9.537175	-0.03299	0.106135	0.001145	0.111148
9.539538	-0.06047	0.228304	-0.00435	0.236218
9.541901	-0.08552	0.254571	-0.00741	0.268653
9.544264	-0.10995	0.213033	-0.00252	0.239748
9.546627	-0.13622	0.172717	0.001145	0.219973
9.548989	-0.1692	0.173328	0.002367	0.242236
9.551352	-0.20097	0.202038	0.003589	0.284992
9.553715	-0.23273	0.219752	0.006032	0.320144
9.556078	-0.26083	0.201427	0.012141	0.329778
9.558441	-0.27977	0.163554	0.014584	0.324396
9.560803	-0.29443	0.109189	0.012751	0.314282
9.563166	-0.30115	0.049326	0.003589	0.305182
9.565529	-0.29993	-0.00809	-0.01046	0.300218
9.567892	-0.28099	-0.05818	-0.02512	0.288048
9.570255	-0.13255	0.042607	-0.05322	0.149058
9.572617	0.437977	0.669336	-0.14973	0.813791
9.57498	1.187487	1.22765	-0.29939	1.734038
9.577343	1.605383	0.89596	-0.34032	1.86971
9.579706	1.551628	-0.23227	-0.25052	1.588793
9.582069	1.298661	-1.38067	-0.13507	1.900265
9.584431	1.090362	-1.75275	-0.08559	2.065998
9.586794	0.854575	-0.7912	-0.11125	1.169903
9.589157	0.58397	0.394455	-0.09109	0.710572
9.59152	0.263275	0.873359	-0.04894	0.913491
9.593883	-0.0678	0.733475	-0.02146	0.736915
9.596245	-0.35673	0.538004	-0.01474	0.645697

9.598608	-0.5516	0.525176	-0.01413	0.761752
9.600971	-0.54488	0.621079	-0.01474	0.826345
9.603334	-0.32008	0.599699	-0.01535	0.679947
9.605697	-0.03299	0.341922	-0.01046	0.343668
9.608059	0.162485	-0.06368	-0.00802	0.174703
9.610422	0.24495	-0.44546	-0.00069	0.508366
9.612785	0.255334	-0.6	-0.01474	0.652241
9.615148	0.243728	-0.47784	-0.04589	0.538364
9.617511	0.21624	-0.22006	-0.0575	0.313833
9.619873	0.147825	-0.01359	-0.03734	0.153072
9.622236	0.05803	0.091474	-0.01962	0.110092
9.624599	-0.02871	0.125071	-0.01962	0.129816
9.626962	-0.0733	0.132401	-0.02329	0.153119
9.629325	-0.05864	0.115908	-0.02085	0.13156
9.631687	0.006108	0.049937	-0.00741	0.050851
9.63405	0.089795	-0.04963	0.006032	0.102775
9.636413	0.163096	-0.13087	0.023747	0.210457
9.638776	0.218683	-0.15958	0.032299	0.27264
9.641139	0.255945	-0.1321	0.027412	0.289324
9.643501	0.272438	-0.06429	0.012751	0.280211
9.645864	0.269384	0.012675	-0.00618	0.269753
9.648227	0.247393	0.084144	-0.0184	0.261958
9.65059	0.215629	0.148283	-0.02695	0.263079
9.652953	0.188141	0.195318	-0.03367	0.273277
9.655315	0.17287	0.195318	-0.03795	0.263578
9.657678	0.175924	0.142786	-0.04039	0.230149
9.660041	0.183254	0.063375	-0.03856	0.1977
9.662404	0.184476	0.000458	-0.03123	0.187101
9.664767	0.163096	-0.00565	-0.02329	0.164847
9.667129	0.125835	0.012064	-0.01657	0.127493
9.669492	0.08674	0.024892	-0.01351	0.091248
9.671855	0.043981	0.019394	-0.01046	0.049192
9.674218	0.025045	0.029779	-0.01046	0.040292
9.676581	0.015271	0.05238	-0.01351	0.05621
9.678943	0.021991	0.079257	-0.0129	0.083258
9.681306	0.03604	0.098194	-0.01107	0.105183
9.683669	0.045203	0.111021	-0.00985	0.120275
9.686032	0.04337	0.111021	-0.00802	0.119461
9.688395	0.031764	0.098194	-0.00863	0.103564
9.690757	0.021991	0.070095	-0.00924	0.074042
9.69312	0.009163	0.035276	-0.00496	0.036783
9.695483	0.001222	0.004123	-0.00618	0.007533
9.697846	0.000611	-0.0142	-0.00435	0.014867
9.700209	0.002443	-0.02703	-0.00435	0.027487
9.702571	0.007941	-0.03375	-0.00496	0.035024
9.704934	0.013439	-0.02947	-0.00374	0.032608
9.707297	0.017715	-0.01603	-0.00374	0.024185
9.70966	0.018936	0.005345	-0.00496	0.020292
9.712023	0.017104	0.029168	-0.00557	0.034269
9.714385	0.012217	0.049937	-0.00374	0.051545
9.716748	0.009163	0.061543	-0.00374	0.062334
9.719111	0.00733	0.069484	-0.00313	0.06994

9.721474	0.010384	0.078647	-0.00496	0.079484
9.723837	0.013439	0.081701	-0.00496	0.082947
9.726199	0.016493	0.081701	-0.0068	0.083625
9.728562	0.020769	0.083533	-0.01107	0.086786
9.730925	0.021991	0.086588	-0.01351	0.090353
9.733288	0.020769	0.087809	-0.01596	0.091632
9.735651	0.018936	0.096972	-0.0184	0.100503
9.738014	0.017715	0.105524	-0.01962	0.108785
9.740376	0.017104	0.113465	-0.02085	0.116625
9.742739	0.020769	0.118352	-0.02329	0.122396
9.745102	0.019547	0.122017	-0.02818	0.126744
9.747465	0.020158	0.120795	-0.03184	0.126537
9.749828	0.019547	0.111632	-0.03245	0.117885
9.75219	0.018325	0.099415	-0.03367	0.106551
9.754553	0.018325	0.091474	-0.03306	0.098977
9.756916	0.016493	0.085366	-0.03245	0.092803
9.759279	0.016493	0.080479	-0.03367	0.088785
9.761642	0.016493	0.071316	-0.03367	0.080572
9.764004	0.014049	0.065208	-0.03367	0.074722
9.766367	0.010995	0.060321	-0.03245	0.069373
9.76873	0.010384	0.058489	-0.03062	0.06683
9.771093	0.010384	0.052991	-0.02818	0.060908
9.773456	0.009163	0.050548	-0.02512	0.057185
9.775818	0.009774	0.050548	-0.02207	0.056014
9.778181	0.008552	0.049326	-0.02268	0.054959
9.780544	0.006719	0.047493	-0.02023	0.05206
9.782907	0.007941	0.04505	-0.0184	0.049307
9.78527	0.008552	0.056045	-0.01779	0.05942
9.787632	0.012828	0.069484	-0.01779	0.072863
9.789995	0.016493	0.077425	-0.01657	0.080877
9.792358	0.020769	0.077425	-0.01535	0.081618
9.794721	0.018325	0.070706	-0.01535	0.074637
9.797084	0.012217	0.052991	-0.0129	0.055891
9.799446	0.003665	0.026725	-0.01229	0.029644
9.801809	-0.0055	0.009621	-0.01046	0.015239
9.804172	-0.00672	0.003512	-0.00924	0.011952
9.806535	-0.00489	0.005345	-0.0129	0.014797
9.808898	-0.00061	0.009621	-0.01168	0.015146
9.81126	0.003054	0.020005	-0.00802	0.021767
9.813623	0.007941	0.027946	-0.00863	0.030307
9.815986	0.007941	0.033444	-0.00924	0.035594
9.818349	0.009774	0.037109	-0.00618	0.03887
9.820712	0.009163	0.038331	-0.0068	0.039992
9.823074	0.006719	0.034666	-0.00618	0.035848
9.825437	0.004276	0.031611	-0.00557	0.032383
9.8278	0.003665	0.028557	-0.00496	0.029216
9.830163	0.006108	0.021227	-0.00557	0.022781
9.832526	0.004887	0.018784	-0.00557	0.020193
9.834888	0.00733	0.018784	-0.0068	0.021278
9.837251	0.006719	0.017562	-0.00435	0.019301
9.839614	0.006719	0.019394	-0.00496	0.021117
9.841977	0.004887	0.018784	-0.00374	0.019766

9.84434	0.004887	0.021838	-0.00496	0.022922
9.846702	0.004276	0.021838	-0.00557	0.02294
9.849065	0.004887	0.022449	-0.00557	0.023641
9.851428	0.00733	0.021838	-0.00741	0.024197
9.853791	0.006719	0.018784	-0.0068	0.021075
9.856154	0.009163	0.020005	-0.00496	0.022557
9.858516	0.010995	0.020005	-0.00741	0.023999
9.860879	0.009163	0.020005	-0.00618	0.022856
9.863242	0.00733	0.016951	-0.00496	0.019123
9.865605	0.005498	0.016951	-0.00618	0.018863
9.867968	0.004276	0.014508	-0.00557	0.016119
9.87033	0.004887	0.014508	-0.00496	0.016093
9.872693	0.005498	0.016951	-0.00374	0.018209
9.875056	0.006719	0.017562	-0.00618	0.019794
9.877419	0.005498	0.019394	-0.00557	0.020915
9.879782	0.006719	0.018173	-0.00618	0.020338
9.882144	0.008552	0.016951	-0.00496	0.019624
9.884507	0.00733	0.018173	-0.00618	0.020548
9.88687	0.006108	0.018173	-0.00618	0.020145
9.889233	0.004276	0.018784	-0.00496	0.019893
9.891596	0.004887	0.01634	-0.00435	0.017602
9.893959	0.006108	0.015118	-0.00435	0.016877
9.896321	0.004887	0.013286	-0.00313	0.014498
9.898684	0.006719	0.012675	-0.00252	0.014566
9.901047	0.005498	0.010843	-0.00313	0.012553
9.90341	0.005498	0.011453	-0.00191	0.012847
9.905773	0.004887	0.014508	-0.00069	0.015324
9.908135	0.004276	0.015118	-7.6E-05	0.015712
9.910498	0.003054	0.016951	-7.6E-05	0.017224
9.912861	0.001222	0.016951	0.002978	0.017254
9.915224	0.000611	0.017562	0.001756	0.01766
9.917587	0	0.014508	-7.6E-05	0.014508
9.919949	-0.00061	0.013897	0.000534	0.01392
9.922312	0.002443	0.013286	0.000534	0.013519
9.924675	0.001222	0.011453	0.002367	0.011759
9.927038	0.002443	0.012675	0.002978	0.013247
9.929401	0.004887	0.012675	0.003589	0.014051
9.931763	0.003054	0.012675	0.001756	0.013156
9.934126	0.001222	0.010843	0.002978	0.01131
9.936489	0	0.010232	0.003589	0.010843
9.938852	0	0.009621	0.002978	0.010071
9.941215	-0.00061	0.008399	0.002367	0.008748
9.943577	0.000611	0.008399	0.002978	0.008932
9.94594	0.000611	0.007177	0.00481	0.008662
9.948303	0	0.007177	0.0042	0.008316
9.950666	0.000611	0.010843	0.002367	0.011115
9.953029	0.002443	0.012675	0.001756	0.013027
9.955391	0.001833	0.012675	-0.0013	0.012872
9.957754	0.001833	0.013286	-0.0013	0.013474
9.960117	0.001833	0.010843	-0.00191	0.011161
9.96248	0.003665	0.00901	-0.00252	0.010048
9.964843	0.003054	0.00901	-0.00374	0.010223

9.967205	0.003665	0.008399	-0.00374	0.009898
9.969568	0.004276	0.007788	-0.00252	0.009235
9.971931	0.004887	0.008399	-0.00557	0.011202
9.974294	0.004887	0.010232	-0.00496	0.012377
9.976657	0.002443	0.00901	-0.00374	0.010057
9.979019	0.003054	0.010843	-0.00374	0.01187
9.981382	0.001833	0.012064	-0.00496	0.013173
9.983745	0.001222	0.010843	-0.00496	0.011987
9.986108	0.003054	0.010232	-0.00618	0.01234
9.988471	0.003665	0.010232	-0.0068	0.012818
9.990833	0.002443	0.008399	-0.00557	0.010372
9.993196	0.001222	0.010232	-0.00557	0.011715
9.995559	0.001222	0.011453	-0.00802	0.014034
9.997922	0	0.010843	-0.00802	0.013485
10.00028	-0.00061	0.010843	-0.0068	0.012811
10.00265	0	0.010232	-0.00496	0.011372
10.00501	0.000611	0.009621	-0.00435	0.010577
10.00737	0.001222	0.011453	-0.0068	0.013374
10.00974	0.004276	0.013897	-0.00802	0.016604
10.0121	0.004276	0.013286	-0.00863	0.016409
10.01446	0.003665	0.012064	-0.00985	0.016
10.01682	-0.00061	0.00901	-0.0068	0.011302
10.01919	0.002443	0.010232	-0.00863	0.013605
10.02155	0.003665	0.010232	-0.00618	0.012505
10.02391	0.004276	0.007788	-0.00557	0.010489
10.02628	0.003054	0.008399	-0.00313	0.00947
10.02864	0.004276	0.010843	-0.00435	0.012441
10.031	0.003054	0.010232	-0.00435	0.011531
10.03336	0.003665	0.009621	-0.00069	0.010318
10.03573	0.004276	0.010843	-0.0013	0.011727
10.03809	0.006108	0.012675	-7.6E-05	0.01407
10.04045	0.006719	0.015118	-7.6E-05	0.016545
10.04282	0.006719	0.014508	-7.6E-05	0.015988
10.04518	0.003665	0.012064	0.000534	0.01262
10.04754	0	0.010843	0.001756	0.010984
10.0499	-0.00061	0.008399	0.001145	0.008499
10.05227	0	0.00901	0.001756	0.00918
10.05463	0.000611	0.007177	0.001756	0.007414
10.05699	0.001222	0.006567	0.002367	0.007086
10.05935	0.001833	0.007177	0.000534	0.007427
10.06172	0.003665	0.007788	-0.00191	0.008817
10.06408	0.003054	0.007177	-0.0013	0.007908
10.06644	0.002443	0.008399	-0.00069	0.008774
10.06881	0	0.009621	-0.00069	0.009645
10.07117	0.000611	0.010843	-0.00069	0.010881
10.07353	0.002443	0.008399	-7.6E-05	0.008748
10.07589	0.001833	0.006567	-0.00069	0.006852
10.07826	0.002443	0.007788	-0.0013	0.008265
10.08062	0.002443	0.007788	-0.0013	0.008265
10.08298	0.002443	0.008399	-0.0013	0.008843
10.08535	0.001222	0.009621	-0.00069	0.009722
10.08771	0.000611	0.007788	-0.00069	0.007842

10.09007	0.000611	0.006567	-0.00252	0.00706
10.09243	0.001833	0.005345	-0.0013	0.005798
10.0948	0.001222	0.004734	-0.00191	0.005249
10.09716	0.002443	0.002902	-0.0013	0.004009
10.09952	0.002443	0.004734	-0.00191	0.005659
10.10189	0.002443	0.005345	-0.00252	0.006394
10.10425	0.003665	0.004123	-0.00313	0.006343
10.10661	0.001833	0.002902	-0.00252	0.004257
10.10897	0.003054	0.005956	-0.00069	0.006728
10.11134	0.004276	0.015729	-0.00069	0.016315
10.1137	0.008552	0.020616	-7.6E-05	0.02232
10.11606	0.009163	0.020005	-7.6E-05	0.022004
10.11842	0.006719	0.01634	-0.00191	0.017771
10.12079	0.004276	0.008399	-0.00191	0.009616
10.12315	-0.00183	-0.0026	-7.6E-05	0.003179
10.12551	-0.0055	-0.00687	-7.6E-05	0.008801
10.12788	-0.00672	-0.0087	-0.00069	0.011018
10.13024	-0.00367	-0.00199	-0.0013	0.004366
10.1326	0	0.00168	0.000534	0.001763
10.13496	0.004887	0.00901	-7.6E-05	0.01025
10.13733	0.008552	0.020616	0.001756	0.022388
10.13969	0.016493	0.038331	0.003589	0.041882
10.14205	0.024434	0.043828	0.006032	0.05054
10.14442	0.020769	0.032222	0.009086	0.039398
10.14678	0.011606	0.017562	0.009697	0.023177
10.14914	0.000611	0.006567	0.007254	0.009804
10.1515	-0.00611	0.00168	0.006643	0.00918
10.15387	-0.00611	0.002291	0.006032	0.008885
10.15623	-0.00183	0.006567	0.00481	0.008344
10.15859	0.003054	0.007177	0.005421	0.009499
10.16096	0.004887	0.007788	0.00481	0.010377
10.16332	0.003054	0.006567	0.0042	0.008372
10.16568	0	0.006567	0.002978	0.00721
10.16804	-0.00183	0.004123	0.006032	0.007533
10.17041	-0.00244	0.004123	0.005421	0.007236
10.17277	-0.00061	0.005345	0.002978	0.006149
10.17513	0.001222	0.006567	0.001145	0.006777
10.17749	0.000611	0.006567	0.003589	0.007508
10.17986	0.002443	0.004734	0.002978	0.006103
10.18222	0.001222	0.004123	0.002978	0.005231
10.18458	-0.00061	0.003512	0.003589	0.005059
10.18695	0.000611	0.003512	0.001756	0.003974
10.18931	0.000611	0.002902	0.001145	0.003179
10.19167	0.000611	0.002902	0.001756	0.003446
10.19403	0.001222	0.004734	0.001756	0.005195
10.1964	0.002443	0.002902	0.001145	0.003962
10.19876	0.001833	0.004123	0.002978	0.005406
10.20112	0.000611	0.002902	0.001145	0.003179
10.20349	-0.00061	0.002291	0.001145	0.002633
10.20585	0.001222	0.002902	-7.6E-05	0.003149
10.20821	0	0.004123	-0.00069	0.00418
10.21057	-0.00061	0.003512	-0.00069	0.003631

10.21294	-0.00061	0.004734	0.000534	0.004803
10.2153	-0.00061	0.005345	-0.00313	0.006224
10.21766	-0.00122	0.004734	0.000534	0.004918
10.22003	-0.00244	0.003512	-0.00252	0.004965
10.22239	-0.00061	0.006567	-0.00191	0.006866
10.22475	0	0.006567	-7.6E-05	0.006567
10.22711	0	0.007177	-0.00069	0.00721
10.22948	0	0.005345	0.000534	0.005372
10.23184	0.000611	0.005956	-0.00252	0.006496
10.2342	0.001833	0.008399	-0.00252	0.008958
10.23656	0.000611	0.010232	-0.00069	0.010273
10.23893	0	0.00901	-0.00191	0.00921
10.24129	0.000611	0.008399	-0.0013	0.008521
10.24365	0.001222	0.00901	-0.00069	0.009118
10.24602	0.000611	0.008399	0.000534	0.008438
10.24838	-0.00061	0.005956	0.000534	0.006011
10.25074	0	0.005956	0.001145	0.006065
10.2531	-0.00061	0.005345	0.000534	0.005406
10.25547	-0.00122	0.005345	-7.6E-05	0.005483
10.25783	-0.00061	0.004123	0.001756	0.004523
10.26019	0	0.004734	0.001145	0.004871
10.26256	0.001222	0.004734	0.001756	0.005195
10.26492	0.000611	0.005956	0.001756	0.006239
10.26728	0.001833	0.006567	0.001145	0.006913
10.26964	0.001222	0.005956	0.002367	0.006524
10.27201	0.000611	0.006567	0.002367	0.007007
10.27437	-0.00122	0.005345	0.001145	0.005601
10.27673	-0.00122	0.004734	0.001756	0.005195
10.2791	0.000611	0.007177	0.001145	0.007294
10.28146	-0.00061	0.004734	-7.6E-05	0.004774
10.28382	-0.00061	0.003512	0.001756	0.003974
10.28618	0.001222	0.005956	0.001145	0.006187
10.28855	-0.00122	0.005345	-7.6E-05	0.005483
10.29091	-0.00183	0.006567	-0.00069	0.006852
10.29327	-0.00244	0.005345	-0.0013	0.006019
10.29564	0	0.004123	0.001756	0.004482
10.298	0.001222	0.002291	0.000534	0.002651
10.30036	-0.00122	0.003512	-0.00069	0.003782
10.30272	-0.00183	0.004734	-0.00069	0.005123
10.30509	-0.00244	0.004123	0.000534	0.004823
10.30745	-0.00122	0.002291	-7.6E-05	0.002597
10.30981	-0.00061	0.002902	-0.0013	0.003237
10.31217	-0.00122	0.004123	-0.00313	0.005319
10.31454	0	0.004123	-0.00252	0.004832
10.3169	0.000611	0.004123	-0.0013	0.004366
10.31926	0.000611	0.003512	-0.00252	0.004366
10.32163	0	0.003512	-0.00191	0.003998
10.32399	0	0.002902	-0.00313	0.004268
10.32635	0	0.00168	-0.00191	0.002543
10.32871	0.000611	0.002291	-0.00191	0.003044
10.33108	-0.00061	0.00168	-0.00191	0.002615
10.33344	0.000611	0.002291	-0.00191	0.003044

10.3358	-0.00244	0.003512	-0.00252	0.004965
10.33817	0.000611	0.002291	-0.00374	0.004429
10.34053	0.000611	0.002902	-0.00191	0.003526
10.34289	0.000611	0.004734	-0.00252	0.005398
10.34525	0.001222	0.004123	-0.00252	0.004984
10.34762	-0.00122	0.002291	0.000534	0.002651
10.34998	-0.00183	0.000458	0.002978	0.003526
10.35234	0	0.005345	0.001145	0.005466
10.35471	-0.00122	0.010843	-0.00069	0.010933
10.35707	0	0.007788	-0.00191	0.008019
10.35943	0.003054	-0.00199	-0.00313	0.004803
10.36179	0.008552	0.002902	-0.00374	0.009775
10.36416	0.002443	0.004123	-0.0013	0.004965
10.36652	0	0.005956	-7.6E-05	0.005956
10.36888	-0.00122	0.005345	-7.6E-05	0.005483
10.37124	-0.00061	-0.00015	-7.6E-05	0.000634
10.37361	-0.00244	-0.00076	0.001756	0.003104
10.37597	0	-0.00076	0.000534	0.000932
10.37833	0.002443	0.002902	0.001145	0.003962
10.3807	0.002443	0.006567	0.000534	0.007027
10.38306	0.002443	0.007788	0.001756	0.008349
10.38542	0.002443	0.007788	0.002367	0.008499
10.38778	-0.00122	0.007177	0.003589	0.008117
10.39015	-0.00122	0.007177	0.002367	0.007656
10.39251	0	0.005956	-7.6E-05	0.005956
10.39487	-0.00061	0.003512	-0.00069	0.003631
10.39724	0.000611	0.002291	-0.00069	0.002468
10.3996	0.002443	0.003512	-0.0013	0.004471
10.40196	0.001833	0.005956	-0.00374	0.007268
10.40432	0	0.008399	-0.00313	0.008964
10.40669	0	0.005345	-0.00374	0.006524
10.40905	-0.00122	0.004734	-0.00313	0.005806
10.41141	0.000611	0.005345	-0.00557	0.007747
10.41378	0.002443	0.005345	-0.00374	0.006967
10.41614	0.004276	0.009621	-0.00435	0.011392
10.4185	0.006719	0.015118	-0.00191	0.016654
10.42086	0.01466	0.029168	0.009697	0.034055
10.42323	0.039094	0.068262	0.035353	0.086243
10.42559	0.061696	0.08842	0.058565	0.122696
10.42795	0.059252	0.060321	0.073836	0.112255
10.43031	0.026877	0.018173	0.070782	0.077863
10.43268	-0.01466	-0.01665	0.061619	0.06549
10.43504	-0.03787	-0.02336	0.050624	0.067402
10.4374	-0.03115	-0.01237	0.037796	0.050518
10.43977	-0.00489	-0.00321	0.027412	0.028028
10.44213	0.019547	0.002902	0.020692	0.028613
10.44449	0.02871	0.005345	0.017027	0.033805
10.44685	0.020158	0.003512	0.013973	0.024778
10.44922	0.005498	0.000458	0.01153	0.012782
10.45158	-0.00794	0.000458	0.010308	0.01302
10.45394	-0.01222	0.00168	0.010308	0.016073
10.45631	-0.00611	0.006567	0.0042	0.009903

10.45867	0.001833	0.007177	0.002978	0.007984
10.46103	0.007941	0.004123	0.00481	0.010159
10.46339	0.008552	0.003512	0.002978	0.009713
10.46576	0.004276	0.004123	-0.00069	0.00598
10.46812	0.002443	0.004123	0.000534	0.004823
10.47048	0	0.001069	0.002978	0.003164
10.47285	0.005498	0.001069	0.0042	0.007
10.47521	0.007941	0.007788	0.0042	0.011889
10.47757	0.008552	0.016951	0.00481	0.019586
10.47993	0.006108	0.015729	0.001145	0.016913
10.4823	0.004887	0.016951	-0.00252	0.01782
10.48466	0.003054	0.015729	-0.00191	0.016136
10.48702	-0.00122	0.003512	0.000534	0.003757
10.48938	0.002443	-0.0087	-7.6E-05	0.009041
10.49175	0.003665	-0.00382	0.000534	0.005319
10.49411	0	0.007177	-0.00252	0.007607
10.49647	-0.00367	0.007177	-0.0013	0.008163
10.49884	-0.00672	0.003512	-7.6E-05	0.007582
10.5012	-0.00611	-0.00076	-0.00069	0.006194
10.50356	-0.00305	0.00168	0.001145	0.003669
10.50592	0.001222	0.007177	-0.0013	0.007395
10.50829	0.001833	0.012064	-0.00374	0.012763
10.51065	0.004276	0.013286	-0.00313	0.014304
10.51301	0.002443	0.010232	-0.00252	0.010817
10.51538	-0.00061	0.005956	-0.00069	0.006026
10.51774	-0.00244	0.000458	-0.0013	0.002804
10.5201	-0.00061	-0.00199	0.000534	0.002145
10.52246	0	-0.00382	0.006032	0.007139
10.52483	0.004276	-0.0026	0.005421	0.007377
10.52719	0.006719	0.003512	-0.00069	0.007613
10.52955	0.003665	0.016951	-0.00374	0.017742
10.53192	-0.00183	0.020616	-7.6E-05	0.020698
10.53428	-0.00122	0.002902	-0.0013	0.003405
10.53664	0.003054	-0.01542	0.000534	0.015732
10.539	0.004276	-0.00626	0.000534	0.007601
10.54137	0.001222	0.006567	-7.6E-05	0.00668
10.54373	-0.00183	0.008399	-0.00069	0.008624
10.54609	-0.00244	0.001069	0.000534	0.00272
10.54846	-0.00367	-0.00443	0.000534	0.005773
10.55082	-0.00244	-0.00504	-0.00069	0.005643
10.55318	0.000611	0.003512	-0.00191	0.004044
10.55554	0.003665	0.007177	-7.6E-05	0.008059
10.55791	0.003665	0.00901	-0.00069	0.009751
10.56027	0.001833	0.00901	-7.6E-05	0.009195
10.56263	0.001833	0.008399	-0.00191	0.008806
10.56499	-0.00244	0.002902	-0.00191	0.004247
10.56736	-0.00183	0.000458	-0.00191	0.002686
10.56972	-0.00244	-0.00076	-0.00069	0.002651
10.57208	-0.00122	0.00168	-0.00191	0.002821
10.57445	-0.00183	0.005345	-0.00252	0.006187
10.57681	0.001833	0.005345	-0.00252	0.006187
10.57917	0.001222	0.003512	0.000534	0.003757

10.58153	0.001222	0.00168	-0.0013	0.002449
10.5839	0.001222	0.003512	0.001756	0.004113
10.58626	0	0.000458	0.012141	0.012149
10.58862	0.00733	-0.01237	0.010919	0.018054
10.59099	0.012828	-0.0026	0.003589	0.013571
10.59335	0.007941	0.03039	-0.00191	0.031468
10.59571	-0.0055	0.032222	0.001145	0.032708
10.59807	-0.00428	-0.00076	-0.0013	0.004533
10.60044	0.004276	-0.0252	-0.00069	0.025567
10.6028	0.006719	-0.01603	0.000534	0.017394
10.60516	0.003054	0.007177	-0.0013	0.007908
10.60753	-0.00183	0.012064	0.000534	0.012214
10.60989	-0.00428	0.001069	-7.6E-05	0.004408
10.61225	-0.00428	-0.00932	-0.00191	0.010426
10.61461	-0.00183	-0.00626	-7.6E-05	0.006524
10.61698	0.003054	0.003512	-7.6E-05	0.004655
10.61934	0.005498	0.010232	0.000534	0.011627
10.6217	0.00733	0.013286	0.001756	0.015275
10.62406	0.003054	0.011453	-7.6E-05	0.011854
10.62643	-0.00183	0.004734	0.000534	0.005104
10.62879	-0.00244	0.000458	0.001756	0.003044
10.63115	-0.00183	-0.0026	0.002367	0.003962
10.63352	-0.00061	-0.00321	0.001145	0.00346
10.63588	0.000611	-0.00137	0.000534	0.001596
10.63824	0.001222	0.002902	0.000534	0.003193
10.6406	0	0.00168	0.002367	0.002903
10.64297	-0.00061	0.001069	-0.0013	0.001789
10.64533	0.001222	0.002902	-7.6E-05	0.003149
10.64769	0.001222	0.005956	-0.00069	0.006118
10.65006	-0.00183	0.004734	0.000534	0.005104
10.65242	0.000611	0.003512	0.000534	0.003605
10.65478	0.000611	-0.00015	-7.6E-05	0.000634
10.65714	0	-0.00076	0.001756	0.001915
10.65951	-0.00244	-0.00015	0.000534	0.002506
10.66187	-0.00061	0.000458	0.001145	0.001377
10.66423	0	0.001069	-0.00069	0.001271
10.6666	-0.00061	0.002291	0.002367	0.00335
10.66896	-0.00122	0.002291	0.001145	0.002838
10.67132	0.001833	0.001069	-0.00069	0.00223
10.67368	0	-0.00137	0.000534	0.001475
10.67605	0.001222	0.001069	-0.00191	0.002506
10.67841	0.001222	-0.00076	-7.6E-05	0.001443
10.68077	0.001222	-0.00015	-7.6E-05	0.001234
10.68313	0.001833	-0.00076	-7.6E-05	0.001987
10.6855	0.001222	-0.00015	-7.6E-05	0.001234
10.68786	0.003054	-0.00321	0.000534	0.004461
10.69022	0.001833	-0.0026	-7.6E-05	0.003179
10.69259	0.002443	-0.00199	-7.6E-05	0.003149
10.69495	0.001833	-0.00137	-0.00069	0.002392
10.69731	0	-0.00015	-0.00252	0.002524
10.69967	0.000611	0.000458	-7.6E-05	0.000767
10.70204	0.001222	-0.00199	0.001756	0.002919

10.7044	0.001833	-0.00076	0.000534	0.002056
10.70676	0.004887	-0.00015	-0.00069	0.004937
10.70913	0.001833	-0.00015	-7.6E-05	0.00184
10.71149	0.001222	-0.00015	-7.6E-05	0.001234
10.71385	0.001833	-0.00015	0.001145	0.002166
10.71621	0.001833	-0.00015	0.000534	0.001915
10.71858	0.001222	-0.00076	0.001145	0.00184
10.72094	0.002443	-0.00076	0.001145	0.002804
10.7233	-0.00061	0.000458	0.000534	0.000932
10.72567	0.001222	0.001069	0.001756	0.002392
10.72803	0.001222	0.001069	0.000534	0.001709
10.73039	0.001222	-0.00015	-0.0013	0.001789
10.73275	0	-0.00076	0.001145	0.001377
10.73512	0	-0.00015	0.001145	0.001155
10.73748	0	-0.00015	-0.00069	0.000704
10.73984	0.000611	-0.00015	-0.0013	0.001443
10.7422	-0.00061	0.001069	-7.6E-05	0.001234
10.74457	0.001222	-0.00076	0.001145	0.00184
10.74693	0.001833	-0.00076	0.001145	0.002292
10.74929	0.001833	-0.00015	0.000534	0.001915
10.75166	0.001222	-0.00076	0.001756	0.002272
10.75402	0.001222	0.000458	0.000534	0.00141
10.75638	0.001222	0.000458	0.002978	0.003251
10.75874	0.000611	0.000458	0.001145	0.001377
10.76111	0.000611	0.001069	0.000534	0.001342
10.76347	0.000611	0.000458	0.000534	0.000932
10.76583	0	-0.00076	-0.00069	0.001027
10.7682	0.000611	-0.00015	0.000534	0.000826
10.77056	0.003054	0.001069	0.001756	0.003682
10.77292	0.003665	0.000458	-7.6E-05	0.003694
10.77528	0.001222	0.00168	-7.6E-05	0.002079
10.77765	0.001833	0.000458	-7.6E-05	0.00189
10.78001	0.002443	-0.00076	-7.6E-05	0.002561
10.78237	0.001222	0.000458	0.000534	0.00141
10.78474	0.001833	0.00168	-0.00191	0.003134
10.7871	0.002443	-0.00076	0.003589	0.004408
10.78946	0.001833	0.000458	0.002978	0.003526
10.79182	0.001833	-0.00015	-0.00191	0.002651
10.79419	0.001833	-0.00015	0.001756	0.002543
10.79655	0.001222	0.001069	0.002367	0.00287
10.79891	0.000611	-0.00015	0.002367	0.002449
10.80128	0.000611	-0.00015	-7.6E-05	0.000634
10.80364	0.000611	-0.00015	0.001756	0.001866
10.806	0.001833	-0.00199	0.001756	0.003222
10.80836	0.000611	-0.00137	0.000534	0.001596
10.81073	0.001222	-0.00015	0.001756	0.002145
10.81309	0	0.000458	-7.6E-05	0.000464
10.81545	0	-0.00076	0.001756	0.001915
10.81781	0.001833	-0.00076	0.001145	0.002292
10.82018	0.001222	-0.00199	0.002367	0.003322
10.82254	0	-0.00076	0.001145	0.001377
10.8249	0.001222	-0.00076	0.002367	0.002771

10.82727	0.000611	0.000458	0.001145	0.001377
10.82963	0.001222	0.000458	0.002367	0.002703
10.83199	0	-0.00015	0.002367	0.002372
10.83435	0	-0.00076	0.001756	0.001915
10.83672	-0.00122	-0.00076	0.000534	0.001537
10.83908	0	-0.00137	0.001756	0.00223
10.84144	0.001222	-0.00015	0.002978	0.003222
10.84381	0.003054	0.000458	0.002367	0.003891
10.84617	0	-0.00137	0.002367	0.002737
10.84853	0	0.000458	0.001756	0.001815
10.85089	0.001833	0.00168	0.000534	0.002543
10.85326	0	-0.00015	0.001145	0.001155
10.85562	0.000611	-0.00137	0.001756	0.002312
10.85798	0.001222	0.000458	0.002978	0.003251
10.86035	0	-0.00015	0.002367	0.002372
10.86271	0.001222	0.001069	-7.6E-05	0.001625
10.86507	0.001222	-0.00015	0.002978	0.003222
10.86743	0.000611	0.000458	0.002978	0.003074
10.8698	0.000611	0.002902	0.002978	0.004202
10.87216	0.000611	0.001069	0.002367	0.002668
10.87452	0	0.000458	0.002367	0.002411
10.87688	0.000611	0.00168	0.001756	0.002506
10.87925	0.000611	0.001069	0.0042	0.004376
10.88161	0.003054	0.000458	0.0042	0.005213
10.88397	0	0.000458	0.001756	0.001815
10.88634	0.000611	-0.00015	0.002367	0.002449
10.8887	0.000611	-0.00076	0.003589	0.00372
10.89106	0	0.000458	0.0042	0.004224
10.89342	0.000611	0.001069	0.002367	0.002668
10.89579	0	0.00168	0.002367	0.002903
10.89815	0.000611	0.000458	0.000534	0.000932
10.90051	0	0.001069	0.005421	0.005526
10.90288	0.000611	0.000458	0.001145	0.001377
10.90524	0.000611	0.001069	0.002367	0.002668
10.9076	-0.00061	0.00168	0.000534	0.001866
10.90996	0	0.00168	0.000534	0.001763
10.91233	-0.00061	0.001069	0.001145	0.001682
10.91469	-0.00061	0.001069	0.001756	0.002145
10.91705	-0.00061	0.00168	0.000534	0.001866
10.91942	-0.00061	0.001069	0.001145	0.001682
10.92178	0	0.001069	0.001145	0.001567
10.92414	-0.00122	0.002291	0.001756	0.003134
10.9265	0	0.002291	0.001145	0.002561
10.92887	0.000611	0.002291	0.002367	0.00335
10.93123	-0.00061	0.002902	0.001145	0.003179
10.93359	0	0.00168	0.000534	0.001763
10.93596	0	0.002291	0.002978	0.003757
10.93832	0	0.000458	-0.00069	0.000826
10.94068	-0.00061	-0.00137	0.001145	0.00189
10.94304	0.000611	0.001069	0.000534	0.001342
10.94541	0.000611	0.00168	0.000534	0.001866
10.94777	-0.00061	0.002291	0.001756	0.00295

10.95013	0	0.00168	-0.00069	0.001815
10.95249	0	0.00168	0.000534	0.001763
10.95486	0	0.002291	0.001145	0.002561
10.95722	-0.00061	0.003512	-7.6E-05	0.003566
10.95958	-0.00244	0.002291	0.000534	0.003392
10.96195	0.000611	0.00168	0.001756	0.002506
10.96431	0	0.002291	0.000534	0.002352
10.96667	-0.00061	-0.00015	0.000534	0.000826
10.96903	0.000611	0.000458	0.001145	0.001377
10.9714	0	0.000458	-7.6E-05	0.000464
10.97376	0	0.00168	0.001145	0.002033
10.97612	0.000611	0.001069	0.000534	0.001342
10.97849	0.000611	0.001069	-7.6E-05	0.001234
10.98085	-0.00061	0.00168	-7.6E-05	0.001789
10.98321	0.000611	0.002291	0.001145	0.002633
10.98557	0	0.00168	0.001756	0.00243
10.98794	-0.00061	0.000458	-0.00069	0.001027
10.9903	-0.00122	0.001069	0.000534	0.001709
10.99266	-0.00183	-0.00015	0.000534	0.001915
10.99503	-0.00061	-0.00015	0.002367	0.002449
10.99739	0	0.00168	0.002367	0.002903
10.99975	0.000611	0.000458	0.001145	0.001377
11.00211	0.000611	0.000458	-7.6E-05	0.000767
11.00448	0.001222	0.000458	-7.6E-05	0.001307
11.00684	0.000611	0.001069	-0.0013	0.001789
11.0092	-0.00061	0.001069	-7.6E-05	0.001234
11.01156	-0.00061	0.000458	-0.00069	0.001027
11.01393	0	0.000458	0.001145	0.001234
11.01629	-0.00305	0.001069	0.002367	0.004009
11.01865	-0.00183	0.000458	0.001145	0.002209
11.02102	-0.00061	0.000458	0.000534	0.000932
11.02338	-0.00061	0.001069	0.001145	0.001682
11.02574	-0.00122	0.00168	0.001756	0.00272
11.0281	0	0.001069	-0.00069	0.001271
11.03047	0.000611	0.001069	0.000534	0.001342
11.03283	-0.00122	0.002902	0.002978	0.004333
11.03519	0.001222	0.001069	-7.6E-05	0.001625
11.03756	0	0.001069	-0.0013	0.001682
11.03992	-0.00061	0.001069	-7.6E-05	0.001234
11.04228	-0.00061	0.00168	0.000534	0.001866
11.04464	0.001833	0.001069	0.001145	0.002411
11.04701	0.000611	0.002291	0.001756	0.00295
11.04937	0	0.002291	0.001145	0.002561
11.05173	0	0.000458	-7.6E-05	0.000464
11.0541	-0.00183	0.00168	-0.00069	0.002579
11.05646	-0.00061	0.003512	0.000534	0.003605
11.05882	0.001222	0.002902	-0.00069	0.003222
11.06118	0.001833	0.00168	0.000534	0.002543
11.06355	0.000611	0.00168	0.000534	0.001866
11.06591	0	0.002291	0.000534	0.002352
11.06827	-0.00183	0.002902	-0.00069	0.0035
11.07063	-0.00183	0.003512	0.002367	0.004615

11.073	-0.00183	0.002291	0.000534	0.002982
11.07536	-0.00122	0.002902	0.001756	0.003605
11.07772	-0.00122	0.004123	0.001145	0.00445
11.08009	-0.00122	0.00168	0.001145	0.002372
11.08245	0	0.000458	-0.0013	0.001377
11.08481	-0.00183	0.002291	-0.00069	0.003013
11.08717	0.001222	-0.00015	0.001145	0.001682
11.08954	0	0.002291	0.000534	0.002352
11.0919	-0.00061	0.00168	-0.00069	0.001915
11.09426	0	0.002291	0.001145	0.002561
11.09663	-0.00061	0.002291	0.000534	0.00243
11.09899	-0.00183	0.00168	-7.6E-05	0.002487
11.10135	0	0.00168	0.001756	0.00243
11.10371	0.000611	0.002902	0.001145	0.003179
11.10608	-0.00122	0.002902	0.001145	0.00335
11.10844	-0.00244	0.001069	-7.6E-05	0.002668
11.1108	-0.00122	0.001069	-7.6E-05	0.001625
11.11317	0	0.002291	0.000534	0.002352
11.11553	-0.00061	0.000458	0.002367	0.002487
11.11789	-0.00061	0.001069	-7.6E-05	0.001234
11.12025	-0.00061	0.000458	0.000534	0.000932
11.12262	-0.00061	0.003512	0.001145	0.003745
11.12498	-0.00122	0.002902	-7.6E-05	0.003149
11.12734	-0.00122	0.002902	0.001145	0.00335
11.12971	-0.00183	0.00168	-7.6E-05	0.002487
11.13207	-0.00122	0.001069	0.001145	0.001987
11.13443	0	0.002291	-0.00069	0.002392
11.13679	-0.00305	-0.00015	-7.6E-05	0.003059
11.13916	-0.00122	0.000458	0.001756	0.002188
11.14152	-0.00183	-0.00015	0.001145	0.002166
11.14388	-0.00122	0.002291	0.001145	0.002838
11.14624	0	0.000458	0.002978	0.003013
11.14861	0	0.001069	0.001756	0.002056
11.15097	-0.00183	0.001069	0.001756	0.002754
11.15333	-0.00122	0.001069	0.001756	0.002392
11.1557	-0.00061	0.001069	0.001756	0.002145
11.15806	-0.00183	0.001069	0.001145	0.002411
11.16042	-0.00061	0.00168	0.000534	0.001866
11.16278	0.001222	0.001069	-0.00069	0.001763
11.16515	-0.00061	0.002291	0.001756	0.00295
11.16751	0.000611	0.001069	0.001145	0.001682
11.16987	-0.00183	0.00168	0.000534	0.002543
11.17224	0	0.00168	-7.6E-05	0.001682
11.1746	0	0.001069	0.000534	0.001195
11.17696	0.000611	0.001069	0.000534	0.001342
11.17932	0.001222	-0.00015	0.000534	0.001342
11.18169	-0.00183	0.002291	0.001145	0.003149
11.18405	-0.00183	0.002291	-0.00069	0.003013
11.18641	-0.00183	0.003512	-7.6E-05	0.003962
11.18878	-0.00061	0.00168	0.000534	0.001866
11.19114	-0.00244	0.00168	-7.6E-05	0.002966
11.1935	-0.00061	0.00168	0.001145	0.002123

11.19586	-0.00061	0.001069	0.001145	0.001682
11.19823	-0.00061	0.003512	0.001145	0.003745
11.20059	-0.00183	0.004123	0.001756	0.004842
11.20295	-0.00367	0.004123	0.002367	0.006003
11.20531	-0.00244	0.005345	0.001756	0.006134
11.20768	-0.00244	0.002902	0.001145	0.003962
11.21004	-0.00122	0.002902	0.000534	0.003193
11.2124	-0.00122	0.002902	0.000534	0.003193
11.21477	-0.00244	0.002291	-0.0013	0.003592
11.21713	-0.00244	0.003512	-0.0013	0.004471
11.21949	-0.00244	0.004123	-7.6E-05	0.004793
11.22185	-0.00244	0.003512	-7.6E-05	0.004279
11.22422	-0.00367	0.003512	-7.6E-05	0.005077
11.22658	-0.00367	0.003512	-0.00069	0.005123
11.22894	-0.00061	0.002291	0.000534	0.00243
11.23131	-0.00061	0.004734	-0.0013	0.004947
11.23367	-0.00305	0.004123	0.001145	0.005257
11.23603	-0.00305	0.003512	0.001145	0.004793
11.23839	-0.00122	0.003512	-0.00069	0.003782
11.24076	-0.00183	0.003512	-0.00191	0.004398
11.24312	-0.00244	0.004123	-7.6E-05	0.004793
11.24548	-0.00244	0.004734	0.001145	0.005449
11.24785	-0.00367	0.004123	-7.6E-05	0.005517
11.25021	-0.00305	0.002291	0.000534	0.003855
11.25257	-0.00367	0.002902	-0.00252	0.00531
11.25493	-0.00367	0.002902	0.000534	0.004705
11.2573	-0.00244	0.004734	-0.0013	0.005483
11.25966	-0.00367	0.003512	0.002367	0.005601
11.26202	-0.00183	0.006567	-7.6E-05	0.006818
11.26438	-0.00183	0.004123	-7.6E-05	0.004513
11.26675	-0.00244	0.005956	-7.6E-05	0.006438
11.26911	-0.00244	0.005345	-7.6E-05	0.005877
11.27147	-0.00367	0.002291	-0.00069	0.004376
11.27384	-0.00244	0.002291	0.000534	0.003392
11.2762	-0.00489	0.00168	-0.00069	0.005213
11.27856	-0.00305	0.002291	-0.00069	0.003879
11.28092	-0.00244	0.004123	0.001145	0.004928
11.28329	-0.00122	0.00168	-7.6E-05	0.002079
11.28565	0	0.002291	-0.00069	0.002392
11.28801	-0.00244	0.00168	-0.0013	0.003237
11.29038	-0.00367	0.002902	-0.00191	0.005049
11.29274	-0.00244	0.00168	0.000534	0.003013
11.2951	-0.00244	0.002291	-7.6E-05	0.00335
11.29746	-0.00183	0.002902	-7.6E-05	0.003433
11.29983	-0.00122	0.002902	-7.6E-05	0.003149
11.30219	-0.00061	0.002902	-0.00191	0.003526
11.30455	-0.00244	0.003512	-0.00191	0.004685
11.30692	-0.00061	0.002291	-7.6E-05	0.002372
11.30928	-0.00122	0.002291	0.000534	0.002651
11.31164	-0.00183	0.002291	-0.0013	0.003208
11.314	0	0.001069	-7.6E-05	0.001072
11.31637	-0.00183	0.001069	0.000534	0.002188

11.31873	-0.00183	0.000458	-7.6E-05	0.00189
11.32109	-0.00061	0.002291	-7.6E-05	0.002372
11.32346	-0.00122	0.003512	-0.0013	0.003939
11.32582	-0.00061	0.004734	-0.00252	0.005398
11.32818	-0.00061	0.002902	0.001145	0.003179
11.33054	-0.00061	0.001069	0.001145	0.001682
11.33291	-0.00305	0.002291	-7.6E-05	0.003819
11.33527	-0.00244	0.004123	-0.0013	0.004965
11.33763	-0.00183	0.003512	0.001145	0.004124
11.33999	-0.00244	0.003512	0.001756	0.004625
11.34236	-0.00244	0.002902	-0.00252	0.004554
11.34472	-0.00244	0.002902	-0.00191	0.004247
11.34708	-0.00367	0.002902	-0.00069	0.004725
11.34945	-0.00122	0.002902	-7.6E-05	0.003149
11.35181	-0.00122	0.002291	0.000534	0.002651
11.35417	-0.00244	0.004734	-7.6E-05	0.005328
11.35653	-0.00122	0.007177	-0.00191	0.007527
11.3589	-0.00183	0.003512	-0.0013	0.004169
11.36126	-0.00244	0.002902	-0.00069	0.003855
11.36362	-0.00244	0.002902	-0.00069	0.003855
11.36599	-0.00183	0.004123	-7.6E-05	0.004513
11.36835	-0.00305	0.004734	0.001145	0.005749
11.37071	-0.00305	0.004734	-7.6E-05	0.005634
11.37307	-0.00183	0.004123	-0.00069	0.004564
11.37544	-0.00244	0.004123	-0.00191	0.005159
11.3778	-0.00489	0.004734	-0.0013	0.006927
11.38016	-0.00244	0.005345	-0.00191	0.006179
11.38253	-0.00183	0.003512	-0.00374	0.005449
11.38489	-0.00244	0.002291	-0.00069	0.003419
11.38725	-0.00183	0.002291	-0.00252	0.003867
11.38961	-0.00122	0.004123	-0.00191	0.004705
11.39198	-0.00122	0.003512	-0.0013	0.003939
11.39434	-0.00183	0.003512	-0.00191	0.004398
11.3967	-0.00367	0.002902	-7.6E-05	0.004675
11.39906	-0.00244	0.003512	-0.00069	0.004333
11.40143	-0.00367	0.002902	-0.0013	0.004851
11.40379	-0.00428	0.002902	-7.6E-05	0.005168
11.40615	-0.00122	0.002291	-0.0013	0.002903
11.40852	-0.00305	0.00168	0.001145	0.003669
11.41088	-0.00061	0.002291	-7.6E-05	0.002372
11.41324	-0.00244	0.00168	0.000534	0.003013
11.4156	-0.00367	0.00168	0.001145	0.004191
11.41797	-0.00183	0.00168	0.000534	0.002543
11.42033	0	0.002291	0.001145	0.002561
11.42269	-0.00122	0.002291	0.001756	0.003134
11.42506	-0.00061	0.002291	0.001145	0.002633
11.42742	-0.00122	0.001069	0.001756	0.002392
11.42978	0	0.000458	0.001756	0.001815
11.43214	0	0.001069	0.001145	0.001567
11.43451	-0.00183	0.004123	-7.6E-05	0.004513
11.43687	-0.00122	0.003512	0.001145	0.003891
11.43923	-0.00183	0.002291	0.001756	0.003419

11.4416	-0.00122	0.002291	0.001756	0.003134
11.44396	-0.00244	0.00168	0.001756	0.003446
11.44632	-0.00244	0.000458	0.000534	0.002543
11.44868	-0.00244	0.001069	0.001756	0.003193
11.45105	-0.00122	0.001069	-7.6E-05	0.001625
11.45341	-0.00122	0.000458	0.001145	0.001736
11.45577	-0.00122	0.00168	0.001145	0.002372
11.45813	-0.00122	0.000458	0.001145	0.001736
11.4605	-0.00122	0.00168	0.000534	0.002145
11.46286	-0.00122	0.003512	0.000534	0.003757
11.46522	-0.00244	0.002902	0.000534	0.003831
11.46759	0	-0.00015	-0.0013	0.001307
11.46995	-0.00305	-0.00076	-0.00069	0.003222
11.47231	-0.00183	0.00168	-7.6E-05	0.002487
11.47467	-0.00244	0.00168	0.001145	0.003179
11.47704	-0.00061	0.000458	0.002367	0.002487
11.4794	-0.00122	-0.00076	-7.6E-05	0.001443
11.48176	0	0.000458	0.001756	0.001815
11.48413	-0.00122	0.00168	0.003589	0.004146
11.48649	-0.00183	0.00168	0.002978	0.003879
11.48885	-0.00244	0.001069	0.001145	0.002903
11.49121	-0.00183	-0.00199	0.001145	0.002934
11.49358	-0.00428	-0.00015	0.001145	0.004429
11.49594	-0.00183	-0.00076	0.001145	0.002292
11.4983	0	-0.00076	0.001145	0.001377
11.50067	-0.00061	-0.00015	0.001145	0.001307
11.50303	0	0.001069	0.002367	0.002597
11.50539	0.000611	0.00168	0.000534	0.001866
11.50775	0.001222	-0.00076	0.000534	0.001537
11.51012	0	-0.00015	0.001756	0.001763
11.51248	-0.00122	0.000458	0.003589	0.003819
11.51484	0.000611	-0.00076	0.002367	0.002561
11.51721	0.000611	-0.00015	-7.6E-05	0.000634
11.51957	-0.00061	0.001069	0.001756	0.002145
11.52193	0.000611	0.000458	0.001756	0.001915
11.52429	0	0.000458	0.000534	0.000704
11.52666	0.000611	0.000458	0.002367	0.002487
11.52902	-0.00061	0.00168	0.003589	0.004009
11.53138	0.001222	-0.00015	0.002367	0.002668
11.53374	0.002443	-0.00199	0.001145	0.00335
11.53611	-0.00061	-0.00137	0.003589	0.003891
11.53847	0	-0.00199	0.002367	0.003089
11.54083	0.003054	-0.00015	0.003589	0.004715
11.5432	0.000611	0.000458	0.003589	0.003669
11.54556	-0.00061	0.000458	0.001145	0.001377
11.54792	0	-0.00015	0.002978	0.002982
11.55028	0	-0.00015	0.002978	0.002982
11.55265	0.001222	-0.00015	0.002367	0.002668
11.55501	0.001833	-0.00015	0.000534	0.001915
11.55737	0.000611	0.001069	0.003589	0.003794
11.55974	0.000611	0.000458	0.000534	0.000932
11.5621	-0.00061	0.000458	0.001756	0.001915

11.56446	-0.00061	0.001069	0.001756	0.002145
11.56682	0.000611	0.00168	0.002367	0.002966
11.56919	0.001222	0.00168	0.002367	0.003149
11.57155	0.001222	0.003512	0.002978	0.004764
11.57391	0	0.002902	0.002978	0.004158
11.57628	-0.00061	0.00168	0.002367	0.002966
11.57864	0.000611	0.00168	0.000534	0.001866
11.581	0.001833	0.002291	0.001756	0.003419
11.58336	0.001222	0.002291	0.001145	0.002838
11.58573	-0.00061	0.002291	-0.00069	0.002468
11.58809	-0.00122	0.002902	-7.6E-05	0.003149
11.59045	-0.00061	0.002291	0.001756	0.00295
11.59281	0.001222	0.004123	0.002367	0.004909
11.59518	0.000611	0.002902	-0.00069	0.003044
11.59754	-0.00183	0.002291	0.000534	0.002982
11.5999	-0.00183	0.00168	0.003589	0.004366
11.60227	-0.00122	0.00168	0.001756	0.00272
11.60463	0	0.00168	0.000534	0.001763
11.60699	-0.00183	0.004734	-7.6E-05	0.005077
11.60935	-0.00244	0.004123	0.001145	0.004928
11.61172	-0.00183	0.00168	0.001756	0.003044
11.61408	-0.00183	0.00168	0.003589	0.004366
11.61644	-0.00183	0.002291	0.001145	0.003149
11.61881	-0.00183	0.002291	0.001756	0.003419
11.62117	-0.00305	0.002902	0.000534	0.004247
11.62353	-0.00061	0.002902	0.000534	0.003013
11.62589	-0.00244	0.000458	-0.00069	0.002579
11.62826	-0.00244	0.002291	0.000534	0.003392
11.63062	-0.00305	0.00168	0.000534	0.003526
11.63298	-0.00305	0.002291	-0.00069	0.003879
11.63535	-0.00244	0.002902	-0.00191	0.004247
11.63771	-0.00305	0.002902	-0.00069	0.004268
11.64007	-0.00305	0.002902	-7.6E-05	0.004213
11.64243	-0.00122	0.004123	-0.00313	0.005319
11.6448	-0.00244	0.00168	-0.00069	0.003044
11.64716	-0.00305	0.00168	-0.00069	0.003553
11.64952	-0.00122	0.002291	-0.00252	0.003618
11.65189	-0.00061	0.002291	-0.00252	0.00346
11.65425	-0.00244	0.001069	-0.00069	0.002754
11.65661	-0.00305	0.003512	-0.00191	0.005031
11.65897	-0.00367	0.005956	-0.00069	0.007027
11.66134	-0.00367	0.004734	-0.00069	0.006026
11.6637	-0.00305	0.004123	-0.00069	0.005177
11.66606	-0.00611	0.005345	-7.6E-05	0.008117
11.66842	-0.00611	0.006567	-0.0013	0.009062
11.67079	-0.00489	0.006567	-0.00252	0.008564
11.67315	-0.00672	0.00901	-0.00313	0.011667
11.67551	-0.00611	0.009621	-0.00252	0.011671
11.67788	-0.00611	0.005956	-0.00069	0.008559
11.68024	-0.00733	0.009621	-0.0013	0.012165
11.6826	-0.00794	0.012064	-0.00313	0.014779
11.68496	-0.00855	0.010232	-0.00374	0.01385

11.68733	-0.00794	0.008399	-0.00557	0.012833
11.68969	-0.00794	0.006567	-0.00557	0.011715
11.69205	-0.00489	0.005345	-0.00985	0.012226
11.69442	-0.00855	0.009621	-0.01107	0.016979
11.69678	-0.00977	0.021838	-0.01535	0.028425
11.69914	-0.01283	0.023059	-0.01413	0.02993
11.7015	-0.01161	0.012064	-0.01474	0.022303
11.70387	-0.00977	0.007788	-0.02023	0.023783
11.70623	-0.01283	0.016951	-0.02634	0.03385
11.70859	-0.01283	0.023059	-0.02879	0.03905
11.71096	-0.01405	0.020616	-0.03184	0.04045
11.71332	-0.0171	0.019394	-0.03489	0.043432
11.71568	-0.01955	0.026114	-0.04039	0.051919
11.71804	-0.02627	0.032222	-0.04345	0.060131
11.72041	-0.02932	0.033444	-0.041	0.060493
11.72277	-0.03787	0.03039	-0.04222	0.064349
11.72513	-0.04765	0.032222	-0.04528	0.073203
11.72749	-0.05803	0.039552	-0.05139	0.087021
11.72986	-0.0678	0.038331	-0.06238	0.099791
11.73222	-0.07941	0.040774	-0.07888	0.119121
11.73458	-0.10445	0.044439	-0.09231	0.146313
11.73695	-0.13622	0.032833	-0.09781	0.170882
11.73931	-0.17715	0.00168	-0.09354	0.200331
11.74167	-0.2364	-0.04108	-0.07093	0.250206
11.74403	-0.30909	-0.09239	-0.03367	0.324354
11.7464	-0.40988	-0.16997	0.014584	0.443962
11.74876	-0.53388	-0.28542	0.062841	0.608639
11.75112	-0.66766	-0.42958	0.107433	0.801152
11.75349	-0.79716	-0.5658	0.142251	0.987836
11.75585	-0.90039	-0.67514	0.17035	1.138214
11.75821	-0.96941	-0.76371	0.197227	1.249768
11.76057	-1.02195	-0.87977	0.221661	1.366569
11.76294	-1.06104	-1.09846	0.227159	1.544026
11.7653	-1.10563	-1.39418	0.212498	1.792017
11.76766	-1.18199	-1.63669	0.175848	2.026517
11.77003	-1.27858	-1.81689	0.142862	2.226266
11.77239	-1.41297	-1.99953	0.125147	2.451584
11.77475	-1.56812	-2.09055	0.117206	2.615938
11.77711	-1.71045	-2.03374	0.116595	2.659948
11.77948	-1.85033	-1.87553	0.133088	2.638002
11.78184	-1.99755	-1.68006	0.158133	2.614918
11.7842	-2.13499	-1.51391	0.164852	2.622455
11.78657	-2.25044	-1.42228	0.142862	2.666039
11.78893	-2.34695	-1.38617	0.097659	2.727485
11.79129	-2.40498	-1.36051	0.034742	2.763355
11.79365	-2.41414	-1.30492	-0.02879	2.744403
11.79602	-2.36894	-1.20597	-0.08437	2.659578
11.79838	-2.26876	-1.08502	-0.13019	2.518233
11.80074	-2.12582	-0.98301	-0.16378	2.34782
11.8031	-1.9554	-0.95307	-0.19371	2.183909
11.80547	-1.7868	-1.04959	-0.22242	2.084173
11.80783	-1.62737	-1.21207	-0.24442	2.043821

11.81019	-1.46367	-1.34096	-0.26274	2.002382
11.81256	-1.29691	-1.40029	-0.27374	1.928136
11.81492	-1.12946	-1.3954	-0.27801	1.816622
11.81728	-0.97186	-1.38617	-0.27679	1.715393
11.81964	-0.82464	-1.40579	-0.26946	1.651935
11.82201	-0.70125	-1.45221	-0.26885	1.634918
11.82437	-0.59924	-1.49497	-0.28107	1.63494
11.82673	-0.51739	-1.52551	-0.29695	1.638006
11.8291	-0.44775	-1.53407	-0.31711	1.629232
11.83146	-0.37567	-1.5023	-0.33421	1.584215
11.83382	-0.30237	-1.43877	-0.34704	1.510607
11.83618	-0.22907	-1.37395	-0.36231	1.439261
11.83855	-0.16249	-1.31592	-0.37453	1.377792
11.84091	-0.09468	-1.26155	-0.39224	1.324512
11.84327	-0.02443	-1.20352	-0.40934	1.271465
11.84564	0.054976	-1.14427	-0.42767	1.222815
11.848	0.142938	-1.09174	-0.44477	1.187495
11.85036	0.244339	-1.06791	-0.45882	1.187712
11.85272	0.358567	-1.05997	-0.47593	1.215985
11.85509	0.489289	-1.0447	-0.49608	1.255749
11.85745	0.634059	-1.02454	-0.52052	1.312501
11.85981	0.790436	-1.00255	-0.5474	1.38908
11.86217	0.955365	-0.9769	-0.56755	1.479584
11.86454	1.125792	-0.95369	-0.58405	1.586831
11.8669	1.299272	-0.93841	-0.59871	1.7109
11.86926	1.468553	-0.93414	-0.61337	1.845395
11.87163	1.635925	-0.91765	-0.62436	1.976905
11.87399	1.800854	-0.86389	-0.63352	2.095408
11.87635	1.959064	-0.77654	-0.64452	2.203713
11.87871	2.108721	-0.6672	-0.65124	2.305639
11.88108	2.247383	-0.56152	-0.65796	2.408101
11.88344	2.380548	-0.46928	-0.66101	2.514791
11.8858	2.507604	-0.38987	-0.66162	2.622561
11.88817	2.632828	-0.31718	-0.65857	2.732417
11.89053	2.747667	-0.24816	-0.65368	2.835235
11.89289	2.854566	-0.15775	-0.64513	2.930806
11.89525	2.954134	-0.0026	-0.63963	3.022589
11.89762	3.038431	0.18188	-0.6323	3.10885
11.89998	3.098294	0.32604	-0.62131	3.176751
11.90234	3.134944	0.428662	-0.60482	3.221402
11.90471	3.164876	0.524565	-0.57977	3.260022
11.90707	3.185034	0.636961	-0.54495	3.293499
11.90943	3.199084	0.776234	-0.50647	3.330643
11.91179	3.205803	0.956434	-0.47287	3.37869
11.91416	3.199084	1.144575	-0.44294	3.426424
11.91652	3.186256	1.313245	-0.41729	3.47145
11.91888	3.163654	1.450686	-0.39774	3.503055
11.92124	3.130058	1.562471	-0.37514	3.518424
11.92361	3.090964	1.657763	-0.35192	3.525065
11.92597	3.051258	1.756109	-0.32444	3.535443
11.92833	3.014608	1.861175	-0.28779	3.554526
11.9307	2.984065	1.983956	-0.24869	3.592015

11.93306	2.955355	2.115899	-0.21448	3.641038
11.93542	2.920537	2.225851	-0.1931	3.677124
11.93778	2.881443	2.29732	-0.1815	3.689625
11.94015	2.844181	2.331528	-0.16501	3.681388
11.94251	2.819136	2.362681	-0.1534	3.681484
11.94487	2.802644	2.415825	-0.14363	3.702924
11.94724	2.798979	2.456141	-0.13263	3.726191
11.9496	2.813028	2.445756	-0.11614	3.729388
11.95196	2.838073	2.399943	-0.1027	3.718189
11.95432	2.885719	2.278995	-0.08254	3.678043
11.95669	2.963296	2.036488	-0.04833	3.595935
11.95905	3.076303	1.702355	-0.00863	3.515925
11.96141	3.230848	1.343177	0.026801	3.499031
11.96378	3.419599	1.085934	0.031688	3.588024
11.96614	3.657219	0.994917	0.000534	3.790133
11.9685	3.955312	1.071884	-0.04894	4.098271
11.97086	4.289522	1.231926	-0.10759	4.464215
11.97323	4.623045	1.350507	-0.16928	4.81924
11.97559	4.918695	1.387769	-0.22426	5.115638
11.97795	5.167921	1.337068	-0.27313	5.345068
11.98032	5.285814	1.087155	-0.26518	5.402967
11.98268	5.251606	0.646124	-0.18028	5.294275
11.98504	5.214345	-0.05452	-0.1308	5.21627
11.9874	5.249774	-0.67331	-0.13874	5.294593
11.98977	5.221675	-1.05509	-0.18455	5.330399
11.99213	5.090343	-1.14671	-0.25908	5.224334
11.99449	4.882044	-0.81808	-0.31405	4.960064
11.99685	4.668248	-0.26954	-0.32199	4.687096
11.99922	4.477663	0.294886	-0.30611	4.497791
12.00158	4.171628	0.519067	-0.29328	4.214016
12.00394	3.719525	0.400563	-0.311	3.753936
12.00631	3.209468	0.221585	-0.32749	3.233734
12.00867	2.700021	0.163554	-0.32138	2.723995
12.01103	2.249827	0.259457	-0.30061	2.284602
12.01339	1.853998	0.424997	-0.27679	1.922119
12.01576	1.455114	0.581374	-0.26152	1.58863
12.01812	1.053101	0.666892	-0.25236	1.27179
12.02048	0.666434	0.636961	-0.24747	0.954513
12.02285	0.300537	0.509294	-0.23892	0.637796
12.02521	-0.02871	0.383459	-0.23525	0.450787
12.02757	-0.31825	0.3407	-0.22914	0.519488
12.02993	-0.56259	0.37674	-0.22975	0.715002
12.0323	-0.77211	0.448209	-0.23403	0.922939
12.03466	-0.95414	0.503796	-0.24564	1.106588
12.03702	-1.11602	0.516013	-0.25908	1.256537
12.03939	-1.25842	0.481806	-0.26824	1.373941
12.04175	-1.38365	0.42011	-0.27557	1.472041
12.04411	-1.48871	0.35536	-0.27862	1.55569
12.04647	-1.56995	0.302828	-0.28595	1.624262
12.04884	-1.63531	0.262512	-0.29328	1.682017
12.0512	-1.69457	0.241743	-0.30245	1.738237
12.05356	-1.75871	0.222807	-0.30917	1.79952

12.05592	-1.82529	0.187377	-0.31405	1.861562
12.05829	-1.90287	0.154392	-0.31222	1.934481
12.06065	-1.99205	0.131179	-0.30245	2.019144
12.06301	-2.08856	0.114687	-0.28656	2.111248
12.06538	-2.19424	0.094529	-0.26335	2.212008
12.06774	-2.30908	0.06704	-0.24014	2.3225
12.0701	-2.44285	0.018784	-0.21326	2.452218
12.07246	-2.59129	-0.04474	-0.1815	2.598024
12.07483	-2.74645	-0.11377	-0.1534	2.753078
12.07719	-2.89855	-0.18646	-0.13324	2.907592
12.07955	-3.05309	-0.26648	-0.1143	3.06683
12.08192	-3.20458	-0.32085	-0.1082	3.22242
12.08428	-3.36646	-0.33856	-0.10453	3.385052
12.08664	-3.5155	-0.32146	-0.10881	3.531845
12.089	-3.66027	-0.27992	-0.1198	3.672915
12.09137	-3.78855	-0.23472	-0.13446	3.798196
12.09373	-3.91385	-0.20784	-0.15706	3.922512
12.09609	-4.03297	-0.20967	-0.1815	4.042489
12.09846	-4.14231	-0.22617	-0.21326	4.153955
12.10082	-4.24432	0.001069	-0.23403	4.250767
12.10318	-4.13376	0.833043	-0.15951	4.219875
12.10554	-3.73296	1.451908	-0.01901	4.005424
12.10791	-3.1606	1.129915	0.020692	3.356565
12.11027	-2.52654	0.258847	0.013362	2.539801
12.11263	-1.91325	-0.54197	0.006032	1.988542
12.115	-1.3757	-0.91581	0.02619	1.652865
12.11736	-0.83503	-0.99583	0.059787	1.300973
12.11972	-0.34818	-0.9604	0.073836	1.024236
12.12208	0.006719	-0.9097	0.082999	0.913507
12.12445	0.207688	-0.89016	0.087886	0.91828
12.12681	0.260221	-0.86694	0.089718	0.909592
12.12917	0.193639	-0.7857	0.09094	0.814306
12.13153	0.047035	-0.64032	0.089718	0.648284
12.1339	-0.14294	-0.43874	0.085442	0.469282
12.13626	-0.34513	-0.21761	0.078112	0.415417
12.13862	-0.54854	-0.01176	0.070782	0.553214
12.14099	-0.74646	0.144618	0.075058	0.764031
12.14335	-0.92238	0.229526	0.087886	0.954563
12.14571	-1.06715	0.247851	0.109876	1.101051
12.14807	-1.16489	0.233191	0.136143	1.195772
12.15044	-1.21192	0.218531	0.160576	1.241891
12.1528	-1.20276	0.222196	0.181345	1.236481
12.15516	-1.1429	0.245408	0.200892	1.186083
12.15753	-1.05188	0.252738	0.22105	1.104169
12.15989	-0.93948	0.227082	0.2351	0.99472
12.16225	-0.81915	0.165387	0.238765	0.869116
12.16461	-0.70003	0.085366	0.233267	0.742795
12.16698	-0.58764	0.017562	0.225937	0.629818
12.16934	-0.49234	-0.02398	0.215553	0.537996
12.1717	-0.42271	-0.03864	0.200282	0.469346
12.17407	-0.38361	-0.03314	0.18501	0.427183
12.17643	-0.37567	-0.02031	0.169128	0.412487

12.17879	-0.39705	-0.0026	0.157522	0.427164
12.18115	-0.44592	0.022449	0.14897	0.47068
12.18352	-0.5125	0.048715	0.147138	0.535425
12.18588	-0.58764	0.071316	0.147749	0.610107
12.18824	-0.66521	0.090253	0.153246	0.688577
12.1906	-0.74707	0.106746	0.157522	0.770919
12.19297	-0.82098	0.114687	0.167296	0.845664
12.19533	-0.88267	0.117741	0.179513	0.908406
12.19769	-0.9346	0.111021	0.189286	0.960013
12.20006	-0.97247	0.091474	0.198449	0.996717
12.20242	-0.99568	0.063375	0.208223	1.019193
12.20478	-1.00607	0.031611	0.218607	1.030027
12.20714	-1.0079	0.001069	0.227159	1.03318
12.20951	-1.0024	-0.02764	0.234489	1.029833
12.21187	-0.99018	-0.05024	0.239987	1.020089
12.21423	-0.9743	-0.07223	0.244873	1.007196
12.2166	-0.95842	-0.09606	0.251593	0.995537
12.21896	-0.94376	-0.12049	0.254647	0.984908
12.22132	-0.93154	-0.14431	0.25648	0.976923
12.22368	-0.92055	-0.16752	0.263199	0.97198
12.22605	-0.91138	-0.18524	0.268086	0.967887
12.22841	-0.90283	-0.20173	0.273583	0.964702
12.23077	-0.89978	-0.21639	0.281524	0.967307
12.23314	-0.89672	-0.23411	0.291298	0.97148
12.2355	-0.901	-0.24877	0.304126	0.982944
12.23786	-0.90772	-0.25915	0.317564	0.995972
12.24022	-0.91994	-0.26893	0.334057	1.014986
12.24259	-0.9346	-0.27137	0.35055	1.034406
12.24495	-0.95842	-0.27076	0.366432	1.061202
12.24731	-0.98591	-0.26404	0.384147	1.09055
12.24968	-1.02073	-0.25182	0.399418	1.124647
12.25204	-1.06226	-0.23838	0.416521	1.165642
12.2544	-1.11052	-0.217	0.431793	1.211111
12.25676	-1.15756	-0.1889	0.446453	1.254966
12.25913	-1.20215	-0.15958	0.457448	1.296103
12.26149	-1.24437	-0.13087	0.466611	1.335409
12.26385	-1.27858	-0.11133	0.472719	1.367707
12.26621	-1.3079	-0.0985	0.479439	1.396484
12.26858	-1.32745	-0.09483	0.48066	1.414972
12.27094	-1.336	-0.09178	0.476385	1.421359
12.2733	-1.33966	-0.09178	0.470887	1.422975
12.27567	-1.33539	-0.09117	0.465389	1.417096
12.27803	-1.325	-0.08995	0.45867	1.405028
12.28039	-1.30607	-0.09422	0.448286	1.38407
12.28275	-1.28347	-0.10461	0.439734	1.360733
12.28512	-1.2572	-0.11499	0.426906	1.332675
12.28748	-1.23032	-0.12538	0.420187	1.306128
12.28984	-1.20031	-0.13454	0.410413	1.275655
12.29221	-1.17222	-0.13637	0.402472	1.246865
12.29457	-1.14717	-0.13393	0.394531	1.220489
12.29693	-1.11724	-0.12782	0.388422	1.18972
12.29929	-1.09403	-0.12354	0.381092	1.165071

12.30166	-1.07815	-0.11927	0.370708	1.146319
12.30402	-1.06593	-0.11377	0.367043	1.133079
12.30638	-1.05677	-0.10827	0.361545	1.122137
12.30875	-1.05127	-0.10461	0.360934	1.116414
12.31111	-1.05127	-0.09911	0.358491	1.115125
12.31347	-1.0476	-0.09789	0.359102	1.111759
12.31583	-1.0476	-0.09422	0.362156	1.112433
12.3182	-1.04882	-0.09483	0.365821	1.114833
12.32056	-1.05005	-0.09606	0.370097	1.117495
12.32292	-1.05127	-0.09728	0.376206	1.120785
12.32528	-1.0531	-0.10094	0.381703	1.124681
12.32765	-1.0586	-0.10278	0.387812	1.132074
12.33001	-1.06349	-0.10216	0.390866	1.137635
12.33237	-1.06776	-0.09667	0.394531	1.142415
12.33474	-1.07631	-0.08689	0.393309	1.149214
12.3371	-1.08548	-0.07284	0.389033	1.155383
12.33946	-1.09219	-0.0594	0.376816	1.156896
12.34182	-1.09769	-0.06002	0.365821	1.158601
12.34419	-1.09891	-0.0649	0.360934	1.15849
12.34655	-1.09403	-0.06368	0.351161	1.150767
12.34891	-1.08059	-0.05757	0.340776	1.134511
12.35128	-1.06349	-0.05207	0.32917	1.11448
12.35364	-1.04211	-0.05269	0.315732	1.090159
12.356	-1.02073	-0.07284	0.302293	1.067037
12.35836	-0.99568	-0.10522	0.287022	1.041553
12.36073	-0.97186	-0.14126	0.274194	1.019629
12.36309	-0.94742	-0.17302	0.259534	0.99745
12.36545	-0.92116	-0.19685	0.247928	0.974037
12.36782	-0.90161	-0.21456	0.233267	0.955694
12.37018	-0.88634	-0.23105	0.222883	0.942688
12.37254	-0.87534	-0.24816	0.212498	0.934326
12.3749	-0.87107	-0.2677	0.202114	0.933421
12.37727	-0.87168	-0.2842	0.198449	0.938069
12.37963	-0.87779	-0.29886	0.196616	0.947884
12.38199	-0.88756	-0.30252	0.196006	0.957968
12.38436	-0.88023	-0.28053	0.192951	0.943787
12.38672	-0.80326	-0.17363	0.178291	0.840934
12.38908	-0.11362	0.541669	0.115985	0.565479
12.39144	2.399484	3.819551	-0.30306	4.520878
12.39381	4.605941	6.046166	-0.66468	7.629719
12.39617	5.069574	4.332129	-0.5816	6.693742
12.39853	4.200338	0.341922	-0.2774	4.223352
12.40089	3.262612	-3.33607	-0.05872	4.666628
12.40326	2.90099	-4.92618	0.026801	5.716965
12.40562	2.762328	-3.73678	0.037796	4.647087
12.40798	1.910196	0.526398	0.012141	1.981436
12.41035	0.948035	3.498857	0.103157	3.626487
12.41271	0.033597	3.380963	0.246706	3.390119
12.41507	-0.61696	2.034045	0.294963	2.145921
12.41743	-1.11113	1.079214	0.321229	1.581931
12.4198	-1.39159	0.964375	0.333446	1.725607
12.42216	-1.32317	1.216655	0.319397	1.825663

12.42452	-0.91688	1.355394	0.326727	1.668687
12.42689	-0.32864	1.138467	0.37193	1.24195
12.42925	0.316419	0.519678	0.35788	0.705879
12.43161	0.842358	-0.228	0.264421	0.911849
12.43397	1.18932	-0.81319	0.164852	1.45015
12.43634	1.422663	-1.1235	0.104989	1.815832
12.4387	1.608437	-1.13816	0.056122	1.9712
12.44106	1.745878	-0.96163	0.060398	1.994107
12.44343	1.799021	-0.72828	0.11232	1.944091
12.44579	1.78375	-0.35628	0.111709	1.82241
12.44815	1.656694	0.039552	0.056122	1.658116
12.45051	1.477716	0.396287	-0.0239	1.530117
12.45288	1.263843	0.574044	-0.06544	1.389643
12.45524	0.988962	0.444544	-0.05811	1.085837
12.4576	0.723243	0.18188	-0.03673	0.746666
12.45996	0.52655	0.106746	-0.0184	0.537577
12.46233	0.347572	0.260679	0.008476	0.434548
12.46469	0.190584	0.522733	0.038407	0.557716
12.46705	0.064139	0.749968	0.070171	0.755969
12.46942	-0.0452	0.833043	0.097048	0.839894
12.47178	-0.12767	0.75852	0.117817	0.778159
12.47414	-0.18936	0.576487	0.131867	0.620954
12.4765	-0.22174	0.376129	0.132477	0.45628
12.47887	-0.22479	0.225861	0.118428	0.339955
12.48123	-0.19303	0.118352	0.108044	0.250879
12.48359	-0.12522	0.098805	0.093994	0.185144
12.48596	-0.05314	0.165387	0.046959	0.179951
12.48832	0.006719	0.194097	-0.0068	0.194332
12.49068	0.05742	0.164165	-0.04589	0.17987
12.49304	0.086129	0.129958	-0.07399	0.172574
12.49541	0.080632	0.079868	-0.09476	0.147849
12.49777	0.039705	-0.00443	-0.11308	0.119933
12.50013	-0.02016	-0.09422	-0.13385	0.164926
12.5025	-0.10812	-0.18157	-0.15279	0.260775
12.50486	-0.22418	-0.26526	-0.1815	0.39187
12.50722	-0.36712	-0.34467	-0.21693	0.548299
12.50958	-0.53938	-0.4253	-0.25052	0.731145
12.51195	-0.74462	-0.51082	-0.28473	0.946823
12.51431	-0.98652	-0.62016	-0.32016	1.208438
12.51667	-1.2853	-0.73134	-0.34521	1.518556
12.51904	-1.99266	0.147672	-0.32077	2.023708
12.5214	-2.38849	3.372411	-0.23525	4.139249
12.52376	-0.58764	3.150674	-0.11003	3.206894
12.52612	1.09586	-0.24205	-0.0184	1.122424
12.52849	1.108688	-2.07283	-0.0746	2.351891
12.53085	0.507614	-1.97143	-0.21021	2.04656
12.53321	0.167372	-1.36845	-0.20105	1.39323
12.53557	0.125835	-0.72401	-0.11553	0.743886
12.53794	0.152101	-0.06124	-0.04711	0.1706
12.5403	0.176535	0.481195	0.015806	0.512799
12.54266	0.163707	0.701711	0.073225	0.724265
12.54503	0.101401	0.616803	0.115374	0.635641

12.54739	0.025045	0.336424	0.131256	0.36199
12.54975	-0.06719	-0.03741	0.11965	0.142235
12.55211	-0.20952	-0.39476	0.070782	0.452487
12.55448	-0.44836	-0.67453	-0.01413	0.810072
12.55684	-0.82159	-0.35078	-0.06422	0.895644
12.5592	-1.10441	0.8306	-0.04284	1.382554
12.56157	-0.77211	1.564304	-0.07765	1.746205
12.56393	-0.10018	0.977203	-0.09598	0.987002
12.56629	0.299926	0.064597	-0.08559	0.31852
12.56865	0.331079	-0.60978	-0.08804	0.699424
12.57102	0.20158	-0.64887	-0.10636	0.687738
12.57338	0.100179	-0.35139	-0.09354	0.377173
12.57574	0.068415	-0.0026	-0.06544	0.094707
12.57811	0.045814	0.28267	-0.03978	0.289108
12.58047	-0.00122	0.437825	-0.01962	0.438266
12.58283	-0.04887	0.39812	-0.00924	0.401214
12.58519	-0.05864	0.215476	-0.00863	0.22348
12.58756	-0.01955	0.049326	-0.01107	0.054201
12.58992	0.049479	-0.02336	-0.00985	0.055597
12.59228	0.101401	-0.0368	-0.01229	0.108571
12.59465	0.101401	-0.04658	-0.01168	0.112196
12.59701	0.055587	-0.06918	-0.00802	0.089106
12.59937	-0.00611	-0.09667	-0.00802	0.097191
12.60173	-0.0507	-0.1156	-0.00618	0.126384
12.6041	-0.06536	-0.09422	-0.0068	0.114875
12.60646	-0.05314	-0.03803	-0.00741	0.065765
12.60882	-0.02016	0.021227	-0.00802	0.030351
12.61118	0.015882	0.057878	-0.00924	0.060724
12.61355	0.041538	0.063986	-0.01046	0.077
12.61591	0.049479	0.056656	-0.01107	0.07603
12.61827	0.042759	0.049326	-0.00924	0.06593
12.62064	0.031153	0.044439	-0.01046	0.05527
12.623	0.018325	0.032833	-0.00863	0.038578
12.62536	0.014049	0.021838	-0.00496	0.026437
12.62772	0.009163	0.00901	-0.00252	0.013095
12.63009	0.009163	-0.0026	-0.0013	0.009611
12.63245	0.003054	-0.01054	0.001756	0.011111
12.63481	0.001833	-0.00993	0.002367	0.010368
12.63718	0.001222	-0.00809	0.002978	0.00871
12.63954	0.00733	-0.00687	0.002367	0.010323
12.6419	0.004887	-0.00809	0.005421	0.010899
12.64426	0.004887	-0.01237	0.006032	0.014604
12.64663	0.004276	-0.01848	0.007865	0.020532
12.64899	0.004276	-0.02764	0.008476	0.029226
12.65135	0.000611	-0.02886	0.012751	0.03156
12.65372	-0.00183	-0.02336	0.015806	0.028268
12.65608	-0.00183	-0.01237	0.01886	0.022629
12.65844	0.001222	0.003512	0.021914	0.022227
12.6608	0.005498	0.020005	0.023747	0.031533
12.66317	0.008552	0.027946	0.024358	0.038045
12.66553	0.014049	0.028557	0.023747	0.039709
12.66789	0.015882	0.023059	0.023747	0.036714

12.67025	0.017715	0.012675	0.021303	0.030468
12.67262	0.017104	0.005956	0.019471	0.026592
12.67498	0.013439	0.00168	0.020082	0.024222
12.67734	0.011606	0.004123	0.017638	0.021513
12.67971	0.012217	0.007788	0.014584	0.020557
12.68207	0.010384	0.010843	0.015806	0.021799
12.68443	0.010384	0.015729	0.014584	0.023831
12.68679	0.010384	0.015729	0.012141	0.02242
12.68916	0.009163	0.015729	0.007865	0.01983
12.69152	0.010384	0.01634	0.007865	0.020897
12.69388	0.00733	0.018784	0.007254	0.021428
12.69625	0.009163	0.020005	0.006032	0.022816
12.69861	0.007941	0.017562	0.00481	0.019865
12.70097	0.007941	0.015729	0.0042	0.018114
12.70333	0.006108	0.015118	0.00481	0.017001
12.7057	0.004276	0.012675	0.002978	0.013704
12.70806	0.004887	0.010843	0.002978	0.01226
12.71042	0.005498	0.008399	0.001145	0.010104
12.71279	0.004276	0.005956	0.002978	0.007913
12.71515	0.003665	0.002902	0.002367	0.00524
12.71751	0.002443	-0.00015	0.000534	0.002506
12.71987	0.001222	-0.00321	-7.6E-05	0.003433
12.72224	0	-0.00137	-7.6E-05	0.001377
12.7246	-0.00122	-0.00076	0.001145	0.00184
12.72696	-0.00122	0.001069	0.002978	0.003392
12.72933	-0.00183	0.001069	0.001145	0.002411
12.73169	0	0.002902	-7.6E-05	0.002903
12.73405	-0.00061	0.003512	0.000534	0.003605
12.73641	-0.00305	0.001069	0.000534	0.00328
12.73878	-0.00672	0.001069	0.001756	0.007027
12.74114	-0.00489	0.002902	-7.6E-05	0.005684
12.7435	-0.00367	0.003512	-7.6E-05	0.005077
12.74586	-0.0055	0.002291	0.000534	0.00598
12.74823	-0.00367	0.003512	0.001756	0.005372
12.75059	-0.00672	0.000458	-7.6E-05	0.006735
12.75295	-0.00367	0.001069	0.001756	0.004202
12.75532	-0.00428	0.001069	0.001145	0.004554
12.75768	-0.00367	0.002291	0.001145	0.004471
12.76004	-0.00672	0.004734	-0.0013	0.008321
12.7624	-0.0055	0.004734	-0.0013	0.00737
12.76477	-0.0055	0.003512	-7.6E-05	0.006524
12.76713	-0.00611	0.002902	-0.00069	0.006797
12.76949	-0.0055	0.00168	-0.00069	0.005789
12.77186	-0.0055	0.000458	0.000534	0.005543
12.77422	-0.00672	0.00168	0.001756	0.007145
12.77658	-0.00367	0.000458	0.001145	0.003867
12.77894	-0.0055	-0.00137	0.002367	0.006141
12.78131	-0.00489	-0.00199	0.001756	0.005559
12.78367	-0.00489	-0.0026	-7.6E-05	0.005534
12.78603	-0.00367	-0.00137	-0.0013	0.004124
12.7884	-0.00489	0.000458	-7.6E-05	0.004909
12.79076	-0.00489	0.002902	0.001145	0.005798

12.79312	-0.00367	0.005956	-7.6E-05	0.006994
12.79548	-0.00122	0.005956	-0.00069	0.006118
12.79785	-0.00122	0.006567	-0.00069	0.006715
12.80021	0.001222	0.006567	0.000534	0.006701
12.80257	-0.00122	0.007788	0.000534	0.007902
12.80493	0	0.00901	-0.00069	0.009036
12.8073	0.000611	0.011453	0.000534	0.011482
12.80966	0.001222	0.010232	-0.00069	0.010327
12.81202	0.003665	0.010843	-0.0013	0.011519
12.81439	0.004887	0.010232	-0.00252	0.011615
12.81675	0.003665	0.011453	-0.00313	0.012426
12.81911	0.003665	0.013286	-0.00496	0.014649
12.82147	0.003054	0.015729	-0.00618	0.017175
12.82384	0.002443	0.018784	-0.00496	0.019581
12.8262	0.003665	0.018173	-0.00802	0.020198
12.82856	0.006108	0.018173	-0.00618	0.020145
12.83093	0.005498	0.01634	-0.00802	0.019013
12.83329	0.004887	0.01634	-0.00924	0.019397
12.83565	0.004276	0.018173	-0.00863	0.020566
12.83801	0.003665	0.015729	-0.00741	0.017768
12.84038	0.004276	0.015118	-0.00741	0.01737
12.84274	0.002443	0.014508	-0.0068	0.016206
12.8451	0.000611	0.013897	-0.00863	0.016369
12.84747	0.001222	0.013897	-0.00802	0.01609
12.84983	0.001222	0.011453	-0.00741	0.013694
12.85219	0.001222	0.011453	-0.00741	0.013694
12.85455	-0.00183	0.008399	-0.00741	0.011347
12.85692	-0.00122	0.007177	-0.00557	0.009169
12.85928	-0.00061	0.005956	-0.00802	0.010006
12.86164	0.001222	0.006567	-0.00802	0.010435
12.86401	0.001222	0.007177	-0.00741	0.010386
12.86637	0	0.007177	-0.00618	0.009475
12.86873	-0.00122	0.006567	-0.00557	0.0087
12.87109	-0.00061	0.004734	-0.00496	0.006886
12.87346	0.000611	0.003512	-0.00496	0.006111
12.87582	0.001833	0.003512	-0.00557	0.006838
12.87818	0.002443	0.003512	-0.00496	0.006553
12.88054	0.001222	0.004123	-0.00557	0.00704
12.88291	0	0.004123	-0.00557	0.006933
12.88527	-0.00061	0.002902	-0.00435	0.005266
12.88763	0.001222	0.004123	-0.00618	0.007533
12.89	0.001833	0.003512	-0.00557	0.006838
12.89236	0.001833	0.002291	-0.00618	0.006845
12.89472	0	0.00168	-0.00313	0.003553
12.89708	-0.00122	0.003512	-0.00557	0.006701
12.89945	-0.00183	0.002902	-0.00374	0.005077
12.90181	0.000611	0.000458	-0.00435	0.004419
12.90417	0.000611	0.00168	-0.00374	0.004146
12.90654	0.001222	0.002902	-0.00374	0.00489
12.9089	-0.00061	0.005345	-0.00252	0.005941
12.91126	-0.00122	0.006567	-0.00191	0.006947
12.91362	0	0.005345	-0.00069	0.005389

12.91599	-0.00183	0.005956	-0.00069	0.006269
12.91835	-0.00367	0.004734	-7.6E-05	0.005987
12.92071	-0.00122	0.003512	-0.00069	0.003782
12.92308	0	0.004123	0.001145	0.004279
12.92544	-0.00061	0.005345	0.000534	0.005406
12.9278	-0.00183	0.007177	0.000534	0.007427
12.93016	-0.00244	0.005956	0.001145	0.006539
12.93253	-0.00305	0.005956	-0.00069	0.006728
12.93489	-0.00305	0.007177	-0.00191	0.00803
12.93725	-0.00244	0.006567	-0.0013	0.007126
12.93961	-0.00122	0.007788	-0.00191	0.008111
12.94198	-0.00061	0.005956	-0.00069	0.006026
12.94434	-0.00122	0.005956	-0.00191	0.006372
12.9467	0	0.005956	-0.00069	0.005995
12.94907	-0.00183	0.004123	-0.00252	0.005168
12.95143	-0.00244	0.007177	-0.00069	0.007613
12.95379	-0.00061	0.007177	-0.00374	0.008117
12.95615	-0.00122	0.005956	-0.00069	0.006118
12.95852	-0.00244	0.005956	-0.00374	0.007446
12.96088	-0.00183	0.007788	-0.0013	0.008106
12.96324	-0.00183	0.007788	-0.00313	0.008592
12.96561	0	0.007177	-0.00313	0.00783
12.96797	0.000611	0.007177	-0.00557	0.009108
12.97033	0.000611	0.006567	-0.00252	0.00706
12.97269	0.000611	0.006567	-0.00435	0.007902
12.97506	0.001222	0.008399	-0.00435	0.009538
12.97742	0.001833	0.007788	-0.00496	0.009415
12.97978	0.001833	0.006567	-0.00557	0.008806
12.98215	0.002443	0.007177	-0.00741	0.010599
12.98451	0.002443	0.004734	-0.00802	0.009626
12.98687	0.001222	0.004734	-0.00618	0.007884
12.98923	0.002443	0.004734	-0.00557	0.00771
12.9916	0	0.005956	-0.00618	0.008586
12.99396	0	0.008399	-0.00496	0.009756
12.99632	0.001222	0.005345	-0.00557	0.007819
12.99869	0.002443	0.004123	-0.00252	0.005415
13.00105	0.002443	0.004734	-0.00191	0.005659
13.00341	0.002443	0.003512	-0.00191	0.004685
13.00577	0.001222	0.002902	-0.0013	0.003405
13.00814	0.002443	0.003512	-0.00069	0.004333
13.0105	0.002443	0.002902	-0.00069	0.003855
13.01286	0.003054	0.002902	0.002367	0.004832
13.01522	0.003054	0.002902	0.00481	0.006394
13.01759	0.003054	0.002902	0.00481	0.006394
13.01995	0.001222	0.003512	0.005421	0.006574
13.02231	0	0.002902	0.00481	0.005618
13.02468	0.002443	0.00168	0.0042	0.005141
13.02704	0.002443	0.00168	0.005421	0.006179
13.0294	0.001222	0.001069	0.00481	0.005077
13.03176	0.001222	-0.00076	0.005421	0.005609
13.03413	0	-0.00076	0.00481	0.004871
13.03649	-0.00061	0.001069	0.003589	0.003794

13.03885	-0.00122	0.002291	0.0042	0.004937
13.04122	-0.00122	0.001069	0.0042	0.004502
13.04358	-0.00183	0.00168	0.002978	0.003879
13.04594	0.001222	0.000458	0.003589	0.003819
13.0483	0.000611	-0.00076	0.003589	0.00372
13.05067	0.001222	-0.0026	0.00481	0.005601
13.05303	0.002443	-0.00199	0.0042	0.005249
13.05539	0.000611	-0.00137	0.002978	0.003336
13.05776	0.000611	0.000458	0.001756	0.001915
13.06012	0	0.000458	0.002367	0.002411
13.06248	0	0.001069	0.001756	0.002056
13.06484	0.001222	0.001069	0.001145	0.001987
13.06721	0.001222	0.00168	0.000534	0.002145
13.06957	0.001833	0.001069	0.000534	0.002188
13.07193	0.003054	0.001069	-0.00069	0.003308
13.0743	0.001222	0.000458	0.000534	0.00141
13.07666	0.000611	0.00168	-7.6E-05	0.001789
13.07902	0.001833	0.00168	-7.6E-05	0.002487
13.08138	0.000611	0.00168	0.001756	0.002506
13.08375	0.001222	0.00168	0.000534	0.002145
13.08611	0.000611	0.00168	-0.00069	0.001915
13.08847	0.000611	0.000458	0.001145	0.001377
13.09083	0.001222	0.003512	-7.6E-05	0.00372
13.0932	0.000611	0.001069	0.001756	0.002145
13.09556	0	0.002902	-0.0013	0.003179
13.09792	0.000611	0.003512	-0.00069	0.003631
13.10029	0.001222	0.002291	-7.6E-05	0.002597
13.10265	0	0.002902	-0.0013	0.003179
13.10501	0	0.002902	-7.6E-05	0.002903
13.10737	-0.00183	0.002902	-7.6E-05	0.003433
13.10974	0.000611	0.003512	-0.00191	0.004044
13.1121	0.001833	0.004123	-0.00252	0.005168
13.11446	0.000611	0.003512	-0.00374	0.005168
13.11683	0	0.004123	-0.00069	0.00418
13.11919	0.000611	0.004734	-0.00313	0.005708
13.12155	0.003665	0.002291	-0.0013	0.004513
13.12391	0.003665	0.002902	-7.6E-05	0.004675
13.12628	0.002443	0.005345	-0.00069	0.005917
13.12864	0.000611	0.005956	-0.0013	0.006126
13.131	0.003665	0.005345	-0.0013	0.00661
13.13337	0.001833	0.005345	-0.0013	0.005798
13.13573	0.001833	0.005345	-0.0013	0.005798
13.13809	0.001833	0.004734	-0.00191	0.005423
13.14045	0.001833	0.004123	-7.6E-05	0.004513
13.14282	0.001222	0.005956	-0.00069	0.006118
13.14518	0.002443	0.004734	-7.6E-05	0.005328
13.14754	0.002443	0.004123	-0.00069	0.004842
13.1499	0.003054	0.003512	0.001145	0.004793
13.15227	0.002443	0.006567	0.001145	0.007099
13.15463	0.002443	0.004123	0.001145	0.004928
13.15699	0	0.004123	-7.6E-05	0.004124
13.15936	0.001222	0.004123	0.001145	0.00445

13.16172	0.000611	0.003512	0.001145	0.003745
13.16408	0.001833	0.003512	0.001756	0.004333
13.16644	0.001833	0.002902	0.001145	0.003618
13.16881	0.001222	0.002902	0.001145	0.00335
13.17117	0.000611	0.00168	0.002367	0.002966
13.17353	0.001222	0.00168	-0.0013	0.002449
13.1759	0.000611	0.002291	-0.00191	0.003044
13.17826	0.001222	0.002291	-0.00069	0.002686
13.18062	0.001833	0.003512	0.000534	0.003998
13.18298	0	0.004734	0.000534	0.004764
13.18535	0.001222	0.003512	-0.0013	0.003939
13.18771	0.001833	0.002902	0.000534	0.003473
13.19007	0.002443	0.002902	0.001145	0.003962
13.19244	0.000611	0.002291	-0.00191	0.003044
13.1948	0	0.002291	-0.00069	0.002392
13.19716	0.001222	0.00168	0.001145	0.002372
13.19952	0.002443	0.002291	0.000534	0.003392
13.20189	0.001833	0.00168	0.001145	0.002737
13.20425	0.000611	0.00168	0.001756	0.002506
13.20661	0.000611	0.002291	-7.6E-05	0.002372
13.20898	0.000611	0.00168	-7.6E-05	0.001789
13.21134	0.001222	0.00168	0.001756	0.00272
13.2137	0.001833	0.002291	-0.0013	0.003208
13.21606	0	0.002291	-0.00252	0.003405
13.21843	0	0.003512	-0.00069	0.003579
13.22079	-0.00061	0.000458	-7.6E-05	0.000767
13.22315	0.001222	0.001069	-0.00069	0.001763
13.22551	-0.00061	0.002291	-7.6E-05	0.002372
13.22788	-0.00061	0.001069	0.001145	0.001682
13.23024	-0.00061	0.00168	-0.0013	0.002209
13.2326	-0.00122	0.003512	-0.00069	0.003782
13.23497	-0.00061	0.002902	-7.6E-05	0.002966
13.23733	0.000611	0.00168	0.000534	0.001866
13.23969	-0.00244	0.001069	-0.00069	0.002754
13.24205	-0.00244	0.001069	-7.6E-05	0.002668
13.24442	-0.00061	0.00168	-0.0013	0.002209
13.24678	0.000611	0.002902	-0.0013	0.003237
13.24914	-0.00061	0.003512	0.000534	0.003605
13.25151	-0.00122	0.002902	0.000534	0.003193
13.25387	0.000611	0.003512	0.000534	0.003605
13.25623	-0.00061	0.004734	-0.0013	0.004947
13.25859	-0.00061	0.002291	-0.0013	0.002703
13.26096	-0.00183	0.004123	-0.00069	0.004564
13.26332	0	0.004123	-0.00069	0.00418
13.26568	-0.00183	0.004123	-0.00069	0.004564
13.26805	-0.00061	0.004734	-7.6E-05	0.004774
13.27041	-0.00061	0.003512	0.000534	0.003605
13.27277	0.000611	0.005345	-0.00069	0.005423
13.27513	0	0.004123	-0.00191	0.004544
13.2775	0	0.00168	-0.0013	0.002123
13.27986	-0.00061	0.00168	0.000534	0.001866
13.28222	0.001222	0.003512	0.000534	0.003757

13.28459	0	0.004734	-0.00252	0.005363
13.28695	-0.00183	0.003512	-0.00252	0.004695
13.28931	-0.00244	0.002291	-0.00069	0.003419
13.29167	-0.00183	0.002291	-0.0013	0.003208
13.29404	0.000611	0.002902	-0.00069	0.003044
13.2964	-0.00061	0.004123	-0.00313	0.005213
13.29876	-0.00061	0.005956	-0.00313	0.006756
13.30112	-0.00061	0.004734	-0.00313	0.005708
13.30349	0.001222	0.003512	-0.00374	0.005275
13.30585	0	0.004123	-0.00374	0.005568
13.30821	0.000611	0.001069	-0.00496	0.005114
13.31058	0.002443	0.000458	-0.00374	0.004492
13.31294	0.001222	0.00168	-0.00313	0.003757
13.3153	0.000611	0.002291	-0.00313	0.003927
13.31766	0.001222	0.003512	-0.00313	0.004861
13.32003	-0.00061	0.003512	-0.00557	0.006617
13.32239	-0.00061	0.004123	-0.00435	0.006026
13.32475	-0.00061	0.003512	-0.00496	0.006111
13.32712	0.000611	0.004123	-0.00557	0.00696
13.32948	0.003054	0.005956	-0.00374	0.007668
13.33184	0.004276	0.005345	-0.00313	0.007527
13.3342	0.002443	0.003512	-0.00496	0.006553
13.33657	0.003665	0.004123	-0.00618	0.008288
13.33893	0.003054	0.004123	-0.00435	0.006728
13.34129	0.003054	0.003512	-0.00252	0.005293
13.34366	0.001222	0.003512	-0.00435	0.005725
13.34602	0.001833	0.004734	-0.00191	0.005423
13.34838	0.001222	0.005956	-0.00313	0.006838
13.35074	0.002443	0.004123	-0.0013	0.004965
13.35311	0.001222	0.004123	-0.00496	0.006567
13.35547	0.000611	0.005345	-0.00496	0.007319
13.35783	0	0.005956	-0.00252	0.006467
13.36019	0.000611	0.004123	-0.00252	0.004871
13.36256	0.002443	0.003512	-0.00252	0.004965
13.36492	0.002443	0.00168	-0.00252	0.003891
13.36728	0	0.002291	-0.00252	0.003405
13.36965	0.001833	0.004734	-0.00191	0.005423
13.37201	0.002443	0.005956	-0.00191	0.006715
13.37437	0.000611	0.004123	-0.00191	0.004585
13.37673	0.000611	0.005956	-0.00374	0.00706
13.3791	0.001222	0.005956	-0.00374	0.007139
13.38146	0	0.003512	-0.00374	0.005132
13.38382	0.001222	0.004123	-0.00374	0.0057
13.38619	0.001222	0.004123	-0.00313	0.005319
13.38855	0.001833	0.005345	-0.00557	0.007937
13.39091	0.000611	0.006567	-0.00313	0.0073
13.39327	0	0.005345	-0.00252	0.005909
13.39564	0.000611	0.004734	-0.00374	0.006065
13.398	0.000611	0.00168	-0.00252	0.003089
13.40036	-0.00122	0.00168	-0.00313	0.003757
13.40273	0.001222	0.002291	-0.00191	0.003222
13.40509	0	0.003512	-0.0013	0.003745

13.40745	0.000611	0.003512	-0.00191	0.004044
13.40981	0.001833	0.003512	-0.0013	0.004169
13.41218	0	0.002291	-0.0013	0.002633
13.41454	0.002443	0.002902	-0.00252	0.004554
13.4169	-0.00061	0.003512	-0.00313	0.004745
13.41927	0.000611	0.004123	-0.00435	0.006026
13.42163	0.001833	0.002291	-0.0013	0.003208
13.42399	0	0.001069	-0.0013	0.001682
13.42635	-0.00061	-0.00015	-0.00069	0.000932
13.42872	-0.00183	0.000458	-0.00313	0.003656
13.43108	0.001222	0.000458	-0.00191	0.002312
13.43344	0.000611	0.002291	-0.0013	0.002703
13.4358	0.000611	0.00168	-0.0013	0.002209
13.43817	0.001833	0.001069	-0.00252	0.003294
13.44053	0.001833	0.00168	-7.6E-05	0.002487
13.44289	0.001222	0.002291	-0.0013	0.002903
13.44526	0.002443	0.002902	-7.6E-05	0.003794
13.44762	0.003665	0.004123	-0.0013	0.005667
13.44998	0.003054	0.002902	-7.6E-05	0.004213
13.45234	0.002443	0.00168	0.000534	0.003013
13.45471	0.003665	0.000458	-0.0013	0.003915
13.45707	0.003665	0.001069	-0.00069	0.003879
13.45943	0.001833	0.002291	-7.6E-05	0.002934
13.4618	0.003054	0.002291	-0.00252	0.004574
13.46416	0.002443	0.00168	-0.00191	0.003526
13.46652	0.003665	0.002291	-0.0013	0.004513
13.46888	0.003665	0.002291	-0.00069	0.004376
13.47125	0.003054	0.002291	-0.0013	0.004032
13.47361	0.003665	0.003512	0.000534	0.005104
13.47597	0.001833	0.003512	0.000534	0.003998
13.47834	0.002443	0.002902	0.000534	0.003831
13.4807	0.001833	0.002902	0.001145	0.003618
13.48306	0.000611	0.002902	-0.0013	0.003237
13.48542	0.001222	0.005345	-0.0013	0.005634
13.48779	0.002443	0.004123	-0.00191	0.005159
13.49015	0.001222	0.003512	-0.0013	0.003939
13.49251	0.001833	0.004123	-0.00191	0.004899
13.49488	0.001833	0.005345	-0.00069	0.005692
13.49724	0.001222	0.005345	-0.0013	0.005634
13.4996	0.001833	0.005345	-0.00252	0.006187
13.50196	0.001222	0.005956	-0.00069	0.006118
13.50433	0.001833	0.005956	-0.00252	0.006721
13.50669	0	0.005345	-0.0013	0.0055
13.50905	0.001222	0.006567	-0.00435	0.007972
13.51141	0.001222	0.007788	-0.00374	0.008726
13.51378	0.000611	0.007177	-0.00313	0.007854
13.51614	0.001833	0.008399	-0.00252	0.008958
13.5185	0.002443	0.009621	-0.00191	0.010108
13.52087	0.006108	0.012675	-0.00191	0.014199
13.52323	0.005498	0.015729	-0.0013	0.016713
13.52559	0.006719	0.015729	-0.0013	0.017154
13.52795	0.005498	0.013286	0.000534	0.014388

13.53032	0.003054	0.010843	-0.0013	0.011339
13.53268	0.001222	0.008399	-7.6E-05	0.008488
13.53504	-0.00061	0.006567	-0.0013	0.006721
13.53741	-0.00183	0.004123	-0.00252	0.005168
13.53977	-0.00122	0.004123	-0.00557	0.00704
13.54213	0.001833	0.001069	-0.00435	0.004842
13.54449	0.003054	0.003512	-0.00252	0.005293
13.54686	0.003054	0.004734	-0.00435	0.007119
13.54922	0.001833	0.004123	-0.00618	0.007656
13.55158	0.001833	0.004123	-0.00618	0.007656
13.55395	-0.00061	0.003512	-0.00741	0.00822
13.55631	0.001222	0.005345	-0.00557	0.007819
13.55867	0	0.005956	-0.0068	0.009036
13.56103	0	0.005345	-0.00802	0.009636
13.5634	0.001833	0.003512	-0.0068	0.007866
13.56576	0.001222	0.002902	-0.00557	0.006402
13.56812	0.000611	0.002291	-0.00496	0.0055
13.57048	-0.00061	0.003512	-0.00435	0.005626
13.57285	-0.00244	0.004734	-0.00557	0.00771
13.57521	0	0.002291	-0.00618	0.006595
13.57757	0.001222	0.002291	-0.00496	0.005601
13.57994	0.003054	0.005956	-0.0068	0.009538
13.5823	0.003665	0.005956	-0.00313	0.007662
13.58466	0.001833	0.005956	-0.00374	0.007268
13.58702	-0.00061	0.004734	-0.00435	0.00646
13.58939	0.002443	0.003512	-0.00496	0.006553
13.59175	0.002443	0.005345	-0.00741	0.009455
13.59411	0.001222	0.005345	-0.00374	0.006638
13.59648	0	0.004734	-0.00618	0.007789
13.59884	0	0.005956	-0.00435	0.007377
13.6012	0.000611	0.003512	-0.00435	0.005626
13.60356	0.001222	0.004734	-0.00374	0.006156
13.60593	0.001222	0.005345	-0.00191	0.005806
13.60829	0	0.004123	-0.00374	0.005568
13.61065	0.001222	0.004734	-0.00557	0.007414
13.61302	0.002443	0.003512	-0.00435	0.006103
13.61538	0	0.004734	-0.00313	0.005676
13.61774	0.001222	0.003512	-0.00374	0.005275
13.6201	-0.00122	0.002902	-0.00496	0.005877
13.62247	-0.00122	0.002291	-0.00496	0.005601
13.62483	-0.00061	0.002902	-0.00435	0.005266
13.62719	0	0.003512	-0.00557	0.006588
13.62956	-0.00061	0.002902	-0.00374	0.004774
13.63192	0	0.005345	-0.00435	0.006893
13.63428	-0.00061	0.003512	-0.00374	0.005168
13.63664	-0.00061	0.002902	-0.00435	0.005266
13.63901	0	0.003512	-0.00435	0.005593
13.64137	-0.00061	0.002902	-0.00496	0.005781
13.64373	0.001222	0.003512	-0.00496	0.006202
13.64609	-0.00122	0.005345	-0.00435	0.007
13.64846	-0.00122	0.002902	-0.00557	0.006402
13.65082	0	0.002902	-0.00496	0.005749

13.65318	-0.00061	0.002902	-0.00557	0.006314
13.65555	-0.00122	0.003512	-0.00374	0.005275
13.65791	-0.00122	0.002902	-0.00557	0.006402
13.66027	-0.00061	0.004734	-0.00435	0.00646
13.66263	0.001222	0.002291	-0.00252	0.003618
13.665	0.000611	0.003512	-0.00374	0.005168
13.66736	-0.00061	0.004123	-0.00313	0.005213
13.66972	0.001222	0.004734	-0.00252	0.0055
13.67209	0.001222	0.005956	-0.00435	0.007477
13.67445	-0.00122	0.006567	-0.00496	0.008321
13.67681	-0.00122	0.007788	-0.00557	0.009655
13.67917	0.000611	0.007177	-0.00741	0.010332
13.68154	-0.00122	0.005345	-0.00741	0.009215
13.6839	-0.00122	0.004734	-0.0068	0.008372
13.68626	0	0.002902	-0.00496	0.005749
13.68863	0	0.004123	-0.0068	0.007949
13.69099	0.002443	0.004734	-0.0068	0.008635
13.69335	-0.00061	0.005345	-0.00802	0.009655
13.69571	-0.00122	0.002902	-0.0068	0.007489
13.69808	0	0.002291	-0.00741	0.007753
13.70044	0.001833	0.002902	-0.00618	0.007073
13.7028	0.003054	0.001069	-0.00557	0.006445
13.70517	0.001222	0.002291	-0.00557	0.006149
13.70753	-0.00122	0.001069	-0.00618	0.006394
13.70989	-0.00122	0.002902	-0.00496	0.005877
13.71225	-0.00061	0.00168	-0.0068	0.007027
13.71462	0.000611	0.002291	-0.0068	0.007197
13.71698	-0.00183	0.002291	-0.00435	0.005249
13.71934	-0.00183	0.001069	-0.00374	0.004301
13.7217	-0.00061	0.001069	-0.00374	0.003939
13.72407	0.000611	0.004123	-0.00252	0.004871
13.72643	-0.00244	0.005345	-0.00252	0.006394
13.72879	-0.00061	0.002902	-0.00496	0.005781
13.73116	0.000611	0.001069	-0.00313	0.003364
13.73352	0.001833	0.001069	-0.00374	0.004301
13.73588	0	0.00168	-0.00496	0.00524
13.73824	-0.00183	0.002291	-0.00435	0.005249
13.74061	-0.00061	0.002902	-0.00313	0.004312
13.74297	0.000611	0.001069	-0.00313	0.003364
13.74533	-0.00183	0.002902	-0.00435	0.005543
13.7477	-0.00122	0.003512	-0.00374	0.005275
13.75006	-0.00183	0.002902	-0.00069	0.0035
13.75242	-0.00244	0.00168	-0.00496	0.005781
13.75478	-0.00244	0.001069	-0.00863	0.009031
13.75715	0	0.002291	-0.00924	0.009519
13.75951	0.001222	0.004734	-0.01413	0.014948
13.76187	0.002443	0.004734	-0.01779	0.018571
13.76424	0.002443	-0.00015	-0.01596	0.016145
13.7666	0.004887	-0.00321	-0.01596	0.016995
13.76896	0.006108	-0.00443	-0.01474	0.016556
13.77132	0.00733	-0.00137	-0.01229	0.014379
13.77369	0.006108	0.001069	-0.01229	0.013769

13.77605	0.006108	0.000458	-0.01107	0.012653
13.77841	0.003054	-0.0026	-0.00985	0.010634
13.78077	0.003665	-0.00382	-0.00924	0.010647
13.78314	0.002443	-0.0026	-0.00802	0.008774
13.7855	0.001222	0.00168	-0.01046	0.010665
13.78786	-0.00061	0.004734	-0.01046	0.011498
13.79023	0.000611	0.005345	-0.01046	0.011763
13.79259	0.000611	0.003512	-0.0129	0.013388
13.79495	0.001222	0.003512	-0.01168	0.01226
13.79731	0.001833	0.004734	-0.0129	0.013867
13.79968	0.000611	0.004734	-0.01168	0.01262
13.80204	0.001222	0.002902	-0.01046	0.010924
13.8044	0.001222	0.002291	-0.00863	0.00901
13.80677	0	-0.00076	-0.00741	0.007446
13.80913	0	0.000458	-0.00924	0.00925
13.81149	0.001833	-0.00199	-0.00802	0.00846
13.81385	0	-0.00199	-0.00741	0.007668
13.81622	0	0.002291	-0.00557	0.006026
13.81858	0.001222	0.002291	-0.00496	0.005601
13.82094	-0.00061	0.003512	-0.00496	0.006111
13.82331	0.001833	0.002902	-0.00557	0.006546
13.82567	0.000611	0.00168	-0.00557	0.005854
13.82803	0.001833	0.000458	-0.00374	0.004191
13.83039	0.003054	0.001069	-7.6E-05	0.003237
13.83276	0.001833	-0.00076	-0.00191	0.002754
13.83512	0.001833	-0.00015	-0.00191	0.002651
13.83748	0.000611	-0.00015	-7.6E-05	0.000634
13.83985	0.001222	0.000458	-0.00069	0.001475
13.84221	0.001222	0.00168	-0.00069	0.002188
13.84457	0.001833	0.002291	-0.0013	0.003208
13.84693	0.002443	0.00168	-7.6E-05	0.002966
13.8493	0.002443	0.001069	-0.00069	0.002754
13.85166	0.000611	0.00168	-0.00069	0.001915
13.85402	0.000611	0.00168	-7.6E-05	0.001789
13.85638	0.000611	0.001069	-0.00069	0.00141
13.85875	-0.00061	0.001069	0.002367	0.002668
13.86111	0.000611	-0.00137	0.001145	0.00189
13.86347	0.001222	0.000458	0.001145	0.001736
13.86584	0	-0.00015	0.000534	0.000556
13.8682	0.001222	-0.00137	-0.00069	0.001963
13.87056	0.002443	-0.0026	0.001145	0.003745
13.87292	0.003054	-0.00137	0.001145	0.00354
13.87529	0.002443	-0.00137	0.002978	0.00409
13.87765	0	-0.00137	0.001145	0.001789
13.88001	0	-0.00137	0.000534	0.001475
13.88238	0.001222	-0.00199	0.000534	0.002392
13.88474	0	-0.00137	0.001145	0.001789
13.8871	-0.00061	-0.00137	0.001145	0.00189
13.88946	-0.00122	-0.00137	0.001756	0.002543
13.89183	0	-0.00137	0.000534	0.001475
13.89419	0.001222	-0.0026	0.002367	0.00372
13.89655	0	-0.00199	0.002367	0.003089

13.89892	0.000611	-0.00199	0.001756	0.00272
13.90128	0.000611	-0.0026	0.001145	0.002903
13.90364	0.001833	-0.00015	0.000534	0.001915
13.906	-0.00122	-0.00199	-0.00069	0.00243
13.90837	0	-0.00199	0.002367	0.003089
13.91073	0.003054	-0.00199	0.000534	0.003682
13.91309	0.001833	-0.00015	-7.6E-05	0.00184
13.91546	0.001833	0.000458	0.001145	0.002209
13.91782	0.001833	0.00168	0.000534	0.002543
13.92018	0.000611	0.001069	-0.00069	0.00141
13.92254	0.001833	0.001069	-0.0013	0.002487
13.92491	0	0.001069	0.000534	0.001195
13.92727	0.001833	0.00168	-0.00069	0.002579
13.92963	0	0.00168	-0.00069	0.001815
13.93199	0.000611	0.002291	-7.6E-05	0.002372
13.93436	0.001222	0.002291	-0.0013	0.002903
13.93672	0.001222	-0.00015	-0.00252	0.002804
13.93908	0.000611	0.002291	-0.00069	0.002468
13.94145	0.002443	0.000458	-0.0013	0.002804
13.94381	0.002443	0.001069	-0.0013	0.002966
13.94617	0.001222	0.001069	-0.00069	0.001763
13.94853	0.001222	0.000458	0.000534	0.00141
13.9509	0.001222	0.00168	-0.0013	0.002449
13.95326	0.000611	0.001069	0.000534	0.001342
13.95562	-0.00061	0.00168	-0.00069	0.001915
13.95799	-0.00122	0.00168	-0.00069	0.002188
13.96035	0.001833	0.002291	-7.6E-05	0.002934
13.96271	0	0.001069	0.001145	0.001567
13.96507	0.000611	0.000458	-0.00069	0.001027
13.96744	0.001833	0.000458	-0.00069	0.00201
13.9698	0	0.000458	0.001145	0.001234
13.97216	0	-0.00015	-7.6E-05	0.000171
13.97453	0.001222	0.001069	-7.6E-05	0.001625
13.97689	0.000611	0.000458	-0.0013	0.001506
13.97925	0.001222	-0.00015	-7.6E-05	0.001234
13.98161	0.000611	-0.00137	-0.00069	0.001654
13.98398	0.001222	-0.00076	0.000534	0.001537
13.98634	0.001833	-0.00015	0.001145	0.002166
13.9887	-0.00122	-0.00076	0.001145	0.00184
13.99107	-0.00122	-0.00015	-0.00069	0.00141
13.99343	0.001222	-0.00076	0.001145	0.00184
13.99579	0.001222	-0.00076	0.001756	0.002272
13.99815	0	-0.00015	0.002367	0.002372
14.00052	0.001222	-0.00137	0.001145	0.002166
14.00288	0	-0.00199	0.000534	0.002056
14.00524	-0.00122	-0.00015	0.001145	0.001682
14.0076	0	-0.00199	0.002367	0.003089
14.00997	0	-0.0026	0.002367	0.003513
14.01233	-0.00183	-0.00321	0.000534	0.003732
14.01469	-0.00122	-0.00199	0.000534	0.002392
14.01706	-0.00061	-0.00321	0.001756	0.003707
14.01942	-0.00183	-0.00382	0.002367	0.004851

14.02178	-0.00367	-0.00504	0.003589	0.007191
14.02414	0	-0.00137	0.001145	0.001789
14.02651	0	-0.00137	0.002978	0.00328
14.02887	0.001222	-0.00321	0.002367	0.004169
14.03123	0.003054	-0.00321	0.002367	0.005022
14.0336	0.000611	-0.0026	0.002367	0.003566
14.03596	0.000611	-0.00137	0.002367	0.002804
14.03832	0.001222	-0.00137	0.002978	0.0035
14.04068	0.002443	-0.00199	0.001145	0.00335
14.04305	0.002443	-0.00199	0.002367	0.003939
14.04541	0.001833	-0.00199	0.002367	0.003592
14.04777	0.001222	0.000458	0.001756	0.002188
14.05014	0	-0.00076	0.002367	0.002487
14.0525	0	-0.00076	0.002367	0.002487
14.05486	0.003054	-0.00076	0.001145	0.00335
14.05722	0.001833	-0.00076	0.002978	0.003579
14.05959	0	0.000458	-7.6E-05	0.000464
14.06195	0.000611	-0.00015	0.002367	0.002449
14.06431	0.000611	0.002291	0.001756	0.00295
14.06667	0.001222	0.001069	0.000534	0.001709
14.06904	-0.00061	0.000458	0.001145	0.001377
14.0714	0.000611	0.000458	0.001145	0.001377
14.07376	0.000611	0.00168	0.001145	0.002123
14.07613	0.001222	-0.00015	-7.6E-05	0.001234
14.07849	0.001833	0.000458	0.000534	0.001963
14.08085	0	0.000458	-0.00069	0.000826
14.08321	0	-0.00199	0.000534	0.002056
14.08558	0.003054	-0.00137	0.000534	0.003392
14.08794	0.001222	-0.00076	0.000534	0.001537
14.0903	-0.00061	0.000458	-7.6E-05	0.000767
14.09267	-0.00061	0.001069	-7.6E-05	0.001234
14.09503	-0.00061	0.000458	-0.0013	0.001506
14.09739	0	-0.0026	0.000534	0.002651
14.09975	-0.00061	-0.00076	-0.0013	0.001625
14.10212	-0.00183	0.001069	0.000534	0.002188
14.10448	-0.00183	-0.00137	0.000534	0.002352
14.10684	-0.00183	0.001069	0.001756	0.002754
14.10921	0	0.001069	0.000534	0.001195
14.11157	-0.00122	-0.00076	0.001145	0.00184
14.11393	-0.00061	-0.00199	-0.00069	0.002188
14.11629	0.001222	-0.00199	-7.6E-05	0.002332
14.11866	0.001222	-0.00199	0.001145	0.002597
14.12102	0.000611	-0.00076	-7.6E-05	0.000981
14.12338	0.000611	-0.00076	-0.0013	0.001625
14.12575	-0.00183	-0.00015	-0.00069	0.001963
14.12811	-0.00367	0.000458	0.002367	0.004387
14.13047	-0.00122	-0.00015	0.000534	0.001342
14.13283	0.000611	-0.00076	-0.00069	0.001195
14.1352	-0.00061	-0.00015	-7.6E-05	0.000634
14.13756	0.001833	0.001069	-7.6E-05	0.002123
14.13992	-0.00061	0.002291	-7.6E-05	0.002372
14.14228	-0.00122	-0.00015	0.000534	0.001342

14.14465	-0.00122	0.000458	0.001145	0.001736
14.14701	-0.00061	0.001069	-0.0013	0.001789
14.14937	0.001222	-0.00137	-0.00069	0.001963
14.15174	0.000611	-0.00137	0.000534	0.001596
14.1541	-0.00122	-0.00076	0.000534	0.001537
14.15646	-0.00183	0.001069	-0.00069	0.00223
14.15882	-0.00183	-0.00076	0.002978	0.003579
14.16119	0.000611	0.002291	0.001756	0.00295
14.16355	-0.00061	0.000458	-0.00069	0.001027
14.16591	-0.00122	0.001069	-7.6E-05	0.001625
14.16828	0.000611	0.00168	0.000534	0.001866
14.17064	0.001833	0.000458	-0.00069	0.00201
14.173	0.001833	0.000458	-7.6E-05	0.00189
14.17536	0	0.00168	0.001145	0.002033
14.17773	0.000611	0.002902	-0.00191	0.003526
14.18009	0	0.000458	0.001145	0.001234
14.18245	0.001222	0.001069	0.000534	0.001709
14.18482	0.001833	0.00168	0.001756	0.003044
14.18718	0.003054	-0.00015	0.001756	0.003526
14.18954	0.001833	-0.00076	0.002978	0.003579
14.1919	0.001833	0.000458	0.000534	0.001963
14.19427	0	0.002902	-0.00069	0.002982
14.19663	-0.00061	0.001069	0.001756	0.002145
14.19899	-0.00122	-0.00076	0.001145	0.00184
14.20136	0.001222	0.001069	0.000534	0.001709
14.20372	0.000611	0.000458	-7.6E-05	0.000767
14.20608	0.001833	0.001069	0.001145	0.002411
14.20844	0.001222	0.001069	0.001145	0.001987
14.21081	0	-0.00076	0.000534	0.000932
14.21317	-0.00061	-0.00076	-0.00069	0.001195
14.21553	0	-0.00137	-7.6E-05	0.001377
14.21789	-0.00122	-0.00076	0.001756	0.002272
14.22026	0	0.001069	0.001145	0.001567
14.22262	0.000611	-0.00015	-0.00252	0.002597
14.22498	0	0.000458	-0.0013	0.001377
14.22735	-0.00061	0.000458	-0.0013	0.001506
14.22971	0	0.000458	-7.6E-05	0.000464
14.23207	0	0.000458	0.001756	0.001815
14.23443	-0.00061	0.000458	0.000534	0.000932
14.2368	0	0.000458	0.000534	0.000704
14.23916	-0.00122	0.000458	0.001145	0.001736
14.24152	-0.00183	-0.00137	-7.6E-05	0.002292
14.24389	-0.00122	-0.00137	0.000534	0.001915
14.24625	0.000611	-0.00015	0.001145	0.001307
14.24861	-0.00061	-0.00015	0.001145	0.001307
14.25097	-0.00122	0.001069	-7.6E-05	0.001625
14.25334	-0.00122	0.001069	0.001145	0.001987
14.2557	-0.00183	0.001069	0.002367	0.003179
14.25806	0.000611	0.000458	0.001145	0.001377
14.26043	0.000611	-0.00015	-0.00069	0.000932
14.26279	-0.00244	0.001069	-0.0013	0.002966
14.26515	-0.00305	0.00168	0.000534	0.003526

14.26751	-0.00183	0.000458	0.001756	0.002579
14.26988	-0.00122	0.000458	0.001145	0.001736
14.27224	-0.00122	-0.00015	0.001145	0.001682
14.2746	-0.00061	-0.00076	-7.6E-05	0.000981
14.27697	0.000611	0.000458	-7.6E-05	0.000767
14.27933	0.001833	0.00168	0.002367	0.003433
14.28169	0.002443	0.00168	0.002367	0.003794
14.28405	0.001222	0.001069	0.000534	0.001709
14.28642	0	0.000458	0.001145	0.001234
14.28878	0	0.00168	0.001756	0.00243
14.29114	0.001833	0.003512	0.002367	0.004615
14.2935	0	0.002902	0.001756	0.003392
14.29587	-0.00122	0.001069	0.001145	0.001987
14.29823	0.001222	0.000458	-0.00069	0.001475
14.30059	0.000611	-0.00015	0.001145	0.001307
14.30296	0	-0.00076	-7.6E-05	0.000767
14.30532	-0.00061	0.00168	-7.6E-05	0.001789
14.30768	-0.00061	-0.00015	0.000534	0.000826
14.31004	0.000611	-0.00015	0.000534	0.000826
14.31241	0	-0.00015	-7.6E-05	0.000171
14.31477	-0.00061	-0.00015	-7.6E-05	0.000634
14.31713	0	0.001069	0.002367	0.002597
14.3195	-0.00122	0.001069	0.000534	0.001709
14.32186	0	-0.00076	-0.00069	0.001027
14.32422	0.000611	0.001069	-0.00069	0.00141
14.32658	0.000611	0.001069	0.000534	0.001342
14.32895	-0.00183	0.00168	0.000534	0.002543
14.33131	-0.00122	0.00168	0.001145	0.002372
14.33367	-0.00122	0.002291	-7.6E-05	0.002597
14.33604	-0.00122	0.002902	-7.6E-05	0.003149
14.3384	-0.00061	0.001069	0.001756	0.002145
14.34076	0	0.001069	0.001145	0.001567
14.34312	-0.00061	0.001069	0.001145	0.001682
14.34549	0	-0.00076	0.001145	0.001377
14.34785	0.000611	0.001069	0.002367	0.002668
14.35021	0.000611	0.000458	0.000534	0.000932
14.35257	0	0.002291	-7.6E-05	0.002292
14.35494	0.001833	0.000458	-7.6E-05	0.00189
14.3573	-0.00061	0.001069	0.000534	0.001342
14.35966	-0.00122	0.001069	0.000534	0.001709
14.36203	-0.00061	0.001069	0.001145	0.001682
14.36439	0.001222	0.001069	0.001145	0.001987
14.36675	0.004887	0.003512	-0.00069	0.006057
14.36911	0	0.001069	0.001756	0.002056
14.37148	0	0.00168	0.003589	0.003962
14.37384	-0.00061	0.002902	0.001756	0.003446
14.3762	0.000611	0.00168	0.000534	0.001866
14.37857	-0.00122	0.002902	0.000534	0.003193
14.38093	0	0.002291	-0.00069	0.002392
14.38329	-0.00122	0.002291	0.000534	0.002651
14.38565	-0.00122	0.002291	0.002367	0.003513
14.38802	0	0.00168	0.002978	0.003419

14.39038	-0.00061	0.001069	0.001145	0.001682
14.39274	-0.00122	0.00168	0.002367	0.003149
14.39511	-0.00122	0.001069	0.000534	0.001709
14.39747	0.001833	0.002291	0.001756	0.003419
14.39983	0	0.000458	0.001756	0.001815
14.40219	0.000611	0.002291	0.001145	0.002633
14.40456	0.000611	0.002291	0.000534	0.00243
14.40692	-0.00061	0.002902	0.001145	0.003179
14.40928	0	0.002291	0.001145	0.002561
14.41165	0	0.002291	0.002978	0.003757
14.41401	-0.00122	0.002291	-0.00069	0.002686
14.41637	-0.00061	0.003512	0.001145	0.003745
14.41873	-0.00183	0.004123	0.000534	0.004544
14.4211	-0.00061	0.003512	0.001145	0.003745
14.42346	0.000611	0.003512	0.002367	0.004279
14.42582	-0.00122	0.002291	0.001756	0.003134
14.42818	-0.00183	0.001069	0.000534	0.002188
14.43055	0.000611	0.000458	0.000534	0.000932
14.43291	0	0.002902	0.001756	0.003392
14.43527	-0.00061	0.001069	0.001145	0.001682
14.43764	0.001222	0.002291	-0.00252	0.003618
14.44	-0.00122	0.001069	-0.00069	0.001763
14.44236	-0.00183	0.000458	-7.6E-05	0.00189
14.44472	0.000611	0.001069	0.001756	0.002145
14.44709	0.000611	-0.00076	0.001756	0.00201
14.44945	-0.00061	0.001069	-7.6E-05	0.001234
14.45181	0	0.000458	0.000534	0.000704
14.45418	0	0.001069	0.000534	0.001195
14.45654	-0.00183	-0.00015	0.001756	0.002543
14.4589	-0.00061	-0.00076	0.002367	0.002561
14.46126	-0.00061	-0.00015	0.002367	0.002449
14.46363	0	0.001069	0.001145	0.001567
14.46599	0.000611	0.002291	-7.6E-05	0.002372
14.46835	0	0.00168	-0.00069	0.001815
14.47072	0.001222	0.001069	0.000534	0.001709
14.47308	0	0.00168	0.000534	0.001763
14.47544	0.000611	0.002291	0.001145	0.002633
14.4778	0.000611	0.002902	0.001756	0.003446
14.48017	0.000611	0.002291	-7.6E-05	0.002372
14.48253	-0.00061	0.00168	0.001145	0.002123
14.48489	0	0.002291	0.001145	0.002561
14.48726	-0.00122	0.002902	-0.00069	0.003222
14.48962	0	0.001069	-0.0013	0.001682
14.49198	0.000611	0.001069	-7.6E-05	0.001234
14.49434	-0.00061	0.002902	0.000534	0.003013
14.49671	-0.00061	0.002902	0.001145	0.003179
14.49907	-0.00122	0.002291	0.001145	0.002838
14.50143	0	0.001069	-7.6E-05	0.001072
14.50379	-0.00061	0.001069	0.001756	0.002145
14.50616	-0.00122	0.000458	0.002367	0.002703
14.50852	-0.00122	0.000458	-0.0013	0.00184
14.51088	-0.00122	0.001069	-0.00069	0.001763

14.51325	-0.00244	0.00168	-7.6E-05	0.002966
14.51561	-0.00305	0.002291	0.002367	0.004492
14.51797	0	0.00168	0.001756	0.00243
14.52033	-0.00061	0.001069	0.000534	0.001342
14.5227	-0.00061	0.000458	0.002367	0.002487
14.52506	-0.00061	0.001069	-7.6E-05	0.001234
14.52742	0	0.000458	-7.6E-05	0.000464
14.52979	-0.00061	0.001069	0.000534	0.001342
14.53215	-0.00061	0.001069	0.001756	0.002145
14.53451	-0.00061	0.002291	-7.6E-05	0.002372
14.53687	0.000611	0.00168	0.001756	0.002506
14.53924	0	0.00168	0.001145	0.002033
14.5416	0	0.001069	-7.6E-05	0.001072
14.54396	0	0.00168	0.001145	0.002033
14.54633	-0.00061	0.000458	-7.6E-05	0.000767
14.54869	0	0.00168	0.001756	0.00243
14.55105	0.000611	-0.00015	0.000534	0.000826
14.55341	0	0.000458	0.001145	0.001234
14.55578	0.000611	0.000458	0.001145	0.001377
14.55814	0.001222	0.000458	0.000534	0.00141
14.5605	-0.00122	0.002902	-0.0013	0.003405
14.56287	0	0.001069	0.000534	0.001195
14.56523	0.001222	0.000458	0.001145	0.001736
14.56759	0.000611	0.001069	0.001756	0.002145
14.56995	0	0.002291	-0.00069	0.002392
14.57232	-0.00061	0.001069	0.000534	0.001342
14.57468	-0.00061	-0.00015	-0.00069	0.000932
14.57704	0.001833	0.00168	-0.0013	0.002804
14.5794	0.001833	0.00168	-0.00069	0.002579
14.58177	0.001222	-0.00137	0.001756	0.002543
14.58413	0	-0.00015	0.001145	0.001155
14.58649	0	0.000458	0.001145	0.001234
14.58886	-0.00122	0.000458	0.001145	0.001736
14.59122	-0.00183	0.001069	0.001145	0.002411
14.59358	0	0.002291	0.001756	0.002886
14.59594	0.000611	0.00168	-7.6E-05	0.001789
14.59831	0	0.001069	-7.6E-05	0.001072
14.60067	-0.00061	0.001069	0.000534	0.001342
14.60303	0	0.000458	0.002367	0.002411
14.6054	-0.00061	0.000458	0.001145	0.001377
14.60776	-0.00061	0.002291	0.000534	0.00243
14.61012	0.000611	0.001069	0.000534	0.001342
14.61248	0.001222	0.00168	-7.6E-05	0.002079
14.61485	0.001222	0.000458	0.001756	0.002188
14.61721	-0.00183	0.000458	0.000534	0.001963
14.61957	-0.00183	0.00168	0.002367	0.003433
14.62194	-0.00061	0.00168	0.001145	0.002123
14.6243	0	0.00168	-0.00069	0.001815
14.62666	0.001222	0.001069	0.000534	0.001709
14.62902	0.000611	0.00168	0.001145	0.002123
14.63139	0.000611	0.00168	-0.00069	0.001915
14.63375	0.000611	0.001069	-7.6E-05	0.001234

14.63611	0.000611	-0.00015	-7.6E-05	0.000634
14.63848	-0.00061	0.001069	-0.0013	0.001789
14.64084	0.000611	0.002291	0.001145	0.002633
14.6432	0.003054	0.00168	-7.6E-05	0.003487
14.64556	-0.00061	0.00168	0.001145	0.002123
14.64793	-0.00122	0.002291	-7.6E-05	0.002597
14.65029	0.001833	0.002902	0.000534	0.003473
14.65265	-0.00122	0.004734	0.001145	0.005022
14.65501	0.000611	0.002291	0.001756	0.00295
14.65738	0.000611	0.002291	0.002367	0.00335
14.65974	0	0.001069	0.000534	0.001195
14.6621	0	0.000458	0.001145	0.001234
14.66447	0	0.002902	0.001145	0.003119
14.66683	0.000611	0.002902	0.001145	0.003179
14.66919	-0.00061	0.002902	-7.6E-05	0.002966
14.67155	-0.00061	0.00168	0.002978	0.003473
14.67392	-0.00122	0.001069	0.001145	0.001987
14.67628	0.001222	0.001069	0.001756	0.002392
14.67864	0.002443	0.001069	0.001756	0.003193
14.68101	0.001833	0.00168	0.000534	0.002543
14.68337	0.000611	-0.00076	0.002367	0.002561
14.68573	-0.00122	-0.00076	0.002367	0.002771
14.68809	-0.00122	0.000458	-7.6E-05	0.001307
14.69046	0.001222	0.001069	0.001145	0.001987
14.69282	0.001833	0.002902	0.001756	0.003855
14.69518	0.001222	0.003512	-0.0013	0.003939
14.69755	-0.00061	0.002291	-7.6E-05	0.002372
14.69991	0	0.001069	-7.6E-05	0.001072
14.70227	-0.00122	0.00168	0.000534	0.002145
14.70463	-0.00061	0.001069	-7.6E-05	0.001234
14.707	-0.00061	0.002291	-7.6E-05	0.002372
14.70936	0	0.00168	0.001145	0.002033
14.71172	0.003054	0.001069	0.000534	0.00328
14.71409	0	0.001069	0.001756	0.002056
14.71645	-0.00183	-0.00015	0.001756	0.002543
14.71881	0	-0.00076	0.002367	0.002487
14.72117	0.000611	0.000458	0.000534	0.000932
14.72354	-0.00183	0.001069	0.002978	0.003656
14.7259	-0.00305	0.00168	0.000534	0.003526
14.72826	0	0.000458	0.001756	0.001815
14.73062	0.000611	0.000458	0.003589	0.003669
14.73299	-0.00122	0.001069	0.002978	0.003392
14.73535	-0.00061	0.002291	0.001145	0.002633
14.73771	-0.00061	0.002291	0.002367	0.00335
14.74008	0.000611	0.001069	0.003589	0.003794
14.74244	0	0.001069	0.000534	0.001195
14.7448	-0.00061	0.002902	0.001756	0.003446
14.74716	-0.00183	0.00168	0.002367	0.003433
14.74953	-0.00061	-0.00076	0.001756	0.00201
14.75189	0	0.000458	0.002367	0.002411
14.75425	-0.00061	-0.00076	0.002367	0.002561
14.75662	0.000611	0.002291	0.001145	0.002633

14.75898	0.000611	0.002291	0.001145	0.002633
14.76134	0	-0.00015	0.002978	0.002982
14.7637	-0.00122	0.00168	0.002978	0.003631
14.76607	-0.00122	0.001069	0.001756	0.002392
14.76843	0	0.00168	0.001145	0.002033
14.77079	0	0.001069	0.0042	0.004333
14.77316	0	-0.00015	-7.6E-05	0.000171
14.77552	-0.00061	0.00168	0.000534	0.001866
14.77788	0	0.002291	0.001145	0.002561
14.78024	0	0.00168	0.001756	0.00243
14.78261	-0.00061	-0.00015	0.000534	0.000826
14.78497	-0.00061	0.001069	0.000534	0.001342
14.78733	-0.00183	0.001069	0.000534	0.002188
14.78969	-0.00183	0.000458	0.001756	0.002579
14.79206	-0.00061	-0.00015	0.001756	0.001866
14.79442	0.000611	0.000458	0.001145	0.001377
14.79678	0.000611	-0.00015	0.001756	0.001866
14.79915	0.000611	0.001069	0.001145	0.001682
14.80151	0.000611	0.002291	0.002978	0.003806
14.80387	-0.00061	0.001069	0.000534	0.001342
14.80623	-0.00122	0.002291	0.000534	0.002651
14.8086	0	0.00168	0.002367	0.002903
14.81096	-0.00061	0.001069	-0.0013	0.001789
14.81332	-0.00061	-0.00015	-0.00069	0.000932
14.81569	0	0.000458	0.001145	0.001234
14.81805	-0.00061	-0.00076	0.001145	0.001506
14.82041	0.000611	0.00168	0.002367	0.002966
14.82277	0.000611	0.002902	0.001145	0.003179
14.82514	0.000611	0.004123	0.000534	0.004202
14.8275	0.000611	0.004734	0.002367	0.005328
14.82986	0	0.002902	0.002367	0.003745
14.83223	0.000611	0.003512	-7.6E-05	0.003566
14.83459	0.000611	0.002291	-0.00069	0.002468
14.83695	0.000611	0.002291	0.001145	0.002633
14.83931	0.000611	0.00168	-7.6E-05	0.001789
14.84168	-0.00122	0.002902	0.001756	0.003605
14.84404	0	0.004123	0.000534	0.004158
14.8464	0.001222	0.004734	0.002367	0.005432
14.84877	-0.00122	0.002291	0.001145	0.002838
14.85113	0.001222	0.002902	0.002978	0.004333
14.85349	0	0.002902	0.002367	0.003745
14.85585	0	0.002902	0.000534	0.00295
14.85822	0.000611	0.00168	0.001145	0.002123
14.86058	-0.00061	0.003512	0.001145	0.003745
14.86294	0	0.002902	0.000534	0.00295
14.8653	-0.00061	0.002291	-0.00069	0.002468
14.86767	-0.00183	0.001069	-0.00069	0.00223
14.87003	-0.00122	-0.00015	-0.00191	0.002272
14.87239	-0.00061	0.000458	-7.6E-05	0.000767
14.87476	-0.00122	0.00168	-7.6E-05	0.002079
14.87712	-0.00183	0.001069	0.000534	0.002188
14.87948	-0.00122	0.002291	0.001756	0.003134

14.88184	0	0.002902	0.000534	0.00295
14.88421	0.000611	0.00168	0.002367	0.002966
14.88657	-0.00061	0.002291	0.002367	0.00335
14.88893	-0.00183	0.002291	-7.6E-05	0.002934
14.8913	-0.00183	0.001069	-7.6E-05	0.002123
14.89366	-0.00305	0.00168	0.002367	0.004213
14.89602	-0.00183	0.00168	0.000534	0.002543
14.89838	-0.00122	0.001069	0.001145	0.001987
14.90075	-0.00183	0.001069	0.001145	0.002411
14.90311	-0.00061	-0.00015	0.001145	0.001307
14.90547	0	-0.00015	0.001145	0.001155
14.90784	-0.00122	-0.00015	0.001756	0.002145
14.9102	0	0.00168	0.002367	0.002903
14.91256	-0.00183	0.00168	0.001756	0.003044
14.91492	-0.00061	0.00168	0.000534	0.001866
14.91729	-0.00244	0.002902	0.000534	0.003831
14.91965	-0.00244	0.002902	0.002978	0.004823
14.92201	-0.00122	0.000458	0.000534	0.00141
14.92438	0.000611	0.001069	0.000534	0.001342
14.92674	0.001222	0.001069	0.001145	0.001987
14.9291	-0.00122	-0.00015	-7.6E-05	0.001234
14.93146	-0.00305	-0.00015	0.001756	0.003526
14.93383	-0.00305	0.000458	0.003589	0.004735
14.93619	-0.00122	0.001069	0.001756	0.002392
14.93855	-0.00244	0.001069	0.002367	0.003566
14.94091	-0.00244	-0.00137	0.001756	0.003308
14.94328	-0.00367	-0.00076	0.002978	0.004784
14.94564	-0.00244	0.000458	0.002978	0.003879
14.948	-0.00244	0.003512	0.002367	0.00489
14.95037	-0.0055	0.002902	0.003589	0.007178
14.95273	-0.00489	0.004734	0.005421	0.0087
14.95509	-0.00489	0.004123	0.003589	0.007332
14.95745	-0.00733	0.005345	0.002367	0.009376
14.95982	-0.00794	0.00901	0.002978	0.012374
14.96218	-0.00916	0.009621	0.003589	0.013762
14.96454	-0.01038	0.011453	0.003589	0.015871
14.96691	-0.01283	0.015118	0.002978	0.02005
14.96927	-0.01771	0.018784	0.003589	0.026067
14.97163	-0.02077	0.023059	0.0042	0.031316
14.97399	-0.02199	0.022449	0.002367	0.031514
14.97636	-0.02566	0.024281	0.002978	0.035449
14.97872	-0.02749	0.027335	0.001145	0.038783
14.98108	-0.03237	0.031	-0.00069	0.044829
14.98345	-0.03971	0.036498	-0.00191	0.053965
14.98581	-0.04642	0.042607	-0.00496	0.063207
14.98817	-0.05131	0.042607	-0.00741	0.067105
14.99053	-0.05375	0.037109	-0.01351	0.066703
14.9929	-0.05986	0.035887	-0.0184	0.072181
14.99526	-0.06719	0.044439	-0.0239	0.084029
14.99762	-0.07208	0.055434	-0.02879	0.095379
14.99999	-0.08491	0.060321	-0.03306	0.109275
15.00235	-0.09835	0.058489	-0.03489	0.119627

15.00471	-0.12461	0.065819	-0.04039	0.146602
15.00707	-0.16249	0.079868	-0.04833	0.187394
15.00944	-0.20341	0.090864	-0.05261	0.228911
15.01118	-0.24861	0.098194	-0.05933	0.273809
15.01416	-0.29932	0.103691	-0.06483	0.323332
15.01652	-0.36101	0.100026	-0.0691	0.380932
15.01889	-0.42943	0.079868	-0.07277	0.44281
15.02125	-0.50334	0.050548	-0.07277	0.511077
15.02361	-0.58397	0.021838	-0.06788	0.588307
15.02598	-0.67438	-0.01359	-0.06238	0.677391
15.02834	-0.77455	-0.07162	-0.05933	0.780118
15.0307	-0.88023	-0.16508	-0.05566	0.897305
15.03306	-0.98407	-0.27748	-0.04589	1.023476
15.03543	-1.07876	-0.37399	-0.03673	1.142337
15.03779	-1.16305	-0.44363	-0.0294	1.245136
15.04015	-1.2401	-0.48883	-0.01901	1.3331
15.04252	-1.32073	-0.52976	-0.01535	1.423096
15.04488	-1.41907	-0.59023	-0.00741	1.536945
15.04724	-1.55163	-0.63421	-0.00741	1.676255
15.0496	-1.71534	-0.67575	-0.01351	1.843691
15.05197	-1.88271	-0.7405	-0.01351	2.023144
15.05433	-2.04764	-0.84373	-0.00924	2.214675
15.05669	-2.22295	-0.94697	-7.6E-05	2.416247
15.05906	-2.41659	-1.0276	0.009086	2.626012
15.06142	-2.60412	-1.09907	0.018249	2.826608
15.06378	-2.79165	-1.16504	0.013973	3.025031
15.06614	-2.98345	-1.17664	-0.02023	3.207164
15.06851	-3.15938	-1.11434	-0.06788	3.350825
15.07087	-3.32797	-1.04043	-0.09659	3.488153
15.07323	-3.44587	-0.96651	-0.11369	3.580651
15.07559	-3.51978	-0.92864	-0.12102	3.642233
15.07796	-3.55337	-0.9604	-0.13019	3.683178
15.08032	-3.54971	-1.0557	-0.15584	3.706646
15.08268	-3.49473	-1.16565	-0.19249	3.689032
15.08505	-3.39944	-1.26033	-0.23098	3.632903
15.08741	-3.26811	-1.34218	-0.26457	3.542879
15.08977	-3.10746	-1.42228	-0.30122	3.43073
15.09213	-2.92115	-1.49436	-0.33665	3.298417
15.0945	-2.69697	-1.54079	-0.37147	3.128201
15.09686	-2.44896	-1.57133	-0.40201	2.937364
15.09922	-2.17653	-1.59882	-0.43195	2.734968
15.10159	-1.88943	-1.62814	-0.45699	2.535666
15.10395	-1.59194	-1.63363	-0.4802	2.331018
15.10631	-1.29446	-1.62081	-0.49303	2.13207
15.10867	-0.99324	-1.57194	-0.49731	1.924793
15.11104	-0.70247	-1.4968	-0.4912	1.724868
15.11134	-0.42271	-1.42717	-0.4802	1.563996
15.11576	-0.15577	-1.38128	-0.46737	1.466503
15.11813	0.101401	-1.35562	-0.4576	1.434362
15.12049	0.35307	-1.33546	-0.43866	1.449328
15.12285	0.601685	-1.29759	-0.42339	1.491654
15.12521	0.844802	-1.24445	-0.41118	1.559297

15.12758	1.08853	-1.1852	-0.40201	1.658675
15.12994	1.332869	-1.12656	-0.39346	1.788988
15.1323	1.576062	-1.06791	-0.38552	1.942431
15.13467	1.816736	-1.01049	-0.38125	2.113522
15.13703	2.059853	-0.94147	-0.38125	2.296673
15.13939	2.296862	-0.87611	-0.38002	2.48748
15.14175	2.530206	-0.81258	-0.37819	2.684261
15.14412	2.755608	-0.74966	-0.37758	2.880614
15.14648	2.970627	-0.68736	-0.37453	3.072027
15.14884	3.172206	-0.64154	-0.37147	3.257677
15.15121	3.358515	-0.61039	-0.36475	3.432964
15.15357	3.52833	-0.58229	-0.35681	3.593813
15.15593	3.675544	-0.54747	-0.34704	3.732263
15.15829	3.799546	-0.49799	-0.33726	3.846855
15.16066	3.893006	-0.43385	-0.33177	3.931131
15.16302	3.957145	-0.35383	-0.33177	3.986761
15.16538	3.987687	-0.24571	-0.32077	4.008107
15.16774	3.985855	-0.13454	-0.29939	3.999347
15.17011	3.957145	-0.03375	-0.2774	3.967
15.17247	3.906445	0.054824	-0.25785	3.915329
15.17483	3.842306	0.13851	-0.23525	3.851992
15.1772	3.767171	0.239299	-0.20715	3.780444
15.17956	3.688983	0.359025	-0.17539	3.71056
15.18192	3.607129	0.490358	-0.13874	3.64295
15.18428	3.523443	0.624744	-0.10087	3.579823
15.18665	3.442811	0.753022	-0.06055	3.524721
15.18901	3.362791	0.864807	-0.02268	3.472285
15.19137	3.285824	0.97537	0.012141	3.427555
15.19374	3.215576	1.079214	0.038407	3.392066
15.1961	3.156935	1.167176	0.058565	3.366299
15.19846	3.104402	1.218488	0.072004	3.335747
15.20082	3.064697	1.238035	0.075669	3.30618
15.20319	3.035987	1.219098	0.081166	3.272615
15.20555	3.031101	1.181837	0.081777	3.254381
15.20791	3.047593	1.121363	0.075669	3.248231
15.21028	3.093407	1.013243	0.070171	3.25588
15.21264	3.1606	0.841595	0.06223	3.271322
15.21215	3.250395	0.600921	0.053067	3.305902
15.21736	3.35485	0.344976	0.043294	3.372818
15.21973	3.466635	0.140342	0.022525	3.469547
15.22209	3.579031	0.018784	-0.00496	3.579083
15.22445	3.690815	-0.03131	-0.04528	3.691226
15.22682	3.800157	-0.00687	-0.09903	3.801453
15.22918	3.915607	0.110411	-0.15462	3.920214
15.23154	4.038388	0.300384	-0.20471	4.054715
15.2339	4.153303	0.484249	-0.24564	4.188647
15.23627	4.251039	0.599699	-0.27496	4.301926
15.23863	4.325562	0.630853	-0.29267	4.381109
15.24099	4.371376	0.59298	-0.29389	4.42119
15.24335	4.38176	0.51357	-0.29145	4.421371
15.24572	4.366489	0.426219	-0.29145	4.396912
15.24808	4.285246	0.301606	-0.28534	4.305313

15.25044	4.139254	0.194097	-0.28534	4.153615
15.25281	3.95348	0.092696	-0.29206	3.965337
15.25517	3.78794	-0.06857	-0.28595	3.799337
15.25753	3.671879	-0.13698	-0.28351	3.685355
15.25989	3.517946	0.014508	-0.30061	3.530796
15.26226	3.338357	0.25396	-0.311	3.362416
15.26462	3.158767	0.464702	-0.30917	3.207701
15.26698	2.970016	0.569157	-0.3	3.038904
15.26935	2.751943	0.588093	-0.30061	2.830091
15.27171	2.49722	0.544112	-0.31039	2.574589
15.27407	2.232112	0.446987	-0.31833	2.298577
15.27643	1.97067	0.357193	-0.31955	2.028112
15.2788	1.717168	0.335813	-0.32871	1.780306
15.28116	1.464277	0.390179	-0.33971	1.552981
15.28352	1.221084	0.473865	-0.35498	1.357057
15.28589	0.988351	0.524565	-0.36964	1.178405
15.28825	0.761727	0.512959	-0.38308	0.995039
15.29061	0.538767	0.453096	-0.39896	0.809157
15.29297	0.333523	0.372464	-0.41545	0.650052
15.29534	0.147825	0.302828	-0.43256	0.548326
15.2977	-0.01527	0.263122	-0.44722	0.519104
15.30006	-0.15577	0.259457	-0.46127	0.551677
15.30243	-0.28221	0.27595	-0.47226	0.615486
15.30479	-0.39277	0.282059	-0.48081	0.681917
15.30715	-0.49723	0.268009	-0.48875	0.746958
15.30951	-0.59191	0.231358	-0.49731	0.806969
15.31188	-0.67682	0.184323	-0.50403	0.863771
15.31424	-0.7544	0.14584	-0.50952	0.921953
15.3166	-0.82037	0.125682	-0.50891	0.973546
15.31896	-0.88145	0.126904	-0.50708	1.024789
15.32133	-0.93643	0.134234	-0.50219	1.071035
15.32369	-0.98896	0.137899	-0.49303	1.113616
15.32605	-1.04149	0.119573	-0.47715	1.151816
15.32842	-1.09464	0.077425	-0.45455	1.187788
15.33078	-1.15023	0.014508	-0.43683	1.230468
15.33314	-1.20703	-0.04963	-0.42523	1.280708
15.3355	-1.26575	-0.09361	-0.42095	1.337195
15.33787	-1.32256	-0.10705	-0.41851	1.391321
15.34023	-1.37815	-0.09056	-0.41973	1.44349
15.34259	-1.43373	-0.05574	-0.41729	1.494266
15.34496	-1.48688	-0.01542	-0.41362	1.543414
15.34732	-1.54674	0.018784	-0.40812	1.599789
15.34968	-1.60783	0.035276	-0.39957	1.657108
15.35204	-1.67258	0.036498	-0.38674	1.717094
15.35441	-1.7361	0.02367	-0.3733	1.775943
15.35677	-1.80146	-0.00076	-0.35315	1.835753
15.35913	-1.86255	-0.01726	-0.33604	1.8927
15.3615	-1.92302	-0.0307	-0.31283	1.948544
15.36386	-1.98105	-0.03864	-0.29512	2.003288
15.36622	-2.03664	-0.04291	-0.27801	2.055976
15.36858	-2.09223	-0.04841	-0.26702	2.109754
15.37095	-2.13926	-0.05391	-0.25785	2.155422

15.37331	-2.18202	-0.02398	-0.24625	2.196005
15.37567	-2.22112	0.279615	-0.20532	2.248044
15.37804	-2.09528	0.665671	-0.14118	2.203011
15.3804	-1.85339	0.79517	-0.09964	2.019225
15.38276	-1.58034	0.646735	-0.09476	1.710179
15.38512	-1.28102	0.257625	-0.09903	1.310419
15.38749	-0.99324	-0.12782	-0.09598	1.006017
15.38985	-0.72508	-0.33612	-0.08498	0.803699
15.39221	-0.46608	-0.3746	-0.07093	0.602151
15.39457	-0.24495	-0.33184	-0.05933	0.416701
15.39694	-0.08918	-0.26954	-0.04955	0.2882
15.3993	-0.01833	-0.22006	-0.03673	0.223853
15.40166	-0.03604	-0.17424	-0.02695	0.179962
15.40403	-0.11912	-0.13454	-0.02451	0.181356
15.40639	-0.2419	-0.09178	-0.02329	0.259768
15.40875	-0.38117	-0.02886	-0.02268	0.382932
15.41111	-0.52044	0.067651	-0.01596	0.525063
15.41348	-0.65422	0.187988	-0.01107	0.680781
15.41584	-0.78127	0.301606	0.002367	0.837473
15.4182	-0.8839	0.364523	0.01886	0.956298
15.42057	-0.96147	0.371853	0.035353	1.031482
15.42293	-0.99996	0.35536	0.051846	1.062489
15.42529	-1.00362	0.347419	0.067117	1.064172
15.42765	-0.96758	0.355971	0.086053	1.03457
15.43002	-0.90161	0.371853	0.100713	0.980469
15.43238	-0.81731	0.368799	0.111709	0.9036
15.43474	-0.72324	0.343143	0.117817	0.809141
15.43711	-0.63039	0.302217	0.125758	0.710315
15.43947	-0.54915	0.263733	0.130645	0.62305
15.44183	-0.48196	0.238689	0.137364	0.55509
15.44419	-0.43248	0.236856	0.144084	0.513712
15.44656	-0.40438	0.249684	0.150803	0.498605
15.44892	-0.40682	0.272285	0.157522	0.514255
15.45128	-0.4337	0.29733	0.166685	0.551621
15.45364	-0.4844	0.322986	0.176459	0.60836
15.45601	-0.55221	0.345587	0.188065	0.678034
15.45837	-0.63039	0.36208	0.19906	0.75374
15.46073	-0.71652	0.381627	0.211277	0.838858
15.4631	-0.80265	0.408504	0.221661	0.927503
15.46546	-0.88329	0.439046	0.232046	1.013311
15.46782	-0.9572	0.465313	0.243652	1.091838
15.47018	-1.01767	0.481195	0.255869	1.154414
15.47255	-1.06104	0.49219	0.269918	1.200382
15.47491	-1.08792	0.500131	0.285189	1.230866
15.47727	-1.09891	0.505018	0.293741	1.244564
15.47964	-1.09097	0.505018	0.303515	1.239914
15.482	-1.06837	0.500131	0.312067	1.220219
15.48436	-1.03233	0.493412	0.315732	1.18695
15.48672	-0.98774	0.482417	0.313288	1.143025
15.48909	-0.93704	0.468367	0.315121	1.093943
15.49145	-0.88451	0.455539	0.313288	1.043081
15.49381	-0.82648	0.446377	0.311456	0.989606

15.49618	-0.76722	0.440879	0.308401	0.93708
15.49854	-0.71225	0.44149	0.304736	0.89167
15.5009	-0.6591	0.444544	0.301071	0.850107
15.50326	-0.61085	0.448209	0.296795	0.813703
15.50563	-0.5687	0.449431	0.291909	0.78142
15.50799	-0.52899	0.446987	0.287633	0.74991
15.51035	-0.4954	0.443933	0.2858	0.724001
15.51272	-0.46669	0.436603	0.286411	0.700322
15.51508	-0.44225	0.43416	0.282746	0.681196
15.51744	-0.41782	0.424386	0.283357	0.659521
15.5198	-0.40133	0.415834	0.283968	0.643909
15.52217	-0.38789	0.406061	0.284578	0.629545
15.52453	-0.38178	0.396287	0.2858	0.620065
15.52689	-0.383	0.381627	0.288244	0.61271
15.52925	-0.39339	0.364523	0.290687	0.610023
15.53162	-0.4111	0.350474	0.291298	0.61375
15.53398	-0.44286	0.339478	0.293741	0.630601
15.53634	-0.49112	0.335813	0.295574	0.66433
15.53871	-0.54854	0.334592	0.301682	0.709831
15.54107	-0.62062	0.342533	0.305958	0.772081
15.54343	-0.70247	0.356582	0.312677	0.847578
15.54579	-0.79166	0.376129	0.320618	0.933269
15.54816	-0.88756	0.396898	0.327949	1.026081
15.55052	-0.98591	0.414613	0.33589	1.121044
15.55288	-1.07998	0.430495	0.339555	1.211188
15.55525	-1.16855	0.450653	0.340166	1.29781
15.55761	-1.24926	0.470811	0.337722	1.377086
15.55997	-1.31828	0.493412	0.337111	1.447403
15.56233	-1.37448	0.51357	0.332225	1.504437
15.5647	-1.41174	0.53556	0.326727	1.544862
15.56706	-1.43618	0.552664	0.318175	1.571395
15.56942	-1.44595	0.559383	0.306569	1.580402
15.57179	-1.44107	0.552664	0.294352	1.571225
15.57415	-1.42213	0.537393	0.281524	1.546123
15.57651	-1.39464	0.512959	0.264421	1.509327
15.57887	-1.35738	0.478141	0.252814	1.461168
15.58124	-1.31523	0.436603	0.241819	1.406744
15.5836	-1.2682	0.384681	0.226548	1.344479
15.58596	-1.22047	0.330927	0.21372	1.282475
15.58833	-1.17588	0.272285	0.202725	1.223901
15.59069	-1.13373	0.213644	0.189897	1.169211
15.59305	-1.09708	0.15317	0.178902	1.122076
15.59541	-1.06898	0.089031	0.168517	1.08584
15.59778	-1.04638	0.025503	0.15569	1.058208
15.60014	-1.03844	-0.03803	0.145305	1.049246
15.6025	-1.03722	-0.09667	0.136753	1.050651
15.60486	-1.04516	-0.14981	0.126369	1.063377
15.60723	-1.06165	-0.19746	0.11965	1.086467
15.60959	-1.08914	-0.23838	0.109876	1.120324
15.61195	-1.12213	-0.27198	0.095216	1.158537
15.61432	-1.16427	-0.29886	0.07689	1.204477
15.61668	-1.21192	-0.33368	0.058565	1.258381

15.61904	-1.26209	-0.37827	0.045126	1.318327
15.6214	-1.31401	-0.42286	0.043294	1.381052
15.62377	-1.36227	-0.45523	0.046348	1.437064
15.62613	-1.40869	-0.47295	0.051846	1.486868
15.62849	-1.45267	-0.47845	0.057954	1.53053
15.63086	-1.49054	-0.4815	0.065284	1.567745
15.63322	-1.52475	-0.48517	0.073836	1.601781
15.63558	-1.55713	-0.49005	0.081166	1.634436
15.63794	-1.58584	-0.49127	0.084831	1.662354
15.64031	-1.6121	-0.48517	0.09094	1.68598
15.64267	-1.62921	-0.47417	0.096438	1.699544
15.64503	-1.63959	-0.46256	0.101935	1.706638
15.6474	-1.64264	-0.44913	0.104989	1.706171
15.64976	-1.63348	-0.43935	0.111098	1.69518
15.65212	-1.61577	-0.4308	0.114763	1.676145
15.65448	-1.58522	-0.42164	0.114763	1.64435
15.65685	-1.54124	-0.40576	0.115985	1.597975
15.65921	-1.48627	-0.38438	0.117817	1.539681
15.66157	-1.42091	-0.36055	0.118428	1.470714
15.66394	-1.34638	-0.33368	0.115374	1.391905
15.6663	-1.27369	-0.3123	0.113541	1.316326
15.66866	-1.19726	-0.28725	0.111709	1.236295
15.67102	-1.11724	-0.26465	0.111098	1.153519
15.67339	-1.04088	-0.24022	0.109265	1.073816
15.67575	-0.96331	-0.21639	0.109876	0.993407
15.67811	-0.84448	-0.13393	0.104379	0.861697
15.68047	-0.69698	-0.02459	0.108654	0.705824
15.68284	0.222348	0.665671	0.055511	0.704016
15.6852	2.918705	2.391391	-0.24625	3.781299
15.68756	5.22473	2.28999	-0.31405	5.713185
15.68993	5.539927	0.143396	-0.24625	5.54725
15.69229	4.56929	-2.42774	-0.27313	5.181401
15.69465	3.473965	-4.16995	-0.33054	5.437478
15.69701	2.141707	-3.01965	-0.32688	3.716454
15.69938	0.855186	0.696824	-0.01474	1.103234
15.70174	-0.15027	3.283228	0.390866	3.309825
15.7041	-0.75256	3.022396	0.549075	3.162707
15.70647	-1.13618	1.852013	0.621155	2.259796
15.70883	-1.37815	0.85992	0.56679	1.720466
15.71119	-1.14167	0.311379	0.450118	1.266089
15.71355	-0.53327	-0.00687	0.455005	0.701037
15.71592	0.008552	-0.09178	0.566179	0.573633
15.71828	0.381169	0.123238	0.668801	0.779598
15.72064	0.613291	0.490968	0.665136	1.02936
15.72301	0.787382	0.661395	0.574731	1.178019
15.72537	0.943759	0.497077	0.459892	1.161579
15.72773	1.104412	0.078647	0.375595	1.16918
15.73009	1.258345	-0.38132	0.305958	1.349981
15.73246	1.357303	-0.62261	0.25709	1.515257
15.73482	1.316987	-0.51326	0.232046	1.432389
15.73718	1.157556	-0.13454	0.188675	1.180523
15.73955	0.966971	0.278394	0.155079	1.018129

15.74191	0.816703	0.449431	0.132477	0.941564
15.74427	0.745844	0.283891	0.114152	0.806169
15.74663	0.761116	-0.05635	0.088496	0.768312
15.74749	0.798377	-0.29519	0.08361	0.855298
15.75136	0.802653	-0.27687	0.071393	0.852059
15.75372	0.772722	-0.10888	0.057954	0.782504
15.75608	0.740347	0.04505	0.06956	0.744971
15.75845	0.720189	0.13912	0.050013	0.735206
15.76081	0.662158	0.079868	0.002367	0.666962
15.76317	0.561979	-0.19685	-0.03306	0.596374
15.76554	0.473407	-0.50227	-0.05017	0.692029
15.7679	0.379947	-0.69835	-0.05444	0.79688
15.77026	0.255945	-0.73806	-0.04406	0.782417
15.77262	0.0507	-0.57129	-0.01901	0.573855
15.77499	-0.25656	-0.21761	0.020082	0.337017
15.77735	-0.61024	0.158668	0.045126	0.632139
15.77971	-0.94498	0.292443	0.034131	0.989786
15.78208	-1.20765	0.177604	0.015806	1.220737
15.78444	-1.38609	-0.03619	0.012141	1.386614
15.7868	-1.48321	-0.19318	0.019471	1.495868
15.78916	-1.51742	-0.20601	0.02619	1.531565
15.79153	-1.51437	-0.07834	0.029244	1.516674
15.79389	-1.50581	0.09575	0.028023	1.509116
15.79625	-1.51253	0.25396	0.020692	1.533846
15.79862	-1.28408	0.640626	-0.02512	1.435231
15.80098	-0.27732	1.255749	-0.12041	1.291632
15.80334	0.755007	0.850147	-0.09476	1.140949
15.8057	1.027445	-0.33734	-0.05139	1.082628
15.80807	0.623675	-0.88161	-0.08865	1.083539
15.81043	0.150879	-0.97934	-0.10209	0.99614
15.81279	-0.1069	-0.95002	-0.07155	0.958689
15.81516	-0.18264	-0.69774	-0.03917	0.722312
15.81752	-0.15454	-0.28603	-0.02634	0.326176
15.81988	-0.07391	0.069484	-0.02451	0.104364
15.82224	0.005498	0.220974	-0.02634	0.222607
15.82461	0.041538	0.202038	-0.041	0.210299
15.82697	0.006108	0.216698	-0.08071	0.231321
15.82933	-0.07636	0.363912	-0.1143	0.389009
15.83169	-0.13011	0.509905	-0.11003	0.537622
15.83406	-0.11056	0.443322	-0.09109	0.465894
15.83642	-0.04826	0.23991	-0.08315	0.258457
15.83878	0.001833	0.039552	-0.08437	0.093202
15.84115	0.021991	-0.06612	-0.09293	0.116151
15.84351	0.025045	-0.06674	-0.09293	0.117115
15.84587	0.02871	0.013897	-0.09048	0.095939
15.84823	0.02871	0.118963	-0.08804	0.150755
15.8506	0.029932	0.202038	-0.08865	0.222652
15.85296	0.029932	0.239299	-0.09415	0.258889
15.85532	0.030542	0.230748	-0.0972	0.252241
15.85769	0.033597	0.198373	-0.09659	0.223182
15.86005	0.042759	0.147672	-0.08865	0.177466
15.86241	0.051311	0.083533	-0.07888	0.125825

15.86477	0.053144	0.026725	-0.0691	0.091179
15.86714	0.045814	-0.00443	-0.05811	0.074128
15.8695	0.032986	-0.01054	-0.04467	0.056518
15.87186	0.020769	-0.0026	-0.03612	0.041743
15.87423	0.011606	0.013286	-0.02879	0.033762
15.87659	0.009163	0.035276	-0.0239	0.043584
15.87895	0.00733	0.057267	-0.02634	0.06346
15.88131	0.011606	0.071316	-0.02146	0.075373
15.88368	0.015882	0.071316	-0.01718	0.075056
15.88604	0.020158	0.059099	-0.0184	0.065098
15.8884	0.026266	0.038942	-0.02085	0.05139
15.89077	0.027488	0.015118	-0.02023	0.037331
15.89313	0.023823	0.002291	-0.0184	0.03019
15.89549	0.018936	0.005345	-0.01657	0.025723
15.89785	0.014049	0.010843	-0.01901	0.026008
15.90022	0.009774	0.019394	-0.01962	0.02927
15.90258	0.008552	0.026114	-0.01901	0.033415
15.90494	0.010384	0.043828	-0.01962	0.049131
15.9073	0.017104	0.053602	-0.0184	0.059197
15.90967	0.023823	0.056656	-0.02085	0.0649
15.91203	0.026877	0.051158	-0.02023	0.061229
15.91439	0.025656	0.040163	-0.02085	0.052017
15.91676	0.017715	0.024281	-0.02085	0.036577
15.91912	0.006108	0.004123	-0.02146	0.022686
15.92148	-0.00122	-0.00993	-0.02146	0.023672
15.92384	-0.00428	-0.0142	-0.01962	0.024598
15.92621	-0.0055	-0.01298	-0.02268	0.026702
15.92857	-0.00305	-0.00687	-0.02451	0.025638
15.93093	0.001833	0.001069	-0.02634	0.026428
15.9333	0.005498	0.007788	-0.02573	0.027441
15.93566	0.00733	0.015729	-0.02756	0.032572
15.93802	0.009163	0.01634	-0.03245	0.037471
15.94038	0.012828	0.020005	-0.03978	0.046339
15.94275	0.02138	0.010843	-0.04528	0.051233
15.94511	0.034818	-0.0087	-0.05627	0.066745
15.94747	0.045203	-0.00565	-0.06849	0.082257
15.94984	0.048257	0.008399	-0.07826	0.092329
15.9522	0.051922	0.003512	-0.08621	0.100696
15.95456	0.053755	-0.01909	-0.09109	0.107479
15.95692	0.051922	-0.03314	-0.08926	0.10845
15.95929	0.042148	-0.02214	-0.08498	0.097412
15.96165	0.030542	-0.00137	-0.07704	0.082888
15.96401	0.018325	0.011453	-0.06238	0.06602
15.96638	0.009774	0.015118	-0.04467	0.04816
15.96874	0.000611	0.021227	-0.03123	0.037766
15.9711	-0.00367	0.029779	-0.01962	0.035851
15.97346	-0.00183	0.032833	-0.01107	0.034698
15.97583	0.001833	0.032833	-0.00741	0.033708
15.97819	0.005498	0.035276	-0.00557	0.036135
15.98055	0.006108	0.03772	-0.00863	0.039173
15.98291	0.007941	0.031	-0.00863	0.033144
15.98528	0.009163	0.015118	-0.00496	0.018362

15.98764	0.007941	0.004123	-0.00496	0.010232
15.99	0.007941	-0.00382	-0.00435	0.009827
15.99237	0.00733	-0.00443	0.001145	0.00864
15.99473	0.007941	-0.00076	0.001756	0.008169
15.99709	0.00733	0.002291	0.002978	0.008237
15.99945	0.004887	0.003512	0.002367	0.006467
16.00182	0.007941	0.005956	0.001145	0.009992
16.00418	0.00733	0.005345	0.002367	0.009376
16.00654	0.004887	0.004123	0.001756	0.006631
16.00891	0.002443	0.004123	0.000534	0.004823
16.01127	0.003054	0.004123	0.003589	0.006262
16.01363	0.002443	0.00168	0.0042	0.005141
16.01599	0.001833	0.002902	0.002978	0.004544
16.01836	0	0.002902	0.002978	0.004158
16.02072	-0.00061	0.002902	0.000534	0.003013
16.02308	-0.00183	0.004123	0.002367	0.005095
16.02545	-0.00244	0.002291	0.002978	0.004482
16.02781	-0.00367	0.00168	0.001756	0.004398
16.03017	-0.00061	-0.00015	0.001756	0.001866
16.03253	-0.00061	0.000458	0.001145	0.001377
16.0349	-0.00122	0.000458	0.002978	0.003251
16.03726	-0.00183	0.004734	-7.6E-05	0.005077
16.03962	-0.00183	0.005345	0.001756	0.005917
16.04199	-0.00183	0.006567	0.000534	0.006838
16.04435	-0.00428	0.005345	-0.00069	0.006879
16.04671	-0.00244	0.003512	-7.6E-05	0.004279
16.04907	-0.00244	0.005956	0.001145	0.006539
16.05144	-0.00183	0.002902	-7.6E-05	0.003433
16.0538	0.001222	0.005956	-0.0013	0.006217
16.05616	-0.00061	0.006567	0.001145	0.006694
16.05852	-0.00122	0.005956	-0.00069	0.006118
16.06089	-0.00305	0.003512	0.000534	0.004685
16.06325	-0.00183	0.002291	0.000534	0.002982
16.06561	-0.00122	0.004123	0.000534	0.004333
16.06798	-0.00183	0.004734	-0.00069	0.005123
16.07034	-0.00305	0.004123	-0.00069	0.005177
16.0727	-0.00183	0.005345	-0.00191	0.005964
16.07506	-0.00183	0.004734	0.001145	0.005204
16.07743	-0.00061	0.004734	0.000534	0.004803
16.07979	0.001222	0.005956	0.001145	0.006187
16.08215	0	0.005956	-0.00069	0.005995
16.08452	-0.00061	0.007177	0.000534	0.007223
16.08688	0	0.008399	0.000534	0.008416
16.08924	0.001222	0.008399	0.001756	0.008667
16.0916	0.001833	0.007788	0.002367	0.008344
16.09397	0.000611	0.00901	0.000534	0.009046
16.09633	0.002443	0.007788	0.001145	0.008243
16.09869	0.001222	0.008399	0.001756	0.008667
16.10106	0.001833	0.006567	0.002978	0.00744
16.10342	0	0.007788	0.002367	0.00814
16.10578	0.001222	0.004734	0.00481	0.006859
16.10814	0.001222	0.005345	0.0042	0.006906

16.11051	0.002443	0.004123	0.002367	0.005345
16.11287	0	0.004123	0.002367	0.004754
16.11523	0	0.004123	0.001145	0.004279
16.1176	0.001833	0.003512	0.0042	0.005773
16.11996	0.001222	0.004123	0.002978	0.005231
16.12232	0.000611	0.004734	-0.00069	0.004823
16.12468	0.001833	0.00168	-7.6E-05	0.002487
16.12705	0.000611	0.003512	-0.0013	0.003794
16.12941	0.000611	0.003512	-0.00069	0.003631
16.13177	0.001222	0.004734	-7.6E-05	0.00489
16.13413	0.002443	0.005956	-0.0013	0.006567
16.1365	0.000611	0.003512	-0.00069	0.003631
16.13886	-0.00183	0.004734	-0.0013	0.00524
16.14122	-0.00183	0.00168	-0.0013	0.002804
16.14359	0	-0.00015	-0.00069	0.000704
16.14595	0.000611	0.001069	-0.0013	0.001789
16.14831	-0.00183	0.001069	-0.0013	0.002487
16.15067	-0.00122	0.00168	-7.6E-05	0.002079
16.15304	-0.00122	0.002291	0.000534	0.002651
16.1554	-0.00305	0.002902	-0.0013	0.004408
16.15776	-0.00305	0.002902	-0.00252	0.004909
16.16013	-0.00244	0.004123	-0.00374	0.00608
16.16249	0	0.005956	-0.00069	0.005995
16.16485	-0.00122	0.005345	-0.00252	0.006034
16.16721	-0.00122	0.004734	-0.00069	0.004937
16.16958	-0.00122	0.005345	-0.00252	0.006034
16.17194	-0.00244	0.005956	-0.00252	0.006913
16.1743	-0.00061	0.006567	-0.00252	0.00706
16.17667	-0.00061	0.007788	-0.00313	0.008416
16.17903	0.001222	0.00901	-0.00496	0.010359
16.18139	0	0.007788	-0.00252	0.008186
16.18375	0.001833	0.007177	-0.00496	0.008917
16.18612	0.001833	0.005345	-0.00435	0.007132
16.18848	0.000611	0.004734	-0.00252	0.005398
16.19084	0.001222	0.005345	-0.00435	0.007
16.19321	0.001833	0.005956	-0.00313	0.006974
16.19557	0.001833	0.004734	-0.00618	0.008001
16.19793	0.001833	0.004734	-0.00557	0.007539
16.20029	0.002443	0.005956	-0.00191	0.006715
16.20266	0.001833	0.005345	-0.00374	0.006777
16.20502	0.001222	0.005956	-0.00313	0.006838
16.20738	0.000611	0.006567	-0.00374	0.007582
16.20974	0	0.005956	-0.00435	0.007377
16.21211	0.001222	0.004123	-0.00374	0.0057
16.21447	0	0.004734	-0.00252	0.005363
16.21683	0.001222	0.004734	-0.00435	0.006546
16.2192	0.001222	0.004123	-0.00069	0.004355
16.22156	0.001833	0.005956	-0.00191	0.006517
16.22392	0.001222	0.004734	-0.00313	0.005806
16.22628	-0.00061	0.002902	-0.00374	0.004774
16.22865	-0.00183	0.002902	-0.00313	0.004645
16.23101	0	0.004734	-0.00069	0.004784

16.23337	-0.00122	0.004734	-0.00191	0.005249
16.23574	0.001222	0.004123	-0.00252	0.004984
16.2381	0.001222	0.003512	-0.00252	0.004492
16.24046	-0.00122	0.004123	-0.00191	0.004705
16.24282	-0.00183	0.005345	0.000534	0.005676
16.24519	-0.00122	0.003512	-7.6E-05	0.00372
16.24755	-0.00061	0.002291	-0.0013	0.002703
16.24991	-0.00122	0.002291	-0.0013	0.002903
16.25228	-0.00122	0.002291	0.000534	0.002651
16.25464	0.000611	0.004734	-0.00069	0.004823
16.257	-0.00122	0.004123	0.001145	0.00445
16.25936	0.000611	0.002902	0.001756	0.003446
16.26173	0.001222	0.002902	-0.00191	0.003682
16.26409	0.000611	0.003512	-0.00191	0.004044
16.26645	0.000611	0.002291	0.001756	0.00295
16.26882	-0.00061	0.002291	0.002978	0.003806
16.27118	0	0.00168	0.003589	0.003962
16.27354	0.000611	0.002902	0.000534	0.003013
16.2759	0	0.002291	0.000534	0.002352
16.27827	0.001222	0.002291	0.000534	0.002651
16.28063	0.000611	0.001069	0.002367	0.002668
16.28299	0.000611	0.002291	0.001145	0.002633
16.28536	0.000611	0.00168	0.001145	0.002123
16.28772	0	0.004123	-0.00191	0.004544
16.29008	-0.00061	0.002902	0.001145	0.003179
16.29244	-0.00183	0.003512	0.001145	0.004124
16.29481	-0.00183	0.00168	-7.6E-05	0.002487
16.29717	0.000611	-0.00076	-0.0013	0.001625
16.29953	-0.00061	0.000458	0.000534	0.000932
16.30189	-0.00244	0.001069	0.000534	0.00272
16.30426	-0.00244	0.000458	0.002367	0.003433
16.30662	-0.00305	0.00168	0.001145	0.003669
16.30898	-0.00244	0.00168	-0.00069	0.003044
16.31135	-0.00244	0.001069	-0.00069	0.002754
16.31371	-0.00183	0.001069	0.000534	0.002188
16.31607	-0.00244	0.00168	0.000534	0.003013
16.31843	-0.00061	0.002902	0.002367	0.003794
16.3208	-0.00122	0.003512	0.001756	0.004113
16.32316	-0.00367	0.002902	0.002367	0.00524
16.32552	-0.00183	0.002902	0.002367	0.004169
16.32789	-0.00305	0.002291	0.002367	0.004492
16.33025	-0.00061	0.00168	0.001145	0.002123
16.33261	-0.00122	0.00168	0.001756	0.00272
16.33497	-0.00183	0.000458	0.0042	0.004605
16.33734	-0.00061	0.001069	0.005421	0.005559
16.3397	-0.00061	0.001069	0.006032	0.006156
16.34206	-0.00244	0.002291	0.005421	0.006372
16.34443	-0.00183	0.003512	0.007254	0.008265
16.34679	-0.00611	0.001069	0.00481	0.007848
16.34915	-0.00611	0.002902	0.005421	0.008667
16.35151	-0.00061	0.005345	0.0042	0.006825
16.35388	-0.00122	0.003512	0.0042	0.005609

16.35624	-0.00061	0.003512	0.003589	0.005059
16.3586	0.001222	0.002902	0.002367	0.003939
16.36097	0.001222	0.002291	0.00481	0.005466
16.36333	0.000611	0.003512	0.003589	0.005059
16.36569	0	0.003512	0.001145	0.003694
16.36805	0.001222	0.002291	0.002367	0.003513
16.37042	0.000611	0.002902	0.001756	0.003446
16.37278	0	0.000458	0.002367	0.002411
16.37514	0.000611	-0.00015	0.003589	0.003644
16.3775	0	-0.00076	0.002978	0.003074
16.37987	0	-0.00015	0.002367	0.002372
16.38223	-0.00122	-0.00015	0.001756	0.002145
16.38459	-0.00061	0.001069	0.001145	0.001682
16.38696	-0.00061	0.002291	0.002367	0.00335
16.38932	-0.00061	0.00168	0.002978	0.003473
16.39168	-0.00061	0.002902	0.003589	0.004655
16.39404	-0.00244	0.004123	0.006032	0.007704
16.39641	-0.00061	0.00168	0.0042	0.004564
16.39877	0	-0.00015	0.00481	0.004813
16.40113	0	0.001069	0.0042	0.004333
16.4035	0.001222	0.00168	0.00481	0.00524
16.40586	-0.00183	0.00168	0.002978	0.003879
16.40822	-0.00061	-0.00015	0.003589	0.003644
16.41058	0	0.001069	0.003589	0.003745
16.41295	-0.00061	0.004734	0.002978	0.005626
16.41531	-0.00122	0.004123	0.002978	0.005231
16.41767	-0.00061	0.005345	0.002978	0.006149
16.42004	-0.00244	0.004123	0.002978	0.005643
16.4224	-0.00183	0.003512	0.003589	0.005345
16.42476	-0.00244	0.00168	0.0042	0.005141
16.42712	-0.00244	0.003512	0.002367	0.00489
16.42949	0	0.002902	0.001145	0.003119
16.43185	0.000611	0.004734	0.001145	0.004909
16.43421	-0.00061	0.002902	0.001756	0.003446
16.43658	0	0.002902	0.000534	0.00295
16.43894	0	0.00168	0.002978	0.003419
16.4413	-0.00061	0.002291	-7.6E-05	0.002372
16.44366	-0.00061	0.002902	0.001145	0.003179
16.44603	0.001222	0.003512	0.000534	0.003757
16.44839	-0.00061	0.002902	0.000534	0.003013
16.45075	-0.00244	0.003512	0.001756	0.004625
16.45311	-0.00244	0.002291	0.001756	0.003782
16.45548	0	0.004734	0.000534	0.004764
16.45784	-0.00061	0.002902	0.000534	0.003013
16.4602	0.000611	0.003512	-0.00069	0.003631
16.46257	-0.00061	0.002902	0.001756	0.003446
16.46493	-0.00183	0.002291	0.002367	0.003769
16.46729	0	0.00168	0.001756	0.00243
16.46965	0.001833	0.002902	-7.6E-05	0.003433
16.47202	0.001833	0.002291	0.001145	0.003149
16.47438	-0.00122	0.00168	-0.00069	0.002188
16.47674	-0.00061	0.001069	0.000534	0.001342

16.47911	0.000611	0.002902	0.000534	0.003013
16.48147	0.000611	0.00168	0.002367	0.002966
16.48383	0.000611	0.002291	0.001756	0.00295
16.48619	0.001833	0.000458	0.002367	0.003028
16.48856	0.000611	0.002902	0.000534	0.003013
16.49092	0.001833	0.002291	0.001145	0.003149
16.49328	0.001833	0.000458	0.002367	0.003028
16.49565	0.000611	-0.00015	0.001756	0.001866
16.49801	0.001833	0.00168	0.001756	0.003044
16.50037	0	0.002291	0.000534	0.002352
16.50273	0.000611	0.00168	0.001145	0.002123
16.5051	0.002443	-0.00076	0.002367	0.003487
16.50746	0.001222	0.000458	0.002367	0.002703
16.50982	-0.00061	-0.00137	0.003589	0.003891
16.51219	0.000611	-0.00076	0.001756	0.00201
16.51455	0.001833	0.000458	0.001756	0.002579
16.51691	0.000611	0.001069	0.001145	0.001682
16.51927	0.002443	0.002291	0.001756	0.003782
16.52164	0.001833	0.000458	0.000534	0.001963
16.524	0.002443	0.00168	0.001756	0.003446
16.52636	0.002443	-0.00015	0.001756	0.003013
16.52872	0.001833	-0.00015	0.002978	0.0035
16.53109	0.003054	-0.00015	0.001145	0.003265
16.53345	0.000611	-0.00015	0.000534	0.000826
16.53581	0.000611	0.001069	0.000534	0.001342
16.53818	0.001833	-0.00015	0.002367	0.002997
16.54054	0.001222	-0.00076	0.001756	0.002272
16.5429	0.001222	-0.00076	0.001756	0.002272
16.54526	0.001222	0.000458	0.001756	0.002188
16.54763	0.001833	-0.00076	0.001145	0.002292
16.54999	0.001833	0.000458	-0.00069	0.00201
16.55235	0.001833	0.000458	0.001756	0.002579
16.55472	0.001222	0.001069	0.002367	0.00287
16.55708	0.001833	0.002902	0.001145	0.003618
16.55944	0.003054	0.004123	0.001145	0.005257
16.5618	0.003054	0.000458	0.001756	0.003553
16.56417	0.002443	0.001069	0.002367	0.003566
16.56653	0.003665	0.000458	0.001145	0.003867
16.56889	0.001833	0.00168	0.002978	0.003879
16.57126	0.001222	0.002291	0.003589	0.004429
16.57362	0.003054	0.002291	0.0042	0.005676
16.57598	0.001833	0.001069	0.005421	0.005822
16.57834	0.002443	0.00168	0.001756	0.003446
16.58071	0.002443	0.002902	0.003589	0.005222
16.58307	0.001833	0.002902	0.003589	0.004965
16.58543	0.001833	0.002291	0.001145	0.003149
16.5878	0.002443	0.002291	0.0042	0.005372
16.59016	0.000611	0.001069	0.002978	0.003222
16.59252	0.001222	0.00168	0.002367	0.003149
16.59488	0.004276	0.00168	0.001756	0.004918
16.59725	0.002443	0.000458	0.001145	0.002737
16.59961	0.000611	0.00168	0.001756	0.002506

16.60197	0.001222	0.00168	0.001756	0.00272
16.60433	0.002443	0.003512	0.001756	0.004625
16.6067	0.002443	0.004123	0.001145	0.004928
16.60906	0	0.004123	0.002367	0.004754
16.61142	0.000611	0.002902	0.001145	0.003179
16.61379	0	0.002902	0.002367	0.003745
16.61615	0	0.002902	0.002367	0.003745
16.61851	0.003054	0.002291	0.002367	0.004492
16.62087	0.001833	0.002902	0.002978	0.004544
16.62324	0.000611	0.003512	0.002367	0.004279
16.6256	0.000611	0.004123	0.00481	0.006365
16.62796	-0.00061	0.003512	0.002978	0.004645
16.63033	0.001222	0.003512	0.002978	0.004764
16.63269	-0.00061	0.002902	0.001756	0.003446
16.63505	0.000611	0.002902	0.001145	0.003179
16.63741	0.001833	0.004123	0.001756	0.004842
16.63978	0.001833	0.002291	0.002978	0.00418
16.64214	0.000611	0.002291	0.0042	0.004823
16.6445	0.001222	0.003512	0.002978	0.004764
16.64687	0.001222	0.002291	0.0042	0.004937
16.64923	0	0.00168	0.002978	0.003419
16.65159	0	0.001069	0.002367	0.002597
16.65395	0.001222	0.00168	0.002978	0.003631
16.65632	0.000611	0.002291	0.001756	0.00295
16.65868	0.000611	0.003512	0.003589	0.005059
16.66104	0.001222	0.002902	0.002367	0.003939
16.66341	0.000611	0.002291	0.001756	0.00295
16.66577	0.001222	0.002291	0.001145	0.002838
16.66813	0.001222	0.002291	-0.00069	0.002686
16.67049	0.002443	0.000458	0.000534	0.002543
16.67286	-0.00122	0.00168	0.000534	0.002145
16.67522	-0.00061	0.002291	0.002367	0.00335
16.67758	0.002443	0.000458	0.001756	0.003044
16.67994	0.001833	0.000458	0.002367	0.003028
16.68231	0.001833	0.002291	0.002978	0.00418
16.68467	0.002443	0.002902	0.001756	0.00418
16.68703	0.001833	0.002291	0.001756	0.003419
16.6894	0.000611	0.004123	0.002978	0.005123
16.69176	0.002443	0.005345	0.002367	0.006336
16.69412	0.004887	0.005956	-0.00069	0.007735
16.69648	0.002443	0.003512	0.000534	0.004312
16.69885	0.000611	0.002902	0.002978	0.004202
16.70121	0.001833	0.004734	0.002367	0.005601
16.70357	0.001833	0.005345	0.002367	0.006126
16.70594	0.001222	0.004734	0.003589	0.006065
16.7083	0.001833	0.004123	0.001756	0.004842
16.71066	0.001222	0.004734	-7.6E-05	0.00489
16.71302	0.002443	0.004123	0.001145	0.004928
16.71539	0.002443	0.002902	0.002367	0.004471
16.71775	0.002443	0.002902	0.001756	0.00418
16.72011	0.001833	0.004123	0.001756	0.004842
16.72248	0.001222	0.004123	0.001145	0.00445

16.72484	0.001222	0.003512	0.001145	0.003891
16.7272	0.001222	0.002902	0.002978	0.004333
16.72956	0.002443	0.004734	0.002367	0.00583
16.73193	0.001222	0.005345	0.000534	0.005509
16.73429	0.002443	0.004123	0.001756	0.005104
16.73665	0.004276	0.003512	0.001756	0.005806
16.73902	0.002443	0.00168	0.001756	0.003446
16.74138	0.002443	0.002291	0.002978	0.004482
16.74374	0.002443	0.002902	0.001756	0.00418
16.7461	0.001833	0.002291	0.002367	0.003769
16.74847	0.002443	0.002902	0.002367	0.004471
16.75083	0.001833	0.004123	0.001145	0.004655
16.75319	0.002443	0.002291	0.000534	0.003392
16.75555	0.001833	0.002902	0.002978	0.004544
16.75792	0.001833	0.002902	0.001756	0.003855
16.76028	0.001833	0.003512	-7.6E-05	0.003962
16.76264	0.000611	0.002291	0.001145	0.002633
16.76501	0.000611	0.00168	0.001145	0.002123
16.76737	0.001222	0.002902	0.001145	0.00335
16.76973	-0.00061	0.002902	0.002367	0.003794
16.77209	0.001833	0.00168	0.001145	0.002737
16.77446	0.001222	0.00168	0.001756	0.00272
16.77682	0	0.001069	0.001756	0.002056
16.77918	0	0.000458	0.001756	0.001815
16.78155	0.000611	0.001069	0.002367	0.002668
16.78391	0	0.002902	0.001145	0.003119
16.78627	-0.00061	0.00168	0.001145	0.002123
16.78863	-0.00183	0.00168	0.0042	0.00488
16.791	-0.00183	0.002291	0.001145	0.003149
16.79336	0.000611	0.00168	-7.6E-05	0.001789
16.79572	-0.00061	0.001069	-0.00069	0.00141
16.79809	-0.00061	-0.00015	0.000534	0.000826
16.80045	-0.00061	0.000458	0.000534	0.000932
16.80281	0	0.000458	0.000534	0.000704
16.80517	0	0.000458	0.001756	0.001815
16.80754	0	0.00168	0.001756	0.00243
16.8099	0	0.002291	-0.0013	0.002633
16.81226	0.000611	0.002902	-0.00069	0.003044
16.81463	0.002443	0.002902	0.001145	0.003962
16.81699	0.000611	0.001069	0.001145	0.001682
16.81935	0	0.002291	0.002978	0.003757
16.82171	0	0.002902	0.001145	0.003119
16.82408	0.000611	0.002291	0.000534	0.00243
16.82644	0	0.002291	0.001756	0.002886
16.8288	-0.00183	0.00168	0.002978	0.003879
16.83116	0.000611	0.002902	0.002978	0.004202
16.83353	0	0.002902	0.002367	0.003745
16.83589	0.000611	0.004123	-0.0013	0.004366
16.83825	-0.00122	0.003512	-7.6E-05	0.00372
16.84062	-0.00061	0.002291	0.001145	0.002633
16.84298	0	0.002291	0.001756	0.002886
16.84534	0.001222	0.002291	0.000534	0.002651

16.8477	0.001222	0.000458	0.000534	0.00141
16.85007	-0.00061	0.001069	0.001756	0.002145
16.85243	0.000611	0.00168	-0.00069	0.001915
16.85479	0.003054	-0.00015	0.001145	0.003265
16.85716	0.001222	0.002902	-7.6E-05	0.003149
16.85952	0.002443	0.00168	0.000534	0.003013
16.86188	0.001833	0.002291	-0.00069	0.003013
16.86424	0.001222	0.00168	-0.0013	0.002449
16.86661	0	0.00168	0.001145	0.002033
16.86897	0.000611	0.001069	0.001756	0.002145
16.87133	0.001833	0.00168	0.001756	0.003044
16.8737	0.001833	0.00168	0.001145	0.002737
16.87606	0.001833	0.002291	-7.6E-05	0.002934
16.87842	0.000611	0.002291	0.000534	0.00243
16.88078	0	0.002902	0.001145	0.003119
16.88315	0.000611	0.000458	0.001756	0.001915
16.88551	0	0.00168	-7.6E-05	0.001682
16.88787	0.000611	0.002902	-7.6E-05	0.002966
16.89024	-0.00061	0.002902	0.000534	0.003013
16.8926	-0.00122	0.00168	0.001145	0.002372
16.89496	-0.00122	0.00168	0.000534	0.002145
16.89732	0	0.00168	-7.6E-05	0.001682
16.89969	-0.00061	0.002291	0.001145	0.002633
16.90205	-0.00122	0.000458	0.001756	0.002188
16.90441	-0.00183	0.00168	0.001145	0.002737
16.90678	-0.00061	0.00168	0.001145	0.002123
16.90914	-0.00061	0.002902	0.001145	0.003179
16.91115	0	0.002902	0.001145	0.003119
16.91386	-0.00122	-0.00015	0.001756	0.002145
16.91623	0	0.000458	-7.6E-05	0.000464
16.91859	0.001833	0.001069	0.001145	0.002411
16.92095	0.000611	0.002902	-0.00069	0.003044
16.92331	0	0.001069	0.000534	0.001195
16.92568	0	0.001069	0.001145	0.001567
16.92804	0.000611	0.000458	-0.00069	0.001027
16.9304	-0.00061	0.00168	0.001145	0.002123
16.93277	0.000611	0.002902	0.000534	0.003013
16.93513	-0.00122	0.002902	0.001756	0.003605
16.93749	0.000611	0.001069	0.001145	0.001682
16.93985	-0.00122	0.002291	-7.6E-05	0.002597
16.94222	-0.00122	0.003512	-7.6E-05	0.00372
16.94458	0.001222	0.00168	-7.6E-05	0.002079
16.94694	0	0.000458	0.001756	0.001815
16.94931	-0.00061	0.00168	0.001145	0.002123
16.95167	-0.00061	0.00168	-7.6E-05	0.001789
16.95403	-0.00061	0.000458	0.001756	0.001915
16.95639	0	0.00168	0.001145	0.002033
16.95876	0.000611	0.002291	-7.6E-05	0.002372
16.96112	0	0.002291	-7.6E-05	0.002292
16.96348	0.000611	0.002291	0.001145	0.002633
16.96585	-0.00122	0.00168	0.001756	0.00272
16.96821	0	0.002291	0.001145	0.002561

16.97057	0	0.002902	0.002367	0.003745
16.97293	0.000611	0.002291	0.002367	0.00335
16.9753	-0.00183	0.003512	-7.6E-05	0.003962
16.97766	-0.00061	0.00168	0.002978	0.003473
16.98002	0.000611	0.002291	0.001145	0.002633
16.98239	-0.00183	0.001069	0.000534	0.002188
16.98475	0.000611	0.002291	0.001756	0.00295
16.98711	0.001222	0.003512	0.001145	0.003891
16.98947	-0.00061	0.004123	-7.6E-05	0.004169
16.99184	0	0.00168	0.001756	0.00243
16.9942	-0.00122	0.002902	0.001145	0.00335
16.99656	-0.00244	0.002291	0.000534	0.003392
16.99892	-0.00183	0.002902	-7.6E-05	0.003433
17.00129	-0.00061	0.002902	0.001145	0.003179
17.00365	0	0.003512	0.001145	0.003694
17.00601	-0.00244	0.002291	0.001145	0.00354
17.00838	0.000611	0.002291	0.001756	0.00295
17.01074	0	0.001069	0.000534	0.001195
17.0131	0.001222	0.003512	0.002978	0.004764
17.01546	0.001833	0.002902	0.002367	0.004169
17.01783	0	0.00168	0.001145	0.002033
17.02019	-0.00122	0.002291	0.001756	0.003134
17.02255	0.001222	0.001069	0.001145	0.001987
17.02492	-0.00061	0.001069	0.000534	0.001342
17.02728	-0.00122	-0.00015	0.001145	0.001682
17.02964	-0.00122	0.000458	0.001756	0.002188
17.032	-0.00061	0.002291	0.001145	0.002633
17.03437	-0.00122	0.002291	-7.6E-05	0.002597
17.03673	0	0.001069	0.000534	0.001195
17.03909	-0.00183	0.001069	-0.00069	0.00223
17.04146	-0.00061	0.000458	0.002367	0.002487
17.04382	0	-0.00076	0.001756	0.001915
17.04618	0.000611	0.002291	0.001145	0.002633
17.04854	-0.00122	0.000458	0.002367	0.002703
17.05091	0	-0.00015	0.001756	0.001763
17.05327	-0.00061	0.001069	0.001145	0.001682
17.05563	-0.00122	0.001069	0.001756	0.002392
17.058	-0.00061	0.001069	0.001145	0.001682
17.06036	-0.00122	-0.00137	0.001756	0.002543
17.06272	-0.00061	-0.00076	0.000534	0.001114
17.06508	0	0.000458	0.000534	0.000704
17.06745	0	0.000458	0.003589	0.003618
17.06981	-0.00061	0.00168	0.001756	0.002506
17.07217	0	-0.00015	0.001756	0.001763
17.07453	-0.00061	-0.00015	0.001756	0.001866
17.0769	-0.00122	0.000458	0.001756	0.002188
17.07926	-0.00061	0.00168	0.001756	0.002506
17.08162	0.000611	0.00168	0.001145	0.002123
17.08399	-0.00183	0.001069	0.002367	0.003179
17.08635	-0.00061	0.002291	0.001145	0.002633
17.08871	-0.00061	-0.00076	0.000534	0.001114
17.09107	0	0.00168	-0.00069	0.001815

17.09344	0	0.002291	0.001145	0.002561
17.0958	0.000611	0.002291	0.000534	0.00243
17.09816	0.000611	0.001069	0.001145	0.001682
17.10053	-0.00122	0.00168	0.001756	0.00272
17.10289	-0.00183	0.000458	0.001756	0.002579
17.10525	0	0.002902	-7.6E-05	0.002903
17.10761	-0.00122	0.00168	0.000534	0.002145
17.10998	0	0.00168	0.000534	0.001763
17.11234	0	0.00168	-7.6E-05	0.001682
17.1147	0.000611	-0.00076	0.001145	0.001506
17.11707	-0.00061	0.00168	0.001756	0.002506
17.11943	0	0.001069	0.001145	0.001567
17.12179	0.000611	-0.00015	0.001756	0.001866
17.12415	0.000611	0.001069	-0.00069	0.00141
17.12652	-0.00183	0.001069	0.000534	0.002188
17.12888	-0.00061	0.00168	0.000534	0.001866
17.13124	0	0.002291	-0.00069	0.002392
17.13361	0.000611	-0.00015	-0.00069	0.000932
17.13597	0	0.001069	-7.6E-05	0.001072
17.13833	0.000611	0.001069	0.001145	0.001682
17.14069	-0.00061	0.00168	0.000534	0.001866
17.14306	0	0.001069	-0.00069	0.001271
17.14542	-0.00061	0.002902	0.000534	0.003013
17.14778	-0.00122	0.001069	0.001756	0.002392
17.15014	0	0.002291	0.001145	0.002561
17.15251	-0.00122	0.002291	0.000534	0.002651
17.15487	-0.00061	0.002291	0.001756	0.00295
17.15723	0	0.002902	-0.00069	0.002982
17.1596	-0.00122	0.00168	-7.6E-05	0.002079
17.16196	-0.00061	0.000458	0.001756	0.001915
17.16432	-0.00061	0.000458	-7.6E-05	0.000767
17.16668	-0.00122	0.000458	0.001145	0.001736
17.16905	-0.00122	-0.00076	0.002978	0.003308
17.17141	0	-0.00076	-7.6E-05	0.000767
17.17377	-0.00244	-0.00015	0.000534	0.002506
17.17614	-0.00122	0.001069	0.000534	0.001709
17.1785	-0.00122	0.000458	0.001145	0.001736
17.18086	-0.00244	0.000458	0.002978	0.003879
17.18322	-0.00367	0.000458	0.001145	0.003867
17.18559	-0.00428	0.001069	0.001145	0.004554
17.18795	-0.00305	0.000458	0.001756	0.003553
17.19031	-0.00183	0.000458	0.001756	0.002579
17.19268	0.000611	0.000458	0.001145	0.001377
17.19504	-0.00061	-0.00076	0.001756	0.00201
17.1974	-0.00183	0.000458	0.000534	0.001963
17.19976	-0.00183	0.00168	-7.6E-05	0.002487
17.20213	-0.00183	0.001069	-0.0013	0.002487
17.20449	-0.00244	0.00168	0.001145	0.003179
17.20685	-0.00061	-0.00015	0.002367	0.002449
17.20922	-0.00244	0.000458	0.001145	0.002737
17.21158	-0.00183	-0.00076	-7.6E-05	0.001987
17.21394	-0.00183	0.000458	0.001756	0.002579

17.2163	-0.00244	0.001069	0.001756	0.003193
17.21867	-0.00183	0.001069	-7.6E-05	0.002123
17.22103	-0.00061	-0.00015	0.001756	0.001866
17.22339	-0.00061	-0.00015	0.002367	0.002449
17.22575	0.000611	-0.00015	0.002367	0.002449
17.22812	0.001833	0.000458	0.001145	0.002209
17.23048	0	0.001069	0.002367	0.002597
17.23284	-0.00061	0.001069	0.003589	0.003794
17.23521	-0.00061	0.00168	0.001756	0.002506
17.23757	-0.00183	0.00168	0.001145	0.002737
17.23993	-0.00122	0.00168	-7.6E-05	0.002079
17.24229	-0.00061	0.003512	-7.6E-05	0.003566
17.24466	-0.00183	0.00168	0.001756	0.003044
17.24702	-0.00122	-0.00076	0.001756	0.002272
17.24938	-0.00122	-0.00015	0.001145	0.001682
17.25175	-0.00122	0.001069	0.000534	0.001709
17.25411	-0.00061	-0.00015	0.001145	0.001307
17.25647	-0.00122	-0.00137	0.001756	0.002543
17.25883	-0.00244	-0.00015	0.001756	0.003013
17.2612	-0.00183	-0.00137	0.001145	0.002561
17.26356	-0.00183	0.000458	0.000534	0.001963
17.26592	-0.00183	0.001069	0.002978	0.003656
17.26829	-0.00122	-0.00137	0.001756	0.002543
17.27065	-0.00183	-0.00199	0.001145	0.002934
17.27301	0	-0.00076	0.002367	0.002487
17.27537	-0.00122	0.000458	0.001756	0.002188
17.27774	-0.00244	-0.00015	0.003589	0.004344
17.2801	-0.00183	-0.00199	0.002367	0.003592
17.28246	-0.00244	-0.00137	0.003589	0.004554
17.28483	-0.00183	0.000458	0.002978	0.003526
17.28719	-0.00183	0.000458	0.002367	0.003028
17.28955	-0.00183	-0.00137	0.003589	0.004257
17.29191	-0.00122	-0.00137	0.003589	0.004032
17.29428	-0.00183	0.000458	0.003589	0.004055
17.29664	-0.00122	-0.00015	0.003589	0.003794
17.299	-0.00183	0.001069	0.005421	0.005822
17.30137	-0.00183	0.001069	0.002978	0.003656
17.30373	-0.00061	-0.00076	0.00481	0.004909
17.30609	-0.00122	-0.00076	0.00481	0.005022
17.30845	-0.00183	-0.0026	0.005421	0.006284
17.31082	-0.00122	-0.00015	0.00481	0.004965
17.31318	-0.00305	-0.00199	0.006032	0.007047
17.31554	-0.00183	0.000458	0.003589	0.004055
17.3179	-0.00122	0.000458	0.00481	0.004984
17.32027	-0.00183	-0.00015	0.00481	0.00515
17.32263	-0.00244	0.00168	0.002978	0.004202
17.32499	-0.00183	0.001069	0.002978	0.003656
17.32736	0	0.001069	0.002978	0.003164
17.32972	-0.00183	0.001069	0.002367	0.003179
17.33208	-0.00061	0.002291	0.0042	0.004823
17.33444	-0.00061	0.002291	0.002367	0.00335
17.33681	0	0.001069	0.000534	0.001195

17.33917	-0.00122	0.00168	0.002978	0.003631
17.34153	-0.00244	0.00168	0.001145	0.003179
17.3439	-0.00061	0.00168	0.001145	0.002123
17.34626	0.000611	0.001069	0.000534	0.001342
17.34862	0	0.00168	-7.6E-05	0.001682
17.35098	0.000611	-0.00015	0.001145	0.001307
17.35335	0	0.000458	-7.6E-05	0.000464
17.35571	-0.00122	0.001069	-0.00069	0.001763
17.35807	-0.00183	0.001069	0.000534	0.002188
17.36044	-0.00244	0.000458	0.000534	0.002543
17.3628	-0.00061	0.001069	0.000534	0.001342
17.36516	0.000611	0.00168	0.000534	0.001866
17.36752	0.000611	0.001069	0.001756	0.002145
17.36989	-0.00061	0.00168	0.001756	0.002506
17.37225	0.000611	0.00168	0.001756	0.002506
17.37461	-0.00061	0.000458	0.002367	0.002487
17.37698	0	0.000458	0.002367	0.002411
17.37934	-0.00183	0.002902	0.003589	0.004965
17.3817	-0.00244	0.002291	0.002978	0.004482
17.38406	-0.00611	-0.0026	0.003589	0.007545
17.38643	-0.00061	-0.00137	-0.00069	0.001654
17.38879	0.000611	0.001069	-7.6E-05	0.001234
17.39115	0.000611	0.00168	-7.6E-05	0.001789
17.39351	0	0.00168	0.001756	0.00243
17.39588	-0.00061	0.00168	0.002367	0.002966
17.39824	0	0.00168	0.001756	0.00243
17.4006	0	0.00168	0.001145	0.002033
17.40297	-0.00061	0.003512	0.000534	0.003605
17.40533	-0.00122	0.00168	0.001756	0.00272
17.40769	0	0.00168	0.001145	0.002033
17.41005	0.000611	0.001069	0.001756	0.002145
17.41242	0	0.002291	0.001145	0.002561
17.41478	-0.00061	0.001069	0.001145	0.001682
17.41714	0	0.002291	0.001145	0.002561
17.41951	-0.00061	0.001069	0.001145	0.001682
17.42187	-0.00122	0.001069	-7.6E-05	0.001625
17.42423	-0.00122	0.00168	0.001756	0.00272
17.42659	0.000611	0.001069	-0.00069	0.00141
17.42896	0.000611	0.00168	-7.6E-05	0.001789
17.43132	0	0.00168	0.001145	0.002033
17.43368	0	0.002291	-0.0013	0.002633
17.43605	0	0.003512	-0.0013	0.003745
17.43841	0	0.002291	0.001145	0.002561
17.44077	0.000611	0.002291	0.001145	0.002633
17.44313	-0.00061	0.00168	-7.6E-05	0.001789
17.4455	-0.00183	0.000458	0.001756	0.002579
17.44786	0	0.001069	-0.00069	0.001271
17.45022	-0.00061	0.000458	0.000534	0.000932
17.45259	-0.00061	0.000458	0.000534	0.000932
17.45495	-0.00122	0.000458	0.000534	0.00141
17.45731	0	0.001069	-0.00191	0.002188
17.45967	0.001222	0.000458	0.000534	0.00141

17.46204	0	0.00168	0.000534	0.001763
17.4644	-0.00061	0.001069	0.002978	0.003222
17.46676	-0.00061	0.002291	0.001756	0.00295
17.46912	-0.00061	0.00168	-0.00069	0.001915
17.47149	-0.00122	0.003512	0.000534	0.003757
17.47385	0	0.000458	0.001145	0.001234
17.47621	0.000611	0.000458	0.000534	0.000932
17.47858	0.000611	0.001069	0.000534	0.001342
17.48094	-0.00061	0.00168	0.000534	0.001866
17.4833	-0.00061	0.000458	0.001145	0.001377
17.48566	0.001222	0.001069	0.000534	0.001709
17.48803	0.001222	0.002902	0.000534	0.003193
17.49039	-0.00061	0.002291	0.002978	0.003806
17.49275	-0.00183	0.004123	-7.6E-05	0.004513
17.49512	-0.00061	0.002291	-7.6E-05	0.002372
17.49748	-0.00061	0.002291	0.001756	0.00295
17.49984	-0.00122	0.002291	-0.00069	0.002686
17.5022	-0.00061	0.00168	0.000534	0.001866
17.50457	0.000611	0.001069	0.001145	0.001682
17.50693	0.001222	0.000458	0.001145	0.001736
17.50929	-0.00061	0.00168	0.001756	0.002506
17.51166	0	0.00168	0.001145	0.002033
17.51402	0	0.003512	0.001145	0.003694
17.51638	0	0.00168	-7.6E-05	0.001682
17.51874	0	0.00168	0.001756	0.00243
17.52111	-0.00122	0.00168	0.000534	0.002145
17.52347	0	-0.00015	0.001756	0.001763
17.52583	-0.00061	0.002291	0.001145	0.002633
17.5282	0	0.002902	0.000534	0.00295
17.53056	-0.00122	0.002291	0.000534	0.002651
17.53292	0	0.000458	0.000534	0.000704
17.53528	-0.00183	0.001069	-0.00069	0.00223
17.53765	-0.00183	-0.00015	0.001145	0.002166
17.54001	0	0.000458	-7.6E-05	0.000464
17.54237	-0.00061	0.00168	-0.00069	0.001915
17.54473	0.000611	0.001069	0.000534	0.001342
17.5471	-0.00244	0.001069	0.000534	0.00272
17.54946	-0.00367	0.001069	-0.0013	0.004032
17.55182	-0.00122	0.001069	0.000534	0.001709
17.55419	-0.00244	0.000458	0.002367	0.003433
17.55655	-0.00122	0.001069	-0.00069	0.001763
17.55891	-0.00122	-0.00076	0.000534	0.001537
17.56127	-0.00244	0.000458	0.001756	0.003044
17.56364	-0.00122	-0.00015	-0.00069	0.00141
17.566	0	0.000458	-7.6E-05	0.000464
17.56836	0.000611	-0.00076	0.001756	0.00201
17.57073	-0.00183	-0.00076	0.001145	0.002292
17.57309	-0.00061	-0.00137	0.002367	0.002804
17.57545	-0.00122	0.000458	0.000534	0.00141
17.57781	-0.00122	-0.00015	0.003589	0.003794
17.58018	0.000611	-0.00015	0.001756	0.001866
17.58254	-0.00061	-0.00137	0.001145	0.00189

17.5849	-0.00061	-0.00199	0.000534	0.002145
17.58727	-0.00122	-0.00015	-7.6E-05	0.001234
17.58963	-0.00061	0.000458	-0.00069	0.001027
17.59199	-0.00244	-0.00076	0.001145	0.002804
17.59435	-0.00122	-0.00137	0.001756	0.002543
17.59672	-0.00122	-0.00076	0.001756	0.002272
17.59908	-0.00061	-0.00076	0.001145	0.001506
17.60144	-0.00122	0.000458	0.000534	0.00141
17.60381	-0.00305	-0.00076	-0.00069	0.003222
17.60617	-0.00367	-0.00076	0.002978	0.004784
17.60853	-0.00305	0.001069	0.002978	0.004398
17.61089	-0.00122	-0.00137	-7.6E-05	0.00184
17.61326	-0.00244	-0.00015	0.001145	0.002703
17.61562	-0.00122	-0.00137	0.000534	0.001915
17.61798	-0.00244	-0.00137	0.000534	0.002854
17.62035	-0.00122	-0.00137	0.002367	0.002997
17.62271	-0.00183	-0.00015	0.002367	0.002997
17.62507	-0.00244	0.001069	0.000534	0.00272
17.62743	-0.00244	0.001069	0.002367	0.003566
17.6298	-0.00244	-0.00015	0.003589	0.004344
17.63216	-0.00305	-0.00015	0.001756	0.003526
17.63452	-0.00367	0.000458	0.001756	0.00409
17.63688	-0.00244	0.000458	0.001756	0.003044
17.63925	-0.00244	-0.00076	0.003589	0.004408
17.64161	-0.00183	-0.00199	0.0042	0.004994
17.64397	-0.00122	0.00168	-7.6E-05	0.002079
17.64634	-0.00305	0.002902	-7.6E-05	0.004213
17.6487	-0.00244	0.002902	0.003589	0.005222
17.65106	-0.00367	0.001069	0.000534	0.003855
17.65342	-0.00367	0.004734	0.000534	0.006011
17.65579	-0.00367	0.005345	0.000534	0.006503
17.65815	-0.00672	0.005345	0.000534	0.008603
17.66051	-0.00794	0.004734	-0.0013	0.009336
17.66288	-0.01038	0.006567	-0.0013	0.012355
17.66524	-0.011	0.005345	-0.00069	0.012245
17.6676	-0.01161	0.005956	-7.6E-05	0.013045
17.66996	-0.01038	0.005956	-0.00069	0.011991
17.67233	-0.01038	0.00901	0.001756	0.01386
17.67469	-0.01466	0.010232	-7.6E-05	0.017878
17.67705	-0.01344	0.009621	0.001145	0.016567
17.67942	-0.01588	0.005956	0.001756	0.017053
17.68178	-0.01894	0.004123	0.006032	0.020297
17.68414	-0.01955	0.005956	0.007865	0.021896
17.6865	-0.02382	0.000458	0.013362	0.027318
17.68887	-0.02749	-0.00932	0.016417	0.033345
17.69123	-0.03176	-0.0197	0.023747	0.044283
17.69359	-0.03848	-0.02764	0.035353	0.059117
17.69596	-0.04765	-0.03803	0.045737	0.07621
17.69832	-0.05742	-0.05757	0.054289	0.09777
17.70068	-0.06658	-0.08567	0.065284	0.126629
17.70304	-0.07452	-0.11011	0.079945	0.155139
17.70541	-0.08918	-0.12904	0.100713	0.18641

17.70777	-0.11117	-0.14859	0.117206	0.219489
17.71013	-0.13927	-0.16508	0.131256	0.252739
17.71249	-0.16737	-0.17608	0.14164	0.281209
17.71486	-0.18875	-0.18768	0.152635	0.306838
17.71722	-0.20524	-0.18524	0.16302	0.320959
17.71958	-0.22113	-0.19868	0.174626	0.344767
17.72195	-0.23579	-0.21761	0.181345	0.368562
17.72431	-0.25472	-0.24632	0.186843	0.400587
17.72667	-0.27916	-0.27259	0.188065	0.433131
17.72903	-0.30054	-0.29641	0.18501	0.460882
17.7314	-0.31886	-0.33306	0.179513	0.494803
17.73376	-0.32314	-0.36483	0.166074	0.514877
17.73612	-0.31764	-0.40576	0.151414	0.537084
17.73849	-0.30909	-0.46134	0.129423	0.570196
17.74085	-0.29565	-0.52976	0.103157	0.61538
17.74321	-0.27916	-0.59634	0.07628	0.662849
17.74557	-0.25594	-0.64826	0.052457	0.69893
17.74794	-0.23029	-0.68125	0.04024	0.720243
17.7503	-0.20524	-0.735	0.04757	0.764602
17.75266	-0.18264	-0.82602	0.065284	0.848485
17.75503	-0.1802	-0.9433	0.079945	0.96368
17.75739	-0.19791	-1.0673	0.062841	1.087315
17.75975	-0.22418	-1.1797	0.02619	1.201096
17.76211	-0.27732	-1.28538	-0.01229	1.315009
17.76448	-0.34696	-1.34402	-0.05383	1.389122
17.76684	-0.41965	-1.31714	-0.09537	1.385662
17.7692	-0.50395	-1.22612	-0.1308	1.332085
17.77157	-0.59741	-1.10823	-0.16684	1.270002
17.77393	-0.70125	-1.00133	-0.19921	1.23859
17.77629	-0.81487	-0.93231	-0.22792	1.25903
17.77865	-0.92849	-0.89199	-0.25175	1.311911
17.78102	-1.02867	-0.85473	-0.27557	1.365523
17.78338	-1.10502	-0.78265	-0.29939	1.386812
17.78574	-1.14961	-0.67392	-0.3165	1.369652
17.7881	-1.16611	-0.55541	-0.32321	1.331449
17.79047	-1.16305	-0.46012	-0.32321	1.291848
17.79283	-1.14534	-0.4027	-0.32199	1.256045
17.79519	-1.11602	-0.36849	-0.31711	1.217308
17.79756	-1.06959	-0.32512	-0.31588	1.161688
17.79992	-1.00973	-0.2616	-0.311	1.088443
17.80228	-0.93582	-0.18341	-0.30611	1.001547
17.80464	-0.85213	-0.10888	-0.29756	0.909135
17.80701	-0.76478	-0.05818	-0.2884	0.819419
17.80937	-0.67193	-0.03375	-0.27129	0.725418
17.81173	-0.57114	-0.03986	-0.2493	0.624455
17.8141	-0.46974	-0.07773	-0.23159	0.529464
17.81646	-0.35857	-0.12538	-0.21571	0.436828
17.81882	-0.22846	-0.17974	-0.19921	0.352399
17.82118	-0.08979	-0.22922	-0.18272	0.30658
17.82355	0.061696	-0.28359	-0.16745	0.335062
17.82591	0.212575	-0.352	-0.15645	0.439966
17.82827	0.358567	-0.44118	-0.15279	0.588692

17.83064	0.496008	-0.54197	-0.15279	0.750403
17.833	0.618788	-0.6446	-0.1534	0.906606
17.83536	0.726297	-0.73622	-0.15645	1.04595
17.83772	0.814259	-0.8138	-0.16256	1.162634
17.84009	0.882674	-0.88161	-0.16623	1.25856
17.84245	0.927266	-0.94452	-0.16928	1.334392
17.84481	0.953533	-1.00439	-0.17234	1.395605
17.84718	0.963917	-1.05936	-0.17111	1.44245
17.84954	0.955365	-1.1009	-0.17111	1.467645
17.8519	0.938872	-1.12717	-0.17417	1.477267
17.85426	0.915049	-1.13389	-0.17356	1.467356
17.85663	0.89367	-1.12411	-0.17234	1.446365
17.85899	0.875955	-1.10579	-0.16928	1.420815
17.86135	0.868014	-1.08563	-0.16867	1.400174
17.86371	0.871068	-1.06608	-0.16928	1.387063
17.86608	0.891226	-1.04714	-0.16745	1.38522
17.86844	0.924823	-1.0276	-0.16928	1.392807
17.8708	0.976745	-1.00866	-0.17417	1.414837
17.87317	1.043938	-0.98973	-0.18028	1.44978
17.87553	1.120294	-0.97384	-0.18944	1.496434
17.87789	1.199704	-0.95979	-0.19921	1.549251
17.88025	1.284612	-0.94941	-0.20838	1.610908
17.88262	1.368909	-0.93719	-0.21754	1.67319
17.88498	1.448395	-0.91459	-0.22609	1.727843
17.88734	1.527194	-0.88038	-0.23831	1.778817
17.88971	1.602329	-0.83518	-0.24747	1.823794
17.89207	1.6683	-0.77532	-0.26457	1.858586
17.89443	1.723276	-0.68491	-0.27679	1.87494
17.89679	1.773366	-0.58412	-0.28351	1.888492
17.89916	1.809406	-0.4986	-0.2884	1.898876
17.90152	1.838116	-0.43263	-0.29328	1.910983
17.90388	1.865604	-0.37582	-0.3	1.926583
17.90625	1.89859	-0.30374	-0.30611	1.946948
17.90861	1.932186	-0.2109	-0.30978	1.968192
17.91097	1.973724	-0.10216	-0.31405	2.001163
17.91333	2.014651	-0.00076	-0.31466	2.039076
17.9157	2.056799	0.083533	-0.31466	2.082406
17.91806	2.098337	0.149505	-0.31405	2.126969
17.92042	2.13682	0.20387	-0.31466	2.169464
17.92279	2.170417	0.261901	-0.31222	2.208344
17.92515	2.199737	0.329705	-0.31344	2.246285
17.92751	2.227836	0.403617	-0.31161	2.285446
17.92987	2.252881	0.473865	-0.30672	2.32252
17.93224	2.274261	0.543501	-0.29634	2.357005
17.9346	2.288921	0.613749	-0.29023	2.387484
17.93696	2.305414	0.680942	-0.27862	2.419968
17.93933	2.320074	0.725534	-0.26763	2.445561
17.94169	2.337789	0.748746	-0.2548	2.467955
17.94405	2.361612	0.770126	-0.2493	2.496489
17.94641	2.387267	0.800057	-0.2438	2.529541
17.94878	2.421475	0.820826	-0.24075	2.568123
17.95114	2.464845	0.808609	-0.2322	2.604463

17.9535	2.5186	0.764628	-0.22731	2.641907
17.95586	2.574187	0.68644	-0.21815	2.673056
17.95823	2.63405	0.5716	-0.20349	2.703026
17.96059	2.696967	0.454928	-0.18944	2.741619
17.96295	2.766604	0.360858	-0.1705	2.795243
17.96532	2.839905	0.286335	-0.15706	2.858622
17.96768	2.913207	0.216698	-0.14973	2.92509
17.97004	2.982233	0.158668	-0.15584	2.990514
17.9724	3.038431	0.137899	-0.17417	3.046541
17.97477	3.097072	0.165387	-0.20288	3.108113
17.97713	3.157546	0.224639	-0.23159	3.173987
17.97949	3.214966	0.286335	-0.25602	3.237829
17.98186	3.258946	0.328483	-0.28107	3.287496
17.98422	3.285824	0.347419	-0.29756	3.317511
17.98658	3.293765	0.352306	-0.30489	3.326554
17.98894	3.279715	0.351695	-0.30306	3.312411
17.99131	3.252838	0.352306	-0.29328	3.284979
17.99367	3.205192	0.363301	-0.28412	3.238204
17.99603	3.123338	0.411558	-0.27251	3.162102
17.9984	2.999947	0.557551	-0.24869	3.061437
18.00076	2.856398	0.63635	-0.22365	2.934956
18.00312	2.690248	0.515402	-0.18883	2.745675
18.00548	2.491112	0.223417	-0.1589	2.506152
18.00785	2.324961	-0.04658	-0.14668	2.330049
18.01021	2.178358	-0.10278	-0.13935	2.185228
18.01257	2.033587	-0.02947	-0.12469	2.037619
18.01494	1.902255	0.104302	-0.11125	1.908358
18.0173	1.766036	0.260068	-0.10697	1.788285
18.01966	1.609659	0.365134	-0.11308	1.654422
18.02202	1.429993	0.350474	-0.12347	1.477483
18.02439	1.231468	0.233191	-0.13691	1.260807
18.02675	1.029278	0.103691	-0.1534	1.045799
18.02911	0.824033	0.034666	-0.17111	0.842325
18.03147	0.62734	0.04505	-0.18883	0.65669
18.03384	0.437977	0.096972	-0.20715	0.494106
18.0362	0.254723	0.156835	-0.22731	0.375702
18.03856	0.076356	0.178826	-0.24869	0.315684
18.04093	-0.09407	0.155002	-0.26946	0.324783
18.04329	-0.25717	0.098194	-0.28595	0.39692
18.04565	-0.40255	0.041996	-0.30122	0.504524
18.04801	-0.52838	0.017562	-0.30855	0.61213
18.05038	-0.63895	0.028557	-0.31527	0.713067
18.05274	-0.73363	0.048715	-0.32138	0.802414
18.0551	-0.8167	0.05971	-0.3281	0.882167
18.05747	-0.89306	0.045661	-0.33787	0.955928
18.05983	-0.96697	0.009621	-0.34704	1.027405
18.06219	-1.03966	-0.02764	-0.3507	1.097567
18.06455	-1.10686	-0.06002	-0.35315	1.163376
18.06692	-1.17405	-0.07407	-0.34765	1.226676
18.06928	-1.24193	-0.08995	-0.33482	1.289412
18.07164	-1.31828	-0.1321	-0.31527	1.361882
18.07401	-1.40075	-0.1999	-0.3	1.446395

18.07637	-1.48138	-0.27076	-0.29206	1.533981
18.07873	-1.56568	-0.33123	-0.29023	1.626436
18.08109	-1.65181	-0.36666	-0.29328	1.717243
18.08346	-1.7361	-0.37582	-0.29939	1.801371
18.08582	-1.82101	-0.36544	-0.30306	1.88188
18.08818	-1.90225	-0.34895	-0.30794	1.958358
18.09055	-1.98594	-0.33856	-0.311	2.038456
18.09291	-2.07146	-0.33673	-0.31161	2.121657
18.09527	-2.15698	-0.33673	-0.30917	2.204887
18.09763	-2.24494	-0.33856	-0.30428	2.290626
18.1	-2.33229	-0.33612	-0.29756	2.3751
18.10236	-2.41659	-0.32818	-0.29084	2.456051
18.10472	-2.50027	-0.32146	-0.28595	2.537021
18.10708	-2.59251	-0.2842	-0.27435	2.622433
18.10945	-2.69819	-0.09728	-0.24503	2.711037
18.11181	-2.76538	0.23258	-0.19677	2.782112
18.11417	-2.72995	0.52823	-0.1424	2.784232
18.11654	-2.53448	0.587482	-0.10392	2.603753
18.1189	-2.27365	0.402396	-0.08865	2.310685
18.12126	-1.96823	0.144618	-0.08437	1.975335
18.12362	-1.62004	-0.10766	-0.07643	1.625415
18.12599	-1.26087	-0.30863	-0.06422	1.299676
18.12835	-0.91749	-0.3972	-0.03673	1.000456
18.13071	-0.61268	-0.38071	-0.01229	0.721435
18.13308	-0.38606	-0.31596	0.012141	0.499016
18.13544	-0.25411	-0.25854	0.029855	0.363742
18.1378	-0.21135	-0.22494	0.046959	0.31221
18.14016	-0.24312	-0.18829	0.061619	0.31362
18.14253	-0.3268	-0.11988	0.07689	0.356488
18.14489	-0.44409	-0.00687	0.09094	0.453354
18.14725	-0.57969	0.139731	0.103157	0.605154
18.14962	-0.72141	0.274118	0.115374	0.780311
18.15198	-0.85458	0.359025	0.131256	0.936176
18.15434	-0.97247	0.398731	0.147749	1.061372
18.1567	-1.06104	0.415223	0.170961	1.152149
18.15907	-1.11663	0.426219	0.196616	1.211272
18.16143	-1.12946	0.442712	0.222883	1.233427
18.16379	-1.10502	0.45615	0.247928	1.220908
18.16616	-1.04577	0.454928	0.267475	1.171383
18.16852	-0.9627	0.437214	0.280303	1.09385
18.17088	-0.86374	0.40545	0.289465	0.997107
18.17324	-0.75745	0.368799	0.292519	0.891803
18.17561	-0.653	0.329094	0.293741	0.788029
18.17797	-0.56137	0.294276	0.292519	0.698069
18.18033	-0.48685	0.271674	0.290076	0.628466
18.1827	-0.42881	0.266788	0.285189	0.579992
18.18506	-0.39827	0.274729	0.279692	0.55886
18.18742	-0.39277	0.287556	0.279692	0.561416
18.18978	-0.41049	0.296108	0.279692	0.578281
18.19215	-0.44592	0.301606	0.280913	0.607225
18.19451	-0.49479	0.309547	0.284578	0.649321
18.19687	-0.54732	0.327872	0.29313	0.702128

18.19923	-0.60107	0.355971	0.302293	0.761174
18.2016	-0.65116	0.384681	0.313288	0.818622
18.20396	-0.69637	0.403006	0.32917	0.869306
18.20632	-0.74157	0.404839	0.338944	0.91033
18.20869	-0.78127	0.398731	0.351161	0.944822
18.21105	-0.82037	0.38407	0.36521	0.976674
18.21341	-0.85396	0.375518	0.377427	1.00634
18.21577	-0.87779	0.381627	0.389033	1.033197
18.21814	-0.89428	0.392622	0.399418	1.055189
18.2205	-0.90833	0.400563	0.407359	1.073059
18.22286	-0.91871	0.402396	0.412856	1.084624
18.22523	-0.92421	0.396898	0.4153	1.088196
18.22759	-0.93521	0.387124	0.414689	1.093821
18.22995	-0.94009	0.375518	0.413467	1.093502
18.23231	-0.9462	0.367577	0.410413	1.094921
18.23468	-0.94681	0.355971	0.40797	1.090692
18.23704	-0.94803	0.343143	0.405526	1.086724
18.2394	-0.95048	0.330927	0.402472	1.08393
18.24177	-0.9517	0.311379	0.396974	1.077162
18.24413	-0.95659	0.291221	0.39392	1.074728
18.24649	-0.96514	0.276561	0.387201	1.076059
18.24885	-0.97491	0.263733	0.381703	1.079679
18.25122	-0.99018	0.248462	0.377427	1.088415
18.25358	-1.00851	0.233191	0.375595	1.101154
18.25594	-1.036	0.214255	0.374373	1.122208
18.25831	-1.06654	0.197762	0.373762	1.147307
18.26067	-1.10258	0.183101	0.374373	1.178712
18.26303	-1.13801	0.173328	0.376816	1.211238
18.26539	-1.17405	0.169052	0.380481	1.245686
18.26776	-1.20826	0.165998	0.384757	1.278857
18.27012	-1.2401	0.164776	0.388422	1.309909
18.27248	-1.26881	0.1605	0.39392	1.338209
18.27484	-1.29263	0.156224	0.394531	1.360497
18.27721	-1.31462	0.150727	0.397585	1.381672
18.27957	-1.33172	0.149505	0.398196	1.397998
18.28193	-1.3415	0.146451	0.39392	1.405786
18.2843	-1.34333	0.148894	0.388422	1.406263
18.28666	-1.34089	0.156835	0.384147	1.403617
18.28902	-1.33539	0.159278	0.378038	1.396977
18.29138	-1.32745	0.162944	0.370097	1.387674
18.29375	-1.31462	0.161111	0.361545	1.372915
18.29611	-1.30118	0.154392	0.352383	1.356865
18.29847	-1.28774	0.147061	0.341387	1.340318
18.30084	-1.2743	0.137288	0.328559	1.323121
18.3032	-1.26209	0.128736	0.319397	1.308224
18.30556	-1.25231	0.123238	0.309623	1.295895
18.30792	-1.24559	0.121406	0.299239	1.286774
18.31029	-1.24132	0.120795	0.289465	1.280333
18.31265	-1.24132	0.118352	0.281524	1.278332
18.31501	-1.24559	0.115297	0.274194	1.280617
18.31738	-1.2517	0.112854	0.27114	1.285695
18.31974	-1.26148	0.112854	0.264421	1.293822

18.3221	-1.27064	0.115297	0.262588	1.302601
18.32446	-1.2853	0.11713	0.257701	1.316101
18.32683	-1.29752	0.117741	0.257701	1.328089
18.32919	-1.31462	0.11713	0.263199	1.345815
18.33155	-1.33233	0.113465	0.269307	1.364007
18.33392	-1.34577	0.106135	0.274805	1.377638
18.33628	-1.35921	0.091474	0.283357	1.391443
18.33864	-1.36837	0.071927	0.290076	1.40063
18.341	-1.37387	0.048104	0.294352	1.405874
18.34337	-1.3757	0.021227	0.30046	1.408293
18.34573	-1.37082	-0.00504	0.305347	1.404423
18.34809	-1.35982	-0.03008	0.304126	1.393741
18.35046	-1.34394	-0.05574	0.301071	1.378378
18.35282	-1.31951	-0.07956	0.298628	1.355214
18.35518	-1.28713	-0.10094	0.291909	1.323672
18.35754	-1.24987	-0.12171	0.2858	1.287894
18.35991	-1.20765	-0.14309	0.27847	1.247568
18.36227	-1.15939	-0.16752	0.269918	1.202124
18.36463	-1.10869	-0.20173	0.257701	1.155982
18.36699	-1.05554	-0.24022	0.244263	1.109748
18.36936	-1.00301	-0.2732	0.229602	1.064607
18.37172	-0.9462	-0.29764	0.215553	1.015061
18.37408	-0.88756	-0.32329	0.205779	0.966761
18.37645	-0.83381	-0.35994	0.199671	0.929871
18.37881	-0.7825	-0.40087	0.188065	0.89909
18.38117	-0.73302	-0.43691	0.174015	0.87091
18.38353	-0.68842	-0.44913	0.159966	0.837396
18.3859	-0.64628	-0.43996	0.150803	0.79623
18.38826	-0.6084	-0.42347	0.145305	0.755378
18.39062	-0.58214	-0.41064	0.139808	0.725987
18.39299	-0.57359	-0.40698	0.134921	0.716125
18.39535	-0.57603	-0.38865	0.135532	0.707975
18.39771	-0.5968	-0.34956	0.137364	0.705143
18.40007	-0.63284	-0.31413	0.142251	0.720691
18.40244	-0.67621	-0.28297	0.152025	0.748628
18.4048	-0.72874	-0.24144	0.163631	0.78494
18.40716	-0.78616	-0.18829	0.177069	0.82756
18.40953	-0.84725	-0.12721	0.197838	0.879287
18.41189	-0.91627	-0.07529	0.223494	0.946134
18.41425	-0.98469	-0.02947	0.247317	1.015697
18.41661	-1.05432	0.007788	0.274194	1.089421
18.41898	-1.12029	0.044439	0.301682	1.161054
18.42134	-1.17832	0.078036	0.318786	1.223177
18.4237	-1.22841	0.113465	0.334668	1.278232
18.42607	-1.2627	0.147672	0.349939	1.318586
18.42843	-1.28469	0.179436	0.363989	1.34726
18.43079	-1.29263	0.206314	0.37254	1.360971
18.43315	-1.2853	0.225861	0.37926	1.358987
18.43552	-1.26148	0.23258	0.376206	1.336767
18.43788	-1.21681	0.224028	0.366432	1.290381
18.44024	-1.14351	0.22525	0.364599	1.221178
18.4426	-1.02378	0.262512	0.353604	1.114484

18.44497	-0.86313	0.277172	0.352383	0.972618
18.44733	-0.5803	0.357804	0.332835	0.758655
18.44969	0.536935	1.464735	0.155079	1.567737
18.45206	2.207678	3.142733	-0.22242	3.847088
18.45442	3.315755	3.296056	-0.42217	4.694299
18.45678	3.400663	1.817805	-0.32321	3.869547
18.45914	3.001169	-0.12782	-0.18211	3.009405
18.46151	2.618778	-1.55056	-0.03673	3.043614
18.46387	2.498442	-1.90668	0.037796	3.143101
18.46623	2.517378	-1.45649	-7.6E-05	2.908359
18.4686	2.299916	-0.36849	-0.11003	2.331847
18.47096	1.820401	1.370054	-0.11675	2.281346
18.47332	1.440378	2.514782	-0.0068	2.898079
18.47568	0.997514	2.62168	0.097659	2.806738
18.47805	0.745234	2.263724	0.158744	2.388518
18.48041	0.549763	1.83613	0.178902	1.924999
18.48277	0.422706	1.494056	0.15569	1.560488
18.48514	0.467909	1.280259	0.133699	1.369627
18.4875	0.661548	1.145797	0.158133	1.332479
18.48986	0.938261	0.981479	0.18501	1.370352
18.49222	1.210088	0.748746	0.178291	1.434128
18.49459	1.428772	0.410337	0.156301	1.494722
18.49695	1.564456	0.005956	0.136143	1.57038
18.49931	1.604161	-0.37094	0.125147	1.651239
18.50168	1.565067	-0.61161	0.123315	1.684847
18.50404	1.463055	-0.66537	0.136753	1.613054
18.5064	1.351194	-0.46928	0.13431	1.43666
18.50876	1.213143	-0.11316	0.11293	1.223631
18.51113	0.99507	0.137899	0.094605	1.009025
18.51349	0.742179	0.096972	0.092772	0.754215
18.51585	0.511279	-0.09667	0.120871	0.534192
18.51821	0.291985	-0.2561	0.156301	0.418654
18.52058	0.091016	-0.28297	0.174015	0.344442
18.52294	-0.05803	-0.17852	0.183178	0.262281
18.5253	-0.15516	-0.02764	0.192951	0.249133
18.52767	-0.20952	0.059099	0.208833	0.301667
18.53003	-0.22724	0.05238	0.22105	0.321314
18.53239	-0.22601	-0.00382	0.213109	0.310664
18.53475	-0.22052	-0.10033	0.194173	0.310478
18.53712	-0.18814	-0.18829	0.174015	0.318014
18.53948	-0.13255	-0.23655	0.150192	0.309975
18.54184	-0.07025	-0.24816	0.127591	0.287743
18.54421	-0.01222	-0.23777	0.110487	0.262473
18.54657	0.031764	-0.22678	0.100103	0.249915
18.54893	0.0507	-0.23166	0.093383	0.254871
18.55129	0.046424	-0.2451	0.088496	0.264692
18.55366	0.026266	-0.24632	0.082388	0.261062
18.55602	-0.00672	-0.2225	0.07689	0.235508
18.55838	-0.05192	-0.17363	0.070171	0.194341
18.56075	-0.10201	-0.10827	0.059176	0.160097
18.56311	-0.16249	-0.04108	0.048791	0.174556
18.56547	-0.22662	0.004734	0.036574	0.229606

18.56783	-0.29198	0.034055	0.023747	0.294922
18.5702	-0.34513	0.079257	0.00481	0.354145
18.57256	-0.38422	0.159278	-0.00985	0.416046
18.57492	-0.41354	0.235023	-0.02207	0.476174
18.57729	-0.43553	0.292443	-0.03184	0.525573
18.57965	-0.45447	0.321153	-0.03795	0.557784
18.58201	-0.46913	0.329094	-0.04833	0.575085
18.58437	-0.44348	0.373686	-0.0575	0.582767
18.58674	-0.17165	0.728588	-0.07643	0.752426
18.5891	0.56931	1.568579	-0.13324	1.67401
18.59146	1.475273	1.784819	-0.14607	2.320204
18.59383	1.965172	0.856255	-0.09842	2.145871
18.59619	1.802076	-0.12538	-0.11186	1.809892
18.59855	1.141063	0.077425	-0.19371	1.159976
18.60091	0.341464	0.93872	-0.14607	1.009519
18.60328	-0.16615	1.202605	-0.08804	1.217217
18.60564	-0.31275	0.930779	-0.04711	0.983048
18.608	-0.28527	0.674834	-0.00435	0.732663
18.61036	-0.17165	0.636961	0.010308	0.659764
18.61273	0.05803	0.479362	0.030466	0.483822
18.61509	0.304813	0.062154	0.06223	0.317248
18.61745	0.452027	-0.31718	0.100103	0.561207
18.61982	0.507614	-0.46989	0.108654	0.700199
18.62218	0.463633	-0.38743	0.065284	0.607717
18.62454	0.241896	-0.07101	0.01153	0.252367
18.6269	-0.06414	0.092085	0.025579	0.115099
18.62927	-0.25045	-0.02947	0.017638	0.252792
18.63163	-0.26938	-0.217	0.0042	0.345942
18.63399	-0.17959	-0.31535	-0.00191	0.362907
18.63636	-0.07025	-0.32268	0.00481	0.330273
18.63872	0.009163	-0.32879	0.019471	0.329492
18.64108	0.060474	-0.3239	0.036574	0.331522
18.64344	0.069026	-0.26954	0.048791	0.28248
18.64581	0.040316	-0.16325	0.059176	0.178262
18.64817	0.001222	-0.07101	0.065284	0.096468
18.65053	-0.02993	-0.04474	0.061008	0.081363
18.6529	-0.03604	-0.06429	0.049402	0.088729
18.65526	-0.02016	-0.08873	0.042683	0.100501
18.65762	0.010384	-0.104	0.04085	0.112214
18.65998	0.036651	-0.10583	0.04085	0.119214
18.66235	0.048257	-0.11194	0.042072	0.128953
18.66471	0.048257	-0.13087	0.044515	0.146418
18.66707	0.039705	-0.13943	0.048181	0.152766
18.66944	0.02871	-0.13332	0.059787	0.148903
18.6718	0.017715	-0.11011	0.06956	0.131437
18.67416	0.01466	-0.0814	0.080555	0.115453
18.67652	0.013439	-0.05513	0.085442	0.102568
18.67889	0.011606	-0.02703	0.086053	0.090942
18.68125	0.017104	-0.00015	0.086664	0.088336
18.68361	0.020769	0.010843	0.082999	0.086242
18.68597	0.025045	0.03039	0.084221	0.092972
18.68834	0.027488	0.046883	0.081166	0.097681

18.6907	0.02871	0.054213	0.079945	0.100769
18.69306	0.025656	0.060932	0.079334	0.10327
18.69543	0.023823	0.076203	0.072004	0.107513
18.69779	0.021991	0.08842	0.064063	0.111381
18.70015	0.023212	0.092085	0.06223	0.113539
18.70251	0.025656	0.085977	0.064063	0.110246
18.70488	0.02871	0.08842	0.062841	0.112211
18.70724	0.02871	0.092085	0.056122	0.111596
18.7096	0.031153	0.097583	0.053067	0.115365
18.71197	0.03604	0.099415	0.051846	0.117772
18.71433	0.041538	0.100637	0.04757	0.118811
18.71669	0.049479	0.101859	0.039629	0.119974
18.71905	0.051311	0.121406	0.027412	0.134624
18.72142	0.0507	0.143396	0.018249	0.153186
18.72378	0.051311	0.140953	0.015806	0.150832
18.72614	0.045203	0.115297	0.013362	0.124561
18.72851	0.036651	0.099415	0.013362	0.106795
18.73087	0.028099	0.094529	0.017638	0.100181
18.73323	0.020158	0.082923	0.021303	0.087956
18.73559	0.017104	0.063375	0.028023	0.071374
18.73796	0.015882	0.043217	0.034131	0.057314
18.74032	0.017715	0.033444	0.036574	0.052631
18.74268	0.017104	0.028557	0.037185	0.049908
18.74505	0.017104	0.026114	0.035964	0.047622
18.74741	0.016493	0.023059	0.029244	0.040731
18.74977	0.01466	0.01634	0.024358	0.03279
18.75213	0.012828	0.013286	0.01886	0.026396
18.7545	0.010995	0.010843	0.012141	0.019643
18.75686	0.010995	0.009621	0.006032	0.015806
18.75922	0.009774	0.005345	0.0042	0.011905
18.76159	0.00733	0.002902	0.001756	0.008077
18.76395	0.006108	0.001069	0.001145	0.006306
18.76631	0.006108	0.00168	0.002367	0.006763
18.76867	0.005498	0.004123	0.000534	0.006893
18.77104	0.005498	0.005345	0.001756	0.007866
18.7734	0.005498	0.00901	0.001145	0.010617
18.77576	0.004276	0.011453	0.002367	0.012453
18.77812	0.003665	0.007788	0.001756	0.008785
18.78049	0.007941	0.002291	0.001756	0.008449
18.78285	0.009774	-0.00504	0.000534	0.011009
18.78521	0.010995	-0.01481	-0.0013	0.018493
18.78758	0.013439	-0.01726	-0.0013	0.02191
18.78994	0.01466	-0.0197	-0.00069	0.024566
18.7923	0.013439	-0.02275	-0.00069	0.026435
18.79466	0.011606	-0.02581	-0.00191	0.028362
18.79703	0.009774	-0.0252	-0.00252	0.027144
18.79939	0.006108	-0.02336	-0.00313	0.024352
18.80175	0.003054	-0.02825	-0.0013	0.028446
18.80412	0.001222	-0.02581	-7.6E-05	0.025837
18.80648	0.003054	-0.01787	-0.00069	0.018139
18.80884	0.001833	-0.01848	-0.00252	0.018739
18.8112	0.001222	-0.0252	-0.00313	0.025421

18.81357	0.006108	-0.03741	-0.00313	0.038039
18.81593	0.010384	-0.04108	-0.00313	0.042487
18.81829	0.012828	-0.0368	-0.00313	0.039101
18.82066	0.012217	-0.03497	-0.00374	0.037232
18.82302	0.012217	-0.03314	-0.00435	0.035586
18.82538	0.00733	-0.03192	-0.00252	0.032844
18.82774	0.006719	-0.02336	-0.00252	0.024442
18.83011	0.001222	-0.01603	-0.00252	0.016277
18.83247	-0.00244	-0.01542	-0.0013	0.01567
18.83483	-0.00428	-0.01542	-0.00374	0.016437
18.8372	-0.00305	-0.01665	-0.00069	0.016937
18.83956	-0.00183	-0.01481	-0.00252	0.015137
18.84192	-0.00244	-0.0142	-0.00435	0.015054
18.84428	-0.00367	-0.01542	-0.00435	0.01644
18.84665	-0.00733	-0.01603	-0.00618	0.018684
18.84901	-0.00916	-0.01359	-0.00557	0.017313
18.85137	-0.00855	-0.01542	-0.00924	0.01991
18.85373	-0.00794	-0.01665	-0.00924	0.020628
18.8561	-0.00794	-0.01542	-0.01046	0.020258
18.85846	-0.00672	-0.01787	-0.01107	0.022067
18.86082	-0.00489	-0.01909	-0.00985	0.022029
18.86319	-0.00489	-0.01726	-0.00802	0.019645
18.86555	-0.00489	-0.01298	-0.00985	0.017012
18.86791	-0.0055	-0.01115	-0.00924	0.015487
18.87027	-0.00672	-0.01176	-0.00863	0.016058
18.87264	-0.00855	-0.0087	-0.00924	0.015306
18.875	-0.01222	-0.00565	-0.00863	0.015988
18.87736	-0.01222	-0.00321	-0.00802	0.01496
18.87973	-0.01038	-0.00748	-0.00741	0.014788
18.88209	-0.00855	-0.0087	-0.0068	0.013967
18.88445	-0.00733	-0.01054	-0.00741	0.01482
18.88681	-0.00489	-0.01542	-0.00802	0.018057
18.88918	-0.00122	-0.0197	-0.00863	0.021541
18.89154	0.001833	-0.01603	-0.00863	0.018301
18.8939	0.001222	-0.01359	-0.00863	0.016145
18.89627	0	-0.00809	-0.00802	0.011392
18.89863	-0.00244	-0.00321	-0.00863	0.009524
18.90099	-0.00428	0.001069	-0.00863	0.009689
18.90335	-0.00489	0.002291	-0.0068	0.008678
18.90572	-0.00305	-0.00199	-0.00618	0.007178
18.90808	-0.00122	-0.00565	-0.00741	0.009396
18.91044	-0.00183	-0.00382	-0.00802	0.009067
18.91281	-0.00183	-0.00076	-0.00924	0.00945
18.91517	-0.00122	-0.00076	-0.00924	0.009351
18.91753	-0.00367	-0.00321	-0.00802	0.009381
18.91989	-0.00244	-0.00443	-0.00924	0.010533
18.92226	-0.00183	-0.00199	-0.00802	0.00846
18.92462	-0.00061	-0.00076	-0.00924	0.009291
18.92698	-0.00244	0.00168	-0.00924	0.009703
18.92935	0	-0.00199	-0.00924	0.00945
18.93171	0.001833	-0.00932	-0.01168	0.015054
18.93407	0.001833	-0.01298	-0.01046	0.016771

18.93643	0	-0.0087	-0.01229	0.015063
18.9388	0	-0.00443	-0.01046	0.01136
18.94116	0	-0.00137	-0.00985	0.009945
18.94352	-0.00122	-0.00015	-0.01229	0.012355
18.94588	-0.00061	-0.00137	-0.01168	0.011779
18.94825	-0.00061	-0.0026	-0.00924	0.009616
18.95061	-0.00122	-0.0026	-0.00924	0.009674
18.95297	-0.00061	0.000458	-0.00863	0.008662
18.95534	0.000611	-0.00137	-0.00802	0.008157
18.9577	0.000611	-0.00321	-0.00802	0.008657
18.96006	0.001833	-0.00565	-0.00924	0.010984
18.96242	0.002443	-0.00748	-0.00741	0.010808
18.96479	0.001222	-0.00687	-0.00802	0.01063
18.96715	0.001833	-0.0026	-0.00924	0.00977
18.96951	0.001222	-0.0026	-0.00802	0.008515
18.97188	0.001222	-0.01176	-0.00802	0.014284
18.97424	0.006108	-0.01909	-0.0068	0.021163
18.9766	0.007941	-0.02703	-0.00496	0.028606
18.97896	0.007941	-0.02581	-0.0013	0.027034
18.98133	0.007941	-0.02031	-0.00252	0.021953
18.98369	0.001833	-0.0087	-0.0013	0.00899
18.98605	-0.00183	-0.00137	-0.0013	0.002633
18.98842	-0.0055	0.003512	-0.00313	0.007236
18.99078	-0.00489	0.004123	-0.0013	0.006524
18.99314	-0.00367	0.004734	-0.0013	0.006126
18.9955	-0.00305	0.005956	-0.00191	0.00696
18.99787	-0.00183	0.006567	-0.00252	0.007268
19.00023	-0.00122	0.005956	-0.00252	0.006581
19.00259	-0.00122	0.004734	-0.00313	0.005806
19.00496	0	0.004123	-0.00252	0.004832
19.00732	0	-0.00137	-0.00374	0.003986
19.00968	-0.00061	-0.00321	-0.00496	0.005941
19.01204	0	-0.00382	-0.00496	0.006262
19.01441	0.000611	-0.00443	-0.00435	0.006239
19.01677	0.001833	-0.00565	-0.00435	0.007364
19.01913	0.003054	-0.00687	-0.00252	0.007931
19.02149	0.001833	-0.00504	-0.00435	0.006906
19.02386	0.001222	-0.00504	-0.00374	0.006394
19.02622	-0.00122	-0.0026	-0.00252	0.003819
19.02858	-0.00183	-0.00137	-0.00191	0.002982
19.03095	0.000611	-0.00076	-0.0013	0.001625
19.03331	0	-0.00015	-0.0013	0.001307
19.03567	-0.00122	0.004734	-0.00313	0.005806
19.03803	-0.00061	0.014508	-0.00252	0.014737
19.0404	0	0.018173	-0.00191	0.018273
19.04276	0	0.022449	-0.00435	0.022867
19.04512	-0.00122	0.024281	-0.00557	0.024943
19.04749	-0.00122	0.024892	-0.00924	0.026579
19.04985	0	0.025503	-0.01229	0.028311
19.05221	0.001222	0.024281	-0.01351	0.027816
19.05457	0.002443	0.020616	-0.01474	0.025459
19.05694	0.001833	0.018173	-0.01657	0.024661

19.0593	0.004276	0.013897	-0.01596	0.021589
19.06166	0.003665	0.006567	-0.01474	0.016545
19.06403	0.003054	0.001069	-0.01657	0.016882
19.06639	0.006719	-0.00076	-0.01351	0.015112
19.06875	0.004276	-0.0026	-0.01596	0.016724
19.07111	0.002443	-0.00076	-0.01107	0.011364
19.07348	0.001222	-0.00137	-0.01168	0.011826
19.07584	-0.00183	0.000458	-0.01229	0.012438
19.0782	-0.00061	-0.00015	-0.01168	0.011699
19.08057	-0.00305	0.00168	-0.01046	0.011026
19.08293	-0.00428	0.002291	-0.00924	0.010435
19.08529	-0.00367	0.005345	-0.01107	0.012829
19.08765	-0.00367	0.007177	-0.00924	0.01226
19.09002	-0.00367	0.004734	-0.00802	0.010006
19.09238	-0.00305	-0.00015	-0.00741	0.008013
19.09474	-0.00061	-0.00321	-0.00802	0.008657
19.09711	-0.00122	-0.01359	-0.00924	0.01648
19.09947	0.000611	-0.01603	-0.00557	0.016987
19.10183	0.002443	-0.01237	-0.00496	0.01355
19.10419	0	-0.02031	-0.00435	0.020772
19.10656	0.000611	-0.02153	-0.00252	0.021688
19.10892	0.001222	-0.0142	-0.00191	0.014382
19.11128	-0.00244	-0.02092	-0.00435	0.021509
19.11364	-0.00428	-0.02153	-0.00252	0.022097
19.11601	-0.00428	-0.01176	-0.00252	0.012763
19.11837	-0.00244	-0.00687	-0.00191	0.007539
19.12073	-0.00305	-0.00504	-0.00191	0.006194
19.1231	-0.00305	0.002291	-0.00191	0.004268
19.12546	-0.00367	0.005956	-0.0013	0.007113
19.12782	-0.00367	0.005956	-0.00191	0.007249
19.13018	-0.00367	0.007177	-0.00374	0.008885
19.13255	-0.00244	0.007177	-0.00435	0.008742
19.13491	-0.00183	0.004734	-0.00313	0.005964
19.13727	0	0.00168	-0.00252	0.003028
19.13964	0.001222	-0.00076	-0.00252	0.002903
19.142	0.000611	-0.0026	-0.00191	0.00328
19.14436	0.000611	-0.00382	-0.00374	0.00538
19.14672	0	-0.00321	-0.00252	0.004078
19.14909	-0.00061	-0.00321	-0.00374	0.004965
19.15145	0	-0.00321	-0.00252	0.004078
19.15381	-0.00061	-0.0026	-0.00313	0.004113
19.15618	-0.00122	-0.00199	-0.00252	0.003433
19.15854	0.000611	-0.00321	-0.00191	0.003782
19.1609	-0.00061	-0.00137	-0.00252	0.002934
19.16326	-0.00061	0.001069	-0.00313	0.003364
19.16563	0	0.002291	-0.00252	0.003405
19.16799	0	0.004123	-0.00374	0.005568
19.17035	-0.00122	0.002902	-0.0013	0.003405
19.17272	-0.00122	0.002902	-0.00435	0.005372
19.17508	-0.00244	0.00168	-0.00252	0.003891
19.17744	-0.00061	0.00168	-0.0013	0.002209
19.1798	-0.00122	0.001069	-0.00069	0.001763

19.18217	-0.00183	0.002291	-0.00191	0.0035
19.18453	-0.00183	0.000458	0.000534	0.001963
19.18689	-0.00244	-0.00015	-0.00069	0.002543
19.18925	0.000611	-0.00076	-7.6E-05	0.000981
19.19162	-0.00061	-0.00076	-7.6E-05	0.000981
19.19398	-0.00183	0.000458	0.000534	0.001963
19.19634	0.000611	0.007788	0.000534	0.00783
19.19871	0.004276	0.014508	0.001145	0.015168
19.20107	0.004276	0.010843	0.001756	0.011787
19.20343	0.006108	0.008399	0.000534	0.010399
19.20579	0.003665	0.007788	0.001756	0.008785
19.20816	0.002443	0.005345	0.000534	0.005901
19.21052	0.003665	0.007177	0.001756	0.008248
19.21288	0.003054	0.005345	0.001145	0.006262
19.21525	0.000611	0.003512	-7.6E-05	0.003566
19.21761	0.003665	-0.00015	0.001145	0.003843
19.21997	0.004887	-0.00199	0.001145	0.005398
19.22233	0	-0.0087	0.002978	0.0092
19.2247	-0.00367	-0.00932	0.001756	0.010163
19.22706	-0.00672	-0.00382	0.001145	0.007813
19.22942	-0.00794	-0.00137	0.00481	0.009386
19.23179	-0.00611	0.001069	0.001145	0.006306
19.23415	-0.0055	-0.00321	0.002367	0.006791
19.23651	-0.00305	-0.00504	0.001145	0.006003
19.23887	-0.00183	-0.00504	0.000534	0.005389
19.24124	0.001833	-0.00382	0.000534	0.004268
19.2436	0.000611	0.001069	0.001756	0.002145
19.24596	0.001222	0.002902	0.000534	0.003193
19.24833	0.001222	-0.00076	-0.00069	0.001596
19.25069	0.000611	-0.00443	0.000534	0.004502
19.25305	0.000611	-0.00748	-0.00191	0.007747
19.25541	0.002443	-0.00626	0.000534	0.006742
19.25778	0.000611	0.000458	-7.6E-05	0.000767
19.26014	-0.00122	0.005345	0.001145	0.005601
19.2625	-0.00244	0.002291	0.001145	0.00354
19.26487	-0.00061	-0.00199	-7.6E-05	0.002079
19.26723	0.001833	-0.0087	-7.6E-05	0.008896
19.26959	0.006719	-0.01359	-0.0013	0.015217
19.27195	0.010995	-0.02703	-0.00069	0.029189
19.27432	0.016493	-0.04291	-0.00069	0.045977
19.27668	0.016493	-0.04963	-7.6E-05	0.0523
19.27904	0.011606	-0.04291	0.000534	0.044457
19.2814	0.003054	-0.02153	-7.6E-05	0.021748
19.28377	-0.00428	-0.00382	-0.00191	0.006042
19.28613	-0.00794	0.007788	0.002367	0.011372
19.28849	-0.0055	0.013286	0.001145	0.014424
19.29086	-0.00428	0.018173	0.001145	0.018704
19.29322	0.000611	0.019394	-7.6E-05	0.019404
19.29558	0.003054	0.022449	0.002978	0.02285
19.29794	0.005498	0.026725	0.000534	0.027289
19.30031	0.00733	0.022449	-7.6E-05	0.023615
19.30267	0.009163	0.013897	-7.6E-05	0.016646

19.30503	0.010995	0.008399	-0.00191	0.013967
19.3074	0.012217	0.004734	-0.0013	0.013166
19.30976	0.007941	0.010232	-0.00069	0.01297
19.31212	0.006108	0.018173	0.001145	0.019206
19.31448	0.004887	0.017562	0.001145	0.018265
19.31685	0.000611	0.010843	-7.6E-05	0.01086
19.31921	0.009163	0.015118	-7.6E-05	0.017678
19.32157	0.009163	0.011453	-0.00252	0.014882
19.32394	0.010384	0.011453	-0.0013	0.015515
19.3263	0.014049	0.012675	-7.6E-05	0.018922
19.32866	0.013439	0.019394	-0.00069	0.023605
19.33102	0.012217	0.022449	-0.00191	0.025629
19.33339	0.014049	0.018173	-0.00191	0.023049
19.33575	0.015271	0.010843	0.001756	0.018811
19.33811	0.017104	0.007177	-0.00069	0.018561
19.34048	0.020769	0.002902	-0.0013	0.021011
19.34284	0.020158	0.002291	-7.6E-05	0.020288
19.3452	0.019547	0.002291	0.000534	0.019688
19.34756	0.021991	-0.00321	-0.00069	0.022234
19.34993	0.023212	-0.01115	-0.00069	0.02576
19.35229	0.022601	-0.01481	-0.00191	0.02709
19.35465	0.021991	-0.01054	0.000534	0.024391
19.35701	0.019547	-0.00382	0.000534	0.019924
19.35938	0.017104	0.001069	0.000534	0.017145
19.36174	0.015271	0.00168	-7.6E-05	0.015363
19.3641	0.013439	0.006567	0.001756	0.01506
19.36647	0.012828	0.006567	0.001145	0.014456
19.36883	0.012217	0.008399	0.001145	0.01487
19.37119	0.014049	0.010232	0.001756	0.017469
19.37355	0.014049	0.012675	0.001756	0.019003
19.37592	0.014049	0.009621	0.001145	0.017066
19.37828	0.010995	0.010843	0.000534	0.015451
19.38064	0.010384	0.012675	0.001145	0.016426
19.38301	0.009163	0.002291	0.001756	0.009607
19.38537	0.012217	-0.00137	0.001756	0.012419
19.38773	0.015271	0.016951	0.0042	0.023199
19.39009	0.019547	0.051769	0.0042	0.055496
19.39246	0.027488	0.068262	0.005421	0.073788
19.39482	0.027488	0.050548	0.0042	0.057691
19.39718	0.017715	0.021838	0.002978	0.028277
19.39955	0.007941	0.010232	0.002978	0.01329
19.40191	0.004887	0.020616	0.001756	0.02126
19.40427	0.004887	0.021227	0.002978	0.021985
19.40663	0.004276	0.007788	0.003589	0.009582
19.409	0.003054	-0.00382	0.001145	0.005022
19.41136	0.004276	-0.0087	-0.00069	0.009722
19.41372	0.006108	-0.0087	0.000534	0.010647
19.41609	0.00733	-0.00199	0.000534	0.007613
19.41845	0.006108	-0.0026	-7.6E-05	0.006638
19.42081	0.003054	-0.00382	-7.6E-05	0.00489
19.42317	0	-0.00321	0.001756	0.003656
19.42554	-0.00183	-0.00137	0.001145	0.002561

19.4279	-0.00428	-0.00199	0.000534	0.004745
19.43026	-0.00305	-0.00015	-7.6E-05	0.003059
19.43263	-0.00428	0.002902	0.001145	0.005293
19.43499	-0.00122	0.004123	-7.6E-05	0.004301
19.43735	0.000611	0.006567	0.000534	0.006617
19.43971	-0.00122	0.004734	0.002367	0.005432
19.44208	0	0.004123	0.000534	0.004158
19.44444	0.001833	0.003512	0.003589	0.005345
19.4468	0.001222	0.00168	0.002978	0.003631
19.44916	0.001222	0.002291	0.002367	0.003513
19.45153	-0.00061	0.003512	0.0042	0.005509
19.45389	0.001833	0.004123	0.006032	0.007533
19.45625	0.004276	-0.00015	0.010308	0.011161
19.45862	0.004887	-0.00076	0.014584	0.0154
19.46098	0.009774	-0.00076	0.017027	0.019648
19.46334	0.010995	0.00168	0.022525	0.025122
19.4657	0.009163	0.003512	0.025579	0.027397
19.46807	0.008552	0.004123	0.025579	0.027284
19.47043	0.004887	0.002902	0.027412	0.027995
19.47279	0.003665	0.003512	0.02619	0.026678
19.47516	0.003054	0.006567	0.028023	0.028943
19.47752	0	0.005956	0.028023	0.028649
19.47988	0.000611	0.004734	0.024968	0.025421
19.48224	0	0.004734	0.022525	0.023017
19.48461	-0.00061	0.005956	0.020082	0.020955
19.48697	-0.00122	0.004734	0.01886	0.019483
19.48933	-0.00183	0.004123	0.018249	0.018799
19.4917	-0.00122	0.004123	0.012141	0.01288
19.49406	0	0.005345	0.01153	0.012708
19.49642	-0.00122	0.007788	0.009697	0.012497
19.49878	-0.00122	0.005956	0.006032	0.008564
19.50115	0.000611	0.004123	0.005421	0.006838
19.50351	0.001222	0.005345	0.002367	0.005972
19.50587	0.000611	0.005956	0.002978	0.006687
19.50824	-0.00061	0.007177	0.002367	0.007582
19.5106	0.000611	0.005956	0.002367	0.006438
19.51296	0.001222	0.006567	0.001756	0.006906
19.51532	0.003054	0.004123	0.003589	0.006262
19.51769	0.001222	0.002902	0.002978	0.004333
19.52005	0.003665	0.001069	0.0042	0.005676
19.52241	0.003054	0.003512	0.003589	0.005877
19.52477	0.001833	0.003512	0.006643	0.007735
19.52714	0.003054	0.003512	0.007254	0.008619
19.5295	0.000611	0.003512	0.012141	0.012653
19.53186	0.001833	0.004123	0.015195	0.015851
19.53423	0.003054	0.003512	0.020692	0.021209
19.53659	0.003665	0.005345	0.021914	0.022852
19.53895	0.001833	0.005345	0.024968	0.0256
19.54131	0.003054	0.003512	0.028633	0.029009
19.54368	0.004887	0.002902	0.031688	0.032193
19.54604	0.004887	0.002902	0.032909	0.033397
19.5484	0.004887	0.00168	0.035353	0.035728

19.55077	0.005498	0.00168	0.035964	0.03642
19.55313	0.004276	0.000458	0.042072	0.042291
19.55549	0.006719	-0.00015	0.045126	0.045624
19.55785	0.005498	0.001069	0.050013	0.050326
19.56022	0.003054	0.002902	0.053067	0.053234
19.56258	0.002443	0.002902	0.057954	0.058078
19.56494	0.001222	0.002902	0.061008	0.06109
19.56731	0.000611	0.002902	0.063452	0.063521
19.56967	-0.00122	0.004734	0.065284	0.065467
19.57203	-0.00061	0.005956	0.068949	0.069209
19.57439	0.000611	0.002902	0.073225	0.073285
19.57676	0.002443	-0.00076	0.075058	0.075101
19.57912	0.003665	0.000458	0.074447	0.074539
19.58148	0.003665	0.002902	0.074447	0.074594
19.58385	0.001833	0.003512	0.077501	0.077602
19.58621	0.004276	0.00168	0.079945	0.080077
19.58857	0.003665	0.000458	0.080555	0.08064
19.59093	0.005498	0.00168	0.080555	0.08076
19.5933	0.004276	0.004123	0.08361	0.08382
19.59566	0.00733	0.004734	0.084831	0.085279
19.59802	0.007941	0.004123	0.082999	0.08348
19.60039	0.007941	0.003512	0.079334	0.079808
19.60275	0.006108	0.004123	0.079945	0.080284
19.60511	0.00733	0.004734	0.078723	0.079205
19.60747	0.00733	0.002902	0.077501	0.077901
19.60984	0.006719	0.002902	0.074447	0.074806
19.6122	0.006719	0.004123	0.072614	0.073041
19.61456	0.006719	0.002291	0.068339	0.068706
19.61692	0.005498	0.002291	0.070171	0.070423
19.61929	0.003665	0.002291	0.068949	0.069085
19.62165	0.003665	0.003512	0.065895	0.06609
19.62401	0.003665	0.003512	0.064673	0.064872
19.62638	0.002443	0.002902	0.060398	0.060517
19.62874	0.003054	0.002291	0.058565	0.058689
19.6311	0.002443	0.002902	0.055511	0.05564
19.63346	0.003665	0.002291	0.057343	0.057506
19.63583	0.002443	0.00168	0.0549	0.05498
19.63819	0.003054	0.002902	0.053067	0.053234
19.64055	0.003665	0.002291	0.051846	0.052026
19.64292	0.003665	0.00168	0.050624	0.050784
19.64528	0.002443	0.002902	0.051235	0.051375
19.64764	0.001222	0.002902	0.050624	0.050722
19.65	0.002443	0.002902	0.051235	0.051375
19.65237	0.002443	0.00168	0.0549	0.05498
19.65473	0.002443	0.001069	0.058565	0.058626
19.65709	0.003665	0.002291	0.057954	0.058115
19.65946	0.005498	0.002291	0.062841	0.063123
19.66182	0.008552	0.006567	0.06223	0.063157
19.66418	0.004276	0.002902	0.063452	0.063662
19.66654	0.004276	0.002291	0.065895	0.066073
19.66891	0.003054	0.002291	0.067117	0.067225
19.67127	0.002443	0.00168	0.067117	0.067182

19.67363	0.003665	0.004123	0.065895	0.066126
19.676	0.004276	0.004734	0.065284	0.065595
19.67836	0.006108	0.004123	0.065284	0.065699
19.68072	0.005498	0.005956	0.062841	0.063361
19.68308	0.00733	0.007177	0.063452	0.064276
19.68545	0.00733	0.007177	0.059787	0.06066
19.68781	0.007941	0.007177	0.059176	0.060136
19.69017	0.008552	0.007177	0.059176	0.06022
19.69253	0.006719	0.007788	0.057954	0.05886
19.6949	0.006108	0.007177	0.053678	0.054499
19.69726	0.006108	0.007177	0.051235	0.052094
19.69962	0.005498	0.008399	0.051235	0.052209
19.70199	0.004276	0.007177	0.045737	0.046494
19.70435	0.004276	0.007177	0.041461	0.042295
19.70671	0.003665	0.004734	0.04024	0.040683
19.70907	0.003054	0.003512	0.034742	0.035052
19.71144	0.003054	0.002902	0.034131	0.03439
19.7138	0.001833	0.002291	0.034131	0.034257
19.71616	0.002443	0.000458	0.032299	0.032394
19.71853	0.001222	0.001069	0.028633	0.028679
19.72089	0.002443	0.003512	0.028633	0.028951
19.72325	0.003054	0.003512	0.029244	0.029612
19.72561	0.003665	0.004734	0.028023	0.028655
19.72798	0.003054	0.004123	0.028023	0.028489
19.73034	0	0.003512	0.029244	0.029454
19.7327	0.001833	0.004123	0.030466	0.030798
19.73507	0.000611	0.002902	0.030466	0.03061
19.73743	-0.00061	0.004734	0.030466	0.030838
19.73979	-0.00061	0.004734	0.029855	0.030234
19.74215	-0.00061	0.002902	0.029244	0.029394
19.74452	0.000611	0.002902	0.031688	0.031826
19.74688	0	0.003512	0.031077	0.031275
19.74924	-0.00122	0.00168	0.030466	0.030537
19.75161	-0.00183	0.00168	0.028023	0.028133
19.75397	0.000611	0.001069	0.026801	0.026829
19.75633	0.000611	0.002902	0.026801	0.026964
19.75869	-0.00061	0.002902	0.027412	0.027572
19.76106	-0.00122	0.002291	0.021914	0.022067
19.76342	-0.00122	0.002902	0.022525	0.022744
19.76578	0	0.004123	0.023136	0.0235
19.76815	0	0.002902	0.023747	0.023923
19.77051	-0.00061	0.002291	0.024968	0.025081
19.77287	-0.00183	0.003512	0.024358	0.024678
19.77523	0	0.001069	0.028023	0.028043
19.7776	-0.00061	-0.00199	0.028023	0.028099
19.77996	0	-0.00076	0.028633	0.028644
19.78232	0.000611	-0.00137	0.032299	0.032334
19.78468	-0.00122	0.000458	0.032299	0.032325
19.78705	-0.00122	0.00168	0.031077	0.031146
19.78941	0	0.001069	0.031688	0.031706
19.79177	0.001222	0.00168	0.032909	0.032975
19.79414	0	0.003512	0.031688	0.031882

19.7965	-0.00061	0.004734	0.031688	0.032045
19.79886	0	0.002291	0.032299	0.03238
19.80122	0.000611	0.005345	0.029244	0.029735
19.80359	0.001222	0.005345	0.026801	0.027356
19.80595	0.004276	0.005345	0.027412	0.028253
19.80831	0.001833	0.005956	0.025579	0.026327
19.81068	0.002443	0.007177	0.024358	0.02551
19.81304	0	0.007177	0.023136	0.024224
19.8154	0.000611	0.005345	0.022525	0.023159
19.81776	-0.00061	0.00901	0.020082	0.022019
19.82013	0.001222	0.008399	0.015806	0.01794
19.82249	0.001833	0.009621	0.015195	0.018078
19.82485	0.002443	0.007788	0.013362	0.015658
19.82722	0.002443	0.008399	0.01153	0.014472
19.82958	0.002443	0.007177	0.010919	0.013293
19.83194	0.001222	0.007177	0.008476	0.011173
19.8343	0.001222	0.007177	0.006643	0.009856
19.83667	0.000611	0.005345	0.00481	0.007217
19.83903	0.000611	0.003512	0.002978	0.004645
19.84139	0.003054	0.003512	0.002367	0.005222
19.84376	0.001222	0.003512	0.001145	0.003891
19.84612	0.001222	0.003512	0.000534	0.003757
19.84848	0.001222	0.005345	0.000534	0.005509
19.85084	0.001222	0.005956	0.001145	0.006187
19.85321	0.001222	0.004734	0.000534	0.004918
19.85557	0.000611	0.004123	0.000534	0.004202
19.85793	0	0.003512	0.002978	0.004605
19.8603	0.000611	0.003512	0.002978	0.004645
19.86266	-0.00122	0.002902	-0.00069	0.003222
19.86502	0	0.002291	-0.00191	0.002982
19.86738	0.000611	0.002291	-7.6E-05	0.002372
19.86975	0	0.002291	0.000534	0.002352
19.87211	0	0.00168	0.001756	0.00243
19.87447	0.000611	0.001069	0.000534	0.001342
19.87683	-0.00183	0.002291	-7.6E-05	0.002934
19.8792	-0.00061	0.002902	0.001145	0.003179
19.88156	0	0.002902	-7.6E-05	0.002903
19.88392	0.001222	0.002902	0.000534	0.003193
19.88629	0.000611	0.00168	0.001756	0.002506
19.88865	0.001222	0.004123	0.000534	0.004333
19.89101	-0.00061	0.00168	0.001145	0.002123
19.89337	0	0.001069	0.002367	0.002597
19.89574	0.000611	0.001069	0.001145	0.001682
19.8981	-0.00122	0.002291	0.001145	0.002838
19.90046	-0.00061	0.003512	0.000534	0.003605
19.90283	-0.00061	0.001069	0.002367	0.002668
19.90519	-0.00244	0.001069	0.001145	0.002903
19.90755	-0.00061	0.001069	0.001145	0.001682
19.90991	0.000611	0.000458	0.001145	0.001377
19.91228	-0.00061	-0.00015	0.001145	0.001307
19.91464	-0.00244	-0.00015	0.001145	0.002703
19.917	-0.00183	-0.00076	0.000534	0.002056

19.91937	-0.00244	0.000458	0.000534	0.002543
19.92173	-0.00244	-0.00015	-7.6E-05	0.002449
19.92409	-0.00305	-0.00137	0.000534	0.003392
19.92645	-0.00244	-0.00137	0.002367	0.003669
19.92882	-0.00244	0.000458	0.000534	0.002543
19.93118	-0.00367	0.001069	-7.6E-05	0.003819
19.93354	-0.00122	0.00168	0.000534	0.002145
19.93591	-0.00061	0.00168	0.000534	0.001866
19.93827	-0.00122	0.001069	-0.0013	0.002079
19.94063	-0.00183	0.002902	0.001145	0.003618
19.94299	-0.00122	0.00168	0.001145	0.002372
19.94536	-0.00122	0.003512	-7.6E-05	0.00372
19.94772	-0.00061	0.005345	-0.00069	0.005423
19.95008	-0.00061	0.005956	-7.6E-05	0.005987
19.95244	0	0.003512	0.002978	0.004605
19.95481	0	0.002902	0.000534	0.00295
19.95717	0	0.004734	-0.0013	0.004909
19.95953	-0.00061	0.004123	0.000534	0.004202
19.9619	0.001833	0.004123	0.000534	0.004544
19.96426	0.001833	0.004734	0.001756	0.005372
19.96662	0.001222	0.003512	0.001756	0.004113
19.96898	-0.00061	0.004123	0.001756	0.004523
19.97135	-0.00061	0.004734	0.000534	0.004803
19.97371	0.001222	0.004734	0.001756	0.005195
19.97607	0	0.004734	0.001145	0.004871
19.97844	0.001833	0.001069	0.002367	0.003179
19.9808	0.001222	0.003512	-0.00069	0.003782
19.98316	0.001222	0.002902	-7.6E-05	0.003149
19.98552	-0.00122	0.004734	-0.00069	0.004937
19.98789	0.001833	0.003512	0.001145	0.004124
19.99025	-0.00122	0.002291	0.000534	0.002651
19.99261	-0.00061	0.00168	0.001756	0.002506
19.99498	-0.00061	0.002902	0.001756	0.003446
19.99734	0	0.004734	0.001756	0.005049
19.9997	0.001833	0.002902	-0.00069	0.0035
20.00206	0	0.004123	0.001145	0.004279
20.00443	0.001222	0.004123	0.002367	0.004909
20.00679	-0.00305	0.000458	0.002367	0.003891
20.00915	-0.00061	0.003512	0.000534	0.003605
20.01152	0.000611	0.004734	0.001145	0.004909
20.01388	-0.00122	0.002291	-0.00191	0.003222
20.01624	-0.00244	0.002902	0.002367	0.004471
20.0186	-0.00122	0.002291	0.001145	0.002838
20.02097	-0.00183	0.004123	0.001145	0.004655
20.02333	-0.00367	0.005956	0.002978	0.007601
20.02569	-0.0055	0.007177	0.001145	0.009113
20.02806	-0.00428	0.002902	0.001145	0.005293
20.03042	-0.00183	0.000458	0.002367	0.003028
20.03278	-0.00061	0.00168	-7.6E-05	0.001789
20.03514	0	0.001069	0.001756	0.002056
20.03751	0	-0.00015	-7.6E-05	0.000171
20.03987	-0.00183	0.003512	-7.6E-05	0.003962

20.04223	0	0.004123	0.001756	0.004482
20.04459	0.001222	0.005345	-7.6E-05	0.005483
20.04696	0.001222	0.004123	0.001145	0.00445
20.04932	0.001222	0.002902	0.000534	0.003193
20.05168	0.001222	0.002291	0.000534	0.002651
20.05405	0.000611	0.004123	0.001756	0.004523
20.05641	-0.00122	0.005345	0.001145	0.005601
20.05877	-0.00061	0.004123	0.001145	0.004323
20.06113	0.000611	0.002902	-0.00069	0.003044
20.0635	-0.00183	0.003512	0.000534	0.003998
20.06586	-0.00061	0.002291	0.000534	0.00243
20.06822	-0.00122	0.002291	0.001145	0.002838
20.07059	-0.00061	0.002902	-0.00069	0.003044
20.07295	-0.00061	0.002902	-7.6E-05	0.002966
20.07531	0.000611	0.003512	-7.6E-05	0.003566
20.07767	0	0.00168	0.001145	0.002033
20.08004	0.000611	0.002291	0.000534	0.00243
20.0824	0	0.002291	0.000534	0.002352
20.08476	-0.00061	0.002291	-7.6E-05	0.002372
20.08713	0.001222	0.002291	0.001145	0.002838
20.08949	0.000611	0.002902	0.001145	0.003179
20.09185	0	0.002902	0.001756	0.003392
20.09421	-0.00183	0.004123	-7.6E-05	0.004513
20.09658	0.000611	0.004734	-7.6E-05	0.004774
20.09894	0.002443	0.002291	0.002367	0.004101
20.1013	0.000611	0.002291	0.001145	0.002633
20.10367	0.001222	0.00168	0.001756	0.00272
20.10603	0.002443	0.004734	0.000534	0.005354
20.10839	0.001222	0.003512	0.000534	0.003757
20.11075	0.000611	0.002902	0.000534	0.003013
20.11312	0.000611	0.002291	0.002367	0.00335
20.11548	0.001833	0.002291	0.001145	0.003149
20.11784	0.001222	0.00168	0.000534	0.002145
20.1202	0.001833	0.002902	0.000534	0.003473
20.12257	0.001833	0.00168	-7.6E-05	0.002487
20.12493	-0.00061	0.002291	0.000534	0.00243
20.12729	-0.00061	0.002291	-7.6E-05	0.002372
20.12966	0.001222	0.00168	0.001145	0.002372
20.13202	0.000611	0.002291	0.001756	0.00295
20.13438	0.000611	0.003512	-0.0013	0.003794
20.13674	0.000611	0.001069	0.001756	0.002145
20.13911	0.001222	0.00168	-7.6E-05	0.002079
20.14147	-0.00122	0.001069	0.001145	0.001987
20.14383	-0.00061	0.000458	0.003589	0.003669
20.1462	-0.00061	-0.00076	-7.6E-05	0.000981
20.14856	-0.00061	0.000458	-0.00069	0.001027
20.15092	-0.00183	0.001069	0.001756	0.002754
20.15328	-0.00122	0.00168	-0.00069	0.002188
20.15565	-0.00061	0.002291	0.000534	0.00243
20.15801	-0.00183	0.00168	0.001145	0.002737
20.16037	-0.00244	-0.00015	-7.6E-05	0.002449
20.16274	-0.00122	-0.00015	0.001756	0.002145

20.1651	-0.00244	0.002291	-7.6E-05	0.00335
20.16746	-0.00061	-0.00076	-7.6E-05	0.000981
20.16982	-0.00305	-0.00076	0.000534	0.003193
20.17219	-0.00244	0.000458	-7.6E-05	0.002487
20.17455	-0.00183	0.00168	-0.00069	0.002579
20.17691	-0.00183	0.000458	0.001756	0.002579
20.17928	-0.00183	0.000458	-0.00069	0.00201
20.18164	-0.00183	0.002291	-0.00069	0.003013
20.184	-0.00183	0.001069	0.001756	0.002754
20.18636	0.000611	0.000458	0.001756	0.001915
20.18873	-0.00183	0.000458	-7.6E-05	0.00189
20.19109	-0.00122	0.00168	0.001145	0.002372
20.19345	-0.00183	0.002291	-7.6E-05	0.002934
20.19582	0	0.003512	0.001145	0.003694
20.19818	-0.00244	0.00168	0.002367	0.003794
20.20054	-0.00122	0.000458	0.002367	0.002703
20.2029	-0.00061	0.00168	-7.6E-05	0.001789
20.20527	0	0.002291	-0.0013	0.002633
20.20763	0	0.00168	0.000534	0.001763
20.20999	0	-0.00015	0.001756	0.001763
20.21235	0.000611	0.000458	-0.00069	0.001027
20.21472	0.001833	0.001069	-0.00191	0.002854
20.21708	0.001222	0.001069	0.002367	0.00287
20.21944	0.001833	0.00168	0.000534	0.002543
20.22181	0.001222	0.002902	0.001145	0.00335
20.22417	-0.00122	0.003512	0.001756	0.004113
20.22653	0.001833	0.002902	-0.00069	0.0035
20.22889	0	0.00168	-7.6E-05	0.001682
20.23126	0.000611	0.001069	0.001145	0.001682
20.23362	0.000611	0.002902	0.001756	0.003446
20.23598	0.000611	0.004123	-7.6E-05	0.004169
20.23835	-0.00183	0.002291	-0.0013	0.003208
20.24071	0	0.002291	0.002367	0.003294
20.24307	0	0.00168	0.001145	0.002033
20.24543	0.000611	0.001069	0.002367	0.002668
20.2478	0.001222	0.00168	-0.00069	0.002188
20.25016	-0.00061	0.003512	0.001145	0.003745
20.25252	-0.00122	0.002902	0.001145	0.00335
20.25489	0	0.002291	0.000534	0.002352
20.25725	0.000611	0.003512	0.001145	0.003745
20.25961	0.001222	0.004123	0.001145	0.00445
20.26197	0.001222	0.002902	0.002978	0.004333
20.26434	0.001833	0.002902	0.000534	0.003473
20.2667	0.000611	0.002291	0.000534	0.00243
20.26906	0.000611	0.000458	0.000534	0.000932
20.27143	-0.00061	0.002291	0.001145	0.002633
20.27379	0.001833	0.003512	0.002367	0.004615
20.27615	0.001222	0.00168	0.003589	0.004146
20.27851	0.000611	0.003512	0.000534	0.003605
20.28088	0	0.004123	0.002978	0.005086
20.28324	0.000611	0.002291	0.002367	0.00335
20.2856	0	0.002291	0.002978	0.003757

20.28797	0	0.002291	0.001145	0.002561
20.29033	-0.00183	0.00168	0.001145	0.002737
20.29269	0	0.002902	0.000534	0.00295
20.29505	0	0.003512	0.001756	0.003927
20.29742	-0.00183	0.002902	-7.6E-05	0.003433
20.29978	-0.00122	0.002902	0.001145	0.00335
20.30214	-0.00183	0.001069	0.002367	0.003179
20.3045	-0.00061	-0.00015	0.001145	0.001307
20.30687	0.001222	0.002291	-0.0013	0.002903
20.30923	0.001222	0.002291	0.002978	0.003951
20.31159	-0.00061	0.00168	0.002367	0.002966
20.31396	-0.00183	0.002902	0.002367	0.004169
20.31632	-0.00061	0.003512	0.001145	0.003745
20.31868	-0.00061	0.002902	-7.6E-05	0.002966
20.32104	-0.00122	0.002902	0.001756	0.003605
20.32341	0	0.00168	0.001756	0.00243
20.32577	-0.00305	0.001069	0.001756	0.003682
20.32813	0.000611	0.000458	0.000534	0.000932
20.3305	-0.00122	0.000458	0.001756	0.002188
20.33286	0	0.002291	0.002978	0.003757
20.33522	0	0.003512	0.001756	0.003927
20.33758	-0.00122	0.002902	0.002367	0.003939
20.33995	-0.00183	0.001069	0.001756	0.002754
20.34231	-0.00061	0.00168	0.001756	0.002506
20.34467	-0.00061	0.001069	0.002978	0.003222
20.34704	-0.00183	0.00168	0.001145	0.002737
20.3494	0.000611	0.002291	0.000534	0.00243
20.35176	0.006719	0.005956	-0.0013	0.009072
20.35412	0.001833	0.003512	0.000534	0.003998
20.35649	0.001222	0.002902	0.000534	0.003193
20.35885	0.001222	0.00168	0.001145	0.002372
20.36121	0.000611	-0.00015	0.001756	0.001866
20.36358	-0.00122	0.00168	0.000534	0.002145
20.36594	0	0.001069	0.001756	0.002056
20.3683	0	0.003512	-0.00069	0.003579
20.37066	0.000611	-0.00015	0.000534	0.000826
20.37303	0.001833	0.001069	0.000534	0.002188
20.37539	0.001833	0.00168	0.000534	0.002543
20.37775	0	0.003512	0.001145	0.003694
20.38011	0.001222	0.004123	0.001145	0.00445
20.38248	0.000611	0.002291	0.003589	0.004301
20.38484	0.001833	0.002902	0.002367	0.004169
20.3872	0.003054	0.002902	0.001756	0.004564
20.38957	0.001833	0.001069	-7.6E-05	0.002123
20.39193	0.001222	0.00168	-7.6E-05	0.002079
20.39429	0.000611	0.002902	0.000534	0.003013
20.39665	0.001222	0.002291	0.000534	0.002651
20.39902	-0.00061	0.002902	-0.00069	0.003044
20.40138	-0.00061	0.00168	0.001756	0.002506
20.40374	0.001222	0.00168	0.002978	0.003631
20.40611	0.000611	-0.00015	0.000534	0.000826
20.40847	0	0.00168	0.002367	0.002903

20.41083	0	0.004123	-7.6E-05	0.004124
20.41319	0.001222	0.004123	0.002367	0.004909
20.41556	0	0.001069	0.001145	0.001567
20.41792	-0.00061	0.002902	0.001145	0.003179
20.42028	0.000611	0.00168	0.001145	0.002123
20.42265	-0.00122	0.002291	0.000534	0.002651
20.42501	0.000611	-0.00015	0.001756	0.001866
20.42737	0.001222	0.000458	0.002367	0.002703
20.42973	-0.00122	-0.00076	0.001145	0.00184
20.4321	-0.00061	0.000458	-7.6E-05	0.000767
20.43446	-0.00244	0.003512	-7.6E-05	0.004279
20.43682	-0.00122	0.002902	0.001756	0.003605
20.43919	0.000611	0.001069	0.000534	0.001342
20.44155	-0.00122	0.002291	0.001145	0.002838
20.44391	-0.00122	0.001069	0.002367	0.00287
20.44627	0.001222	0.001069	0.001145	0.001987
20.44864	-0.00122	0.00168	-0.00069	0.002188
20.451	-0.00061	0.002291	-7.6E-05	0.002372
20.45336	-0.00061	0.002291	-0.00069	0.002468
20.45573	-0.00122	0.00168	0.000534	0.002145
20.45809	-0.00183	0.001069	0.001756	0.002754
20.46045	-0.00061	0.002291	0.000534	0.00243
20.46281	0.000611	0.00168	0.002367	0.002966
20.46518	-0.00061	0.00168	0.002367	0.002966
20.46754	0.001222	0.002291	-0.00069	0.002686
20.4699	0.000611	0.002291	0.001145	0.002633
20.47226	-0.00122	0.002291	0.001145	0.002838
20.47463	0.001222	0.001069	0.002367	0.00287
20.47699	-0.00061	0.000458	0.000534	0.000932
20.47935	0.000611	0.00168	-0.00069	0.001915
20.48172	0.000611	0.00168	-0.00069	0.001915
20.48408	0.000611	0.000458	0.001145	0.001377
20.48644	0	0.001069	0.000534	0.001195
20.4888	-0.00122	0.002291	0.002367	0.003513
20.49117	-0.00061	0.002902	0.000534	0.003013
20.49353	-0.00061	0.003512	0.000534	0.003605
20.49589	0.001222	-0.00015	0.000534	0.001342
20.49826	-0.00061	0.000458	0.001756	0.001915
20.50062	-0.00122	0.00168	0.001145	0.002372
20.50298	0.002443	0.00168	0.001756	0.003446
20.50534	0.001222	0.00168	0.002367	0.003149
20.50771	0	0.002902	0.001145	0.003119
20.51007	0.000611	0.002291	0.001145	0.002633
20.51243	0	0.002291	0.003589	0.004257
20.5148	0.001222	0.002291	0.001756	0.003134
20.51716	0	0.002291	0.001145	0.002561
20.51952	0.000611	0.002291	0.002367	0.00335
20.52188	0	0.001069	0.002978	0.003164
20.52425	0	0.000458	0.002978	0.003013
20.52661	0.000611	0.00168	0.001756	0.002506
20.52897	0.000611	0.00168	0.001756	0.002506
20.53134	0.001222	0.00168	0.000534	0.002145

20.5337	0.000611	0.001069	0.001756	0.002145
20.53606	0.001222	0.00168	0.001145	0.002372
20.53842	0	-0.00015	0.000534	0.000556
20.54079	-0.00061	0.000458	0.001145	0.001377
20.54315	0.001222	0.001069	0.001145	0.001987
20.54551	0.000611	0.001069	0.000534	0.001342
20.54788	-0.00061	0.00168	0.002367	0.002966
20.55024	-0.00183	0.00168	0.001145	0.002737
20.5526	-0.00183	0.002291	0.001145	0.003149
20.55496	-0.00244	0.001069	-7.6E-05	0.002668
20.55733	0.001222	0.001069	0.001145	0.001987
20.55969	0.001222	0.001069	-7.6E-05	0.001625
20.56205	0.000611	0.00168	-7.6E-05	0.001789
20.56441	0.000611	0.001069	0.002367	0.002668
20.56678	0	0.002291	0.002978	0.003757
20.56914	-0.00061	0.002291	-0.00069	0.002468
20.5715	-0.00061	0.000458	0.001145	0.001377
20.57387	-0.00122	0.00168	0.002978	0.003631
20.57623	-0.00061	0.002291	0.000534	0.00243
20.57859	0	0.002291	-0.00069	0.002392
20.58095	-0.00122	0.00168	0.000534	0.002145
20.58332	-0.00183	0.001069	0.002367	0.003179
20.58568	-0.00122	0.000458	0.001756	0.002188
20.58804	-0.00061	0.000458	0.001145	0.001377
20.59041	-0.00061	0.00168	0.001145	0.002123
20.59277	-0.00183	0.00168	0.001145	0.002737
20.59513	-0.00244	-0.00076	0.001756	0.003104
20.59749	-0.00244	0.000458	0.001145	0.002737
20.59986	-0.00061	0.00168	0.001756	0.002506
20.60222	-0.00122	0.000458	0.002367	0.002703
20.60458	0	0.00168	0.001145	0.002033
20.60695	-0.00244	0.002291	0.001145	0.00354
20.60931	0	0.001069	0.001756	0.002056
20.61167	-0.00061	0.00168	-0.00069	0.001915
20.61403	-0.00244	0.001069	-7.6E-05	0.002668
20.6164	-0.00061	0.00168	0.001145	0.002123
20.61876	-0.00183	-0.00015	-7.6E-05	0.00184
20.62112	0	0.001069	0.000534	0.001195
20.62349	-0.00244	-0.00015	0.000534	0.002506
20.62585	0.000611	-0.00137	-0.00069	0.001654
20.62821	-0.00183	0.000458	0.000534	0.001963
20.63057	0.000611	0.002291	0.001145	0.002633
20.63294	0.000611	0.00168	0.001145	0.002123
20.6353	-0.00122	0.001069	0.002978	0.003392
20.63766	-0.00183	0.00168	0.001145	0.002737
20.64002	0	0.002291	-0.00069	0.002392
20.64239	-0.00061	0.001069	0.000534	0.001342
20.64475	-0.00061	0.001069	0.002978	0.003222
20.64711	0.001222	0.00168	0.003589	0.004146
20.64948	0	0.00168	0.001145	0.002033
20.65184	0	0.000458	0.001145	0.001234
20.6542	-0.00061	0.00168	0.001756	0.002506

20.65656	0	0.00168	0.000534	0.001763
20.65893	0.000611	0.00168	-7.6E-05	0.001789
20.66129	0.001222	0.00168	-7.6E-05	0.002079
20.66365	0.000611	0.002291	0.001145	0.002633
20.66602	0	0.002291	0.001756	0.002886
20.66838	-0.00061	0.00168	0.002978	0.003473
20.67074	0.000611	0.002291	0.001756	0.00295
20.6731	-0.00183	0.001069	0.002367	0.003179
20.67547	-0.00061	0.002902	0.001756	0.003446
20.67783	0.000611	0.001069	0.000534	0.001342
20.68019	-0.00122	0.002291	0.002367	0.003513
20.68256	0.000611	0.001069	0.001756	0.002145
20.68492	-0.00061	0.00168	0.001756	0.002506
20.68728	-0.00122	0.000458	0.001145	0.001736
20.68964	-0.00122	0.00168	0.001145	0.002372
20.69201	0.001222	0.001069	0.001145	0.001987
20.69437	0.001833	0.001069	0.001756	0.002754
20.69673	0.001222	0.002902	0.002367	0.003939
20.6991	0.000611	0.002291	0.002367	0.00335
20.70146	0	0.001069	0.003589	0.003745
20.70382	0.000611	0.002902	0.001145	0.003179
20.70618	-0.00122	0.004123	0.001145	0.00445
20.70855	0.000611	0.003512	0.001145	0.003745
20.71091	0.000611	0.002291	0.001756	0.00295
20.71327	0.001833	0.00168	0.000534	0.002543
20.71564	0	0.003512	0.001756	0.003927
20.718	0.000611	0.00168	0.001756	0.002506
20.72036	-0.00061	0.002902	-7.6E-05	0.002966
20.72272	0	0.002291	0.000534	0.002352
20.72509	-0.00061	0.000458	0.000534	0.000932
20.72745	-0.00061	0.00168	0.003589	0.004009
20.72981	-0.00061	0.00168	0.002978	0.003473
20.73217	0	0.001069	0.001756	0.002056
20.73454	0	-0.00015	0.001756	0.001763
20.7369	0.001222	-0.00076	0.001756	0.002272
20.73926	0.001222	-0.00137	0.001756	0.002543
20.74163	0	0.000458	0.002978	0.003013
20.74399	0.000611	0.002902	0.001756	0.003446
20.74635	-0.00305	0.000458	0.001756	0.003553
20.74871	-0.00183	0.001069	0.000534	0.002188
20.75108	-0.00061	0.002291	0.001756	0.00295
20.75344	-0.00122	0.000458	0.003589	0.003819
20.7558	-0.00122	0.00168	0.002367	0.003149
20.75817	-0.00061	0.00168	0.002978	0.003473
20.76053	-0.00122	0.00168	0.002978	0.003631
20.76289	0	0.001069	0.002978	0.003164
20.76525	-0.00122	0.001069	0.001756	0.002392
20.76762	0	0.00168	0.001756	0.00243
20.76998	-0.00122	0.000458	0.001756	0.002188
20.77234	-0.00061	0.000458	0.002978	0.003074
20.77471	0.001222	-0.00076	0.003589	0.003867
20.77707	-0.00061	0.001069	0.002978	0.003222

20.77943	-0.00122	-0.00015	0.003589	0.003794
20.78179	-0.00122	-0.00015	0.003589	0.003794
20.78416	-0.00061	0.000458	0.001145	0.001377
20.78652	-0.00122	0.001069	0.002367	0.00287
20.78888	0	0.001069	0.002367	0.002597
20.79125	0	0.00168	0.002978	0.003419
20.79361	-0.00061	-0.00015	0.001756	0.001866
20.79597	-0.00061	-0.00015	0.002978	0.003044
20.79833	-0.00061	-0.00015	-7.6E-05	0.000634
20.8007	-0.00122	0.000458	0.003589	0.003819
20.80306	0	0.001069	0.001756	0.002056
20.80542	-0.00061	-0.00015	0.002367	0.002449
20.80779	-0.00061	0.00168	0.001756	0.002506
20.81015	0	0.002902	0.001145	0.003119
20.81251	0.000611	0.002291	0.002367	0.00335
20.81487	-0.00061	-0.00015	0.002367	0.002449
20.81724	0	0.000458	0.001756	0.001815
20.8196	-0.00183	0.002291	0.001756	0.003419
20.82196	-0.00122	0.00168	-7.6E-05	0.002079
20.82432	0.000611	0.001069	0.001145	0.001682
20.82669	-0.00183	0.002291	-7.6E-05	0.002934
20.82905	-0.00244	0.00168	0.000534	0.003013
20.83141	-0.00061	-0.00015	0.001756	0.001866
20.83378	-0.00061	0.001069	0.001145	0.001682
20.83614	-0.00183	-0.00015	0.001756	0.002543
20.8385	-0.00244	0.000458	0.001145	0.002737
20.84086	-0.00183	-0.00015	0.000534	0.001915
20.84323	0	0.000458	0.001145	0.001234
20.84559	-0.00122	0.00168	0.002367	0.003149
20.84795	-0.00122	0.001069	0.001145	0.001987
20.85032	-0.00183	-0.00015	-0.00069	0.001963
20.85268	-0.00061	0.00168	-0.00069	0.001915
20.85504	-0.00122	0.002902	-7.6E-05	0.003149
20.8574	-0.00122	0.00168	0.000534	0.002145
20.85977	-0.00305	0.002902	0.000534	0.004247
20.86213	-0.00183	0.001069	0.001756	0.002754
20.86449	-0.00061	0.002902	0.000534	0.003013
20.86686	0	0.000458	0.002367	0.002411
20.86922	0.000611	0.00168	0.002367	0.002966
20.87158	-0.00122	0.001069	0.000534	0.001709
20.87394	0.001222	0.001069	0.000534	0.001709
20.87631	0.000611	-0.00015	0.001145	0.001307
20.87867	-0.00122	-0.00015	-7.6E-05	0.001234
20.88103	0.000611	0.000458	0.001756	0.001915
20.8834	-0.00122	0.00168	0.001145	0.002372
20.88576	0	0.00168	-0.00069	0.001815
20.88812	-0.00061	0.001069	0.001145	0.001682
20.89048	-0.00183	-0.00015	0.001145	0.002166
20.89285	0	0.002902	0.001145	0.003119
20.89521	-0.00122	0.002902	0.001756	0.003605
20.89757	-0.00122	0.001069	0.003589	0.003939
20.89994	-0.00122	0.000458	0.001145	0.001736

20.9023	-0.00061	0.002902	0.000534	0.003013
20.90466	-0.00305	0.001069	0.001145	0.003433
20.90702	-0.00244	0.000458	0.001756	0.003044
20.90939	0	0.000458	-0.00069	0.000826
20.91175	-0.00122	0.00168	0.000534	0.002145
20.91411	0.000611	0.000458	0.000534	0.000932
20.91647	0.001222	0.000458	0.001145	0.001736
20.91884	0.000611	0.001069	0.000534	0.001342
20.9212	-0.00061	0.002902	-0.00069	0.003044
20.92356	-0.00122	0.002291	-0.00069	0.002686
20.92593	-0.00061	0.001069	0.000534	0.001342
20.92829	-0.00122	0.002291	0.000534	0.002651
20.93065	0	0.00168	0.001756	0.00243
20.93301	0	0.001069	0.001145	0.001567
20.93538	-0.00122	0.002902	-0.00069	0.003222
20.93774	0	0.002902	0.000534	0.00295
20.9401	0	0.002291	-0.0013	0.002633
20.94247	-0.00061	0.001069	-7.6E-05	0.001234
20.94483	0	0.001069	0.001756	0.002056
20.94719	-0.00061	0.002291	-7.6E-05	0.002372
20.94955	-0.00122	-0.00015	0.001145	0.001682
20.95192	-0.00122	0.000458	0.002978	0.003251
20.95428	-0.00122	0.002291	0.001145	0.002838
20.95664	-0.00122	0.00168	0.001756	0.00272
20.95901	-0.00061	0.00168	0.001145	0.002123
20.96137	-0.00061	0.002902	0.002978	0.004202
20.96373	0	0.002291	-7.6E-05	0.002292
20.96609	-0.00061	0.001069	0.001756	0.002145
20.96846	-0.00122	0.000458	-7.6E-05	0.001307
20.97082	-0.00122	0.00168	-7.6E-05	0.002079
20.97318	-0.00122	0.000458	-7.6E-05	0.001307
20.97555	-0.00122	-0.00076	-7.6E-05	0.001443
20.97791	0	0.002291	-0.00069	0.002392
20.98027	-0.00183	0.002291	0.000534	0.002982
20.98263	-0.00183	0.002291	0.000534	0.002982
20.985	-0.00244	0.000458	0.001145	0.002737
20.98736	-0.00183	0.001069	0.002978	0.003656
20.98972	-0.00183	0.00168	0.001145	0.002737
20.99208	-0.00122	0.002291	0.002367	0.003513
20.99445	-0.00244	0.002291	0.001145	0.00354
20.99681	-0.00122	0.000458	0.002367	0.002703
20.99917	-0.00183	-0.00015	0.001756	0.002543
21.00154	-0.00244	0.001069	0.001756	0.003193
21.0039	-0.00305	0.002291	0.001145	0.003986
21.00626	-0.00244	0.001069	0.0042	0.004975
21.00862	-0.00244	0.000458	0.006643	0.007093
21.01099	-0.00428	0.00168	0.007254	0.008586
21.01335	-0.00367	0.00168	0.012141	0.012793
21.01571	-0.00183	0.004734	0.027412	0.027878
21.01808	0	0.003512	0.050624	0.050746
21.02044	0.001833	0.00168	0.072614	0.072657
21.0228	0.002443	0.001069	0.092772	0.092811

21.02516	-0.00183	-0.00076	0.108044	0.108062
21.02753	-0.00489	-0.00076	0.116595	0.1167
21.02989	-0.00733	0.000458	0.124536	0.124753
21.03225	-0.00489	-0.00015	0.127591	0.127684
21.03462	-0.00305	-0.00199	0.133699	0.133749
21.03698	0.001222	-0.00199	0.140419	0.140438
21.03934	0.003665	-0.00076	0.14836	0.148407
21.0417	-0.00244	-0.00015	0.152025	0.152044
21.04407	-0.00183	-0.00076	0.159355	0.159367
21.04643	-0.00122	-0.00076	0.166074	0.16608
21.04879	-0.00183	-0.00199	0.172793	0.172815
21.05116	-0.00061	-0.00443	0.179513	0.179568
21.05352	-0.00061	-0.01115	0.1844	0.184737
21.05588	0	-0.0142	0.193562	0.194083
21.05824	0.005498	-0.0142	0.208223	0.208779
21.06061	0.008552	-0.01359	0.218607	0.219196
21.06297	0.010995	-0.01603	0.228991	0.229815
21.06533	0.010384	-0.01542	0.239987	0.240706
21.0677	0.012828	-0.01909	0.251593	0.252642
21.07006	0.013439	-0.01787	0.272362	0.273278
21.07242	0.015882	-0.01359	0.288854	0.28961
21.07478	0.017104	-0.01176	0.304736	0.305442
21.07715	0.018936	-0.01848	0.31451	0.315621
21.07951	0.019547	-0.02642	0.304736	0.306503
21.08187	0.018325	-0.02703	0.274805	0.276738
21.08423	0.025656	-0.02642	0.238154	0.240985
21.0866	0.025045	-0.03925	0.189897	0.195521
21.08896	0.036651	-0.0478	0.144084	0.156167
21.09132	0.048868	-0.04413	0.1056	0.124448
21.09369	0.055587	-0.03986	0.07628	0.102456
21.09605	0.048257	-0.0423	0.061008	0.088545
21.09841	0.045203	-0.02459	0.046959	0.069663
21.10077	0.026266	-0.00443	0.029855	0.040011
21.10314	-0.00489	0.006567	0.005421	0.009818
21.1055	-0.04642	0.024892	-0.0239	0.057845
21.10786	-0.11912	0.054213	-0.05383	0.14151
21.11023	-0.17653	0.049326	-0.06849	0.195675
21.11259	-0.21441	0.058489	-0.05872	0.229868
21.11495	-0.21929	0.08842	-0.03612	0.239191
21.11731	-0.18692	0.093307	-0.01779	0.20967
21.11968	-0.13255	0.089031	-0.01718	0.160599
21.12204	-0.07575	0.063375	-0.0239	0.101612
21.1244	-0.03299	-0.00199	-0.00924	0.034313
21.12677	-0.00977	-0.03436	0.007254	0.036452
21.12913	-0.00244	-0.02764	0.023136	0.036128
21.13149	-0.01527	-0.0197	0.044515	0.051019
21.13385	-0.04215	-0.01237	0.06223	0.076171
21.13622	-0.07452	0.004123	0.070782	0.102863
21.13858	-0.10873	0.014508	0.08361	0.137926
21.14094	-0.12645	0.007177	0.109265	0.167269
21.14331	-0.13378	0.005345	0.124536	0.182849
21.14567	-0.14111	0.019394	0.123926	0.188798

21.14803	-0.14416	0.027946	0.119039	0.189033
21.15039	-0.13439	0.031611	0.117817	0.181493
21.15276	-0.11912	0.023059	0.113541	0.166168
21.15512	-0.10079	0.00901	0.107433	0.147586
21.15748	-0.08063	-0.00443	0.103768	0.131487
21.15985	-0.06719	-0.00626	0.1056	0.125322
21.16221	-0.05437	0.016951	0.116595	0.129759
21.16457	-0.05314	0.024892	0.121482	0.134914
21.16693	-0.05986	0.00168	0.116595	0.131076
21.1693	-0.0678	-0.01726	0.117206	0.136501
21.17166	-0.07147	-0.00626	0.14836	0.164796
21.17402	-0.09041	0.058489	0.197227	0.224706
21.17638	-0.11117	0.056656	0.238154	0.268862
21.17875	-0.11728	0.056656	0.249149	0.281141
21.18111	-0.11117	0.063986	0.254647	0.28513
21.18347	-0.10079	0.027946	0.238765	0.260669
21.18584	-0.09163	-0.01726	0.209444	0.22926
21.1882	-0.06536	-0.02336	0.15569	0.170462
21.19056	-0.02321	-0.01726	0.084831	0.089627
21.19292	0.044592	-0.03008	-0.0013	0.053807
21.19529	0.102011	-0.01542	-0.03795	0.109929
21.19765	0.135608	-0.02642	-0.01351	0.138817
21.20001	0.150268	-0.09911	0.042072	0.184861
21.20238	0.132554	-0.12782	0.118428	0.218937
21.20474	0.071469	0.042607	0.225326	0.240198
21.2071	-0.04032	0.199594	0.326727	0.384985
21.20946	-0.17715	0.192264	0.385368	0.465677
21.21183	-0.27671	0.120795	0.390255	0.493418
21.21419	-0.31153	0.101859	0.351772	0.480802
21.21655	-0.29198	0.128125	0.31451	0.44787
21.21892	-0.24312	0.111632	0.301682	0.403212
21.22128	-0.17837	0.060321	0.280303	0.337673
21.22364	-0.1014	0.024281	0.249149	0.270087
21.226	0.001222	-0.02092	0.228381	0.22934
21.22837	0.13011	-0.1211	0.1844	0.25612
21.23073	0.249837	-0.22678	0.164852	0.37553
21.23309	0.339631	-0.21639	0.222272	0.459978
21.23546	0.376893	-0.06307	0.291298	0.4805
21.23782	0.346961	0.094529	0.356658	0.506481
21.24018	0.254112	0.133012	0.398196	0.49074
21.24254	0.133165	0.080479	0.406748	0.435492
21.24491	0.032986	-0.00565	0.393309	0.39473
21.24727	-0.01649	-0.14492	0.378649	0.405771
21.24963	-0.02871	-0.20662	0.417743	0.466932
21.252	-0.03299	-0.10461	0.558238	0.568912
21.25436	-0.03543	0.008399	0.803799	0.804623
21.25672	-0.04032	0.029779	1.125104	1.12622
21.25908	-0.04398	-0.02886	1.466644	1.467587
21.26145	-0.03909	-0.06246	1.668224	1.66985
21.26381	-0.03054	-0.04963	1.6725	1.673515
21.26617	-0.02443	-0.02398	1.623632	1.623993
21.26853	-0.02321	-0.02398	1.541778	1.54214

21.2709	-0.03726	0.037109	1.467866	1.468808
21.27326	-0.06964	0.188599	1.379217	1.393793
21.27562	-0.09163	0.062154	1.306526	1.311209
21.27799	-0.07208	-0.08811	1.260102	1.265233
21.28035	-0.0507	-0.01726	1.206958	1.208145
21.28271	-0.06353	0.104302	1.07868	1.085571
21.28507	-0.0959	0.10308	0.937574	0.948087
21.28744	-0.10323	0.082923	0.864273	0.874357
21.2898	-0.0959	0.128125	0.773256	0.789645
21.29216	-0.09163	0.094529	0.663915	0.676841
21.29453	-0.09102	-0.01115	0.572287	0.579587
21.29689	-0.07208	-0.05269	0.541134	0.54845
21.29925	-0.04154	-0.00321	0.563125	0.564664
21.30161	-0.01222	0.043217	0.58878	0.590491
21.30398	0.00733	0.013286	0.57412	0.574321
21.30634	0.020769	-0.03314	0.549075	0.550466
21.3087	0.02871	-0.03803	0.554573	0.556616
21.31107	0.030542	-0.01054	0.584504	0.585397
21.31343	0.029321	-0.00687	0.618712	0.619444
21.31579	0.017715	-0.04047	0.634594	0.63613
21.31815	0.005498	-0.06674	0.569844	0.573765
21.32052	-0.01344	-0.05574	0.47333	0.47679
21.32288	-0.03604	-0.01603	0.466	0.467667
21.32524	-0.04276	0.042607	0.5167	0.520214
21.32761	-0.04948	0.041996	0.560071	0.563818
21.32997	-0.06231	-0.00382	0.564346	0.567788
21.33233	-0.06964	-0.02825	0.536858	0.542093
21.33469	-0.06658	-0.02336	0.5167	0.521496
21.33706	-0.04765	0.009621	0.51609	0.518374
21.33942	-0.02688	0.027335	0.524031	0.525431
21.34178	-0.01038	-0.00504	0.51609	0.516219
21.34414	0.003665	-0.02886	0.492877	0.493735
21.34651	0.016493	-0.01726	0.484936	0.485524
21.34887	0.022601	0.005956	0.485547	0.486109
21.35123	0.021991	-0.0026	0.462335	0.462865
21.3536	0.019547	-0.02764	0.434847	0.436163
21.35596	0.010384	-0.03864	0.412856	0.41479
21.35832	0	-0.02398	0.388422	0.389162
21.36068	-0.01283	-0.0026	0.359102	0.35934
21.36305	-0.02199	0.002902	0.325505	0.32626
21.36541	-0.03299	-0.00015	0.29313	0.29498
21.36777	-0.03726	-0.00199	0.254036	0.256762
21.37014	-0.03176	-0.00321	0.21372	0.216092
21.3725	-0.01894	-0.01054	0.179513	0.180816
21.37486	-0.00489	-0.02336	0.145916	0.147856
21.37722	0.010384	-0.02459	0.114152	0.117231
21.37959	0.025656	-0.03008	0.084831	0.093593
21.38195	0.041538	-0.04291	0.057954	0.08322
21.38431	0.053755	-0.05207	0.043294	0.086462
21.38668	0.062917	-0.04658	0.04024	0.088018
21.38904	0.067193	-0.03558	0.039018	0.08546
21.3914	0.065972	-0.04169	0.030466	0.083776

21.39376	0.067804	-0.06002	0.01153	0.091281
21.39613	0.070858	-0.06551	-0.00741	0.096787
21.39849	0.073302	-0.04474	-0.02207	0.088669
21.40085	0.07208	-0.01909	-0.03367	0.081816
21.40322	0.063528	-0.0087	-0.04345	0.077454
21.40558	0.049479	-0.00565	-0.052	0.071999
21.40794	0.037262	-0.00626	-0.06422	0.074507
21.4103	0.029321	-0.00321	-0.06544	0.071777
21.41267	0.023212	-0.00137	-0.07277	0.076392
21.41503	0.023212	0.000458	-0.08682	0.089867
21.41739	0.023212	0.002902	-0.10148	0.104138
21.41976	0.021991	0.008399	-0.11247	0.114909
21.42212	0.017715	0.018784	-0.12958	0.132123
21.42448	0.01466	0.024281	-0.14546	0.148198
21.42684	0.012217	0.024281	-0.15767	0.160001
21.42921	0.010995	0.017562	-0.17478	0.176003
21.43157	0.011606	0.012675	-0.20043	0.20117
21.43393	0.010995	0.005345	-0.22365	0.22398
21.43629	0.015271	-0.00321	-0.24503	0.245522
21.43866	0.018325	-0.00382	-0.26702	0.267672
21.44102	0.01466	0.005345	-0.28107	0.281499
21.44338	0.009163	0.018784	-0.29328	0.294027
21.44575	0.003665	0.020005	-0.30611	0.306786
21.44811	-0.00305	0.013286	-0.31527	0.315568
21.45047	-0.00489	0.010843	-0.32016	0.320381
21.45283	-0.0055	0.002902	-0.33543	0.335489
21.4552	-0.00305	-0.00748	-0.35437	0.35446
21.45756	0.003054	0.013286	-0.36781	0.368059
21.45992	0.006719	0.038331	-0.38674	0.388696
21.46229	0.014049	0.03039	-0.40079	0.402188
21.46465	0.026266	0.010843	-0.42156	0.422518
21.46701	0.038483	0.016951	-0.44783	0.449797
21.46937	0.047646	0.028557	-0.46676	0.470057
21.47174	0.051922	0.018173	-0.48081	0.48395
21.4741	0.053144	0.000458	-0.49975	0.502567
21.47646	0.0507	-0.0142	-0.5138	0.51649
21.47883	0.040927	-0.02642	-0.52846	0.5307
21.48119	0.024434	-0.03192	-0.54801	0.549479
21.48355	0.003054	-0.02214	-0.56083	0.561279
21.48591	-0.02199	-0.00626	-0.56755	0.568014
21.48828	-0.04765	0.004734	-0.57	0.572004
21.49064	-0.06719	0.007177	-0.56878	0.572775
21.493	-0.07086	0.00901	-0.57855	0.582941
21.49537	-0.06292	0.010843	-0.59138	0.594813
21.49773	-0.04642	0.00901	-0.59443	0.596309
21.50009	-0.02932	-0.00932	-0.58588	0.586686
21.50245	-0.011	-0.02825	-0.58038	0.581173
21.50482	0.00733	-0.01298	-0.57183	0.572024
21.50718	0.004276	0.014508	-0.56328	0.563481
21.50954	-0.01833	0.026114	-0.56633	0.56723
21.51191	-0.05192	0.025503	-0.56389	0.566848
21.51427	-0.09102	0.034055	-0.5419	0.550542

21.51663	-0.12339	0.03772	-0.50036	0.516729
21.51899	-0.14477	0.031	-0.45516	0.478631
21.52136	-0.15149	0.03039	-0.41423	0.442109
21.52372	-0.14233	0.044439	-0.37758	0.405954
21.52608	-0.12217	0.056045	-0.34582	0.371019
21.52844	-0.09102	0.05971	-0.32627	0.343949
21.53081	-0.00794	0.010232	-0.31039	0.310657
21.53317	0.091627	-0.0985	-0.28351	0.313808
21.53553	0.216851	-0.20356	-0.26579	0.398886
21.5379	0.23762	-0.14126	-0.24686	0.370616
21.54026	0.230289	-0.00626	-0.2438	0.33543
21.54262	0.203412	0.052991	-0.2377	0.317307
21.54498	0.100179	0.061543	-0.19188	0.225038
21.54735	-0.0055	0.033444	-0.14973	0.153522
21.54971	-0.10079	0.015729	-0.11369	0.152749
21.55207	-0.15516	0.040163	-0.09476	0.186186
21.55444	-0.17226	0.082923	-0.08071	0.207516
21.5568	-0.15577	0.087809	-0.0636	0.189787
21.55916	-0.10934	0.040163	-0.0465	0.125423
21.56152	-0.03787	-0.00993	-0.02756	0.047882
21.56389	0.04337	-0.03741	-0.01596	0.05946
21.56625	0.119726	-0.03619	-0.00435	0.125153
21.56861	0.173481	-0.01909	0.006643	0.174654
21.57098	0.203412	-0.01909	0.019471	0.205232
21.57334	0.20219	-0.03375	0.042683	0.209384
21.5757	0.182032	-0.04474	0.065284	0.198494
21.57806	0.14416	-0.03558	0.092772	0.175085
21.58043	0.098957	-0.01542	0.113541	0.1514
21.58279	0.051311	-0.00687	0.128202	0.13826
21.58515	0.017104	-0.00687	0.142862	0.144046
21.58752	-0.00611	0.006567	0.153857	0.154118
21.58988	-0.01038	0.015729	0.169739	0.170782
21.59224	0.001833	0.010843	0.1844	0.184727
21.5946	0.030542	-0.00565	0.188065	0.190612
21.59697	0.060474	-0.02336	0.189286	0.200081
21.59933	0.09346	-0.03558	0.188065	0.213
21.60169	0.108731	-0.05146	0.183789	0.219657
21.60406	0.116672	-0.05818	0.1844	0.225834
21.60642	0.109342	-0.04536	0.191119	0.224809
21.60878	0.089795	-0.02153	0.197227	0.217774
21.61114	0.07208	-0.00687	0.202114	0.214692
21.61351	0.054365	-0.00687	0.210055	0.217085
21.61587	0.039094	-0.01481	0.218607	0.222569
21.61823	0.035429	-0.02031	0.22105	0.224791
21.62059	0.03604	-0.02581	0.222883	0.227248
21.62296	0.037262	-0.02398	0.222883	0.227244
21.62532	0.043981	-0.01237	0.225326	0.229911
21.62768	0.053144	-0.00382	0.231435	0.237489
21.63005	0.056809	-0.00626	0.238154	0.244916
21.63241	0.061696	-0.01298	0.239987	0.24813
21.63477	0.066582	-0.01848	0.238765	0.248563
21.63713	0.072691	-0.02886	0.243041	0.255315

21.6395	0.085519	-0.03558	0.241208	0.258381
21.64186	0.098346	-0.02642	0.251593	0.27142
21.64422	0.117894	-0.0307	0.247928	0.276241
21.64659	0.1295	-0.04719	0.249149	0.284732
21.64895	0.147825	-0.05085	0.252814	0.297243
21.65131	0.178367	-0.06918	0.268086	0.329349
21.65367	0.200358	-0.06368	0.267475	0.340208
21.65604	0.159431	0.005345	0.238154	0.286643
21.6584	0.066582	0.071927	0.22105	0.241806
21.66076	-0.02993	0.084144	0.238765	0.254921
21.66313	-0.10629	0.070095	0.252204	0.282519
21.66549	-0.16126	0.056045	0.261366	0.312185
21.66785	-0.18875	0.051769	0.254036	0.320689
21.67021	-0.18387	0.049937	0.240597	0.306899
21.67258	-0.14721	0.047493	0.223494	0.271803
21.67494	-0.09041	0.040163	0.203336	0.226123
21.6773	-0.02871	0.027946	0.17768	0.182141
21.67967	0.024434	0.013286	0.158133	0.16056
21.68203	0.05803	-0.0026	0.145916	0.157053
21.68439	0.070858	-0.01542	0.136143	0.154252
21.68675	0.068415	-0.01848	0.123926	0.142757
21.68912	0.051922	-0.00504	0.117206	0.128291
21.69148	0.029321	0.009621	0.111709	0.115893
21.69384	0.007941	0.013897	0.106822	0.108014
21.69621	-0.01283	0.015118	0.101324	0.103246
21.69857	-0.02443	0.016951	0.100103	0.104426
21.70093	-0.02627	0.015118	0.093383	0.098178
21.70329	-0.02749	0.013286	0.086664	0.091884
21.70566	-0.02382	0.004123	0.080555	0.084105
21.70802	-0.00672	0.013286	0.070782	0.072331
21.71038	0.010995	0.015729	0.061619	0.064539
21.71274	0.025045	0.000458	0.053067	0.058682
21.71511	0.029932	-0.01298	0.045126	0.055685
21.71747	0.034207	-0.00626	0.035964	0.050027
21.71983	0.031153	0.001069	0.023747	0.039186
21.7222	0.020769	-0.0026	0.016417	0.0266
21.72456	0.008552	-0.00382	0.006643	0.011482
21.72692	0.001222	0.000458	0.000534	0.00141
21.72928	-0.00489	0.002291	-0.00557	0.007759
21.73165	-0.00855	0.002291	-0.01351	0.016157
21.73401	-0.01283	-0.00015	-0.01901	0.022936
21.73637	-0.00794	0.000458	-0.02451	0.025769
21.73874	-0.00061	0.000458	-0.03306	0.033071
21.7411	0.003665	-0.00199	-0.03856	0.038784
21.74346	0.005498	-0.00382	-0.04467	0.045167
21.74582	0.007941	-0.0026	-0.05017	0.050857
21.74819	0.010384	-0.00076	-0.0575	0.058431
21.75055	0.007941	-0.00321	-0.05994	0.060548
21.75291	0.009774	-0.00382	-0.06483	0.06567
21.75528	0.00733	-0.00199	-0.07093	0.07134
21.75764	0.006108	-0.00137	-0.07826	0.078515
21.76	0.006108	-0.0026	-0.0801	0.080372

21.76236	0.003054	-0.00199	-0.08376	0.083842
21.76473	0.003054	-0.00076	-0.08437	0.084432
21.76709	0.001833	0.000458	-0.08865	0.088669
21.76945	0.001222	0.000458	-0.09415	0.094156
21.77182	0.001833	0.000458	-0.09415	0.094166
21.77418	0.003054	-0.00076	-0.09476	0.09481
21.77654	0.002443	-0.00199	-0.09781	0.097863
21.7789	0.003665	-0.00137	-0.10087	0.100942
21.78127	0.006108	-0.00015	-0.09842	0.098612
21.78363	0.004887	-0.00076	-0.10026	0.100377
21.78599	0.004276	-0.00137	-0.1027	0.102797
21.78835	0.001222	-0.00137	-0.1027	0.102715
21.79072	0.001222	0.000458	-0.1027	0.102707
21.79308	0	0.00168	-0.10331	0.103323
21.79544	0.001222	0.003512	-0.10453	0.104597
21.79781	0.001833	0.004123	-0.10453	0.104629
21.80017	0	0.002291	-0.10209	0.102114
21.80253	0	0.001069	-0.10087	0.100872
21.80489	0.001222	0.00168	-0.09903	0.099055
21.80726	0	0.00168	-0.0972	0.097216
21.80962	0	0.005345	-0.09293	0.093079
21.81198	-0.00061	0.007177	-0.0917	0.091986
21.81435	-0.00061	0.003512	-0.08926	0.089331
21.81671	-0.00122	0.00168	-0.08559	0.08562
21.81907	-0.00122	0.00168	-0.08315	0.083178
21.82143	-0.00183	0.004123	-0.08071	0.080834
21.8238	-0.00183	0.004734	-0.07826	0.078429
21.82616	-0.00305	0.003512	-0.07399	0.074135
21.82852	0	0.007177	-0.07093	0.071297
21.83089	0	0.005345	-0.06849	0.068699
21.83325	-0.00061	0.003512	-0.06788	0.067974
21.83561	0.001833	0.004123	-0.06605	0.066202
21.83797	0.002443	0.005345	-0.06422	0.064484
21.84034	0.001222	0.004123	-0.06422	0.064359
21.8427	0	0.002902	-0.06238	0.06245
21.84506	0.003665	0.003512	-0.06055	0.060763
21.84743	0.004276	0.002902	-0.06055	0.06077
21.84979	0.004276	0.004123	-0.05933	0.059625
21.85215	0.001833	0.000458	-0.05933	0.059359
21.85451	0.001833	0.001069	-0.05811	0.058146
21.85688	0.001222	0.000458	-0.05689	0.0569
21.85924	0.001833	-0.00015	-0.05811	0.058136
21.8616	0.000611	-0.00015	-0.05444	0.054445
21.86397	0.000611	0.000458	-0.05322	0.053226
21.86633	0.000611	-0.00199	-0.05444	0.054481
21.86869	0	-0.00015	-0.05261	0.052609
21.87105	0.000611	0.001069	-0.05383	0.053845
21.87342	0.003054	0.00168	-0.05261	0.052725
21.87578	0.002443	0.001069	-0.05139	0.051457
21.87814	0.002443	-0.00076	-0.05078	0.050841
21.8805	0.003054	-0.00076	-0.04955	0.049655
21.88287	0.004276	-0.00015	-0.04589	0.046089

21.88523	0.004276	-0.00076	-0.04345	0.043663
21.88759	0.004276	-0.00199	-0.04039	0.040666
21.88996	0.004887	-0.00015	-0.03734	0.037657
21.89232	0.002443	0.000458	-0.03673	0.036811
21.89468	0.001833	0.00168	-0.03551	0.035592
21.89704	0.001222	-0.00076	-0.03306	0.033093
21.89941	0.003665	0.00168	-0.0294	0.029672
21.90177	0.003054	0.002291	-0.02695	0.027223
21.90413	0.002443	0.000458	-0.02573	0.025852
21.9065	0.004276	0.003512	-0.0239	0.024532
21.90886	0.004276	0.003512	-0.02146	0.022158
21.91122	0.00733	0.00168	-0.02023	0.021587
21.91358	0.006719	0.001069	-0.02268	0.023676
21.91595	0.00733	0.004734	-0.02146	0.023163
21.91831	0.004887	0.002902	-0.01901	0.019844
21.92067	0.004276	0.002902	-0.01901	0.019702
21.92304	0.004276	0.002291	-0.01779	0.01844
21.9254	0.003054	0.002902	-0.01718	0.017689
21.92776	0.002443	0.002902	-0.01657	0.016998
21.93012	0.002443	0.003512	-0.01474	0.015345
21.93249	0.001833	0.00168	-0.01474	0.014945
21.93485	0.003665	0.002291	-0.01168	0.012456
21.93721	0.001833	0.004123	-0.01168	0.012524
21.93958	0.001222	0.003512	-0.01168	0.01226
21.94194	0.002443	0.002291	-0.00863	0.009255
21.9443	0.002443	0.001069	-0.01107	0.011388
21.94666	0.000611	0.000458	-0.00985	0.009879
21.94903	0.001222	0.002291	-0.01046	0.010778
21.95139	0.001222	0.002902	-0.00802	0.008613
21.95375	0.000611	0.002902	-0.00496	0.005781
21.95612	0	0.002291	-0.00252	0.003405
21.95848	0.003054	0.003512	0.002978	0.005526
21.96084	0.004276	0.002291	0.001145	0.004984
21.9632	0.003665	-0.00015	0.001756	0.004067
21.96557	0.001833	0.003512	-0.00252	0.004695
21.96793	0.001833	0.018173	-0.00435	0.018776
21.97029	0.001222	0.018784	0.0042	0.019286
21.97265	0.001833	0.007177	0.018249	0.019695
21.97502	0.003054	-0.0026	0.024968	0.025288
21.97738	0.004276	-0.0026	0.028633	0.029067
21.97974	0.003054	0.000458	0.027412	0.027585
21.98211	0.001222	-0.00199	0.023136	0.023253
21.98447	0.002443	-0.00321	0.018249	0.018689
21.98683	0.004276	0.000458	0.021914	0.022332
21.98919	0.003665	0.00168	0.02619	0.026499
21.99156	0.004276	0.00168	0.028633	0.029
21.99392	0.002443	0.002902	0.029855	0.030095
21.99628	0.003665	0.001069	0.028023	0.028281
21.99865	0.005498	-0.00076	0.023747	0.024387
22.00101	0.004276	-0.00137	0.017638	0.018201
22.00337	0.001222	-0.00015	0.013973	0.014027
22.00573	0	0.002902	0.010308	0.010709

22.0081	-0.00061	0.002902	0.007865	0.008405
22.01046	-0.00122	0.000458	0.002978	0.003251
22.01282	-0.00122	-0.00076	-0.00374	0.004009
22.01519	0.001222	-0.00015	-0.00374	0.003939
22.01755	0.001222	0.003512	-0.00924	0.009959
22.01991	0.003665	0.002291	-0.01535	0.015944
22.02227	0.002443	-0.0026	-0.02023	0.020546
22.02464	0.004276	-0.00015	-0.0239	0.024279
22.027	0.006719	0.002291	-0.02879	0.029649
22.02936	0.004887	0.002291	-0.0294	0.029888
22.03173	0.006108	0.004123	-0.03367	0.03447
22.03409	0.009163	-0.00137	-0.03612	0.037286
22.03645	0.008552	-0.00382	-0.041	0.042059
22.03881	0.006719	-0.00199	-0.04345	0.044008
22.04118	0.004887	0.00168	-0.04528	0.045573
22.04354	0.004887	0.003512	-0.04589	0.046283
22.0459	0.004887	0.005345	-0.0465	0.047061
22.04827	0.004887	-0.00137	-0.04711	0.047384
22.05063	0.004276	-0.00565	-0.04833	0.04885
22.05299	0.004887	-0.00076	-0.04772	0.047978
22.05535	0.003054	0.002291	-0.05017	0.050311
22.05772	0.003665	0.002291	-0.04955	0.049743
22.06008	0.004276	0.001069	-0.05017	0.050359
22.06244	0.004276	-0.00076	-0.05017	0.050354
22.0648	0.004276	-0.0026	-0.04772	0.047984
22.06717	0.004887	-0.00137	-0.04894	0.049207
22.06953	0.001222	0.00168	-0.04894	0.048988
22.07189	0.002443	0.002902	-0.04711	0.047264
22.07426	0.002443	0.00168	-0.04589	0.045986
22.07662	0	-0.00137	-0.0465	0.046521
22.07898	0	-0.00321	-0.0465	0.046611
22.08134	0.004276	-0.00137	-0.04772	0.047933
22.08371	0.004887	0.000458	-0.04894	0.04919
22.08607	0.004887	0.000458	-0.04833	0.048582
22.08843	0.004887	0.000458	-0.04894	0.04919
22.0908	0.003054	0.000458	-0.04894	0.049041
22.09316	0.003054	0.000458	-0.04833	0.048432
22.09552	0.002443	-0.00015	-0.04833	0.048395
22.09788	0.003054	-0.00015	-0.04772	0.04782
22.10025	0.004887	-0.00076	-0.04711	0.047371
22.10261	0.003665	-0.0026	-0.04589	0.046109
22.10497	0.003665	-0.00199	-0.04467	0.044862
22.10734	0.003665	-0.00076	-0.04467	0.044825
22.1097	0.001833	0.000458	-0.04222	0.042267
22.11206	0.001222	0.00168	-0.03917	0.039226
22.11442	0.003054	-0.00199	-0.03612	0.0363
22.11679	0.002443	-0.00199	-0.03612	0.036253
22.11915	0.001222	-0.00137	-0.03428	0.034333
22.12151	0.001833	-0.00076	-0.03367	0.033731
22.12388	0.002443	-0.00076	-0.03184	0.031943
22.12624	0.001833	0.000458	-0.03001	0.030067
22.1286	0.001833	-0.00076	-0.02573	0.025808

22.13096	0.001833	-0.00076	-0.02329	0.023373
22.13333	0.000611	-0.00076	-0.02085	0.020868
22.13569	0.000611	-0.00015	-0.01962	0.019634
22.13805	0.001222	-0.00137	-0.01657	0.016671
22.14042	0.002443	-0.00076	-0.01474	0.014957
22.14278	0.000611	0.001069	-0.0129	0.012963
22.14514	-0.00061	0.000458	-0.00924	0.009271
22.1475	0.000611	-0.00015	-0.00496	0.005003
22.14987	-0.00122	0.00168	-0.00496	0.00538
22.15223	-0.00122	-0.00015	-0.0013	0.001789
22.15459	0	0.001069	-0.0013	0.001682
22.15695	-0.00244	0.001069	-0.0013	0.002966
22.15932	-0.00367	0.007788	-0.00069	0.008635
22.16168	-0.00244	0.012675	-0.00069	0.012927
22.16404	0.003054	0.00901	0.00481	0.010661
22.16641	0.003665	0.002902	0.0042	0.006284
22.16877	0.004276	0.000458	0.0042	0.006011
22.17113	0.004276	-0.00137	0.002978	0.005389
22.17349	0.003054	-0.0026	0.002978	0.004994
22.17586	0	-0.00076	0.001145	0.001377
22.17822	-0.00183	0.000458	0.005421	0.005741
22.18058	-0.00367	0.000458	0.0042	0.005593
22.18295	-0.00183	0.000458	0.00481	0.005168
22.18531	-0.00183	-0.00076	0.0042	0.004645
22.18767	-0.00122	0.000458	0.002367	0.002703
22.19003	-0.00183	-0.00015	0.002978	0.0035
22.1924	-0.00061	-0.00015	0.002367	0.002449
22.19476	-0.00061	-0.00076	0.002978	0.003134
22.19712	-0.00061	0.00168	0.002978	0.003473
22.19949	-0.00244	-0.00076	0.000534	0.002615
22.20185	-0.00489	0.001069	0.002367	0.005534
22.20421	-0.00305	0.001069	0.002367	0.004009
22.20657	-0.00367	0.001069	0.002367	0.004492
22.20894	-0.00061	0.000458	0.002367	0.002487
22.21113	-0.00122	0.000458	0.001756	0.002188
22.21366	-0.00061	0.000458	0.000534	0.000932
22.21603	-0.00183	0.00168	0.000534	0.002543
22.21839	-0.00305	0.001069	0.002367	0.004009
22.22075	-0.00183	-0.00015	0.002367	0.002997
22.22311	-0.00183	0.00168	0.001756	0.003044
22.22548	-0.00122	0.002291	0.001145	0.002838
22.22784	-0.00183	0.001069	0.001756	0.002754
22.2302	-0.00183	0.000458	-7.6E-05	0.00189
22.23257	0	-0.00076	0.001145	0.001377
22.23493	0	0.000458	0.001756	0.001815
22.23729	0.001222	0.00168	0.001756	0.00272
22.23965	0	-0.00015	0.000534	0.000556
22.24202	0	0.002291	0.001145	0.002561
22.24438	-0.00305	0.000458	0.002367	0.003891
22.24674	-0.00244	-0.00076	0.001145	0.002804
22.2491	-0.00061	-0.00015	0.000534	0.000826
22.25147	-0.00122	0.001069	-7.6E-05	0.001625

22.25383	0.001222	0.001069	0.002978	0.003392
22.25619	0.002443	-0.00015	0.001756	0.003013
22.25856	0.001222	-0.00015	0.000534	0.001342
22.26092	0.000611	-0.00015	0.001756	0.001866
22.26328	0.000611	0.001069	0.002367	0.002668
22.26564	0	-0.00015	0.001145	0.001155
22.26801	0	0.00168	-7.6E-05	0.001682
22.27037	0	0.000458	0.000534	0.000704
22.27273	0.001222	-0.00015	-7.6E-05	0.001234
22.2751	0.000611	-0.00076	-7.6E-05	0.000981
22.27746	0.001222	-0.00137	0.000534	0.001915
22.27982	0.001222	-0.00137	-0.00069	0.001963
22.28218	0	-0.00137	-7.6E-05	0.001377
22.28455	-0.00183	-0.00015	0.001145	0.002166
22.28691	-0.00061	-0.00076	0.001756	0.00201
22.28927	0	-0.00015	0.002978	0.002982
22.29164	-0.00122	-0.00015	0.001756	0.002145
22.294	-0.00183	0.001069	0.000534	0.002188
22.29636	-0.00305	0.000458	0.001756	0.003553
22.29872	0	0.000458	0.003589	0.003618
22.30109	-0.00122	0.000458	0.000534	0.00141
22.30345	-0.00244	0.000458	0.001756	0.003044
22.30581	-0.00122	0.001069	0.002367	0.00287
22.30818	-0.00244	0.001069	0.001756	0.003193
22.31054	-0.00367	0.002902	0.001145	0.004813
22.3129	-0.00305	0.00168	0.001145	0.003669
22.31526	-0.00305	0.001069	-7.6E-05	0.003237
22.31763	-0.00428	0.00168	0.002367	0.005168
22.31999	-0.00305	0.00168	0.001756	0.003903
22.32235	-0.00244	0.000458	0.002367	0.003433
22.32472	-0.00367	0.000458	0.001756	0.00409
22.32708	-0.00367	0.000458	0.000534	0.003732
22.32944	-0.00244	0.002902	0.001145	0.003962
22.3318	-0.00244	0.002291	0.000534	0.003392
22.33417	-0.00122	0.000458	-7.6E-05	0.001307
22.33653	-0.00122	0.00168	0.001145	0.002372
22.33889	-0.00122	0.002291	0.000534	0.002651
22.34125	0.000611	0.000458	0.001145	0.001377
22.34362	-0.00183	0.000458	0.001145	0.002209
22.34598	-0.00122	0.001069	0.001756	0.002392
22.34834	0.000611	0.001069	0.002367	0.002668
22.35071	0	0.000458	0.000534	0.000704
22.35307	-0.00061	0.000458	0.000534	0.000932
22.35543	0	0.00168	0.002978	0.003419
22.35779	0.001222	0.001069	-7.6E-05	0.001625
22.36016	0.001833	0.002291	-7.6E-05	0.002934
22.36252	0.001222	-0.00015	0.000534	0.001342
22.36488	0.001222	0.000458	0.002367	0.002703
22.36725	0.001222	-0.00015	0.001756	0.002145
22.36961	0.001222	0.001069	0.003589	0.003939
22.37197	0.001222	-0.00076	0.001145	0.00184
22.37433	0	-0.00015	0.001756	0.001763

22.3767	0.000611	-0.00137	0.002367	0.002804
22.37906	-0.00122	-0.00015	0.001145	0.001682
22.38142	-0.00061	0.00168	0.000534	0.001866
22.38379	0	0.002291	0.001756	0.002886
22.38615	-0.00061	0.001069	0.002367	0.002668
22.38851	0.000611	0.00168	0.001756	0.002506
22.39087	-0.00122	0.00168	0.003589	0.004146
22.39324	0.000611	0.001069	-7.6E-05	0.001234
22.3956	0	0.00168	-7.6E-05	0.001682
22.39796	0	-0.00076	-0.00069	0.001027
22.40033	-0.00061	0.000458	0.002367	0.002487
22.40269	0.000611	0.002902	0.002367	0.003794
22.40505	0.001222	0.002902	0.000534	0.003193
22.40741	0	0.000458	0.001145	0.001234
22.40978	0.000611	0.001069	-0.00069	0.00141
22.41214	0.000611	0.00168	0.001145	0.002123
22.4145	-0.00061	0.002291	-0.00069	0.002468
22.41687	-0.00061	0.002291	0.000534	0.00243
22.41923	-0.00061	0.00168	-7.6E-05	0.001789
22.42159	0	0.001069	0.001145	0.001567
22.42395	-0.00244	0.000458	0.000534	0.002543
22.42632	-0.00122	0.00168	-0.00069	0.002188
22.42868	-0.00061	0.00168	-0.00069	0.001915
22.43104	-0.00183	0.000458	0.001145	0.002209
22.4334	-0.00061	0.000458	0.001756	0.001915
22.43577	-0.00122	0.002902	-7.6E-05	0.003149
22.43813	-0.00061	0.001069	-7.6E-05	0.001234
22.44049	-0.00244	0.002902	0.002367	0.004471
22.44286	-0.00122	0.002902	0.000534	0.003193
22.44522	-0.00061	0.000458	-0.00069	0.001027
22.44758	-0.00122	0.000458	0.001756	0.002188
22.44994	-0.00061	-0.00076	0.000534	0.001114
22.45231	-0.00061	0.001069	0.001145	0.001682
22.45467	-0.00183	0.000458	0.002367	0.003028
22.45703	-0.00061	-0.00015	0.000534	0.000826
22.4594	0	0.000458	0.001756	0.001815
22.46176	-0.00122	0.001069	0.00481	0.005077
22.46412	-0.00061	0.00168	0.001756	0.002506
22.46648	0.000611	0.002291	0.000534	0.00243
22.46885	0.000611	0.002291	0.001145	0.002633
22.47121	-0.00061	0.00168	0.001756	0.002506
22.47357	-0.00122	0.001069	0.001145	0.001987
22.47594	-0.00061	0.002291	-7.6E-05	0.002372
22.4783	-0.00122	0.000458	0.001145	0.001736
22.48066	-0.00244	0.00168	0.000534	0.003013
22.48302	-0.00244	0.00168	0.000534	0.003013
22.48539	-0.00122	0.002902	-7.6E-05	0.003149
22.48775	-0.00122	0.00168	0.000534	0.002145
22.49011	0.000611	0.002291	-7.6E-05	0.002372
22.49248	0.000611	0.002291	0.002367	0.00335
22.49484	0.001833	0.001069	0.003589	0.004169
22.4972	-0.00061	0.001069	-7.6E-05	0.001234

22.49956	-0.00061	0.002291	-0.00191	0.003044
22.50193	-0.00183	0.002291	0.000534	0.002982
22.50429	-0.00122	0.000458	-0.0013	0.00184
22.50665	-0.00183	-0.00015	-7.6E-05	0.00184
22.50901	-0.00305	0.000458	0.001145	0.003294
22.51138	-0.00244	0.00168	0.001145	0.003179
22.51374	-0.00061	-0.00076	0.001756	0.00201
22.5161	-0.00244	0.001069	0.001756	0.003193
22.51847	-0.00244	0.000458	0.001145	0.002737
22.52083	-0.00061	0.001069	0.000534	0.001342
22.52319	-0.00122	0.00168	0.001145	0.002372
22.52555	-0.00305	0.000458	0.001756	0.003553
22.52792	-0.00305	0.001069	0.001756	0.003682
22.53028	-0.00122	0.001069	0.000534	0.001709
22.53264	-0.00183	-0.00015	0.002367	0.002997
22.53501	-0.00122	0.002291	0.001756	0.003134
22.53737	-0.00183	0.00168	0.001145	0.002737
22.53973	-0.00244	0.000458	0.001145	0.002737
22.54209	0	0.001069	0.001145	0.001567
22.54446	0.000611	0.001069	0.001145	0.001682
22.54682	-0.00183	0.00168	0.001145	0.002737
22.54918	-0.00183	-0.00015	0.001756	0.002543
22.55155	-0.00122	0.001069	0.000534	0.001709
22.55391	-0.00061	0.000458	0.001756	0.001915
22.55627	-0.00183	0.00168	0.001145	0.002737
22.55863	-0.00122	0.001069	-7.6E-05	0.001625
22.561	-0.00244	0.000458	-0.0013	0.002804
22.56336	-0.00183	0.001069	0.000534	0.002188
22.56572	-0.00244	-0.00076	0.001756	0.003104
22.56809	-0.00183	0.001069	0.000534	0.002188
22.57045	-0.00061	-0.00076	0.000534	0.001114
22.57281	-0.00183	0.000458	-7.6E-05	0.00189
22.57517	-0.00122	0.001069	0.001145	0.001987
22.57754	0	-0.00076	-0.0013	0.001506
22.5799	0.000611	0.001069	-0.00069	0.00141
22.58226	-0.00061	0.00168	0.001145	0.002123
22.58463	-0.00244	0.002902	-7.6E-05	0.003794
22.58699	-0.00061	0.00168	0.001145	0.002123
22.58935	-0.00061	0.000458	-7.6E-05	0.000767
22.59171	-0.00183	0.000458	0.001145	0.002209
22.59408	-0.00122	0.001069	0.000534	0.001709
22.59644	-0.00061	0.001069	0.001145	0.001682
22.5988	-0.00244	-0.00015	0.001756	0.003013
22.60116	-0.00183	0.000458	0.000534	0.001963
22.60353	-0.00183	0.001069	0.000534	0.002188
22.60589	-0.00183	-0.00015	0.000534	0.001915
22.60825	0.000611	0.00168	0.000534	0.001866
22.61062	-0.00122	0.001069	0.001145	0.001987
22.61298	-0.00061	0.001069	0.001145	0.001682
22.61534	0.001222	0.001069	0.001145	0.001987
22.6177	0.001222	0.00168	0.000534	0.002145
22.62007	-0.00183	0.001069	0.002367	0.003179

22.62243	-0.00122	0.00168	-0.00069	0.002188
22.62479	-0.00122	0.000458	0.001756	0.002188
22.62716	-0.00183	0.000458	0.001145	0.002209
22.62952	-0.00061	0.000458	0.001145	0.001377
22.63188	-0.00122	0.001069	-7.6E-05	0.001625
22.63424	-0.00061	0.001069	-0.00069	0.00141
22.63661	-0.00061	0.00168	0.001756	0.002506
22.63897	0.001222	0.001069	0.001145	0.001987
22.64133	0.001222	0.001069	-7.6E-05	0.001625
22.6437	0	0.000458	-7.6E-05	0.000464
22.64606	-0.00122	0.001069	0.002367	0.00287
22.64842	-0.00122	0.002902	-7.6E-05	0.003149
22.65078	0	-0.00015	-7.6E-05	0.000171
22.65315	0.000611	-0.00015	0.000534	0.000826
22.65551	0.000611	0.001069	-0.00069	0.00141
22.65787	0.002443	-0.00076	0.002367	0.003487
22.66024	0.000611	-0.00199	0.000534	0.002145
22.6626	0.000611	-0.00015	0.000534	0.000826
22.66496	0.001222	-0.00015	-7.6E-05	0.001234
22.66732	-0.00061	0.001069	-7.6E-05	0.001234
22.66969	0	0.001069	0.001756	0.002056
22.67205	-0.00061	0.001069	0.001145	0.001682
22.67441	-0.00061	0.000458	-0.00069	0.001027
22.67678	-0.00122	0.001069	-7.6E-05	0.001625
22.67914	-0.00122	0.001069	-7.6E-05	0.001625
22.6815	-0.00061	0.00168	0.000534	0.001866
22.68386	0	0.00168	0.001756	0.00243
22.68623	-0.00122	0.00168	0.001756	0.00272
22.68859	-0.00305	0.001069	0.001145	0.003433
22.69095	-0.00061	0.001069	0.002367	0.002668
22.69331	-0.00061	0.002291	0.000534	0.00243
22.69568	0	0.002291	0.000534	0.002352
22.69804	-0.00122	0.002902	0.000534	0.003193
22.7004	-0.00061	0.004123	0.000534	0.004202
22.70277	-0.00122	0.000458	0.001145	0.001736
22.70513	-0.00122	0.000458	-0.00069	0.001475
22.70749	-0.00122	0.001069	0.000534	0.001709
22.70985	0.000611	0.000458	0.000534	0.000932
22.71222	0	0.003512	0.001145	0.003694
22.71458	-0.00183	0.003512	0.000534	0.003998
22.71694	-0.00183	0.002291	0.001756	0.003419
22.71931	-0.00183	0.002291	0.000534	0.002982
22.72167	-0.00244	-0.00076	-7.6E-05	0.002561
22.72403	0	0.00168	0.000534	0.001763
22.72639	0.001222	0.002291	0.002367	0.003513
22.72876	-0.00122	0.002291	0.001145	0.002838
22.73112	-0.00183	0.000458	0.000534	0.001963
22.73348	-0.00183	0.00168	0.002367	0.003433
22.73585	-0.00244	0.003512	-0.00191	0.004685
22.73821	-0.00122	0.002291	0.000534	0.002651
22.74057	-0.00183	0.00168	0.000534	0.002543
22.74293	-0.00244	-0.00015	0.001145	0.002703

22.7453	-0.00244	-0.00076	0.001145	0.002804
22.74766	-0.00122	0.00168	0.001756	0.00272
22.75002	-0.00122	-0.00015	0.001756	0.002145
22.75239	-0.00122	0.001069	0.001145	0.001987
22.75475	-0.00183	0.001069	0.000534	0.002188
22.75711	-0.00305	0.000458	0.001145	0.003294
22.75947	-0.00183	-0.00076	0.002367	0.003089
22.76184	-0.00122	0.002291	0.001145	0.002838
22.7642	-0.00122	0.000458	0.001145	0.001736
22.76656	-0.00244	0.000458	0.001145	0.002737
22.76893	-0.0055	-0.00382	-7.6E-05	0.006694
22.77129	-0.00183	0.000458	-7.6E-05	0.00189
22.77365	-0.00244	-0.00015	0.000534	0.002506
22.77601	-0.00305	-0.00076	0.000534	0.003193
22.77838	-0.00244	-0.00015	-7.6E-05	0.002449
22.78074	-0.00367	-0.00015	0.000534	0.003707
22.7831	-0.00183	0.000458	-0.00069	0.00201
22.78546	-0.00183	0.000458	0.001145	0.002209
22.78783	-0.00122	-0.00015	0.002367	0.002668
22.79019	-0.00183	0.001069	-0.00069	0.00223
22.79255	-0.00183	0.000458	-0.00069	0.00201
22.79492	-0.00183	0.000458	0.000534	0.001963
22.79728	-0.00061	0.000458	0.001756	0.001915
22.79964	-0.00061	-0.00015	0.001145	0.001307
22.802	-0.00061	0.000458	0.002367	0.002487
22.80437	0.001222	0.000458	0.000534	0.00141
22.80673	0.000611	0.00168	0.001756	0.002506
22.80909	0.001222	-0.00015	0.000534	0.001342
22.81146	-0.00122	-0.00015	0.001145	0.001682
22.81382	-0.00061	0.000458	0.002978	0.003074
22.81618	0.000611	-0.00137	0.002367	0.002804
22.81854	-0.00122	-0.00137	-7.6E-05	0.00184
22.82091	0	-0.00015	0.001145	0.001155
22.82327	-0.00061	-0.00015	0.001756	0.001866
22.82563	0	-0.00015	0.000534	0.000556
22.828	0	0.00168	0.000534	0.001763
22.83036	-0.00122	0.00168	0.001756	0.00272
22.83272	-0.00122	0.001069	0.000534	0.001709
22.83508	-0.00122	0.000458	0.001145	0.001736
22.83745	-0.00183	-0.00076	0.001145	0.002292
22.83981	-0.00183	-0.00076	0.001145	0.002292
22.84217	-0.00122	0.000458	0.001145	0.001736
22.84454	-0.00183	-0.00137	0.002367	0.003294
22.8469	-0.00367	-0.00076	0.001756	0.004135
22.84926	-0.00244	0.001069	0.001145	0.002903
22.85162	-0.00244	0.000458	-0.00069	0.002579
22.85399	-0.00244	0.000458	-7.6E-05	0.002487
22.85635	-0.00367	-0.00015	0.001145	0.003843
22.85871	-0.00367	0.001069	0.001145	0.003986
22.86108	-0.00122	-0.00137	0.000534	0.001915
22.86344	-0.00061	0.000458	0.002367	0.002487
22.8658	-0.00183	0.001069	-0.00069	0.00223

22.86816	-0.00183	0.001069	0.001145	0.002411
22.87053	-0.00244	0.001069	0.002978	0.003998
22.87289	-0.00305	-0.00015	0.001145	0.003265
22.87525	-0.00244	-0.00015	0.001145	0.002703
22.87761	-0.00183	0.00168	0.001756	0.003044
22.87998	-0.00428	0.002902	0.000534	0.005195
22.88234	-0.00367	0.00168	0.001145	0.004191
22.8847	-0.00489	0.001069	0.000534	0.005031
22.88707	-0.00367	0.002902	-7.6E-05	0.004675
22.88943	-0.00244	0.00168	0.000534	0.003013
22.89179	-0.00305	0.000458	0.000534	0.003134
22.89415	-0.00428	-0.00015	-7.6E-05	0.004279
22.89652	-0.00428	0.001069	0.000534	0.00444
22.89888	-0.00367	0.002291	0.000534	0.004355
22.90124	-0.00428	0.000458	0.001756	0.004645
22.90361	-0.00428	0.000458	0.001756	0.004645
22.90597	-0.00305	0.00168	0.002367	0.004213
22.90833	-0.00305	0.000458	0.002367	0.003891
22.91069	-0.00305	0.00168	0.001145	0.003669
22.91306	-0.00183	0.001069	0.001145	0.002411
22.91542	-0.00305	0.000458	0.001145	0.003294
22.91778	-0.00305	-0.00137	0.001756	0.003782
22.92015	-0.0055	0.000458	0.001756	0.005789
22.92251	-0.00367	0.002291	0.000534	0.004355
22.92487	-0.00305	-0.00015	0.002367	0.003867
22.92723	-0.00672	-0.00199	0.0042	0.008169
22.9296	-0.00611	0.000458	-7.6E-05	0.006126
22.93196	-0.00611	0.00168	0.003589	0.007281
22.93432	-0.00305	-0.00076	0.002367	0.003939
22.93669	-0.00428	-0.00199	0.001756	0.005031
22.93905	-0.00244	-0.00015	0.002367	0.003405
22.94141	-0.00489	0.00168	0.001145	0.005293
22.94377	-0.00489	0.000458	0.000534	0.004937
22.94614	-0.00428	0.000458	0.002367	0.004909
22.9485	-0.00367	0.001069	0.001756	0.004202
22.95086	-0.00367	0.001069	0.001756	0.004202
22.95323	-0.00489	-0.00015	0.001756	0.005195
22.95559	-0.00489	-0.00076	0.001145	0.005077
22.95795	-0.00183	-0.00137	0.000534	0.002352
22.96031	-0.00244	-0.0026	0.002978	0.004645
22.96268	-0.00061	-0.00076	0.001756	0.00201
22.96504	0	-0.00137	0.001145	0.001789
22.9674	-0.00061	-0.00076	0.001756	0.00201
22.96976	-0.00061	-0.00015	0.002367	0.002449
22.97213	-0.00061	0.001069	0.002367	0.002668
22.97449	-0.00183	-0.00015	0.002978	0.0035
22.97685	-0.00244	-0.00015	0.002978	0.003855
22.97922	-0.00244	0.00168	0.000534	0.003013
22.98158	-0.00244	-0.00076	-0.00191	0.003193
22.98394	-0.00183	-0.00015	-0.00496	0.005293
22.9863	-0.00244	0.00168	-0.00557	0.006314
22.98867	-0.00183	0.002291	-0.00741	0.007966

22.99103	-0.00183	0.001069	-0.00802	0.008293
22.99339	-0.00183	0.002902	-0.00741	0.008163
22.99576	-0.00061	0.002291	-0.0068	0.007197
22.99812	0.001222	0.00168	-0.00924	0.00947
23.00048	-0.00122	0.002902	-0.00863	0.009185
23.00284	-0.00305	0.000458	-0.00802	0.008592
23.00521	-0.00183	0.001069	-0.00924	0.00948
23.00757	-0.00183	0.001069	-0.0068	0.007119
23.00993	-0.00489	0.003512	-0.00618	0.00863
23.0123	-0.00367	0.002902	-0.00496	0.006818
23.01466	-0.00367	0.00168	-0.00374	0.0055
23.01702	-0.00428	0.00168	-0.00252	0.00524
23.01938	-0.00183	0.002291	-0.00313	0.00429
23.02175	-0.00061	-0.00015	-0.00191	0.00201
23.02411	-0.00244	-0.00015	-0.00313	0.003974
23.02647	-0.00122	0.00168	-0.0013	0.002449
23.02884	-0.00122	0.000458	0.000534	0.00141
23.0312	-0.00183	-0.00076	0.001145	0.002292
23.03356	-0.00244	0.002902	0.000534	0.003831
23.03592	-0.00244	0.00168	0.001756	0.003446
23.03829	-0.00367	0.00168	0.002367	0.004675
23.04065	-0.00489	0.002291	0.005421	0.00765
23.04301	-0.0055	0.002291	0.010919	0.012438
23.04538	-0.00672	0.002291	0.009086	0.011531
23.04774	-0.00428	0.00168	0.006032	0.007582
23.0501	-0.00305	-0.0026	0.003589	0.00538
23.05246	-0.00244	-0.00199	0.001756	0.003605
23.05483	-0.00367	0.000458	0.001145	0.003867
23.05719	-0.00489	0.001069	-0.00313	0.005901
23.05955	-0.00305	0.000458	-0.00435	0.005337
23.06191	-0.00305	0.000458	-0.00252	0.003986
23.06428	-0.00305	0.001069	-0.00618	0.00698
23.06664	-0.00244	0.001069	-0.00618	0.006735
23.069	-0.00183	0.002291	-0.00924	0.009694
23.07137	-0.00183	0.002291	-0.01107	0.011454
23.07373	-0.00305	0.002291	-0.00557	0.006756
23.07609	-0.00305	0.004123	-0.00313	0.006011
23.07845	-0.00122	0.004734	-0.00191	0.005249
23.08082	-0.00244	0.002902	-0.00496	0.006247
23.08318	-0.00183	-0.00015	-0.00924	0.00942
23.08554	-0.00183	0.000458	-0.00985	0.010029
23.08791	-0.00061	0.000458	-0.00863	0.008662
23.09027	-0.00061	0.001069	-0.01046	0.010533
23.09263	-0.00244	0.00168	-0.01107	0.011462
23.09499	-0.00428	0.000458	-0.01413	0.014766
23.09736	-0.00305	0.001069	-0.01351	0.013897
23.09972	-0.00367	0.002291	-0.00985	0.010756
23.10208	-0.00428	0.002902	-0.01046	0.011667
23.10445	-0.00305	0.003512	-0.01229	0.013145
23.10681	-0.00122	0.002291	-0.01535	0.015566
23.10917	-0.00061	0.001069	-0.01657	0.016615
23.11153	-0.00122	-0.00015	-0.01474	0.014788

23.1139	0.000611	0.00168	-0.01596	0.016058
23.11626	0.002443	0.002291	-0.01901	0.019305
23.11862	0.000611	0.001069	-0.01657	0.016615
23.12099	0	0.004123	-0.01779	0.018262
23.12335	0.000611	0.005956	-0.01779	0.018771
23.12571	0.001833	0.003512	-0.02023	0.020618
23.12807	0.003054	-0.00015	-0.02512	0.025307
23.13044	0.003665	0.000458	-0.02756	0.027811
23.1328	0.003665	0.00168	-0.02573	0.026046
23.13516	0.003665	0.002902	-0.02818	0.02856
23.13753	0.003054	0.000458	-0.03123	0.031382
23.13989	0.002443	0.000458	-0.02818	0.028285
23.14225	0.001222	0.001069	-0.02573	0.025783
23.14461	0.001833	0.002902	-0.0184	0.018719
23.14698	0.001222	0.003512	-0.01351	0.014017
23.14934	-0.00122	0.003512	-0.0068	0.007747
23.1517	-0.00183	0.002902	-0.00435	0.005543
23.15406	-0.00428	0.005345	-0.00374	0.007801
23.15643	-0.00183	0.009621	-0.00802	0.012657
23.15879	-0.00305	0.011453	-0.00985	0.015412
23.16115	-0.00122	0.011453	-0.0129	0.017297
23.16352	0.000611	0.011453	-0.01657	0.020152
23.16588	0.002443	0.009621	-0.0239	0.025879
23.16824	0.001833	0.006567	-0.03062	0.031369
23.1706	0.001222	0.002291	-0.03673	0.036819
23.17297	0.000611	0.002291	-0.041	0.041072
23.17533	0	0.00168	-0.04711	0.047142
23.17769	-0.00244	-0.00015	-0.05811	0.058158
23.18006	-0.00794	-0.00504	-0.06422	0.0649
23.18242	-0.01527	-0.00687	-0.06788	0.069916
23.18478	-0.02199	-0.00382	-0.06177	0.065681
23.18714	-0.03115	-0.00748	-0.04711	0.056974
23.18951	-0.03787	-0.00626	-0.02268	0.044585
23.19187	-0.04276	-0.00015	-0.00435	0.042981
23.19423	-0.04398	0.002291	0.005421	0.044373
23.1966	-0.03971	0.005956	0.009086	0.041165
23.19896	-0.03482	0.009621	0.013362	0.038515
23.20132	-0.02199	0.006567	0.016417	0.028217
23.20368	-0.011	-0.00199	0.016417	0.019858
23.20605	0.001222	-0.00748	0.019471	0.020895
23.20841	0.012217	-0.00382	0.031077	0.03361
23.21077	0.02138	0.007788	0.050624	0.055503
23.21314	0.021991	0.004123	0.072614	0.075983
23.2155	0.017715	-0.0197	0.094605	0.098245
23.21786	0.023823	-0.01481	0.117817	0.121111
23.22022	0.030542	-0.00199	0.143473	0.146701
23.22259	0.037262	-0.00321	0.155079	0.159525
23.22495	0.038483	-0.02398	0.150803	0.157472
23.22731	0.03604	-0.0307	0.139808	0.147605
23.22968	0.030542	-0.02275	0.130034	0.135497
23.23204	0.02138	-0.00626	0.121482	0.123508
23.2344	0.021991	0.002902	0.107433	0.109699

23.23676	0.031764	-0.0087	0.115985	0.12057
23.23913	0.037873	-0.02398	0.145305	0.152062
23.24149	0.0507	-0.05452	0.198449	0.211955
23.24385	0.066582	-0.06918	0.233878	0.25282
23.24621	0.083075	-0.09117	0.226548	0.257948
23.24858	0.10079	-0.10949	0.225326	0.270036
23.25094	0.127056	-0.09056	0.225326	0.274073
23.2533	0.124002	-0.05452	0.224715	0.262385
23.25567	0.073913	-0.00748	0.217996	0.230307
23.25803	-0.01588	0.032222	0.205779	0.208891
23.26039	-0.12461	0.06704	0.181956	0.230501
23.26275	-0.21991	0.103691	0.16302	0.292721
23.26512	-0.30054	0.087809	0.152635	0.348325
23.26748	-0.33963	0.082312	0.153246	0.381587
23.26984	-0.33291	0.108578	0.15569	0.383222
23.27221	-0.28771	0.126293	0.149581	0.347996
23.27457	-0.21624	0.092085	0.140419	0.273782
23.27693	-0.13316	0.038942	0.136753	0.19481
23.27929	-0.06475	-0.01481	0.133088	0.148743
23.28166	-0.01161	-0.03864	0.131256	0.137315
23.28402	0.018325	-0.03619	0.128202	0.134467
23.28638	0.024434	-0.03375	0.137364	0.143544
23.28875	0.001833	-0.00565	0.142251	0.142375
23.29111	-0.03604	0.04505	0.140419	0.151808
23.29347	-0.07575	0.076203	0.125758	0.165407
23.29583	-0.11117	0.087198	0.102546	0.174582
23.2982	-0.13561	0.095139	0.072004	0.180626
23.30056	-0.15393	0.111021	0.048791	0.195964
23.30292	-0.15516	0.137288	0.037185	0.210485
23.30529	-0.15027	0.104302	0.031077	0.185541
23.30765	-0.14477	0.037109	0.039018	0.154461
23.31001	-0.13378	0.00901	0.06223	0.147816
23.31237	-0.09468	0.029168	0.09094	0.134482
23.31474	-0.03787	0.041385	0.113541	0.126644
23.3171	0.032375	0.035276	0.125147	0.133994
23.31946	0.104455	0.027946	0.115985	0.158569
23.32183	0.140495	0.035276	0.089718	0.17039
23.32419	0.128889	0.071316	0.04024	0.152701
23.32655	0.076356	0.081701	-0.02634	0.114888
23.32891	0.006719	0.049326	-0.07582	0.090703
23.33128	-0.06903	0.027946	-0.09354	0.11956
23.33364	-0.14294	0.062765	-0.0294	0.158855
23.336	-0.20647	0.14584	0.096438	0.270551
23.33836	-0.25411	0.166609	0.207001	0.36767
23.34073	-0.25472	0.108578	0.265031	0.383295
23.34309	-0.20097	0.050548	0.277248	0.346136
23.34545	-0.1069	0.027335	0.304126	0.323523
23.34782	0.008552	0.013286	0.331003	0.33138
23.35018	0.113618	-0.00504	0.339555	0.358095
23.35254	0.182032	-0.03497	0.342609	0.389538
23.3549	0.210131	-0.06612	0.351772	0.415055
23.35727	0.191195	-0.08384	0.368875	0.423856

23.35963	0.150879	-0.07162	0.348107	0.386099
23.36199	0.094681	-0.02275	0.337111	0.350894
23.36436	0.025656	0.029779	0.333446	0.335755
23.36672	-0.05314	0.058489	0.348717	0.35756
23.36908	-0.10262	0.034055	0.371319	0.386741
23.37144	-0.12339	0.004123	0.416521	0.434434
23.37381	-0.13011	-0.02275	0.446453	0.465582
23.37617	-0.12583	0.006567	0.455616	0.472719
23.37853	-0.11056	0.032833	0.469054	0.483026
23.3809	-0.06231	-0.01115	0.463557	0.467858
23.38326	-0.02321	-0.00382	0.449507	0.450122
23.38562	-0.00061	0.020005	0.436069	0.436528
23.38798	0.012828	-0.01054	0.418354	0.418683
23.39035	0.02871	-0.05146	0.400639	0.40495
23.39271	0.04337	-0.04841	0.382314	0.3878
23.39507	0.047646	-0.01359	0.355437	0.358873
23.39744	0.039705	0.005956	0.320008	0.322516
23.3998	0.024434	-0.00321	0.285189	0.286252
23.40216	0.005498	-0.0142	0.2351	0.235593
23.40452	-0.00733	-0.00932	0.168517	0.168934
23.40689	-0.01527	0.010843	0.093994	0.095842
23.40925	-0.01038	0.025503	0.049402	0.056558
23.41161	0.000611	0.008399	0.046959	0.047708
23.41398	0.011606	-0.03741	0.04024	0.056158
23.41634	0.024434	-0.06185	0.001145	0.06651
23.4187	0.032986	-0.04841	-0.04528	0.074039
23.42106	0.032375	-0.01603	-0.09659	0.103126
23.42343	0.020158	0.009621	-0.15279	0.154412
23.42579	0.003665	0.01634	-0.19494	0.195655
23.42815	-0.01283	0.010232	-0.21998	0.220592
23.43051	-0.02932	0.005956	-0.23281	0.234724
23.43288	-0.03726	0.009621	-0.24564	0.248633
23.43524	-0.03971	0.021227	-0.25908	0.262959
23.4376	-0.04032	0.031	-0.28046	0.285029
23.43997	-0.03726	0.031	-0.30611	0.309925
23.44233	-0.03421	0.021227	-0.32871	0.331168
23.44469	-0.03115	0.018784	-0.35925	0.361092
23.44705	-0.03543	0.029168	-0.36964	0.372477
23.44942	-0.04642	0.035887	-0.35681	0.361604
23.45178	-0.05009	0.032833	-0.34887	0.353974
23.45414	-0.02871	0.036498	-0.34704	0.350131
23.45651	-0.00672	0.012064	-0.32688	0.327171
23.45887	0.024434	-0.05146	-0.30245	0.307764
23.46123	0.067193	-0.13026	-0.29267	0.327323
23.46359	0.11545	-0.1773	-0.2884	0.357681
23.46596	0.15882	-0.18341	-0.28717	0.37594
23.46832	0.195471	-0.16691	-0.30245	0.396916
23.47068	0.177146	-0.07895	-0.33726	0.389051
23.47305	0.121559	0.018784	-0.34459	0.365889
23.47541	0.042759	0.056656	-0.3226	0.33032
23.47777	-0.04215	0.064597	-0.28595	0.296173
23.48013	-0.11789	0.076203	-0.25785	0.293589

23.4825	-0.15699	0.089031	-0.25419	0.311743
23.48486	-0.15088	0.089642	-0.26396	0.31698
23.48722	-0.10751	0.062765	-0.27801	0.304612
23.48959	-0.04032	0.015729	-0.28534	0.288605
23.49195	0.046424	-0.03253	-0.28656	0.292116
23.49431	0.120948	-0.05635	-0.28595	0.315552
23.49667	0.181422	-0.04963	-0.28046	0.337687
23.49904	0.226624	-0.04841	-0.27618	0.360523
23.5014	0.23823	-0.06612	-0.26946	0.365698
23.50376	0.214407	-0.09728	-0.25785	0.349173
23.50613	0.167983	-0.08811	-0.2377	0.304108
23.50849	0.110563	-0.04963	-0.21815	0.249552
23.51085	0.058641	-0.00382	-0.20471	0.212978
23.51321	0.023212	0.023059	-0.1986	0.201279
23.51558	0.001222	0.024281	-0.18883	0.190387
23.51794	0.001833	0.007177	-0.18883	0.188973
23.5203	0.012828	-0.00932	-0.18761	0.188275
23.52266	0.040927	-0.0252	-0.18333	0.189526
23.52503	0.078188	-0.03558	-0.176	0.195846
23.52739	0.117283	-0.03192	-0.16256	0.202978
23.52975	0.144771	-0.02581	-0.14851	0.208999
23.53212	0.154544	-0.03619	-0.13324	0.207237
23.53448	0.145992	-0.05757	-0.11186	0.192721
23.53684	0.124613	-0.05513	-0.08559	0.160916
23.5392	0.102011	-0.03131	-0.06299	0.123914
23.54157	0.081243	-0.01176	-0.03856	0.090695
23.54393	0.068415	-0.01359	-0.01962	0.07246
23.54629	0.075745	-0.03192	-0.01351	0.083299
23.54866	0.122169	-0.06063	0.006032	0.136519
23.55102	0.205245	-0.11133	0.02619	0.234957
23.55338	0.255945	-0.09728	0.03352	0.275852
23.55574	0.210131	0.028557	0.01886	0.2129
23.55811	0.098957	0.09575	0.04085	0.143629
23.56047	-0.0171	0.076203	0.079334	0.111325
23.56283	-0.11545	0.062154	0.11293	0.173046
23.5652	-0.18936	0.095139	0.144084	0.256261
23.56756	-0.23395	0.129958	0.160576	0.312103
23.56992	-0.24984	0.098805	0.163631	0.314572
23.57228	-0.21257	0.041385	0.159966	0.269239
23.57465	-0.12156	0.016951	0.154468	0.197292
23.57701	-0.00794	-0.00565	0.145916	0.146241
23.57937	0.097125	-0.04474	0.142251	0.177962
23.58174	0.164929	-0.07162	0.135532	0.225167
23.5841	0.197915	-0.05513	0.133088	0.244789
23.58646	0.190584	-0.0307	0.137364	0.236925
23.58882	0.145382	-0.02336	0.147138	0.208162
23.59119	0.091627	-0.01298	0.152635	0.178498
23.59355	0.033597	0.018173	0.15569	0.160307
23.59591	-0.01649	0.03039	0.15569	0.159483
23.59828	-0.05192	0.026725	0.15569	0.166281
23.60064	-0.06719	0.029168	0.145305	0.162725
23.603	-0.0562	0.021838	0.145305	0.157317

23.60536	-0.03421	-0.00932	0.143473	0.147788
23.60773	0	-0.01909	0.138586	0.139894
23.61009	0.042148	-0.0026	0.134921	0.141375
23.61245	0.078799	0.002291	0.133699	0.15521
23.61481	0.102622	-0.01237	0.123926	0.161375
23.61718	0.111174	-0.01237	0.125147	0.167853
23.61954	0.098346	0.009621	0.133088	0.165762
23.6219	0.087962	0.025503	0.127591	0.157058
23.62427	0.092849	0.02367	0.116595	0.150916
23.62663	0.074523	-0.05085	0.1056	0.138893
23.62899	0.054365	-0.07895	0.098881	0.137719
23.63135	0.042759	-0.02031	0.089107	0.100901
23.63372	0.01466	0.041385	0.07628	0.088013
23.63608	-0.01527	0.010843	0.06956	0.072037
23.63844	-0.01955	-0.03497	0.060398	0.072477
23.64081	-0.00489	-0.00809	0.056122	0.056912
23.64317	0.005498	0.028557	0.057954	0.064841
23.64553	0.015271	0.009621	0.052457	0.055475
23.64789	0.030542	-0.01665	0.039018	0.052271
23.65026	0.048868	-0.01176	0.027412	0.057252
23.65262	0.062306	0.004123	0.020082	0.065592
23.65498	0.063528	-0.0026	0.012141	0.06473
23.65735	0.056809	-0.01176	0.005421	0.058266
23.65971	0.048257	-0.00809	-0.00374	0.049074
23.66207	0.037873	-0.00076	-0.01229	0.039825
23.66443	0.02871	-0.00504	-0.02573	0.038882
23.6668	0.017715	-0.00382	-0.03306	0.037703
23.66916	0.008552	0.003512	-0.041	0.042032
23.67152	0.004887	0.004734	-0.041	0.041564
23.67389	0.003054	0.000458	-0.04833	0.048432
23.67625	0.003054	0.001069	-0.05444	0.054538
23.67861	0.003665	0.002291	-0.05811	0.058267
23.68097	0.004276	0.001069	-0.0575	0.057665
23.68334	0.005498	-0.00137	-0.05261	0.052914
23.6857	0.004887	-0.00015	-0.04772	0.047972
23.68806	0.003054	-0.00137	-0.04039	0.040531
23.69043	-0.00122	-0.00015	-0.03001	0.030033
23.69279	-0.00672	0.001069	-0.01962	0.02077
23.69515	-0.01283	0.00168	-0.01351	0.018709
23.69751	-0.01466	0.00168	-0.01413	0.020428
23.69988	-0.01466	0.004123	-0.01657	0.022505
23.70224	-0.01466	0.005345	-0.01718	0.023209
23.7046	-0.01588	0.004123	-0.02146	0.027011
23.70696	-0.01649	0.001069	-0.02573	0.030583
23.70933	-0.0171	-0.00015	-0.03001	0.03454
23.71169	-0.01588	0.000458	-0.03551	0.038898
23.71405	-0.01466	0.000458	-0.04161	0.044123
23.71642	-0.01588	0.002291	-0.0465	0.049192
23.71878	-0.01833	0.002902	-0.05383	0.056939
23.72114	-0.01894	0.003512	-0.05627	0.059479
23.7235	-0.01894	0.00168	-0.06055	0.063464
23.72587	-0.02138	0.001069	-0.06544	0.068849

23.72823	-0.02321	0.000458	-0.07155	0.075218
23.73059	-0.02504	0.001069	-0.0746	0.078699
23.73296	-0.02504	0.001069	-0.07521	0.079278
23.73532	-0.02566	0.002902	-0.07643	0.080675
23.73768	-0.02688	0.002902	-0.07888	0.08338
23.74004	-0.02504	0.00168	-0.0801	0.083938
23.74241	-0.02138	0.001069	-0.07888	0.081729
23.74477	-0.01894	0.002291	-0.0801	0.082337
23.74713	-0.01466	0.00168	-0.07765	0.079044
23.7495	-0.01405	0.003512	-0.07765	0.078993
23.75186	-0.01222	0.002291	-0.0746	0.075628
23.75422	-0.01161	0.002291	-0.07155	0.072517
23.75658	-0.01283	0.002291	-0.07338	0.074526
23.75895	-0.01161	0.002291	-0.07277	0.073723
23.76131	-0.00916	0.00168	-0.07093	0.071544
23.76367	-0.00977	0.002902	-0.06666	0.067434
23.76604	-0.00977	0.004123	-0.06238	0.063278
23.7684	-0.00916	0.004734	-0.05811	0.059015
23.77076	-0.00977	0.004734	-0.05261	0.053718
23.77312	-0.00977	0.004734	-0.0465	0.047752
23.77549	-0.00672	0.003512	-0.04284	0.043501
23.77785	-0.00489	0.004734	-0.03612	0.036752
23.78021	-0.0055	0.007177	-0.02879	0.030173
23.78258	-0.00428	0.004734	-0.02085	0.021799
23.78494	0	0.004123	-0.01535	0.015892
23.7873	0.001222	0.004734	-0.00741	0.008875
23.78966	0.000611	0.002902	-0.00252	0.003891
23.79203	0.004276	0.00168	-0.00069	0.004645
23.79439	0.004887	0.002291	0.001145	0.005517
23.79675	0.003665	0.002291	0.001756	0.004665
23.79911	0.003665	0.00168	0.001756	0.004398
23.80148	0.004887	0.001069	0.001756	0.005302
23.80384	0.006108	0.002902	0.000534	0.006784
23.8062	0.001833	0.00168	0.001145	0.002737
23.80857	0.004276	0.001069	-7.6E-05	0.004408
23.81093	0.003665	0.000458	0.002367	0.004387
23.81329	0.003054	0.002291	0.001756	0.004202
23.81565	0.003665	0.00168	0.001756	0.004398
23.81802	0.004887	0.002291	0.001756	0.005676
23.82038	0.006719	0.002291	0.001756	0.007313
23.82274	0.00733	0.001069	0.001756	0.007613
23.82511	0.009163	0.001069	0.003589	0.009898
23.82747	0.009163	0.00168	0.001756	0.00948
23.82983	0.009774	0.00168	0.002367	0.010195
23.83219	0.009163	0.001069	0.002367	0.009524
23.83456	0.00733	0.000458	0.002367	0.007716
23.83692	0.006719	-0.00137	0.001756	0.00708
23.83928	0.00733	-0.0026	0.002367	0.008129
23.84165	0.008552	-0.00137	0.002367	0.008979
23.84401	0.008552	-0.00137	0.000534	0.008678
23.84637	0.005498	-0.00076	-0.0013	0.0057
23.84873	0.004276	0.000458	-0.00191	0.004705

23.8511	0.004887	0.000458	0.000534	0.004937
23.85346	0.006108	-0.00199	-0.00069	0.00646
23.85582	0.004276	-0.00076	0.001145	0.004492
23.85819	0.003054	-0.00076	0.001145	0.00335
23.86055	0.002443	-0.00076	0.000534	0.002615
23.86291	0.000611	0.000458	0.001145	0.001377
23.86527	-0.00244	-0.00076	0.001145	0.002804
23.86764	-0.00122	-0.00137	0.001756	0.002543
23.87	-0.00244	0.001069	-0.00069	0.002754
23.87236	-0.00305	0.000458	-0.0013	0.00335
23.87473	-0.00428	-0.00076	-0.00191	0.004745
23.87709	-0.00367	0.000458	0.001145	0.003867
23.87945	-0.00489	-0.00015	-0.00069	0.004937
23.88181	-0.0055	0.001069	-7.6E-05	0.005601
23.88418	-0.00672	-0.00015	0.002367	0.007126
23.88654	-0.00794	-0.00015	0.001145	0.008025
23.8889	-0.00855	0.00168	0.000534	0.008732
23.89126	-0.00794	0.000458	0.000534	0.007972
23.89363	-0.00855	0.001069	0.001756	0.008796
23.89599	-0.01038	0.002291	-7.6E-05	0.010634
23.89835	-0.01161	0.001069	0.000534	0.011667
23.90072	-0.01161	0.001069	-7.6E-05	0.011655
23.90308	-0.01038	0.001069	-0.00069	0.010462
23.90544	-0.00916	0.000458	0.000534	0.00919
23.9078	-0.00977	0.001069	-0.00069	0.009856
23.91017	-0.00977	0.001069	0.002367	0.010113
23.91253	-0.00977	0.000458	-7.6E-05	0.009785
23.91489	-0.00672	0.00168	-0.0013	0.007047
23.91726	-0.00672	0.001069	0.000534	0.006825
23.91962	-0.00611	0.000458	0.000534	0.006149
23.92198	-0.00489	0.000458	-0.00069	0.004956
23.92434	-0.00305	0.00168	-0.0013	0.00372
23.92671	-0.00428	0.001069	0.001145	0.004554
23.92907	-0.00367	0.001069	0.001145	0.003986
23.93143	-0.00183	0.001069	-0.00069	0.00223
23.9338	-0.00367	0.002902	-7.6E-05	0.004675
23.93616	-0.00428	0.00168	-0.00069	0.004645
23.93852	-0.00367	0.002902	-0.00069	0.004725
23.94088	-0.0055	0.00168	0.000534	0.005773
23.94325	-0.00428	0.002902	0.002367	0.005684
23.94561	-0.00305	0.001069	0.000534	0.00328
23.94797	-0.00122	0.002291	-0.00069	0.002686
23.95034	-0.00244	0.002902	0.000534	0.003831
23.9527	-0.00061	0.002291	0.001756	0.00295
23.95506	-0.00061	0.002291	-7.6E-05	0.002372
23.95742	-0.00244	0.00168	-0.0013	0.003237
23.95979	-0.00061	0.001069	-0.00069	0.00141
23.96215	0.000611	0.001069	0.001145	0.001682
23.96451	0.003054	-0.00015	0.001756	0.003526
23.96688	0.001222	-0.00015	0.001756	0.002145
23.96924	0	0.000458	0.002978	0.003013
23.9716	0.000611	0.001069	0.002978	0.003222

23.97396	-0.00183	-0.00015	0.003589	0.004032
23.97633	-0.00183	0.002291	0.001756	0.003419
23.97869	-0.00061	0.002902	0.002367	0.003794
23.98105	-0.00244	0.001069	0.002978	0.003998
23.98342	-0.00244	0.002291	0.000534	0.003392
23.98578	0	0.002291	0.001145	0.002561
23.98814	0.001222	0.001069	0.001145	0.001987
23.9905	0.000611	0.000458	0.000534	0.000932
23.99287	0.001833	0.002291	0.001145	0.003149
23.99523	-0.00061	0.001069	0.001145	0.001682
23.99759	0	0.00168	0.001145	0.002033
23.99995	0.001222	0.000458	0.001756	0.002188
24.00232	0.000611	-0.00076	0.001145	0.001506
24.00468	0.001222	0.000458	0.000534	0.00141
24.00704	0	0.001069	0.001145	0.001567
24.00941	0	0.000458	0.001145	0.001234
24.01177	-0.00061	-0.00015	0.001145	0.001307
24.01413	0.001222	-0.00015	-7.6E-05	0.001234
24.01649	-0.00061	0.000458	0.001756	0.001915
24.01886	-0.00061	0.000458	-7.6E-05	0.000767
24.02122	0	0.001069	0.001145	0.001567
24.02358	0.002443	0.000458	0.001756	0.003044
24.02595	0.003054	0.002291	-0.0013	0.004032
24.02831	0.001833	0.000458	0.001145	0.002209
24.03067	0.001222	0.001069	0.000534	0.001709
24.03303	0.001222	0.00168	0.000534	0.002145
24.0354	0.001833	0.000458	-0.0013	0.002292
24.03776	0.001833	-0.00015	-0.00069	0.001963
24.04012	0.001833	0.00168	-0.00069	0.002579
24.04249	0.002443	0.002291	0.000534	0.003392
24.04485	0.001833	0.001069	-0.00069	0.00223
24.04721	0.003665	0.002291	-0.0013	0.004513
24.04957	0.003665	0.001069	-7.6E-05	0.003819
24.05194	0.003665	0.000458	0.001756	0.00409
24.0543	0.003665	0.000458	0.000534	0.003732
24.05666	0.003054	0.000458	0.000534	0.003134
24.05903	0.003665	0.000458	-0.00191	0.004158
24.06139	0.003054	-0.00015	-7.6E-05	0.003059
24.06375	0.001833	0.001069	-7.6E-05	0.002123
24.06611	0.001222	0.000458	-7.6E-05	0.001307
24.06848	0.000611	0.001069	0.001145	0.001682
24.07084	0.001222	-0.00015	0.001145	0.001682
24.0732	0.001222	0.001069	0.001145	0.001987
24.07557	-0.00061	0.000458	0.000534	0.000932
24.07793	-0.00183	0.000458	-7.6E-05	0.00189
24.08029	-0.00183	-0.00015	-7.6E-05	0.00184
24.08265	-0.00244	-0.00015	0.001145	0.002703
24.08502	-0.00061	-0.00076	0.001145	0.001506
24.08738	-0.00122	-0.00076	0.002978	0.003308
24.08974	-0.00122	0.001069	0.000534	0.001709
24.0921	-0.00061	0.00168	-7.6E-05	0.001789
24.09447	0.000611	-0.00076	0.001145	0.001506

24.09683	-0.00061	-0.00076	0.001756	0.00201
24.09919	0.000611	0.000458	-0.00069	0.001027
24.10156	0	0.000458	0.000534	0.000704
24.10392	-0.00122	0.000458	0.002367	0.002703
24.10628	0	-0.00076	0.001145	0.001377
24.10864	-0.00183	0.000458	-0.0013	0.002292
24.11101	-0.00122	-0.00076	-7.6E-05	0.001443
24.11337	-0.00122	-0.00137	0.002978	0.0035
24.11573	-0.00305	0.000458	0.001756	0.003553
24.1181	-0.00183	0.000458	0.0042	0.004605
24.12046	-0.00244	0.001069	0.000534	0.00272
24.12282	-0.00305	-0.00015	0.001145	0.003265
24.12518	-0.00244	0.001069	-0.00069	0.002754
24.12755	-0.00122	0.001069	0.001145	0.001987
24.12991	-0.00305	0.000458	0.001756	0.003553
24.13227	-0.00183	-0.00015	0.001756	0.002543
24.13464	-0.00244	0.000458	0.000534	0.002543
24.137	-0.00305	0.00168	0.000534	0.003526
24.13936	-0.00428	-0.00076	0.001756	0.004685
24.14172	-0.00367	-0.00015	0.002367	0.004366
24.14409	-0.00489	0.001069	0.002367	0.005534
24.14645	-0.00183	-0.00076	0.001756	0.002651
24.14881	0.002443	0.004123	0.001756	0.005104
24.15118	-0.00122	0.00168	0.002978	0.003631
24.15354	-0.00305	0.002902	0.001756	0.004564
24.1559	-0.00489	0.003512	-0.00191	0.006314
24.15826	-0.00183	0.00168	0.001145	0.002737
24.16063	-0.00183	0.002291	0.000534	0.002982
24.16299	-0.00428	0.00168	0.000534	0.004625
24.16535	-0.00305	-0.00015	0.001145	0.003265
24.16772	-0.00244	0.00168	0.001145	0.003179
24.17008	-0.00305	0.001069	-7.6E-05	0.003237
24.17244	-0.00122	0.00168	0.001145	0.002372
24.1748	-0.00061	0.002902	0.000534	0.003013
24.17717	0	0.00168	0.001145	0.002033
24.17953	0	0.001069	-7.6E-05	0.001072
24.18189	-0.00061	0.00168	-7.6E-05	0.001789
24.18425	-0.00061	0.001069	0.001145	0.001682
24.18662	-0.00061	0.00168	-7.6E-05	0.001789
24.18898	0.000611	0.001069	0.000534	0.001342
24.19134	0.000611	0.001069	0.000534	0.001342
24.19371	0	-0.00076	0.000534	0.000932
24.19607	0.001833	-0.00137	0.001145	0.002561
24.19843	0	-0.00015	0.000534	0.000556
24.20079	0	0.002291	0.001756	0.002886
24.20316	0.000611	0.001069	-7.6E-05	0.001234
24.20552	-0.00061	-0.00015	-7.6E-05	0.000634
24.20788	-0.00122	0.00168	0.001145	0.002372
24.21025	-0.00061	0.001069	0.000534	0.001342
24.21261	0	0.002902	-0.00191	0.003473
24.21497	0.000611	0.000458	0.001145	0.001377
24.21733	0	0.001069	0.001756	0.002056

24.2197	-0.00183	0.001069	-7.6E-05	0.002123
24.22206	-0.00183	0.000458	-7.6E-05	0.00189
24.22442	-0.00183	0.001069	0.001756	0.002754
24.22679	-0.00122	0.002291	0.0042	0.004937
24.22915	-0.00183	0.00168	0.001145	0.002737
24.23151	-0.00122	0.000458	0.002978	0.003251
24.23387	0	-0.00015	0.001756	0.001763
24.23624	-0.00122	0.001069	0.001145	0.001987
24.2386	-0.00122	-0.00015	0.001756	0.002145
24.24096	-0.00183	0.000458	0.001145	0.002209
24.24333	-0.00183	-0.00076	0.002367	0.003089
24.24569	-0.00122	0.000458	0.000534	0.00141
24.24805	-0.00244	-0.00137	0.002367	0.003669
24.25041	-0.00061	0.001069	0.001145	0.001682
24.25278	-0.00183	0.00168	0.000534	0.002543
24.25514	-0.00305	0.002291	0.000534	0.003855
24.2575	0	0.00168	0.000534	0.001763
24.25987	-0.00061	0.00168	-7.6E-05	0.001789
24.26223	-0.00122	0.000458	-0.0013	0.00184
24.26459	-0.00367	0.001069	0.001145	0.003986
24.26695	-0.00183	0.001069	0.001756	0.002754
24.26932	-0.00183	-0.00015	0.002978	0.0035
24.27168	0.001222	-0.00015	0.001756	0.002145
24.27404	0.001222	-0.00015	0.000534	0.001342
24.2764	0	-0.00015	0.001145	0.001155
24.27877	-0.00061	-0.00015	0.001756	0.001866
24.28113	0.000611	0.000458	0.000534	0.000932
24.28349	0.000611	0.00168	0.002367	0.002966
24.28586	0	0.002902	0.001756	0.003392
24.28822	-0.00061	0.001069	0.001145	0.001682
24.29058	0	0.001069	-0.0013	0.001682
24.29294	0.001833	0.00168	0.001145	0.002737
24.29531	0.001222	0.000458	0.001145	0.001736
24.29767	0.000611	0.001069	0.001145	0.001682
24.30003	0	0.001069	-7.6E-05	0.001072
24.3024	0.000611	0.00168	0.000534	0.001866
24.30476	0.001222	0.001069	0.001756	0.002392
24.30712	0.003054	0.002291	0.000534	0.003855
24.30948	0	0.002291	-7.6E-05	0.002292
24.31185	-0.00122	0.001069	0.001145	0.001987
24.31421	0.000611	0.00168	0.002367	0.002966
24.31657	0.000611	0.000458	0.001145	0.001377
24.31894	0.002443	-0.00076	0.001756	0.003104
24.3213	0.000611	-0.00015	0.001145	0.001307
24.32366	0	0.00168	0.001756	0.00243
24.32602	-0.00061	0.002291	-7.6E-05	0.002372
24.32839	-0.00244	0.00168	0.002978	0.004202
24.33075	-0.00183	0.002291	-7.6E-05	0.002934
24.33311	-0.00305	0.002291	-7.6E-05	0.003819
24.33548	-0.00244	0.002291	0.002978	0.004482
24.33784	-0.00428	0.00168	0.001145	0.004735
24.3402	-0.00183	0.002291	0.001756	0.003419

24.34256	-0.00122	0.001069	0.001145	0.001987
24.34493	-0.00183	0.000458	0.001145	0.002209
24.34729	-0.00061	0.00168	-7.6E-05	0.001789
24.34965	-0.00244	0.002291	0.001145	0.00354
24.35202	-0.00244	0.00168	0.001756	0.003446
24.35438	-0.00122	-0.00015	0.001756	0.002145
24.35674	-0.00305	0.00168	0.001756	0.003903
24.3591	-0.00305	0.00168	0.001756	0.003903
24.36147	-0.00428	0.000458	0.001756	0.004645
24.36383	-0.00183	0.001069	0.002367	0.003179
24.36619	-0.00183	0.00168	0.001145	0.002737
24.36855	-0.00244	0.00168	0.001145	0.003179
24.37092	-0.00183	0.002902	0.001756	0.003855
24.37328	-0.00122	0.002902	0.001145	0.00335
24.37564	-0.00061	0.00168	0.002367	0.002966
24.37801	0	0.000458	0.002367	0.002411
24.38037	-0.00183	0.000458	0.000534	0.001963
24.38273	-0.00061	0.000458	0.002367	0.002487
24.38509	-0.00244	0.00168	0.001756	0.003446
24.38746	-0.00122	-0.00015	0.001756	0.002145
24.38982	-0.00244	0.001069	-7.6E-05	0.002668
24.39218	-0.00183	0.001069	-7.6E-05	0.002123
24.39455	-0.00305	0.001069	0.000534	0.00328
24.39691	-0.00428	0.002291	0.001145	0.004984
24.39927	-0.00367	0.00168	-7.6E-05	0.004032
24.40163	-0.00183	-0.00015	0.001145	0.002166
24.404	-0.00244	-0.00076	0.002367	0.003487
24.40636	-0.00244	0.00168	0.001145	0.003179
24.40872	-0.00183	0.002291	0.001756	0.003419
24.41109	-0.00367	0.00168	0.000534	0.004067
24.41345	-0.00244	0.00168	-0.00069	0.003044
24.41581	-0.00061	0.001069	0.001145	0.001682
24.41817	-0.00122	0.003512	-7.6E-05	0.00372
24.42054	-0.00183	0.000458	0.001145	0.002209
24.4229	-0.00244	0.001069	-0.00069	0.002754
24.42526	-0.00183	0.000458	-0.0013	0.002292
24.42763	-0.00183	0.000458	-7.6E-05	0.00189
24.42999	0.000611	0.002902	0.000534	0.003013
24.43235	-0.00061	0.002291	0.000534	0.00243
24.43471	0.000611	0.002902	0.001145	0.003179
24.43708	0.002443	0.001069	0.001145	0.002903
24.43944	0.000611	0.001069	0.001145	0.001682
24.44118	0.001833	0.00168	0.001756	0.003044
24.44417	0	0.002291	0.002367	0.003294
24.44653	0.000611	0.000458	0.002367	0.002487
24.44889	0.001833	0.001069	0.000534	0.002188
24.45125	0.002443	0.002291	-7.6E-05	0.00335
24.45362	0.000611	0.00168	0.002367	0.002966
24.45598	-0.00122	0.001069	0.002978	0.003392
24.45834	0.001222	0.001069	0.001145	0.001987
24.4607	-0.00061	-0.00015	-7.6E-05	0.000634
24.46307	0.001222	0.00168	-7.6E-05	0.002079

24.46543	0.000611	0.000458	0.002367	0.002487
24.46779	0.000611	0.00168	0.001145	0.002123
24.47016	0.000611	0.002291	0.001145	0.002633
24.47252	0.001222	0.00168	0.001145	0.002372
24.47488	-0.00061	0.002291	-7.6E-05	0.002372
24.47724	-0.00122	0.00168	0.001145	0.002372
24.47961	-0.00061	0.002291	0.001145	0.002633
24.48197	0	-0.00137	0.001145	0.001789
24.48433	-0.00122	-0.00076	0.001756	0.002272
24.4867	-0.00122	0.000458	0.001145	0.001736
24.48906	-0.00183	0.001069	0.000534	0.002188
24.49142	-0.00183	-0.00076	-7.6E-05	0.001987
24.49378	-0.00367	-0.00199	0.0042	0.005917
24.49615	-0.00244	-0.0026	0.003589	0.005059
24.49851	-0.00244	-0.00015	0.001145	0.002703
24.50087	-0.00183	-0.00015	0.001756	0.002543
24.50324	-0.00122	-0.00076	0.002367	0.002771
24.5056	-0.00183	-0.00137	0.000534	0.002352
24.50796	-0.00183	0.000458	0.001756	0.002579
24.51032	-0.00061	-0.00015	0.001756	0.001866
24.51269	-0.00061	0.00168	0.001756	0.002506
24.51505	-0.00061	-0.00015	0.002367	0.002449
24.51741	-0.00244	0.00168	0.001756	0.003446
24.51978	0.000611	0.00168	0.001145	0.002123
24.52214	-0.00122	0.000458	0.001145	0.001736
24.5245	-0.00183	0.000458	-7.6E-05	0.00189
24.52686	-0.00122	-0.00015	0.001145	0.001682
24.52923	-0.00244	0.001069	-7.6E-05	0.002668
24.53159	-0.00061	0.00168	0.001756	0.002506
24.53395	0	0.00168	0.001145	0.002033
24.53632	-0.00061	0.000458	0.000534	0.000932
24.53868	0.001222	0.001069	0.000534	0.001709
24.54104	0.000611	0.000458	0.002367	0.002487
24.5434	-0.00061	0.002902	0.001145	0.003179
24.54577	0	0.001069	0.001145	0.001567
24.54813	0	0.000458	0.003589	0.003618
24.55049	0	0.002291	-7.6E-05	0.002292
24.55285	0.000611	0.002291	-7.6E-05	0.002372
24.55522	-0.00061	0.004734	-0.00069	0.004823
24.55758	-0.00122	0.003512	0.001145	0.003891
24.55994	0.000611	0.002291	0.000534	0.00243
24.56231	0.001222	0.000458	-7.6E-05	0.001307
24.56467	0.001833	0.001069	-7.6E-05	0.002123
24.56703	0.000611	0.002291	0.002367	0.00335
24.56939	0.000611	0.002291	0.000534	0.00243
24.57176	0	0.002902	0.001145	0.003119
24.57412	0.000611	0.002291	0.002367	0.00335
24.57648	0	-0.00076	-0.00069	0.001027
24.57885	-0.00183	0.000458	-7.6E-05	0.00189
24.58121	-0.00244	0.000458	0.000534	0.002543
24.58357	-0.00183	0.002291	-0.00069	0.003013
24.58593	-0.00244	0.002291	0.001145	0.00354

24.5883	-0.00122	0.002291	-7.6E-05	0.002597
24.59066	-0.00061	0.001069	0.000534	0.001342
24.59302	0	0.000458	0.000534	0.000704
24.59539	-0.00122	0.001069	0.000534	0.001709
24.59775	0.000611	0.001069	0.000534	0.001342
24.60011	-0.00244	0.000458	0.001145	0.002737
24.60247	-0.00244	-0.00137	0.000534	0.002854
24.60484	0	0.001069	0.001756	0.002056
24.6072	-0.00122	0.00168	-0.0013	0.002449
24.60956	-0.00305	0.000458	0.002367	0.003891
24.61193	-0.00244	-0.00015	0.001756	0.003013
24.61429	-0.00305	0.000458	0.000534	0.003134
24.61665	-0.00244	0.000458	0.001145	0.002737
24.61901	-0.00122	-0.00015	0.001145	0.001682
24.62138	-0.00061	-0.00076	-0.00069	0.001195
24.62374	-0.00244	-0.00015	-7.6E-05	0.002449
24.6261	-0.00183	0.001069	0.001145	0.002411
24.62847	-0.00183	0.00168	0.001756	0.003044
24.63083	-0.00122	0.002291	0.000534	0.002651
24.63319	-0.00061	0.000458	-7.6E-05	0.000767
24.63555	-0.00183	-0.00015	-7.6E-05	0.00184
24.63792	-0.00244	0.000458	-7.6E-05	0.002487
24.64028	-0.00061	0.000458	-0.00069	0.001027
24.64264	-0.00061	0.001069	0.000534	0.001342
24.64501	0	-0.00015	0.001756	0.001763
24.64737	-0.00122	0.000458	0.000534	0.00141
24.64973	0	0.000458	-7.6E-05	0.000464
24.65209	-0.00061	0.00168	-7.6E-05	0.001789
24.65446	-0.00122	0.002291	0.001145	0.002838
24.65682	-0.00122	0.001069	-0.0013	0.002079
24.65918	-0.00122	0.002291	0.000534	0.002651
24.66154	-0.00183	0.001069	0.000534	0.002188
24.66391	0.000611	0.001069	0.000534	0.001342
24.66627	0.000611	0.000458	0.001145	0.001377
24.66863	0.001833	0.001069	0.000534	0.002188
24.671	-0.00122	0.001069	-0.00069	0.001763
24.67336	0	0.001069	-0.00069	0.001271
24.67572	0.002443	0.00168	0.001756	0.003446
24.67808	0.001833	0.001069	-7.6E-05	0.002123
24.68045	0.000611	0.000458	-0.0013	0.001506
24.68281	0.001833	0.001069	-0.00191	0.002854
24.68517	0.001833	0.00168	0.000534	0.002543
24.68754	0	0.00168	0.001145	0.002033
24.6899	-0.00061	0.00168	0.003589	0.004009
24.69226	-0.00061	0.00168	0.002978	0.003473
24.69462	0	0.00168	0.001145	0.002033
24.69699	-0.00061	0.00168	0.001145	0.002123
24.69935	0	0.00168	0.001145	0.002033
24.70171	-0.00061	0.00168	0.003589	0.004009
24.70408	-0.00122	0.001069	0.003589	0.003939
24.70644	-0.00122	0.000458	0.001756	0.002188
24.7088	0	-0.00015	-0.00069	0.000704

24.71116	0	0.002291	-7.6E-05	0.002292
24.71353	-0.00061	0.001069	0.000534	0.001342
24.71589	-0.00122	0.002902	0.000534	0.003193
24.71825	-0.00061	0.001069	0.001756	0.002145
24.72062	-0.00305	-0.00076	0.002367	0.003939
24.72298	-0.00183	0.001069	0.002367	0.003179
24.72534	-0.00305	0.000458	0.001145	0.003294
24.7277	-0.00183	-0.00137	0.002367	0.003294
24.73007	-0.00061	0.000458	0.001756	0.001915
24.73243	-0.00061	0.000458	0.001145	0.001377
24.73479	-0.00122	0.00168	0.001756	0.00272
24.73716	-0.00305	0.00168	0.000534	0.003526
24.73952	-0.00305	0.001069	0.001145	0.003433
24.74188	-0.00244	0.000458	0.001756	0.003044
24.74424	-0.00061	-0.00015	0.001145	0.001307
24.74661	0	0.001069	0.000534	0.001195
24.74897	-0.00183	0.002291	0.002978	0.00418
24.75133	-0.00305	0.00168	-7.6E-05	0.003487
24.75369	-0.00122	0.00168	0.001145	0.002372
24.75606	-0.00122	0.002291	0.001145	0.002838
24.75842	-0.00244	0.001069	0.001145	0.002903
24.76078	0.000611	0.00168	0.001145	0.002123
24.76315	0	0.00168	0.002367	0.002903
24.76551	0	0.002291	0.000534	0.002352
24.76787	-0.00122	0.000458	0.000534	0.00141
24.77023	-0.00122	0.002291	0.001145	0.002838
24.77226	-0.00061	0.004123	0.002367	0.004793
24.77496	-0.00122	0.002902	-7.6E-05	0.003149
24.77732	-0.00122	0.002902	-0.00069	0.003222
24.77969	-0.00122	0.002902	0.001145	0.00335
24.78205	-0.00061	0.001069	0.000534	0.001342
24.78441	0.001222	-0.00015	-7.6E-05	0.001234
24.78677	-0.00061	0.002291	0.000534	0.00243
24.78914	0	0.002902	0.001756	0.003392
24.7915	0	0.002291	0.001145	0.002561
24.79386	-0.00122	0.002902	0.000534	0.003193
24.79623	-0.00061	0.003512	0.001145	0.003745
24.79859	0.000611	0.003512	0.000534	0.003605
24.80095	-0.00122	0.002291	-7.6E-05	0.002597
24.80331	-0.00244	0.001069	-7.6E-05	0.002668
24.80568	-0.00122	0.00168	0.001145	0.002372
24.80804	-0.00061	0.002291	-0.00069	0.002468
24.8104	-0.00244	0.00168	-7.6E-05	0.002966
24.81277	-0.00122	0.002902	0.002978	0.004333
24.81513	-0.00183	0.000458	0.001145	0.002209
24.81749	-0.00122	0.000458	0.0042	0.004398
24.81985	-0.00183	0.002902	0.001756	0.003855
24.82222	-0.00428	0.002291	0.000534	0.00488
24.82458	-0.00305	0.001069	-0.00252	0.004101
24.82694	-0.00122	0.00168	0.001756	0.00272
24.82931	-0.00183	0.00168	0.001145	0.002737
24.83167	-0.00244	0.00168	0.001145	0.003179

24.83403	-0.00122	0.000458	0.001145	0.001736
24.83639	-0.00122	0.001069	0.002367	0.00287
24.83876	0.002443	0.003512	-0.0013	0.004471
24.84112	0.001222	0.00168	0.001756	0.00272
24.84348	-0.00244	0.00168	0.002978	0.004202
24.84584	-0.00244	0.000458	0.001145	0.002737
24.84821	-0.00122	0.001069	0.001145	0.001987
24.85057	-0.00122	0.00168	0.000534	0.002145
24.85293	0	-0.00076	0.001756	0.001915
24.8553	-0.00061	0.000458	0.000534	0.000932
24.85766	-0.00122	-0.00015	0.001145	0.001682
24.86002	0	-0.00076	0.001145	0.001377
24.86238	0	0.001069	0.001145	0.001567
24.86475	-0.00061	0.00168	0.001756	0.002506
24.86711	0.000611	0.001069	0.002978	0.003222
24.86947	0.002443	0.00168	0.001756	0.003446
24.87184	-0.00061	-0.00015	-0.00069	0.000932
24.8742	-0.00122	0.000458	-7.6E-05	0.001307
24.87656	-0.00061	0.000458	0.001145	0.001377
24.87892	-0.00061	0.000458	0.001756	0.001915
24.88129	0.000611	0.001069	0.001145	0.001682
24.88365	0	0.003512	0.000534	0.003553
24.88601	-0.00122	0.002902	0.000534	0.003193
24.88838	0	0.001069	0.001145	0.001567
24.89074	-0.00122	-0.00076	0.001145	0.00184
24.8931	-0.00305	0.000458	-7.6E-05	0.003089
24.89546	-0.00305	0.002902	-7.6E-05	0.004213
24.89783	-0.00183	0.002291	-7.6E-05	0.002934
24.90019	-0.00122	0.000458	0.001145	0.001736
24.90255	-0.00122	0.001069	0.001756	0.002392
24.90492	-0.00183	0.002291	-7.6E-05	0.002934
24.90728	-0.00122	0.000458	-7.6E-05	0.001307
24.90964	-0.00244	-0.00015	-0.00069	0.002543
24.912	-0.00244	0.002291	0.000534	0.003392
24.91437	-0.00061	0.002291	0.002367	0.00335
24.91673	0.000611	0.001069	0.001145	0.001682
24.91909	0	0.00168	0.001756	0.00243
24.92146	-0.00061	0.001069	0.001756	0.002145
24.92382	-0.00183	0.001069	0.002978	0.003656
24.92618	-0.00122	0.002291	0.001145	0.002838
24.92854	-0.00061	0.002291	-7.6E-05	0.002372
24.93091	-0.00244	0.00168	0.001145	0.003179
24.93327	-0.00244	0.001069	-7.6E-05	0.002668
24.93563	-0.00122	0.00168	0.002367	0.003149
24.93799	-0.00061	0.001069	0.000534	0.001342
24.94036	0.000611	-0.00015	0.000534	0.000826
24.94272	-0.00061	0.00168	0.000534	0.001866
24.94508	-0.00122	0.00168	0.001756	0.00272
24.94745	0.001222	0.002291	0.000534	0.002651
24.94981	-0.00061	0.002291	0.002978	0.003806
24.95217	-0.00122	0.002291	-7.6E-05	0.002597
24.95453	-0.00122	0.002291	0.000534	0.002651

24.9569	0	0.00168	-0.00069	0.001815
24.95926	0	0.002291	0.001756	0.002886
24.96162	-0.00122	0.000458	-7.6E-05	0.001307
24.96399	-0.00122	-0.00015	0.000534	0.001342
24.96635	0.000611	-0.00015	0.001145	0.001307
24.96871	-0.00122	-0.00076	0.002367	0.002771
24.97107	-0.00122	0.00168	-7.6E-05	0.002079
24.97344	-0.00061	0.000458	-7.6E-05	0.000767
24.9758	-0.00244	0.001069	0.000534	0.00272
24.97816	-0.00305	0.002291	0.001756	0.004202
24.98053	-0.00122	-0.00015	0.001145	0.001682
24.98289	-0.00183	0.001069	0.000534	0.002188
24.98525	-0.00244	0.000458	0.001145	0.002737
24.98761	-0.00183	-0.00199	0.001145	0.002934
24.98998	-0.00122	0.000458	0.001145	0.001736
24.99234	-0.00244	0.000458	0.002978	0.003879
24.9947	-0.00305	0.001069	0.001145	0.003433
24.99707	-0.00305	0.00168	0.001756	0.003903
24.99943	-0.00183	0.00168	0.001756	0.003044
25.00179	-0.00305	0.002291	-7.6E-05	0.003819
25.00415	0	0.001069	-7.6E-05	0.001072
25.00652	-0.00305	0.001069	-7.6E-05	0.003237
25.00888	-0.00428	0.001069	0.001145	0.004554
25.01124	-0.00244	0.000458	-0.00069	0.002579
25.01361	-0.00244	0.001069	0.002367	0.003566
25.01597	-0.00428	0.00168	0.002978	0.005475
25.01833	-0.00305	0.00168	0.001756	0.003903
25.02069	-0.00122	-0.00015	0.002367	0.002668
25.02306	-0.00061	0.000458	-7.6E-05	0.000767
25.02542	0	-0.00015	0.001756	0.001763
25.02778	-0.00061	0.000458	0.001756	0.001915
25.03014	-0.00183	0.00168	0.001756	0.003044
25.03251	-0.00061	-0.00015	0.002978	0.003044
25.03487	0.001222	-0.00015	0.002367	0.002668
25.03723	0.000611	0.000458	0.001756	0.001915
25.0396	0.000611	0.002291	0.000534	0.00243
25.04196	-0.00061	0.000458	0.001756	0.001915
25.04432	0.000611	0.000458	0.001756	0.001915
25.04668	-0.00061	0.001069	0.000534	0.001342
25.04905	0	-0.00015	0.001756	0.001763
25.05141	0.000611	-0.00015	0.001145	0.001307
25.05377	0.001222	0.000458	0.000534	0.00141
25.05614	0.000611	-0.00076	0.001145	0.001506
25.0585	-0.00183	0.001069	0.001756	0.002754
25.06086	-0.00061	0.002902	0.001756	0.003446
25.06322	-0.00061	0.001069	0.001756	0.002145
25.06559	-0.00183	0.002291	0.001756	0.003419
25.06795	-0.00244	0.00168	0.001145	0.003179
25.07031	-0.00183	0.000458	0.001145	0.002209
25.07268	-0.00244	0.002291	-7.6E-05	0.00335
25.07504	-0.00183	0.001069	0.001756	0.002754
25.0774	-0.00122	-0.00076	0.001756	0.002272

25.07976	-0.00122	0.001069	0.000534	0.001709
25.08213	-0.00244	0.000458	-7.6E-05	0.002487
25.08449	-0.00183	0.000458	0.002367	0.003028
25.08685	-0.00244	0.000458	0.002978	0.003879
25.08922	-0.00305	0.000458	-7.6E-05	0.003089
25.09158	-0.00183	-0.00015	0.000534	0.001915
25.09394	-0.00122	0.00168	0.001756	0.00272
25.0963	-0.00122	0.001069	0.002367	0.00287
25.09867	-0.00183	0.00168	0.002367	0.003433
25.10103	-0.00122	0.001069	0.00481	0.005077
25.10339	-0.00244	0.000458	0.002367	0.003433
25.10576	-0.00244	0.001069	0.000534	0.00272
25.10812	-0.00244	0.001069	0.005421	0.006042
25.11048	-0.00183	-0.00015	0.003589	0.004032
25.11284	-0.00061	-0.00137	0.0042	0.004461
25.11521	-0.00061	-0.00015	0.002367	0.002449
25.11757	-0.00367	-0.00015	0.002978	0.004725
25.11993	-0.00305	-0.00137	0.002367	0.004101
25.1223	-0.00305	-0.00199	0.001756	0.004044
25.12466	-0.00428	-0.0026	0.000534	0.005031
25.12702	-0.00244	-0.00015	0.001145	0.002703
25.12938	-0.00244	0.000458	0.002367	0.003433
25.13175	-0.00428	0.000458	0.001756	0.004645
25.13411	-0.00428	-0.00015	-7.6E-05	0.004279
25.13647	-0.00244	-0.00015	-0.00252	0.003513
25.13883	-0.00061	-0.00015	-0.00313	0.003193
25.1412	0	-0.00199	-0.0013	0.002372
25.14356	-0.00061	0.000458	-0.00252	0.002633
25.14592	-0.00244	0.00168	-0.00435	0.005266
25.14829	-0.00122	-0.0026	-0.00313	0.004247
25.15065	-0.00122	-0.00076	-0.00741	0.007545
25.15301	-0.00305	0.000458	-0.00863	0.009164
25.15537	-0.00244	0.002291	-0.00924	0.009827
25.15774	-0.00367	0.003512	-0.0068	0.008482
25.1601	-0.00367	0.002902	-0.00191	0.005049
25.16246	-0.00244	0.003512	-0.00618	0.007521
25.16483	0	0.000458	-0.00863	0.00864
25.16719	0.001833	-0.00199	-0.01351	0.013782
25.16955	0.001833	-0.00076	-0.01474	0.01487
25.17191	0.004887	0.000458	-0.0129	0.013806
25.17428	0.003665	0.001069	-0.01351	0.014044
25.17664	0.003054	0.00168	-0.01351	0.013957
25.179	0.001833	0.003512	-0.01229	0.012916
25.18137	0.004276	0.002902	-0.01351	0.014469
25.18373	0.001222	0.000458	-0.01168	0.011755
25.18609	0.000611	0.000458	-0.01046	0.010489
25.18845	0.003665	0.002902	-0.0068	0.008248
25.19082	0.004887	0.005345	-0.00802	0.010804
25.19318	0.005498	0.005345	-0.00863	0.011543
25.19554	0.006108	0.002902	-0.01474	0.016214
25.19791	0.00733	-0.00015	-0.01718	0.018679
25.20027	0.006719	-0.00015	-0.01718	0.018448

25.20263	0.005498	-0.00015	-0.01779	0.018622
25.20499	0.006719	0.00168	-0.01596	0.017397
25.20736	0.003665	0.002902	-0.0129	0.013725
25.20972	0.003665	0.002902	-0.01474	0.01546
25.21208	0.003054	0.00168	-0.01535	0.015738
25.21445	0.003665	0.000458	-0.01657	0.016976
25.21681	0.006719	-0.00137	-0.01718	0.018498
25.21917	0.004276	0.00168	-0.01596	0.016606
25.22153	0.003665	0.00168	-0.01535	0.015868
25.2239	0.004276	0.000458	-0.01718	0.01771
25.22626	0.006108	0.000458	-0.01596	0.017094
25.22862	0.006719	0.003512	-0.01535	0.017118
25.23098	0.00733	0.002291	-0.01596	0.01771
25.23335	0.004887	0.005345	-0.01901	0.020345
25.23571	0.001833	0.012675	-0.02818	0.030949
25.23807	-0.00244	0.020005	-0.02818	0.034641
25.24044	-0.00061	0.024281	-0.01046	0.026446
25.24248	0.001222	0.014508	0.0042	0.015153
25.24516	0.003054	-0.00015	0.006032	0.006763
25.24752	0.003054	-0.00626	-0.00435	0.008214
25.24989	0.001222	-0.00748	-0.01413	0.016032
25.25225	0.001833	-0.00443	-0.01168	0.012627
25.25461	0.004887	-0.00076	-0.0068	0.008405
25.25698	0.003054	0.00168	-0.00069	0.003553
25.25934	0.004887	0.002902	-0.00191	0.005995
25.2617	0.007941	0.007788	-0.01168	0.016131
25.26406	0.011606	0.002902	-0.00985	0.015496
25.26643	0.010384	-0.0026	0.005421	0.011999
25.26879	0.010995	0.00168	0.002978	0.011515
25.27115	0.010384	0.004123	-0.00741	0.013405
25.27352	0.009163	0.001069	-0.0129	0.015862
25.27588	0.006719	-0.00199	-0.01107	0.013102
25.27824	0.007941	0.000458	-0.00985	0.012661
25.2806	0.009774	0.001069	-0.00985	0.013917
25.28297	0.012217	-0.00015	-0.01535	0.019617
25.28533	0.010384	0.002291	-0.01779	0.020727
25.28769	0.010384	0.010232	-0.03123	0.034465
25.29006	0.00733	0.013286	-0.03673	0.039738
25.29242	0.009163	0.015729	-0.03551	0.0399
25.29478	0.011606	0.010843	-0.03428	0.037784
25.29714	0.011606	-0.00382	-0.01535	0.019617
25.29951	0.009163	-0.00932	-0.00741	0.01502
25.30187	0.006108	-0.00199	-0.01107	0.0128
25.30423	0.006108	0.002902	-0.02023	0.021334
25.3066	0.009163	0.001069	-0.02451	0.026189
25.30896	0.012217	0.000458	-0.01413	0.018682
25.31132	0.017104	0.000458	-0.00069	0.017124
25.31368	0.017715	-0.00015	0.002978	0.017964
25.31605	0.019547	0.001069	-0.00069	0.019588
25.31841	0.020158	0.00168	-0.00741	0.021541
25.32077	0.021991	0.00168	-0.01413	0.026191
25.32313	0.024434	-0.00076	-0.02085	0.032127

25.3255	0.020158	-0.00137	-0.02634	0.033199
25.32786	0.019547	0.002291	-0.03428	0.039531
25.33022	0.016493	0.010232	-0.04772	0.051518
25.33259	0.015271	0.013897	-0.05017	0.054249
25.33495	0.018325	0.013286	-0.03795	0.044187
25.33731	0.019547	0.008399	-0.0294	0.036288
25.33967	0.021991	-0.00076	-0.03001	0.037211
25.34204	0.023823	-0.00382	-0.02512	0.034831
25.3444	0.020158	-0.00504	-0.03062	0.037003
25.34676	0.016493	0.000458	-0.04222	0.045334
25.34913	0.01466	0.004123	-0.04589	0.048351
25.35149	0.017715	0.000458	-0.03856	0.042437
25.35385	0.015271	-0.00443	-0.02695	0.031294
25.35621	0.013439	-0.00199	-0.02023	0.024371
25.35858	0.012217	0.003512	-0.0239	0.02707
25.36094	0.012217	0.003512	-0.03245	0.034852
25.3633	0.013439	0.004734	-0.04467	0.046886
25.36567	0.012828	0.004734	-0.05017	0.051996
25.36803	0.010995	0.002291	-0.05322	0.054392
25.37039	0.009774	0.004123	-0.05505	0.056065
25.37275	0.009163	0.005956	-0.05811	0.059126
25.37512	0.008552	0.006567	-0.05933	0.0603
25.37748	0.009774	0.004734	-0.0636	0.064525
25.37984	0.010995	0.004734	-0.06544	0.066523
25.38221	0.012828	0.004734	-0.0691	0.070442
25.38457	0.011606	0.004734	-0.07155	0.072635
25.38693	0.011606	0.005956	-0.07093	0.072124
25.38929	0.009774	0.006567	-0.07155	0.072508
25.39166	0.009163	0.005956	-0.07093	0.071772
25.39402	0.00733	0.006567	-0.07949	0.080093
25.39638	0.013439	0.004734	-0.07521	0.076548
25.39875	0.022601	0.004123	-0.05383	0.058529
25.40111	0.018936	-0.00443	-0.03673	0.041558
25.40347	0.003054	-0.00565	-0.02451	0.025338
25.40583	-0.00611	0.010843	-0.01046	0.016257
25.4082	-0.01405	0.015729	-0.00496	0.021666
25.41056	-0.01894	0.009621	-0.01168	0.024241
25.41292	-0.01527	0.00901	-0.01718	0.024689
25.41528	-0.01222	0.014508	-0.02207	0.029098
25.41765	-0.00672	0.016951	-0.03245	0.037223
25.42001	-0.00183	0.013897	-0.04161	0.043911
25.42237	0.007941	0.006567	-0.05444	0.055408
25.42474	0.010384	-0.00809	-0.06299	0.064355
25.4271	0.017715	-0.01176	-0.06544	0.068805
25.42946	0.020769	-0.00076	-0.06116	0.064596
25.43182	0.013439	0.000458	-0.05139	0.053118
25.43419	0.005498	-0.00993	-0.03917	0.040781
25.43655	-0.00611	-0.01848	-0.01535	0.024785
25.43891	-0.01955	-0.01176	0.010919	0.02529
25.44128	-0.03543	-0.00076	0.020692	0.041036
25.44364	-0.05314	0.002291	0.028633	0.06041
25.446	-0.0678	-0.00199	0.042683	0.080145

25.44836	-0.0788	-0.00076	0.064673	0.101944
25.45073	-0.08491	-0.0026	0.082999	0.118764
25.45309	-0.08613	-0.00076	0.097659	0.130216
25.45545	-0.08369	-0.00382	0.108654	0.1372
25.45782	-0.09041	-0.02031	0.127591	0.157687
25.46018	-0.09774	-0.03436	0.15569	0.187008
25.46254	-0.1014	-0.0307	0.180124	0.208971
25.4649	-0.10445	-0.01298	0.195395	0.221942
25.46727	-0.10445	-0.01115	0.19906	0.225078
25.46963	-0.10873	-0.0197	0.195395	0.224476
25.47199	-0.1069	-0.01481	0.189897	0.218421
25.47436	-0.10018	-0.00748	0.197838	0.221882
25.47672	-0.08735	0.000458	0.210666	0.228058
25.47908	-0.0788	-0.01481	0.233267	0.246662
25.48144	-0.07269	-0.03314	0.253425	0.265719
25.48381	-0.06353	-0.01665	0.269918	0.277793
25.48617	-0.05009	0.008399	0.283357	0.287872
25.48853	-0.03176	0.03039	0.302904	0.306077
25.4909	-0.00305	0.035276	0.325505	0.327425
25.49326	0.02871	0.027946	0.346885	0.349191
25.49562	0.052533	-0.00565	0.367043	0.370826
25.49798	0.05803	-0.03986	0.378038	0.384537
25.50035	0.054365	-0.04352	0.389033	0.395217
25.50271	0.044592	-0.01787	0.395142	0.398051
25.50507	0.034818	0.010843	0.389033	0.390739
25.50744	0.041538	0.013286	0.387812	0.390256
25.5098	0.050089	-0.02459	0.370097	0.37428
25.51216	0.055587	-0.07712	0.3365	0.349671
25.51452	0.07941	-0.13026	0.303515	0.339699
25.51689	0.111174	-0.1321	0.262588	0.314263
25.51925	0.123391	-0.12599	0.266864	0.319866
25.52161	0.116061	-0.09117	0.280303	0.316783
25.52397	0.069026	-0.02886	0.291909	0.301344
25.52634	-0.03726	0.041996	0.313899	0.31888
25.5287	-0.15149	0.083533	0.324894	0.368081
25.53106	-0.23579	0.096972	0.303515	0.396384
25.53343	-0.29076	0.093918	0.260755	0.401693
25.53579	-0.31459	0.107356	0.214942	0.395841
25.53815	-0.30298	0.115908	0.167907	0.365273
25.54051	-0.26633	0.111632	0.135532	0.319002
25.54288	-0.21013	0.090253	0.122093	0.259244
25.54524	-0.14966	0.048715	0.129423	0.203767
25.5476	-0.08979	0.026114	0.147749	0.174856
25.54997	-0.04093	0.003512	0.153857	0.159246
25.55233	-0.00794	-0.0087	0.152025	0.152481
25.55469	0.005498	-0.00687	0.160576	0.160817
25.55705	0.003054	0.022449	0.169128	0.170639
25.55942	-0.02566	0.047493	0.174626	0.182779
25.56178	-0.06047	0.062154	0.178902	0.198812
25.56414	-0.09285	0.050548	0.153857	0.186676
25.56651	-0.11912	0.056045	0.123926	0.180796
25.56887	-0.12461	0.106746	0.101935	0.193168

25.57123	-0.12767	0.126904	0.075058	0.195031
25.57359	-0.13439	0.086588	0.04085	0.165003
25.57596	-0.12828	0.070095	0.003589	0.146224
25.57832	-0.1014	0.081701	-0.01779	0.131429
25.58068	-0.05986	0.071316	-0.03917	0.101015
25.58305	-0.00305	0.041385	-0.041	0.058338
25.58541	0.0507	0.022449	-0.01718	0.058048
25.58777	0.09407	0.007788	0.009086	0.094829
25.59013	0.119726	-0.01298	0.029244	0.123928
25.5925	0.117283	-0.01665	0.044515	0.126546
25.59486	0.080632	0.016951	0.0549	0.099009
25.59722	0.02138	0.080479	0.049402	0.096822
25.59959	-0.05131	0.136066	0.010308	0.145784
25.60195	-0.1295	0.169663	-0.00802	0.213588
25.60431	-0.20341	0.161111	-0.00252	0.259499
25.60667	-0.26144	0.134234	0.029855	0.295402
25.60904	-0.27794	0.099415	0.084831	0.307129
25.61114	-0.248	0.063986	0.143473	0.293572
25.61376	-0.17226	0.029779	0.203947	0.268615
25.61612	-0.07208	0.00168	0.252814	0.262894
25.61849	0.028099	-0.01603	0.282746	0.284591
25.62085	0.103844	-0.03497	0.272972	0.294144
25.62321	0.164929	-0.10155	0.313288	0.368326
25.62558	0.196082	-0.08873	0.393309	0.448344
25.62794	0.178367	-0.02642	0.449507	0.484324
25.6303	0.120948	-0.00199	0.469665	0.484992
25.63266	0.054365	-0.05269	0.462946	0.469095
25.63503	0.001222	-0.0704	0.455005	0.460421
25.63739	-0.03237	-0.01054	0.468443	0.469679
25.63975	-0.05131	0.042607	0.488601	0.493132
25.64212	-0.07941	0.005345	0.476385	0.482987
25.64448	-0.10507	-0.04047	0.423241	0.43796
25.64684	-0.09896	-0.02275	0.360324	0.374357
25.6492	-0.07819	0.00901	0.311456	0.321246
25.65157	-0.05314	0.012675	0.268696	0.274195
25.65393	-0.02993	-0.01603	0.215553	0.218211
25.65629	-0.00367	-0.03619	0.151414	0.155722
25.65866	0.023212	-0.02703	0.082388	0.089762
25.66102	0.054365	-0.01665	0.04085	0.07001
25.66338	0.076967	-0.03864	0.048791	0.098981
25.66574	0.089184	-0.0759	0.051846	0.128071
25.66811	0.080021	-0.09056	0.020692	0.122606
25.67047	0.059863	-0.07345	-0.02879	0.099034
25.67283	0.030542	-0.03741	-0.06727	0.082812
25.6752	-0.00733	-0.00809	-0.09415	0.094778
25.67756	-0.03909	0.010232	-0.10575	0.113211
25.67992	-0.06108	0.016951	-0.08376	0.105047
25.68228	-0.07513	0.019394	-0.06238	0.099564
25.68465	-0.08613	0.015118	-0.05994	0.106017
25.68701	-0.08735	0.00901	-0.0746	0.115224
25.68937	-0.07758	0.00168	-0.08743	0.116896
25.69174	-0.06658	0.013286	-0.09659	0.118065

25.6941	-0.05742	0.014508	-0.12163	0.135287
25.69646	-0.04887	0.013286	-0.16684	0.174354
25.69882	-0.04093	0.011453	-0.20166	0.206086
25.70119	-0.02688	0.017562	-0.23342	0.235618
25.70355	-0.00122	0.019394	-0.25541	0.256149
25.70591	0.02138	-0.0368	-0.26518	0.268578
25.70827	0.064139	-0.10522	-0.2603	0.287992
25.71064	0.109342	-0.14981	-0.22304	0.290075
25.713	0.138662	-0.18035	-0.18333	0.292172
25.71536	0.164318	-0.19074	-0.17844	0.308583
25.71773	0.159431	-0.14126	-0.20166	0.293321
25.72009	0.11545	-0.04352	-0.2041	0.238494
25.72245	0.050089	0.020005	-0.17111	0.179413
25.72481	-0.03604	0.035276	-0.13202	0.141324
25.72718	-0.1069	0.041996	-0.10514	0.15571
25.72954	-0.16004	0.067651	-0.07643	0.189821
25.7319	-0.16982	0.08842	-0.05383	0.19888
25.73427	-0.13072	0.083533	-0.0465	0.161951
25.73663	-0.05803	0.038942	-0.03795	0.079524
25.73899	0.044592	-0.01848	-0.02695	0.055284
25.74135	0.135608	-0.06857	-0.02818	0.154547
25.74372	0.209521	-0.08506	-0.03428	0.228713
25.74608	0.248615	-0.08628	-0.03306	0.26523
25.74844	0.253502	-0.09606	-0.02879	0.272614
25.75081	0.224792	-0.09422	-0.02329	0.24485
25.75317	0.17287	-0.09117	-0.0068	0.195555
25.75553	0.11545	-0.07223	0.013973	0.1369
25.75789	0.063528	-0.02031	0.024968	0.071216
25.76026	0.017104	0.013286	0.028633	0.035902
25.76262	-0.00794	0.020005	0.029244	0.036311
25.76498	-0.01466	0.008399	0.026801	0.031682
25.76735	0.000611	-0.01298	0.024358	0.027607
25.76971	0.030542	-0.02764	0.01886	0.045305
25.77207	0.076356	-0.0142	0.012751	0.078705
25.77443	0.13011	-0.01603	0.014584	0.131904
25.7768	0.175924	-0.03803	0.016417	0.180734
25.77916	0.199136	-0.06002	0.016417	0.20863
25.78152	0.189974	-0.06246	0.022525	0.201242
25.78389	0.166761	-0.03864	0.028023	0.173457
25.78625	0.136219	-0.04169	0.038407	0.147542
25.78861	0.124002	-0.05635	0.051235	0.145523
25.79097	0.136219	-0.07407	0.058565	0.165744
25.79334	0.189363	-0.12477	0.06956	0.237199
25.7957	0.199747	-0.04902	0.067117	0.216348
25.79806	0.131943	0.093307	0.074447	0.177926
25.80043	0.034818	0.132401	0.1056	0.172898
25.80279	-0.06536	0.09575	0.143473	0.184457
25.80515	-0.14355	0.073149	0.171572	0.235359
25.80751	-0.1912	0.076203	0.188675	0.279215
25.80988	-0.19608	0.086588	0.19173	0.287586
25.81224	-0.1692	0.060932	0.1844	0.257577
25.8146	-0.12034	0.009621	0.174015	0.21179

25.81696	-0.06231	0.007788	0.14897	0.161663
25.81933	-0.00672	0.022449	0.11965	0.121923
25.82169	0.052533	0.010232	0.100103	0.113512
25.82405	0.125224	0.01634	0.089718	0.154911
25.82642	0.178978	0.004123	0.084221	0.197847
25.82878	0.219905	0.005345	0.07689	0.233021
25.83114	0.204023	-0.05207	0.084221	0.226782
25.8335	0.149658	-0.07712	0.089107	0.190486
25.83587	0.097125	-0.00687	0.088496	0.131575
25.83823	0.056198	0.058489	0.089107	0.120496
25.84059	0.015882	0.055434	0.086053	0.103587
25.84296	-0.00367	0.035276	0.075669	0.083568
25.84532	0.023212	0.062765	0.051846	0.084653
25.84768	0.071469	0.059099	0.028023	0.096881
25.85004	0.097736	-0.01603	0.006032	0.099226
25.85241	0.120948	-0.04413	-0.0184	0.130057
25.85477	0.145382	-0.00748	-0.03489	0.149698
25.85713	0.150879	0.01634	-0.03489	0.155722
25.8595	0.145382	0.001069	-0.03062	0.148575
25.86186	0.145382	-0.01115	-0.04222	0.151799
25.86422	0.14416	-0.00199	-0.05627	0.154767
25.86658	0.138051	0.005956	-0.06605	0.153154
25.86895	0.131943	0.007788	-0.07643	0.152681
25.87131	0.12278	0.004734	-0.08926	0.151871
25.87367	0.118504	-0.00443	-0.10514	0.158486
25.87604	0.114228	-0.01054	-0.11369	0.16151
25.8784	0.106287	-0.00687	-0.12286	0.162598
25.88076	0.102622	0.004123	-0.1308	0.166302
25.88312	0.096514	0.00901	-0.13996	0.17025
25.88549	0.091016	0.007788	-0.1479	0.173837
25.88785	0.089795	-0.00137	-0.15767	0.181456
25.89021	0.09346	-0.00565	-0.16806	0.192381
25.89258	0.097736	-0.00321	-0.17417	0.199742
25.89494	0.099568	-0.00137	-0.1815	0.20702
25.8973	0.103844	-0.00137	-0.19066	0.217111
25.89966	0.105677	-0.0026	-0.19799	0.224443
25.90203	0.108731	-0.00443	-0.20715	0.233997
25.90439	0.109342	-0.00748	-0.21387	0.240319
25.90675	0.109953	-0.00932	-0.22426	0.249935
25.90911	0.110563	-0.00809	-0.22731	0.252904
25.91148	0.107509	-0.0087	-0.23159	0.255474
25.91384	0.100179	-0.00443	-0.24075	0.260799
25.9162	0.092238	0.000458	-0.24747	0.264101
25.91857	0.084297	0.001069	-0.24686	0.260857
25.92093	0.076356	-0.0026	-0.24503	0.256661
25.92329	0.069026	-0.0087	-0.24503	0.254712
25.92565	0.062306	-0.00687	-0.24503	0.252917
25.92802	0.058641	-0.00076	-0.24503	0.251947
25.93038	0.054365	-0.00076	-0.24136	0.247409
25.93274	0.051922	0.000458	-0.24075	0.246286
25.93511	0.046424	-0.00504	-0.24136	0.245837
25.93747	0.04337	-0.00626	-0.23403	0.238098

25.93983	0.040316	-0.00626	-0.22792	0.231545
25.94219	0.03604	-0.00382	-0.21998	0.222947
25.94456	0.02871	-0.00382	-0.21509	0.217036
25.94692	0.020158	-0.00382	-0.20105	0.202089
25.94928	0.012217	-0.00626	-0.18394	0.184453
25.95165	0.002443	-0.00321	-0.16684	0.166886
25.95401	-0.00855	0.00168	-0.14851	0.148768
25.95637	-0.02138	0.00168	-0.13324	0.134956
25.95873	-0.02382	0.010843	-0.10942	0.112505
25.9611	-0.01833	0.012675	-0.08498	0.087857
25.96346	-0.0226	-0.01054	-0.07155	0.075767
25.96582	-0.02749	-0.00993	-0.06483	0.071109
25.96819	-0.02871	0.012675	-0.05322	0.061784
25.97055	-0.03054	0.018173	-0.0465	0.058527
25.97291	-0.0336	0.002291	-0.04467	0.055939
25.97527	-0.03176	-0.00443	-0.04467	0.054989
25.97764	-0.03237	0.004123	-0.04222	0.053367
25.98	-0.03421	0.010232	-0.03978	0.053455
25.98236	-0.03665	0.004123	-0.04345	0.05699
25.98473	-0.03665	-0.00015	-0.04345	0.056841
25.98709	-0.03848	0.002291	-0.04528	0.059468
25.98945	-0.03971	0.004734	-0.04772	0.06226
25.99181	-0.04215	0.003512	-0.05383	0.068459
25.99418	-0.04704	0.001069	-0.06238	0.078135
25.99654	-0.05253	-0.00137	-0.07216	0.089264
25.9989	-0.0452	0.014508	-0.07521	0.08894
26.00126	-0.04154	0.015118	-0.08132	0.092557
26.00363	-0.04581	-0.01115	-0.08621	0.098258
26.00599	-0.05314	-0.01176	-0.08865	0.104025
26.00835	-0.05498	0.013897	-0.08682	0.103695
26.01072	-0.05803	0.018784	-0.08559	0.105104
26.01308	-0.06108	0.004734	-0.08804	0.107259
26.01544	-0.06536	-0.00443	-0.09354	0.114195
26.0178	-0.05559	0.014508	-0.09231	0.108731
26.02017	-0.04093	0.024892	-0.08743	0.09969
26.02253	-0.03726	-0.00321	-0.08376	0.091733
26.02489	-0.03726	-0.01542	-0.08132	0.09077
26.02726	-0.03543	0.006567	-0.07582	0.083948
26.02962	-0.03054	0.016951	-0.06483	0.073638
26.03198	-0.02566	0.00168	-0.05627	0.061869
26.03434	-0.02382	-0.0087	-0.05139	0.057306
26.03671	-0.02443	0.00168	-0.04772	0.05364
26.03907	-0.02443	0.008399	-0.041	0.048465
26.04143	-0.02382	0.005956	-0.03306	0.041184
26.0438	-0.02077	-0.00199	-0.0239	0.031725
26.04616	-0.02016	-0.0026	-0.01535	0.025468
26.04852	-0.01894	0.001069	-0.00924	0.021097
26.05088	-0.01894	0.002291	-0.0013	0.019118
26.05325	-0.01955	-0.00015	0.006032	0.020457
26.05561	-0.02016	0.001069	0.010919	0.02295
26.05797	-0.02077	0.00168	0.017638	0.0273
26.06034	-0.02138	0.001069	0.023747	0.031971

26.0627	-0.02077	-0.00137	0.031688	0.037912
26.06506	-0.01894	0.000458	0.036574	0.041188
26.06742	-0.01833	0.003512	0.04024	0.044355
26.06979	-0.0171	0.004734	0.04024	0.043979
26.07215	-0.01588	0.003512	0.042072	0.045107
26.07451	-0.01222	0.004123	0.042072	0.044004
26.07688	-0.01161	0.002902	0.043905	0.045505
26.07924	-0.00672	0.00168	0.042683	0.043241
26.0816	-0.00183	0.002291	0.04085	0.040956
26.08396	0.001222	-0.00015	0.037796	0.037816
26.08633	0.003054	0.001069	0.036574	0.036717
26.08869	0.005498	-0.00137	0.030466	0.030989
26.09105	0.003665	-0.00015	0.025579	0.025841
26.09342	0.002443	-0.00015	0.01886	0.019018
26.09578	0.001833	-0.00199	0.015195	0.015433
26.09814	0	0.00168	0.012751	0.012862
26.1005	0.000611	0.001069	0.006643	0.006756
26.10287	0.002443	-0.00015	0.006643	0.00708
26.10523	0.003054	-0.00076	0.002978	0.004333
26.10759	0.003054	0.000458	0.001756	0.003553
26.10995	0.001833	0.001069	0.003589	0.004169
26.11232	0.001222	-0.00015	0.001756	0.002145
26.11468	0.000611	-0.00137	0.002367	0.002804
26.11704	-0.00061	0.000458	0.001145	0.001377
26.11941	-0.00305	0.00168	0.001756	0.003903
26.12177	-0.00428	0.000458	0.001145	0.00445
26.12413	-0.00428	0.001069	0.001756	0.004745
26.12649	-0.00305	0.002291	0.002978	0.004842
26.12886	-0.00244	0.00168	0.002367	0.003794
26.13122	-0.00367	0.001069	0.001756	0.004202
26.13358	-0.00183	0.00168	0.002367	0.003433
26.13595	0	0.001069	0.001145	0.001567
26.13831	0.001833	0.00168	0.001756	0.003044
26.14067	0.003665	0.002291	0.002978	0.005249
26.14303	0.003054	0.00168	0.001145	0.003669
26.1454	0.002443	0.001069	0.000534	0.00272
26.14776	0.000611	0.002902	-0.0013	0.003237
26.15012	0.001222	0.00168	0.000534	0.002145
26.15249	0.001222	0.001069	-0.00069	0.001763
26.15485	-0.00183	0.002291	0.001145	0.003149
26.15721	-0.00367	0.001069	0.000534	0.003855
26.15957	-0.00367	0.004123	-0.00069	0.005559
26.16194	-0.00672	0.004123	-0.00252	0.008276
26.1643	-0.00733	0.002902	0.000534	0.007902
26.16666	-0.0055	0.00168	0.001145	0.005862
26.16903	-0.00733	0.002902	0.000534	0.007902
26.17139	-0.00611	0.002902	0.001145	0.006859
26.17375	-0.00489	0.003512	0.001145	0.006126
26.17611	0	0.002902	0.000534	0.00295
26.17848	0.003054	0.001069	-0.00252	0.004101
26.18084	0.003054	0.000458	-0.00069	0.003164
26.1832	0.004276	0.002291	-7.6E-05	0.004851

26.18557	0.003054	0.00168	-7.6E-05	0.003487
26.18793	0.001833	0.002291	-0.00069	0.003013
26.19029	0.001222	0.000458	-0.00069	0.001475
26.19265	0.000611	0.00168	0.000534	0.001866
26.19502	-0.00061	0.002902	0.000534	0.003013
26.19738	-0.00183	0.002902	-7.6E-05	0.003433
26.19974	-0.00305	0.002291	-0.00069	0.003879
26.2021	-0.00367	0.002902	-0.00069	0.004725
26.20447	-0.00611	0.004123	0.001145	0.007458
26.20683	-0.00489	0.003512	0.001145	0.006126
26.20919	-0.00367	0.00168	0.001145	0.004191
26.21156	-0.00183	0.000458	0.000534	0.001963
26.21392	-0.00183	0.00168	0.001145	0.002737
26.21628	-0.00183	0.000458	0.001756	0.002579
26.21864	0.001222	0.002291	0.002367	0.003513
26.22101	0.003665	0.004123	-0.00069	0.005559
26.22337	-0.00183	0.002902	0.001756	0.003855
26.22573	-0.00305	0.00168	0.002367	0.004213
26.2281	-0.00244	0.001069	0.001145	0.002903
26.23046	-0.00428	0.001069	0.001756	0.004745
26.23282	-0.00305	0.002291	0.001756	0.004202
26.23518	-0.00367	0.001069	0.002978	0.004842
26.23755	-0.00367	-0.00015	0.002367	0.004366
26.23991	-0.00122	0.000458	0.001145	0.001736
26.24227	-0.00122	0.001069	0.000534	0.001709
26.24464	0.001833	0.001069	0.000534	0.002188
26.247	0.005498	-0.00015	0.002367	0.005987
26.24936	0.004887	0.00168	0.002367	0.005684
26.25172	0.00733	0.001069	-7.6E-05	0.007408
26.25409	0.004887	0.000458	0.001145	0.00504
26.25645	0.006719	0.00168	0.001756	0.007145
26.25881	0.006108	0.001069	0.000534	0.006224
26.26118	0.006108	0.001069	0.001756	0.006445
26.26354	0.005498	0.000458	0.001145	0.005634
26.2659	0.003054	0.00168	0.000534	0.003526
26.26826	0.001222	0.002902	0.002367	0.003939
26.27063	0.001222	0.00168	0.001145	0.002372
26.27299	0.001833	0.002291	0.001145	0.003149
26.27535	0.003665	0.002291	-7.6E-05	0.004323
26.27772	0.003054	0.00168	0.000534	0.003526
26.28008	0.004276	0.002291	-0.00069	0.004899
26.28244	0.004887	0.001069	0.000534	0.005031
26.2848	0.004887	0.00168	-0.00069	0.005213
26.28717	0.006108	0.00168	0.001145	0.006438
26.28953	0.006108	0.00168	0.001756	0.006574
26.29189	0.006108	0.002902	-0.00069	0.006797
26.29425	0.006108	0.004123	0.000534	0.007389
26.29662	0.005498	0.002291	0.002367	0.006409
26.29898	0.005498	0.002291	0.0042	0.007287
26.30134	0.004276	0.002291	0.001145	0.004984
26.30371	0.003054	0.00168	-7.6E-05	0.003487
26.30607	0.003054	0.00168	0.000534	0.003526

26.30843	0.001833	0.002902	-7.6E-05	0.003433
26.31079	0	0.002902	0.001756	0.003392
26.31316	0.001222	0.001069	0.000534	0.001709
26.31552	-0.00122	0.000458	0.001145	0.001736
26.31788	-0.00061	0.001069	0.001756	0.002145
26.32025	-0.00061	0.001069	0.001145	0.001682
26.32261	-0.00122	0.002291	0.001756	0.003134
26.32497	-0.00244	0.002902	-7.6E-05	0.003794
26.32733	-0.00061	0.003512	0.000534	0.003605
26.3297	-0.00183	0.00168	0.001756	0.003044
26.33206	-0.00183	0.001069	0.001145	0.002411
26.33442	0.001833	0.000458	0.001756	0.002579
26.33679	0.001222	0.000458	0.000534	0.00141
26.33915	0.001222	0.00168	0.000534	0.002145
26.34151	0.001222	0.001069	0.002978	0.003392
26.34387	-0.00061	0.001069	0.003589	0.003794
26.34624	0	0.001069	0.002978	0.003164
26.3486	-0.00122	0.001069	0.002367	0.00287
26.35096	0.001222	-0.00076	0.003589	0.003867
26.35333	0.003054	0.000458	0.003589	0.004735
26.35569	0.001833	-0.00076	0.003589	0.004101
26.35805	0.003054	0.00168	0.000534	0.003526
26.36041	0.001833	0.000458	0.000534	0.001963
26.36278	0.001222	-0.00076	0.001756	0.002272
26.36514	0.001222	-0.00015	0.002367	0.002668
26.3675	0.002443	-0.00015	0.003589	0.004344
26.36987	0.000611	0.001069	0.002367	0.002668
26.37223	0.001222	0.002291	0.001756	0.003134
26.37459	0.002443	0.000458	-7.6E-05	0.002487
26.37695	0.001222	0.000458	0.002367	0.002703
26.37932	0	0.00168	0.001756	0.00243
26.38168	0	0.00168	0.001145	0.002033
26.38404	0	0.000458	0.002978	0.003013
26.38641	0.002443	0.002291	0.001145	0.00354
26.38877	0.001833	0.002291	0.001145	0.003149
26.39113	0.000611	0.000458	0.001756	0.001915
26.39349	0.000611	0.001069	0.001756	0.002145
26.39586	-0.00061	-0.00015	0.001145	0.001307
26.39822	0.000611	-0.00015	0.001145	0.001307
26.40058	-0.00061	0.000458	0.001145	0.001377
26.40294	-0.00122	0.002902	-0.00069	0.003222
26.40531	-0.00183	0.001069	0.001145	0.002411
26.40767	0.000611	0.001069	0.001756	0.002145
26.41003	0.001222	0.002291	0.002367	0.003513
26.4124	0	0.001069	0.002367	0.002597
26.41476	-0.00061	0.000458	0.002367	0.002487
26.41712	-0.00183	0.000458	-7.6E-05	0.00189
26.41948	-0.00244	0.002902	0.001145	0.003962
26.42185	-0.00061	0.00168	0.001756	0.002506
26.42421	-0.00244	0.00168	0.001756	0.003446
26.42657	-0.00244	0.000458	0.003589	0.004366
26.42894	-0.00183	0.00168	0.001756	0.003044

26.4313	0.000611	0.00168	0.001145	0.002123
26.43366	0.000611	0.001069	0.001756	0.002145
26.43602	0.000611	0.00168	0.001756	0.002506
26.43839	-0.00061	0.002291	0.001145	0.002633
26.44075	-0.00061	0.002902	0.001145	0.003179
26.44311	0	0.002902	0.001145	0.003119
26.44548	0	0.00168	0.002367	0.002903
26.44784	-0.00061	0.00168	0.000534	0.001866
26.4502	0.000611	-0.00015	0.001756	0.001866
26.45256	0	-0.00015	0.001756	0.001763
26.45493	-0.00122	0.001069	0.001145	0.001987
26.45729	-0.00122	0.002902	0.002367	0.003939
26.45965	-0.00061	0.000458	0.001145	0.001377
26.46202	-0.00305	0.002291	0.001756	0.004202
26.46438	-0.00183	0.002291	0.002978	0.00418
26.46674	-0.00367	0.001069	0.001145	0.003986
26.4691	-0.00428	0.001069	0.000534	0.00444
26.47147	-0.00305	0.001069	0.001145	0.003433
26.47383	-0.00183	0.00168	0.001756	0.003044
26.47619	-0.00122	0.001069	0.000534	0.001709
26.47856	-0.00244	0.001069	0.001145	0.002903
26.48092	-0.00367	0.00168	0.000534	0.004067
26.48328	-0.00122	0.00168	-7.6E-05	0.002079
26.48564	0	0.00168	-0.00069	0.001815
26.48801	-0.00244	0.00168	0.000534	0.003013
26.49037	-0.00183	0.00168	0.001756	0.003044
26.49273	-0.00367	0.002291	0.001145	0.004471
26.49509	-0.00244	-0.00015	-7.6E-05	0.002449
26.49746	-0.00428	-0.00015	0.002367	0.00489
26.49982	-0.00305	0.00168	0.002367	0.004213
26.50218	-0.00367	0.004123	-7.6E-05	0.005517
26.50455	-0.00428	0.002291	-0.00069	0.004899
26.50691	-0.00367	0.001069	0.000534	0.003855
26.50927	-0.00305	0.002291	0.001756	0.004202
26.51163	-0.00122	0.001069	0.000534	0.001709
26.514	-0.00183	0.000458	0.000534	0.001963
26.51636	-0.00244	0.00168	-0.0013	0.003237
26.51872	-0.00244	0.000458	0.000534	0.002543
26.52109	-0.00183	0.00168	0.001145	0.002737
26.52345	-0.00183	0.001069	0.002367	0.003179
26.52581	-0.00428	-0.00076	-7.6E-05	0.004344
26.52817	-0.00305	0.001069	-0.00069	0.003308
26.53054	-0.00672	0.002291	0.001756	0.007313
26.5329	-0.00672	0.000458	0.002367	0.007139
26.53526	-0.00672	0.00168	0.001145	0.00702
26.53763	-0.00489	0.000458	0.002978	0.005741
26.53999	-0.00367	-0.00015	0.001145	0.003843
26.54235	-0.00489	-0.00015	-7.6E-05	0.00489
26.54471	-0.00305	0.00168	0.001756	0.003903
26.54708	-0.00122	0.001069	0.001756	0.002392
26.54944	0	0.00168	0.000534	0.001763
26.5518	-0.00183	0.001069	0.001756	0.002754

26.55417	-0.00122	-0.00015	0.001756	0.002145
26.55653	-0.00122	0.002291	0.000534	0.002651
26.55889	0	0.00168	0.001145	0.002033
26.56125	-0.00122	-0.00015	0.000534	0.001342
26.56362	0.001222	0.00168	0.000534	0.002145
26.56598	0.001222	0.002291	-7.6E-05	0.002597
26.56834	-0.00244	0.000458	0.001145	0.002737
26.57071	-0.00244	0.00168	0.001145	0.003179
26.57307	-0.00061	-0.00015	0.001145	0.001307
26.57543	0.001222	-0.00015	0.001756	0.002145
26.57779	0.002443	0.00168	-7.6E-05	0.002966
26.58016	0.001833	0.002291	0.001145	0.003149
26.58252	0.001833	0.00168	0.001145	0.002737
26.58488	0.003054	0.001069	0.000534	0.00328
26.58725	0.002443	0.001069	0.000534	0.00272
26.58961	0.003054	0.002291	-0.00069	0.003879
26.59197	0.003665	0.002902	-7.6E-05	0.004675
26.59433	0.003665	0.001069	0.002978	0.004842
26.5967	0.005498	0.003512	0.000534	0.006546
26.59906	0.005498	0.003512	-7.6E-05	0.006524
26.60142	0.001833	-0.00015	0.001145	0.002166
26.60378	0.000611	0.000458	0.002367	0.002487
26.60615	-0.00183	0.003512	0.001145	0.004124
26.60851	0	0.00168	-7.6E-05	0.001682
26.61087	0	0.001069	0.000534	0.001195
26.61324	0.001222	0.000458	0.000534	0.00141
26.6156	-0.00183	0.002291	0.001145	0.003149
26.61796	-0.00122	0.001069	0.002367	0.00287
26.62032	0	0.000458	0.002367	0.002411
26.62269	0.000611	0.001069	-7.6E-05	0.001234
26.62505	0.000611	0.001069	0.001756	0.002145
26.62741	0.000611	0.00168	-7.6E-05	0.001789
26.62978	-0.00061	-0.00015	-7.6E-05	0.000634
26.63214	0.000611	-0.00015	-0.0013	0.001443
26.6345	0.002443	0.000458	-7.6E-05	0.002487
26.63686	0.002443	0.001069	0.000534	0.00272
26.63923	0.000611	0.002291	-7.6E-05	0.002372
26.64159	0.001222	0.00168	0.001145	0.002372
26.64395	0.000611	0.000458	0.000534	0.000932
26.64632	-0.00183	0.002291	-7.6E-05	0.002934
26.64868	0	0.002902	0.001756	0.003392
26.65104	-0.00061	0.000458	0.001756	0.001915
26.6534	-0.00122	0.001069	0.001756	0.002392
26.65577	-0.00061	0.001069	0.002978	0.003222
26.65813	-0.00061	0.001069	0.001145	0.001682
26.66049	-0.00122	0.002291	0.001756	0.003134
26.66286	0	0.001069	0.001756	0.002056
26.66522	-0.00122	0.001069	0.001756	0.002392
26.66758	-0.00061	0.002902	-7.6E-05	0.002966
26.66994	-0.00122	0.00168	0.001145	0.002372
26.67231	-0.00183	0.00168	-7.6E-05	0.002487
26.67467	-0.00183	0.000458	0.001756	0.002579

26.67703	-0.00122	0.000458	0.001145	0.001736
26.6794	-0.00122	0.00168	0.001756	0.00272
26.68176	-0.00244	0.002291	0.001145	0.00354
26.68412	-0.00183	0.00168	-7.6E-05	0.002487
26.68648	-0.00183	0.00168	-7.6E-05	0.002487
26.68885	0.000611	0.001069	-0.0013	0.001789
26.69121	0.000611	-0.00015	0.000534	0.000826
26.69357	0.000611	0.00168	0.001145	0.002123
26.69593	0.000611	0.002902	-0.00069	0.003044
26.6983	-0.00122	0.00168	0.000534	0.002145
26.70066	0	0.001069	0.001756	0.002056
26.70302	0	0.002291	0.002367	0.003294
26.70539	0.001222	0.001069	0.001145	0.001987
26.70775	0.003054	0.002902	0.000534	0.004247
26.71011	0	0.002291	0.002367	0.003294
26.71247	0.000611	0.001069	0.001756	0.002145
26.71484	0.002443	0.00168	0.001145	0.003179
26.7172	0.002443	-0.00015	0.001145	0.002703
26.71956	0.004276	0.000458	0.001756	0.004645
26.72193	0.002443	-0.00076	0.001756	0.003104
26.72429	0.002443	0.001069	0.001145	0.002903
26.72665	0.002443	0.000458	0.001756	0.003044
26.72901	0.000611	0.001069	0.000534	0.001342
26.73138	0.000611	0.001069	0.002367	0.002668
26.73374	0.000611	0.001069	0.001756	0.002145
26.7361	0.002443	0.002291	0.002367	0.004101
26.73847	0.001222	0.002291	0.001145	0.002838
26.74083	-0.00061	0.00168	0.002367	0.002966
26.74319	-0.00061	0.001069	-7.6E-05	0.001234
26.74555	-0.00183	0.002291	0.001756	0.003419
26.74792	-0.00122	0.000458	0.001756	0.002188
26.75028	-0.00061	0.001069	-0.00069	0.00141
26.75264	0.001222	-0.00015	0.002978	0.003222
26.75501	0.000611	0.000458	0.001756	0.001915
26.75737	0.001833	0.001069	0.002367	0.003179
26.75973	0	-0.00015	0.002367	0.002372
26.76209	0.000611	0.001069	0.002978	0.003222
26.76446	0.001222	0.001069	0.001756	0.002392
26.76682	-0.00061	0.002291	0.002367	0.00335
26.76918	-0.00122	0.001069	0.003589	0.003939
26.77155	-0.00305	0.001069	0.003589	0.004832
26.77391	-0.00183	0.00168	0.002367	0.003433
26.77627	-0.00183	0.00168	0.0042	0.00488
26.77863	0.000611	0.000458	0.002978	0.003074
26.781	-0.00122	0.00168	0.003589	0.004146
26.78336	0	0.000458	0.003589	0.003618
26.78572	0.001222	0.00168	0.001756	0.00272
26.78809	0.000611	0.00168	0.002367	0.002966
26.79045	0.000611	0.00168	0.005421	0.005708
26.79281	0	0.00168	0.002367	0.002903
26.79517	-0.00061	0.00168	0.005421	0.005708
26.79754	0.000611	-0.00015	0.005421	0.005458

26.7999	-0.00061	-0.00015	0.002978	0.003044
26.80226	0	-0.00015	0.00481	0.004813
26.80462	0.001222	0.000458	0.0042	0.004398
26.80699	-0.00183	0.00168	0.002978	0.003879
26.80935	-0.00183	0.002291	0.002367	0.003769
26.81171	-0.00061	0.000458	0.006643	0.006687
26.81408	-0.00183	-0.00076	0.005421	0.005773
26.81644	0.001222	-0.00015	0.00481	0.004965
26.8188	0	0.00168	0.005421	0.005676
26.82116	-0.00183	0.001069	0.005421	0.005822
26.82353	-0.00244	0.001069	0.002978	0.003998
26.82589	-0.00367	0.002291	0.003589	0.005618
26.82825	-0.00305	0.001069	0.003589	0.004832
26.83062	-0.00244	0.002291	0.003589	0.004909
26.83298	-0.00244	-0.00076	0.0042	0.004918
26.83534	-0.00305	-0.00076	0.00481	0.005749
26.8377	0	0.00168	0.0042	0.004523
26.84007	0	0.00168	0.002978	0.003419
26.84243	-0.00122	0.001069	0.002978	0.003392
26.84479	-0.00183	0.001069	0.002367	0.003179
26.84716	0	0.001069	0.001756	0.002056
26.84952	-0.00061	0.00168	0.001145	0.002123
26.85188	0	0.001069	0.001756	0.002056
26.85424	0.000611	0.000458	0.002978	0.003074
26.85661	0.001833	0.000458	0.000534	0.001963
26.85897	0.001222	0.002902	-7.6E-05	0.003149
26.86133	0.001833	0.001069	0.000534	0.002188
26.8637	0.001833	0.00168	-0.00069	0.002579
26.86606	0.001222	-0.00015	0.002367	0.002668
26.86842	-0.00061	0.001069	0.001145	0.001682
26.87078	-0.00061	0.001069	0.002367	0.002668
26.87315	0.001222	-0.00015	0.000534	0.001342
26.87551	-0.00061	0.001069	0.000534	0.001342
26.87787	-0.00122	0.00168	0.001756	0.00272
26.88024	0.000611	0.000458	0.000534	0.000932
26.8826	0	0.001069	0.001145	0.001567
26.88496	-0.00183	0.001069	0.001145	0.002411
26.88732	0	0.00168	0.001145	0.002033
26.88969	0.001222	0.000458	0.001756	0.002188
26.89205	0	0.002902	-7.6E-05	0.002903
26.89441	0	0.000458	0.000534	0.000704
26.89677	-0.00061	0.000458	0.001145	0.001377
26.89914	0.000611	0.000458	0.000534	0.000932
26.9015	0.000611	-0.00015	0.001756	0.001866
26.90386	-0.00061	-0.00076	-7.6E-05	0.000981
26.90623	-0.00061	0.000458	0.001145	0.001377
26.90859	0.000611	0.001069	-0.00069	0.00141
26.91095	0.004276	0.002902	-7.6E-05	0.005168
26.91331	-0.00061	-0.00015	0.001756	0.001866
26.91568	0.001222	0.000458	0.002367	0.002703
26.91804	0.002443	0.000458	0.002367	0.003433
26.9204	0.001833	0.000458	0.001145	0.002209

26.92277	0.003665	0.001069	0.000534	0.003855
26.92513	0.002443	-0.00015	0.001145	0.002703
26.92749	0.002443	-0.00015	0.002367	0.003405
26.92985	0.001833	0.000458	0.002367	0.003028
26.93222	0.001833	0.000458	0.003589	0.004055
26.93458	0.001833	0.00168	0.005421	0.005964
26.93694	-0.00122	0.000458	0.005421	0.005576
26.93931	-0.00183	-0.00015	0.005421	0.005725
26.94167	-0.00244	0.000458	0.008476	0.008833
26.94403	-0.00305	0.000458	0.007254	0.007884
26.94639	-0.00367	0.000458	0.010919	0.011527
26.94876	-0.00489	0.000458	0.010308	0.011417
26.95112	-0.00305	0.000458	0.009086	0.009597
26.95348	-0.00244	-0.00015	0.009697	0.010001
26.95585	-0.00183	0.000458	0.010308	0.01048
26.95821	-0.00183	-0.00015	0.01153	0.011675
26.96057	-0.00122	-0.00015	0.010308	0.010381
26.96293	0.000611	-0.00015	0.009086	0.009108
26.9653	0	-0.00076	0.009697	0.009727
26.96766	0.001222	-0.00137	0.010308	0.010471
26.97002	0.003054	-0.00076	0.010308	0.010778
26.97239	0.002443	0.000458	0.010308	0.010604
26.97475	0.001222	0.00168	0.010308	0.010515
26.97711	0.002443	0.000458	0.010919	0.011198
26.97947	0.001222	0.001069	0.010308	0.010435
26.98184	0.001222	-0.00076	0.010919	0.011014
26.9842	0.001833	0.000458	0.009086	0.009281
26.98656	0.001833	0.002291	0.009086	0.009548
26.98893	-0.00122	0.001069	0.012751	0.012854
26.99129	0.001222	0.002902	0.009697	0.010195
26.99365	-0.00061	0.000458	0.009697	0.009727
26.99601	-0.00122	0.000458	0.01153	0.011603
26.99838	-0.00061	-0.00015	0.012751	0.012767
27.00074	0.001222	-0.00076	0.010919	0.011014
27.0031	0.001222	0.001069	0.010308	0.010435
27.00546	0.000611	0.002291	0.01153	0.011771
27.00783	-0.00061	0.002291	0.01153	0.011771
27.01019	0	-0.00015	0.010919	0.01092
27.01255	-0.00061	0.001069	0.012751	0.012811
27.01492	-0.00061	0.000458	0.012751	0.012774
27.01728	0.000611	0.001069	0.013362	0.013419
27.01964	0	0.000458	0.014584	0.014591
27.022	-0.00122	0.001069	0.016417	0.016497
27.02437	-0.00122	0.004123	0.021914	0.022332
27.02673	-0.00305	0.005956	0.028633	0.029405
27.02909	-0.0055	0.001069	0.032909	0.033383
27.03146	-0.00305	-0.00076	0.029855	0.030021
27.03382	-0.00244	-0.00015	0.028023	0.028129
27.03618	0	0.001069	0.029855	0.029874
27.03854	0	0.002291	0.027412	0.027507
27.04091	0.001222	0.001069	0.027412	0.02746
27.04327	0.002443	-0.00015	0.026801	0.026913

27.04563	0.001222	0.001069	0.02619	0.02624
27.048	0.000611	0.002902	0.028633	0.028787
27.05036	-0.00183	0.001069	0.028023	0.028103
27.05272	-0.00244	-0.00015	0.027412	0.027521
27.05508	-0.00244	0.001069	0.028023	0.028149
27.05745	-0.00305	0.001069	0.028633	0.028816
27.05981	-0.00244	0.000458	0.029855	0.029958
27.06217	-0.00122	0.00168	0.029855	0.029927
27.06454	-0.00183	0.000458	0.029244	0.029305
27.0669	0.000611	-0.00015	0.029855	0.029862
27.06926	0.000611	0.00168	0.03352	0.033568
27.07162	-0.00244	0.002902	0.039018	0.039202
27.07399	-0.00428	0.00168	0.037185	0.037468
27.07635	-0.00672	-0.00015	0.037796	0.038389
27.07871	-0.00672	-0.00076	0.034742	0.035394
27.08108	-0.00611	0.002291	0.03352	0.034149
27.08344	-0.0055	0.002291	0.031688	0.032243
27.0858	-0.00305	-0.00015	0.032299	0.032443
27.08816	-0.00183	-0.00076	0.032909	0.032969
27.09053	-0.00061	-0.00137	0.034131	0.034164
27.09289	0.000611	-0.00076	0.035964	0.035977
27.09525	0	0.001069	0.035964	0.03598
27.09761	0	-0.00076	0.037796	0.037804
27.09998	-0.00183	-0.00015	0.037185	0.037231
27.10234	-0.00061	0.001069	0.042683	0.042701
27.1047	-0.00367	0.003512	0.048791	0.049055
27.10707	-0.00367	0.001069	0.050013	0.050159
27.10943	-0.00122	0.000458	0.046348	0.046366
27.11179	0.001222	-0.0026	0.045737	0.045827
27.11415	0.006108	-0.00137	0.044515	0.044954
27.11652	0.004887	-0.00076	0.044515	0.044789
27.11888	0.004887	0.000458	0.043905	0.044178
27.12124	0.006719	-0.00137	0.046348	0.046853
27.12361	0.006719	-0.00015	0.046348	0.046833
27.12597	0.004887	-0.00015	0.048791	0.049036
27.12833	0.004276	0.000458	0.050013	0.050198
27.13069	0.003054	0.002291	0.048181	0.048332
27.13306	0.000611	0.001069	0.045126	0.045143
27.13542	0.000611	0.001069	0.053678	0.053692
27.13778	0	0.003512	0.058565	0.05867
27.14015	0.001833	0.002902	0.057954	0.058056
27.14251	0.002443	-0.00076	0.057954	0.058011
27.14487	0.003665	-0.00199	0.053067	0.053231
27.14723	0.005498	0.000458	0.053067	0.053353
27.1496	0.006719	-0.00015	0.050624	0.051068
27.15196	0.004887	-0.00015	0.050013	0.050252
27.15432	0.005498	-0.00015	0.051235	0.051529
27.15669	0.003054	-0.00015	0.053678	0.053765
27.15905	0.000611	0.00168	0.056122	0.05615
27.16141	-0.00122	0.002291	0.06223	0.062284
27.16377	-0.00367	0.004734	0.065895	0.066167
27.16614	-0.00367	0.002902	0.063452	0.063624

27.1685	-0.00367	-0.00076	0.063452	0.063562
27.17086	-0.00122	-0.00321	0.060398	0.060495
27.17323	0.000611	-0.00015	0.057343	0.057347
27.17559	0.002443	0.000458	0.056122	0.056177
27.17795	0.003665	0.000458	0.056732	0.056853
27.18031	0.000611	0.001069	0.059787	0.059799
27.18268	-0.00183	0.002291	0.064063	0.06413
27.18504	-0.00305	0.002902	0.061619	0.061763
27.1874	-0.00305	-0.00076	0.057343	0.05743
27.18977	-0.00244	-0.0026	0.051846	0.051968
27.19213	-0.00367	-0.00137	0.046348	0.046513
27.19449	-0.00305	-0.00015	0.042072	0.042183
27.19685	-0.00244	-0.00137	0.042072	0.042165
27.19922	-0.00305	-0.00076	0.044515	0.044627
27.20158	-0.00244	0.001069	0.046348	0.046425
27.20394	-0.00061	0.001069	0.04085	0.040869
27.2063	-0.00061	-0.00137	0.034742	0.034774
27.20867	-0.00122	-0.00199	0.028633	0.028728
27.21103	-0.00122	-0.00015	0.023747	0.023779
27.21339	0.001222	0.000458	0.01886	0.018905
27.21576	0	-0.00076	0.015195	0.015214
27.21812	0.001222	-0.00015	0.014584	0.014636
27.22048	-0.00122	0.002291	0.010919	0.011223
27.22284	-0.00428	0.007788	0.006032	0.010739
27.22521	-0.00489	0.012675	0.007865	0.015697
27.22757	-0.0055	0.012064	0.016417	0.021101
27.22993	-0.00428	0.005345	0.023136	0.024127
27.2323	-0.00244	-0.00137	0.023136	0.023305
27.23466	-0.00305	-0.0026	0.015806	0.016306
27.23702	-0.00183	0.000458	0.01153	0.011683
27.23938	0.002443	0.002902	0.012141	0.012719
27.24175	0.006108	0.00168	0.012141	0.013694
27.24411	0.010384	-0.00137	0.012141	0.016035
27.24647	0.010995	-0.00443	0.012751	0.01741
27.24884	0.009163	-0.0026	0.009086	0.013163
27.2512	0.006719	0.001069	0.005421	0.0087
27.25356	0.001833	0.003512	0.000534	0.003998
27.25592	-0.00061	0.004123	-0.00557	0.00696
27.25829	-0.00244	-0.00015	-0.00924	0.009558
27.26065	-0.00428	0.001069	-0.01046	0.011351
27.26301	-0.00489	0.000458	-0.00924	0.010462
27.26538	-0.00244	0.002291	-0.01046	0.010984
27.26774	0.002443	0.00168	-0.01474	0.015032
27.2701	0.006108	-0.00137	-0.01474	0.016012
27.27246	0.012217	-0.00137	-0.01718	0.021126
27.27483	0.011606	-0.00076	-0.01962	0.022812
27.27719	0.007941	0.001069	-0.0184	0.020071
27.27955	0.006108	0.000458	-0.01901	0.019975
27.28192	0.002443	-0.00015	-0.02085	0.020988
27.28428	-0.00305	0.001069	-0.0239	0.024117
27.28664	-0.00611	0.00168	-0.02146	0.022372
27.289	-0.00977	0.001069	-0.02146	0.023601

27.29137	-0.01161	0.002291	-0.02146	0.024501
27.29373	-0.01161	0.001069	-0.02146	0.024417
27.29609	-0.01222	0.000458	-0.02023	0.023641
27.29846	-0.01161	0.00168	-0.0184	0.021821
27.30082	-0.00977	0.002902	-0.01413	0.017421
27.30318	-0.00855	0.00168	-0.01413	0.016598
27.30554	-0.00733	0.002902	-0.01474	0.016713
27.30791	-0.00672	0.003512	-0.01107	0.013419
27.31027	-0.00794	0.004123	-0.00863	0.01243
27.31263	-0.0055	0.004123	-0.00741	0.010104
27.31499	-0.00611	0.003512	-0.00496	0.008619
27.31736	-0.00794	0.005345	-0.00313	0.010071
27.31972	-0.00855	0.005345	-0.00435	0.010984
27.32208	-0.00916	0.005956	-0.00618	0.012557
27.32445	-0.00916	0.005956	-0.00741	0.013202
27.32681	-0.00794	0.006567	-0.00985	0.014255
27.32917	-0.00489	0.007177	-0.0129	0.015554
27.33153	-0.00367	0.007177	-0.01779	0.019531
27.3339	-0.00122	0.005956	-0.0239	0.024661
27.33626	0.002443	0.006567	-0.03428	0.034992
27.33862	0.005498	0.006567	-0.0465	0.047283
27.34099	0.004887	0.006567	-0.05872	0.059285
27.34335	0.004887	0.007177	-0.07582	0.076317
27.34571	0.003665	0.010232	-0.10026	0.100843
27.34807	0.001222	0.009621	-0.12774	0.128111
27.35044	-0.00122	0.00901	-0.14973	0.15001
27.3528	-0.00305	0.007177	-0.15645	0.156648
27.35516	-0.00489	0.004123	-0.15279	0.152922
27.35753	-0.00733	0.002902	-0.13935	0.139572
27.35989	-0.00977	0.003512	-0.12286	0.123295
27.36225	-0.0171	0.002291	-0.10759	0.108961
27.36461	-0.02627	0.00168	-0.09231	0.095993
27.36698	-0.03237	0.002902	-0.08498	0.090988
27.36934	-0.04093	-0.00137	-0.07888	0.088872
27.3717	-0.04581	-0.00321	-0.07643	0.089169
27.37407	-0.04642	-0.00137	-0.06971	0.083768
27.37643	-0.04459	-0.00076	-0.06116	0.075695
27.37879	-0.03971	-0.00137	-0.05139	0.064954
27.38115	-0.03848	-0.00504	-0.04039	0.056017
27.38352	-0.04032	-0.0026	-0.03062	0.050691
27.38588	-0.03787	-0.00565	-0.0184	0.042484
27.38824	-0.03848	-0.01787	-0.0013	0.042449
27.39061	-0.0452	-0.01848	0.01886	0.052349
27.39297	-0.05498	-0.01603	0.044515	0.072534
27.39533	-0.06597	-0.01665	0.079334	0.104514
27.39769	-0.08857	-0.0142	0.118428	0.148567
27.40006	-0.11301	0.00168	0.150192	0.187965
27.40242	-0.12522	0.005956	0.179513	0.218955
27.40478	-0.12095	-0.00015	0.205168	0.238165
27.40714	-0.10995	-0.01176	0.223494	0.249354
27.40951	-0.10323	-0.00748	0.228381	0.25074
27.41187	-0.10934	0.008399	0.22777	0.252795

27.41423	-0.12461	0.010232	0.219218	0.252368
27.4166	-0.13683	-0.02092	0.210666	0.252072
27.41896	-0.14538	-0.03619	0.208833	0.257016
27.42132	-0.15393	-0.02581	0.221661	0.2711
27.42368	-0.15516	-0.01603	0.240597	0.286736
27.42605	-0.14599	0.009621	0.255258	0.294216
27.42841	-0.12706	0.054213	0.262588	0.296706
27.43077	-0.09774	0.076814	0.276637	0.303284
27.43314	-0.08796	-0.0087	0.282746	0.29624
27.4355	-0.09468	-0.1156	0.292519	0.328476
27.43786	-0.08979	-0.09422	0.290076	0.317939
27.44022	-0.07636	0.031611	0.289465	0.301031
27.44259	-0.04459	0.14584	0.302904	0.339129
27.44495	-0.01222	0.116519	0.320008	0.34078
27.44731	0.02138	0.00168	0.33589	0.336574
27.44968	0.03604	-0.10888	0.356658	0.374646
27.45204	0.069637	-0.13515	0.376206	0.405765
27.4544	0.105066	-0.06735	0.380481	0.400425
27.45676	0.109953	-0.04474	0.385979	0.403821
27.45913	0.085519	-0.11255	0.389644	0.414492
27.46149	0.071469	-0.15225	0.381092	0.416558
27.46385	0.095292	-0.1156	0.381092	0.409483
27.46622	0.082464	-0.07407	0.390866	0.406278
27.46858	0.025656	-0.01787	0.387812	0.38907
27.47094	-0.07513	0.068262	0.382314	0.395561
27.4733	-0.17104	0.122017	0.367654	0.423451
27.47567	-0.24617	0.145229	0.349328	0.451356
27.47803	-0.28893	0.157446	0.331614	0.467159
27.48039	-0.30054	0.172106	0.325505	0.475286
27.48276	-0.28221	0.147672	0.322451	0.453238
27.48512	-0.24617	0.078647	0.316953	0.408956
27.48748	-0.18875	0.027335	0.317564	0.370434
27.48984	-0.12461	0.020616	0.312677	0.337225
27.49221	-0.07147	0.020616	0.304736	0.313683
27.49457	-0.02688	0.023059	0.292519	0.294655
27.49693	-0.00183	-0.00199	0.287633	0.287645
27.4993	0	0.004123	0.29313	0.293159
27.50166	-0.02199	0.026725	0.286411	0.288494
27.50402	-0.05192	0.040163	0.273583	0.281348
27.50638	-0.08124	0.05238	0.253425	0.271235
27.50875	-0.10812	0.064597	0.221661	0.254944
27.51111	-0.124	0.067651	0.190508	0.237163
27.51347	-0.13133	0.083533	0.162409	0.22495
27.51583	-0.13866	0.08109	0.136143	0.210565
27.5182	-0.14233	0.072538	0.109876	0.193886
27.52056	-0.13011	0.074371	0.081166	0.170434
27.52292	-0.11056	0.07376	0.061619	0.146498
27.52529	-0.08491	0.090864	0.056732	0.13669
27.52765	-0.06108	0.092696	0.049402	0.121509
27.53001	-0.03115	0.041385	0.035964	0.06306
27.53237	0.003054	-0.01298	0.023747	0.027235
27.53474	0.039705	-0.03497	0.020692	0.056812

27.5371	0.07208	-0.01176	0.035353	0.081139
27.53946	0.080632	0.025503	0.048791	0.097634
27.54183	0.06475	0.040774	0.052457	0.092773
27.54419	0.03604	0.038942	0.039629	0.066225
27.54655	0.000611	0.05971	0.032909	0.068182
27.54891	-0.03237	0.10308	0.045737	0.117327
27.55128	-0.06536	0.123238	0.064673	0.153761
27.55364	-0.10873	0.115908	0.085442	0.180437
27.556	-0.14721	0.114687	0.104379	0.213822
27.55837	-0.1576	0.107356	0.14897	0.241981
27.56073	-0.16554	0.134234	0.194173	0.288314
27.56309	-0.17165	0.141564	0.243041	0.329503
27.56545	-0.15332	0.101248	0.303515	0.354796
27.56782	-0.10201	0.017562	0.381703	0.39549
27.57018	-0.03299	-0.04841	0.475163	0.47876
27.57254	0.024434	-0.06796	0.542356	0.547143
27.57491	0.053144	-0.04413	0.596721	0.600707
27.57727	0.064139	-0.01665	0.630929	0.634399
27.57963	0.092849	-0.0423	0.629707	0.63792
27.58199	0.082464	-0.00565	0.573509	0.579435
27.58436	0.060474	-0.09239	0.497764	0.509865
27.58672	0.059863	-0.15409	0.451951	0.481233
27.58908	0.030542	-0.00015	0.454394	0.455419
27.59145	-0.03421	0.106746	0.484326	0.497128
27.59381	-0.10323	0.085977	0.496542	0.514396
27.59617	-0.14172	0.001069	0.489823	0.509913
27.59853	-0.13378	-0.03497	0.424462	0.446416
27.6009	-0.09346	0.000458	0.351772	0.363976
27.60326	-0.0281	0.007177	0.297406	0.298817
27.60562	0.020158	-0.0478	0.26381	0.268862
27.60798	0.054365	-0.08506	0.222883	0.244679
27.61035	0.073913	-0.08078	0.17768	0.208709
27.61271	0.078799	-0.05574	0.14836	0.176994
27.61507	0.076967	-0.05146	0.142251	0.169729
27.61744	0.06475	-0.05391	0.167907	0.187859
27.6198	0.039094	-0.03741	0.186232	0.193934
27.62216	0.004887	-0.01909	0.19173	0.19274
27.62452	-0.02382	-0.0423	0.208833	0.214402
27.62689	-0.0507	-0.06918	0.183789	0.202816
27.62925	-0.05559	-0.04413	0.127591	0.146004
27.63161	-0.05803	0.001069	0.073836	0.093917
27.63398	-0.05925	0.026725	0.023136	0.068995
27.63634	-0.05864	0.025503	-0.03978	0.075311
27.6387	-0.04337	0.010843	-0.10087	0.110329
27.64106	-0.01771	-0.00809	-0.1479	0.149178
27.64343	0.013439	-0.01787	-0.19494	0.196214
27.64579	0.036651	-0.03864	-0.26641	0.271676
27.64815	0.055587	-0.03986	-0.31222	0.319624
27.65052	0.070247	-0.03497	-0.31344	0.323114
27.65288	0.054976	-0.04291	-0.31588	0.323492
27.65524	0.036651	-0.06002	-0.31527	0.323021
27.6576	0.016493	-0.06918	-0.30306	0.311289

27.65997	0.016493	-0.07651	-0.28656	0.29706
27.66233	0.018325	-0.09239	-0.26763	0.283719
27.66469	0.017715	-0.09056	-0.25541	0.271568
27.66706	0.01466	-0.07773	-0.2548	0.266795
27.66942	0.009163	-0.09117	-0.22792	0.245651
27.67178	0.016493	-0.11133	-0.19677	0.22668
27.67414	0.029932	-0.09422	-0.17783	0.203466
27.67651	0.029932	-0.05635	-0.16806	0.179764
27.67887	0.022601	-0.02825	-0.16867	0.172507
27.68123	0.006108	-0.01909	-0.17234	0.173497
27.6836	-0.02077	-0.01054	-0.16073	0.162408
27.68596	-0.04459	0.003512	-0.15584	0.162135
27.68832	-0.05986	0.004123	-0.16012	0.170993
27.69068	-0.05986	-0.00321	-0.16317	0.173837
27.69305	-0.03421	-0.02336	-0.16623	0.171311
27.69541	0.003665	-0.04841	-0.17539	0.181985
27.69777	0.05803	-0.06674	-0.19066	0.210173
27.70014	0.111174	-0.04902	-0.19494	0.229702
27.7025	0.146603	-0.04047	-0.19494	0.247246
27.70486	0.164318	-0.06918	-0.20166	0.269168
27.70722	0.161264	-0.08445	-0.21204	0.279462
27.70959	0.139884	-0.07895	-0.21876	0.271398
27.71195	0.106898	-0.06185	-0.2377	0.267865
27.71431	0.078799	-0.04963	-0.25785	0.274155
27.71667	0.05803	-0.05085	-0.27496	0.285579
27.71904	0.047035	-0.04169	-0.28962	0.29636
27.7214	0.038483	-0.01054	-0.30245	0.305066
27.72376	0.038483	0.020616	-0.32016	0.323123
27.72613	0.049479	0.020005	-0.33299	0.337238
27.72849	0.065972	-0.00809	-0.33849	0.34495
27.73085	0.091627	-0.0307	-0.33604	0.34966
27.73321	0.114839	-0.02581	-0.33604	0.35606
27.73558	0.128889	-0.01848	-0.33665	0.360956
27.73794	0.138662	-0.02459	-0.33543	0.363794
27.7403	0.141106	-0.04291	-0.34093	0.371463
27.74267	0.132554	-0.04902	-0.3391	0.367369
27.74503	0.114228	-0.03131	-0.34093	0.360917
27.74739	0.100179	-0.01298	-0.33665	0.351482
27.74975	0.086129	-0.02092	-0.3336	0.345173
27.75212	0.090405	-0.03986	-0.33177	0.346166
27.75448	0.11545	-0.0594	-0.32932	0.353993
27.75684	0.143549	-0.06857	-0.32932	0.365734
27.75921	0.158209	-0.05879	-0.32199	0.363547
27.76157	0.153323	-0.02336	-0.31955	0.355198
27.76393	0.106898	0.027946	-0.3055	0.324867
27.76629	0.04337	0.058489	-0.29206	0.301001
27.76866	-0.01771	0.08109	-0.27862	0.290723
27.77102	-0.07575	0.10308	-0.26396	0.293324
27.77338	-0.11179	0.110411	-0.25541	0.299868
27.77575	-0.13072	0.077425	-0.24808	0.290906
27.77811	-0.12339	0.049326	-0.24991	0.283046
27.78047	-0.09102	0.041385	-0.25785	0.27656

27.78283	-0.03176	0.043217	-0.25602	0.261579
27.7852	0.032986	0.012675	-0.25175	0.254213
27.78756	0.089184	-0.01481	-0.24503	0.261172
27.78992	0.13011	-0.01115	-0.23525	0.269066
27.79229	0.15149	-0.00076	-0.22181	0.26861
27.79465	0.158209	0.00168	-0.21632	0.268003
27.79701	0.138051	-0.02031	-0.20471	0.247744
27.79937	0.101401	-0.01481	-0.19005	0.215918
27.80174	0.060474	0.029168	-0.1815	0.193518
27.8041	0.034207	0.053602	-0.17234	0.183692
27.80646	0.008552	0.032222	-0.16012	0.163552
27.80883	-0.00611	0.00901	-0.15523	0.155613
27.81119	-0.00489	0.013897	-0.15279	0.153497
27.81355	0.025045	0.048104	-0.15401	0.16328
27.81591	0.077578	0.054824	-0.15096	0.178358
27.81828	0.125224	0.022449	-0.14973	0.196482
27.82064	0.153934	-0.02275	-0.15218	0.217649
27.823	0.160653	-0.03253	-0.15218	0.223663
27.82536	0.152101	0.003512	-0.15157	0.214754
27.82773	0.13011	0.028557	-0.14912	0.199955
27.83009	0.103233	0.024281	-0.14118	0.176576
27.83245	0.075745	0.014508	-0.12958	0.15079
27.83482	0.064139	0.011453	-0.11858	0.135301
27.83718	0.061696	0.013286	-0.11369	0.130035
27.83954	0.06475	0.022449	-0.11003	0.129626
27.8419	0.073302	0.020005	-0.11003	0.133715
27.84427	0.095292	-0.00137	-0.10942	0.145103
27.84663	0.120337	0.002902	-0.1082	0.161851
27.84899	0.130721	0.017562	-0.11369	0.174134
27.85136	0.133776	0.001069	-0.11553	0.176758
27.85372	0.134386	-0.01298	-0.11736	0.178889
27.85608	0.127667	-0.0087	-0.11919	0.174875
27.85844	0.114839	-0.00199	-0.11492	0.162473
27.86081	0.098346	0.005956	-0.11308	0.149984
27.86317	0.084297	0.012064	-0.11125	0.140101
27.86553	0.073302	0.012064	-0.11247	0.134791
27.8679	0.06475	0.005956	-0.1082	0.126232
27.87026	0.05803	0.002291	-0.10759	0.12226
27.87262	0.053144	0.006567	-0.10881	0.12127
27.87498	0.053144	0.010843	-0.10697	0.119939
27.87735	0.053144	0.006567	-0.10575	0.118537
27.87971	0.061085	0.003512	-0.10514	0.121649
27.88207	0.067193	0.002902	-0.1027	0.122761
27.88444	0.070858	0.001069	-0.10087	0.123272
27.8868	0.070247	0.003512	-0.10331	0.12498
27.88916	0.06475	0.000458	-0.10575	0.124002
27.89152	0.061696	-0.00321	-0.10087	0.118282
27.89389	0.05803	-0.00443	-0.09476	0.111203
27.89625	0.054976	-0.00809	-0.09415	0.109323
27.89861	0.053755	-0.00565	-0.0917	0.106447
27.90098	0.047646	0.00168	-0.08682	0.099046
27.90334	0.043981	0.002291	-0.0801	0.091407

27.9057	0.04337	-0.00076	-0.0746	0.086294
27.90806	0.043981	-0.00015	-0.06849	0.081397
27.91043	0.040927	-0.00076	-0.06299	0.075125
27.91279	0.042148	-0.00321	-0.06422	0.076879
27.91515	0.040316	-0.00137	-0.06727	0.078438
27.91751	0.037873	0.001069	-0.06422	0.074559
27.91988	0.032986	-0.00137	-0.06177	0.070041
27.92224	0.029932	-0.00321	-0.05994	0.067074
27.9246	0.026266	-0.00321	-0.05994	0.065521
27.92697	0.022601	-0.00137	-0.0575	0.061794
27.92933	0.017104	-0.0026	-0.05139	0.054221
27.93169	0.010995	0.000458	-0.04528	0.046597
27.93405	0.001833	-0.00015	-0.04284	0.042875
27.93642	-0.00183	0.001069	-0.03978	0.039838
27.93878	-0.00855	0.00168	-0.03673	0.037747
27.94114	-0.01466	0.002902	-0.03489	0.03796
27.94351	-0.01833	0.002291	-0.03123	0.036282
27.94587	-0.02688	0.000458	-0.02634	0.037637
27.94823	-0.02749	0.002291	-0.01596	0.031867
27.95059	-0.03054	0.001069	-0.00924	0.031927
27.95296	-0.03299	0.00168	-0.00313	0.033177
27.95532	-0.03421	0.005345	-7.6E-05	0.034623
27.95768	-0.03237	0.005956	-0.00069	0.032925
27.96005	-0.02871	0.004734	-0.0013	0.029126
27.96241	-0.02627	0.004734	-0.00069	0.026698
27.96477	-0.02321	0.003512	-0.0013	0.023512
27.96713	-0.02138	0.002902	-0.0013	0.021615
27.9695	-0.02016	0.002902	-0.00069	0.020377
27.97186	-0.01833	0.003512	0.000534	0.018667
27.97422	-0.0171	0.00168	0.000534	0.017194
27.97659	-0.01771	0.000458	0.000534	0.017729
27.97895	-0.01833	0.002902	-0.00252	0.018724
27.98131	-0.01649	0.003512	-0.00069	0.016877
27.98367	-0.01649	0.00168	-0.0013	0.016629
27.98604	-0.01466	0.003512	-0.00069	0.015091
27.9884	-0.01161	0.002902	-0.00069	0.011983
27.99076	-0.01038	0.002291	0.000534	0.010647
27.99313	-0.00733	0.002291	-7.6E-05	0.00768
27.99549	-0.00672	0.00168	-7.6E-05	0.006927
27.99785	-0.00367	0.002291	-7.6E-05	0.004323
28.00021	-0.00305	0.00168	-7.6E-05	0.003487
28.00258	-0.00428	0.000458	0.000534	0.004333
28.00494	-0.00733	0.00168	-7.6E-05	0.007521
28.0073	-0.00733	0.00168	0.001145	0.007607
28.00967	-0.00794	0.00168	0.003589	0.008875
28.01203	-0.00855	0.00168	0.001145	0.00879
28.01439	-0.00916	0.002902	0.002367	0.009898
28.01675	-0.00794	0.003512	0.000534	0.0087
28.01912	-0.00855	0.004734	0.000534	0.009789
28.02148	-0.0055	0.002291	0.001145	0.006065
28.02384	-0.00428	0.00168	0.002367	0.005168
28.0262	-0.00489	0.001069	0.001756	0.005302

28.02857	0	-0.00076	0.000534	0.000932
28.03093	0.001833	-0.00076	-0.00069	0.002101
28.03329	0.006108	-0.00015	0.000534	0.006134
28.03566	0.00733	-0.00199	-0.00069	0.007625
28.03802	0.00733	-0.00199	-7.6E-05	0.007595
28.04038	0.012217	0.000458	-0.00069	0.012245
28.04274	0.012217	-0.00137	0.002978	0.01265
28.04511	0.012217	-0.00015	0.001756	0.012343
28.04747	0.014049	-0.00137	0.001756	0.014225
28.04983	0.016493	0.000458	0.002367	0.016668
28.0522	0.012828	-0.00015	0.002367	0.013045
28.05456	0.009163	0.001069	0.002367	0.009524
28.05692	0.006719	-0.00076	0.000534	0.006784
28.05928	0.003665	-0.00076	0.001756	0.004135
28.06165	0	0.000458	0.001145	0.001234
28.06401	-0.00428	-0.00015	0.001756	0.004625
28.06637	-0.00855	-0.00015	0.002367	0.008875
28.06874	-0.01038	0.002291	-7.6E-05	0.010634
28.0711	-0.01038	0.001069	0.001145	0.010502
28.07346	-0.00977	-0.00076	0.001145	0.00987
28.07582	-0.00855	0.00168	-7.6E-05	0.008716
28.07819	-0.00611	0.000458	0.002367	0.006567
28.08055	-0.00183	-0.00076	0.000534	0.002056
28.08291	-0.00061	-0.00321	0.001756	0.003707
28.08528	0.000611	-0.0026	-7.6E-05	0.002668
28.08764	0.001833	-0.00137	0.001756	0.002886
28.09	0	-0.00015	0.001756	0.001763
28.09236	-0.00061	-0.00137	0.000534	0.001596
28.09473	-0.00367	0.000458	0.000534	0.003732
28.09709	-0.00367	-0.00076	0.000534	0.003782
28.09945	-0.0055	0.002902	-0.00069	0.006254
28.10182	-0.00794	0.001069	0.001145	0.008094
28.10418	-0.00611	-0.00076	0.000534	0.006179
28.10654	-0.0055	-0.00015	0.001145	0.005618
28.1089	-0.00611	0.00168	-7.6E-05	0.006336
28.11127	-0.0055	0.000458	-7.6E-05	0.005517
28.11363	-0.00305	-0.00015	0.000534	0.003104
28.11599	-0.00305	0.000458	0.000534	0.003134
28.11836	-0.00061	0.001069	0.000534	0.001342
28.12072	-0.00061	0.001069	-0.00069	0.00141
28.12308	-0.00122	0.001069	-0.00191	0.002506
28.12544	-0.00061	0.000458	-7.6E-05	0.000767
28.12781	0.000611	-0.00015	-0.00069	0.000932
28.13017	-0.00244	0.000458	-0.0013	0.002804
28.13253	-0.00122	-0.00015	0.001756	0.002145
28.13489	-0.00122	0.00168	-0.00069	0.002188
28.13726	-0.00061	0.001069	-0.00252	0.002804
28.13962	-0.00183	0.002902	-0.00069	0.0035
28.14198	-0.00305	0.00168	-0.0013	0.00372
28.14435	-0.00489	-0.00015	-7.6E-05	0.00489
28.14671	-0.00672	0.00168	0.001145	0.00702
28.14907	-0.0055	0.002291	-0.00069	0.005995

28.15143	-0.00672	-0.00015	0.000534	0.006742
28.1538	-0.0055	0.000458	0.000534	0.005543
28.15616	-0.00611	-0.00076	-7.6E-05	0.006156
28.15852	-0.00733	0.000458	0.000534	0.007364
28.16089	-0.00611	0.000458	0.001756	0.006372
28.16325	-0.00489	0.001069	-7.6E-05	0.005003
28.16561	-0.00428	0.00168	-7.6E-05	0.004595
28.16797	-0.00428	0.001069	0.001145	0.004554
28.17034	-0.00244	0.002291	0.001145	0.00354
28.1727	-0.00244	0.001069	0.000534	0.00272
28.17506	-0.00244	-0.00015	0.001145	0.002703
28.17743	-0.00428	0.001069	0.001756	0.004745
28.17979	-0.00305	-0.00015	0.002367	0.003867
28.18215	-0.00428	0.00168	0.001756	0.004918
28.18451	-0.00305	-0.00076	0.001145	0.00335
28.18688	-0.00244	0.000458	0.001145	0.002737
28.18924	-0.00305	0.002291	0.001756	0.004202
28.1916	-0.00305	0.000458	0.002367	0.003891
28.19397	-0.00305	0.001069	0.002978	0.004398
28.19633	-0.00305	-0.00076	0.002367	0.003939
28.19869	-0.00122	-0.00076	0.003589	0.003867
28.20105	0.000611	0.000458	0.002367	0.002487
28.20342	0.001833	0.00168	0.0042	0.00488
28.20578	0.004276	0.001069	0.003589	0.005684
28.20814	0.005498	-0.00076	0.001756	0.005822
28.21051	0.005498	-0.0026	-7.6E-05	0.00608
28.21287	0.004887	-0.00076	0.001756	0.005249
28.21523	0.004887	-0.00076	0.001756	0.005249
28.21759	0.004887	-0.00199	0.000534	0.005302
28.21996	0.004276	0.001069	0.001145	0.004554
28.22232	0.004887	0.001069	0.000534	0.005031
28.22468	0.001833	0.002291	0.001756	0.003419
28.22704	0	0.00168	-7.6E-05	0.001682
28.22941	0.000611	0.001069	0.002978	0.003222
28.23177	-0.00061	0.000458	-7.6E-05	0.000767
28.23413	-0.00122	-0.00015	0.002367	0.002668
28.2365	-0.00122	0.002291	0.001145	0.002838
28.23886	-0.00122	0.000458	-7.6E-05	0.001307
28.24122	-0.00061	-0.00015	-0.00069	0.000932
28.24358	-0.00367	0.00168	-0.0013	0.004236
28.24595	-0.00122	0.00168	-7.6E-05	0.002079
28.24831	-0.00061	0.00168	-7.6E-05	0.001789
28.25067	-0.00122	0.00168	-0.00069	0.002188
28.25304	-0.00183	0.001069	-0.00191	0.002854
28.2554	-0.00061	0.00168	-7.6E-05	0.001789
28.25776	-0.00122	0.000458	-0.00069	0.001475
28.26012	0	0.001069	-0.00191	0.002188
28.26249	-0.00061	0.001069	-0.0013	0.001789
28.26485	0.000611	0.001069	0.000534	0.001342
28.26721	0	0.002291	-0.0013	0.002633
28.26958	0.000611	0.001069	-7.6E-05	0.001234
28.27194	0.001222	0.002291	0.000534	0.002651

28.2743	0.001222	0.000458	0.001145	0.001736
28.27666	0.002443	0.001069	-0.00069	0.002754
28.27903	0.001222	-0.00015	0.001145	0.001682
28.28139	0.003665	0.001069	-7.6E-05	0.003819
28.28375	0.003054	0.002291	-0.00069	0.003879
28.28612	0.002443	0.001069	-7.6E-05	0.002668
28.28848	0.003054	0.00168	0.000534	0.003526
28.29084	-0.00183	-0.00199	0.0042	0.004994
28.2932	0.006108	0.002291	-0.00069	0.00656
28.29557	0.005498	0.00168	-7.6E-05	0.005749
28.29793	0.005498	0.000458	0.001145	0.005634
28.30029	0.006108	0.00168	0.000534	0.006358
28.30266	0.00733	0.001069	-7.6E-05	0.007408
28.30502	0.006719	0.000458	-7.6E-05	0.006735
28.30738	0.007941	-0.00015	-7.6E-05	0.007943
28.30974	0.009163	0.00168	0.000534	0.009331
28.31211	0.00733	-0.00015	0.001145	0.007421
28.31447	0.005498	-0.00137	-0.0013	0.005814
28.31683	0.004887	-0.00076	0.001145	0.005077
28.3192	0.004887	-0.00076	0.002367	0.005483
28.32156	0.004276	-0.00076	0.001145	0.004492
28.32392	0.002443	-0.00076	0.002367	0.003487
28.32628	0.000611	-0.00015	0.001145	0.001307
28.32865	0	0.000458	0.002367	0.002411
28.33101	-0.00183	-0.00015	0.002978	0.0035
28.33337	-0.00122	0.000458	0.002367	0.002703
28.33573	-0.00183	0.000458	0.002367	0.003028
28.3381	-0.00061	0.000458	0.001145	0.001377
28.34046	-0.00061	-0.00015	0.001756	0.001866
28.34282	-0.00183	0.000458	0.002367	0.003028
28.34519	-0.00305	0.000458	0.002367	0.003891
28.34755	-0.00183	0.00168	-7.6E-05	0.002487
28.34991	-0.00489	-0.00015	-7.6E-05	0.00489
28.35227	-0.00428	-0.00076	0.000534	0.004376
28.35464	-0.0055	-0.00137	0.001145	0.005781
28.357	-0.00611	0.000458	0.002978	0.006811
28.35936	-0.00733	0.002291	0.003589	0.008477
28.36173	-0.00672	0.00168	0.003589	0.007801
28.36409	-0.00855	0.001069	0.003589	0.009336
28.36645	-0.00672	0.00168	0.001756	0.007145
28.36881	-0.00672	0.001069	0.001145	0.0069
28.37118	-0.00611	0.002291	0.000534	0.006546
28.37354	-0.00672	0.00168	0.002367	0.007319
28.3759	-0.00367	0.00168	0.001756	0.004398
28.37827	-0.00428	0.001069	0.001756	0.004745
28.38063	-0.00489	0.001069	0.001756	0.005302
28.38299	-0.00489	0.000458	0.000534	0.004937
28.38535	-0.00367	0.00168	-0.00191	0.004461
28.38772	-0.00367	0.001069	-7.6E-05	0.003819
28.39008	-0.00489	0.000458	0.001145	0.00504
28.39244	-0.00367	0.000458	-0.00069	0.003757
28.39481	-0.00305	0.000458	-7.6E-05	0.003089

28.39717	-0.00489	-0.00015	-0.0013	0.005059
28.39953	-0.0055	0.001069	-0.00069	0.005643
28.40189	-0.0055	0.001069	0.000534	0.005626
28.40426	-0.00489	0.001069	0.001756	0.005302
28.40662	-0.0055	0.00168	-7.6E-05	0.005749
28.40898	-0.0055	0.002291	-7.6E-05	0.005956
28.41135	-0.00672	0.001069	0.000534	0.006825
28.41371	-0.00489	0.001069	0.000534	0.005031
28.41607	-0.0055	0.00168	-0.00191	0.006057
28.41843	-0.0055	0.002291	-7.6E-05	0.005956
28.4208	-0.00611	0.001069	-7.6E-05	0.006202
28.42316	-0.00672	0.00168	0.000534	0.006947
28.42552	-0.00611	0.003512	-0.00191	0.0073
28.42789	-0.00672	0.002291	-0.00069	0.007132
28.43025	-0.00611	0.000458	0.002367	0.006567
28.43261	-0.00367	0.001069	-7.6E-05	0.003819
28.43497	-0.00489	0.001069	0.001145	0.005132
28.43734	-0.00428	0.000458	0.000534	0.004333
28.4397	-0.00611	0.001069	0.001145	0.006306
28.44206	-0.00244	0.000458	0.003589	0.004366
28.44442	-0.00305	0.00168	0.002978	0.004585
28.44679	-0.00367	0.002902	0.000534	0.004705
28.44915	-0.00183	0.00168	-7.6E-05	0.002487
28.45151	-0.00183	0.00168	-7.6E-05	0.002487
28.45388	-0.00244	0.003512	0.001145	0.004429
28.45624	-0.00305	0.002291	0.001145	0.003986
28.4586	-0.00061	0.002291	0.002367	0.00335
28.46096	-0.00122	0.00168	0.002978	0.003631
28.46333	-0.00183	0.000458	0.000534	0.001963
28.46569	-0.00061	0.00168	-7.6E-05	0.001789
28.46805	-0.00183	0.002291	0.000534	0.002982
28.47042	-0.00183	0.000458	0.001145	0.002209
28.47278	-0.00183	0.000458	0.002367	0.003028
28.47514	-0.00061	0.00168	0.002367	0.002966
28.4775	-0.00061	0.00168	0.002978	0.003473
28.47987	-0.00244	0.00168	-7.6E-05	0.002966
28.48223	-0.00244	0.001069	-7.6E-05	0.002668
28.48459	0.000611	0.000458	0.001145	0.001377
28.48696	-0.00122	0.000458	0.000534	0.00141
28.48932	-0.00183	0.001069	-0.00069	0.00223
28.49168	-0.00061	0.000458	0.001756	0.001915
28.49404	0.000611	0.001069	0.001756	0.002145
28.49641	0	0.001069	-7.6E-05	0.001072
28.49877	-0.00061	0.000458	0.001756	0.001915
28.50113	-0.00122	0.001069	-7.6E-05	0.001625
28.5035	-0.00183	0.000458	-7.6E-05	0.00189
28.50586	-0.00244	0.002291	-0.00069	0.003419
28.50822	-0.00183	0.002291	-0.00069	0.003013
28.51058	-0.00183	-0.00015	-0.00191	0.002651
28.51295	-0.00061	-0.00015	0.001145	0.001307
28.51531	-0.00305	-0.00015	0.001756	0.003526
28.51767	-0.00244	-0.00015	-0.00069	0.002543

28.52004	-0.00428	0.000458	0.000534	0.004333
28.5224	-0.00428	0.001069	0.001145	0.004554
28.52476	-0.00367	0.001069	0.001145	0.003986
28.52712	-0.00122	0.000458	-0.00069	0.001475
28.52949	-0.00122	0.001069	0.001756	0.002392
28.53185	0	0.002902	0.000534	0.00295
28.53421	0.000611	0.001069	0.001756	0.002145
28.53658	0.001222	0.000458	0.001145	0.001736
28.53894	0.001833	0.00168	0.001145	0.002737
28.5413	0.001833	0.000458	0.002978	0.003526
28.54366	0.000611	0.000458	0.001756	0.001915
28.54603	0.002443	-0.00137	0.000534	0.002854
28.54839	0.002443	0.000458	0.001145	0.002737
28.55075	0.001222	-0.00076	-7.6E-05	0.001443
28.55311	0.001222	-0.00015	-0.00069	0.00141
28.55548	0.000611	0.002291	-0.00069	0.002468
28.55784	0.000611	0.00168	-0.00069	0.001915
28.5602	0.001222	0.000458	0.001145	0.001736
28.56257	0.002443	-0.00015	0.001756	0.003013
28.56493	0.001222	-0.00015	-7.6E-05	0.001234
28.56729	0.000611	0.000458	0.001145	0.001377
28.56965	0	-0.00137	-7.6E-05	0.001377
28.57202	-0.00061	-0.00199	0.001145	0.002372
28.57438	-0.00122	0.000458	-7.6E-05	0.001307
28.57674	-0.00122	-0.00015	-7.6E-05	0.001234
28.57911	-0.00061	-0.00137	0.001756	0.002312
28.58147	-0.00244	-0.00076	0.001756	0.003104
28.58383	-0.00367	-0.00015	0.001756	0.004067
28.58619	-0.00367	-0.00015	0.001145	0.003843
28.58856	-0.00244	-0.00199	-0.00069	0.003222
28.59092	-0.00367	-0.00015	0.001145	0.003843
28.59328	-0.00489	0.000458	0.001145	0.00504
28.59565	-0.00489	-0.00076	0.001145	0.005077
28.59801	-0.00305	0.000458	0.000534	0.003134
28.60037	-0.00305	0.00168	0.002978	0.004585
28.60273	-0.00305	0.001069	0.002367	0.004009
28.6051	-0.00367	-0.00076	-0.00069	0.003806
28.60746	-0.00122	-0.00015	-7.6E-05	0.001234
28.60982	-0.00428	0.001069	0.000534	0.00444
28.61219	-0.00305	-0.00015	0.001756	0.003526
28.61455	-0.00305	-0.00015	0.001756	0.003526
28.61691	-0.00183	0.000458	0.001145	0.002209
28.61927	-0.00122	0.000458	0.002367	0.002703
28.62164	-0.00061	-0.00015	0.002978	0.003044
28.624	0	-0.00076	0.00481	0.004871
28.62636	0	0.001069	-7.6E-05	0.001072
28.62873	0	0.001069	0.001756	0.002056
28.63109	0	-0.00015	0.001756	0.001763
28.63345	0	0.001069	-7.6E-05	0.001072
28.63581	0.000611	0.000458	-0.00069	0.001027
28.63818	0	0.001069	0.002367	0.002597
28.64054	-0.00061	0.000458	0.001145	0.001377

28.6429	0	0.001069	0.002367	0.002597
28.64526	0	0.00168	0.002978	0.003419
28.64763	0.002443	0.00168	0.003589	0.004655
28.64999	0.001833	0.002291	0.002367	0.003769
28.65235	0.003665	0.000458	0.002367	0.004387
28.65472	0.003054	0.000458	0.002978	0.00429
28.65708	0.003665	-0.00076	0.0042	0.005626
28.65944	0.001222	-0.00076	0.0042	0.00444
28.6618	0.001222	-0.00015	0.005421	0.005559
28.66417	0.000611	-0.00015	0.003589	0.003644
28.66653	0.000611	-0.00015	0.0042	0.004247
28.66889	0	0.00168	0.006032	0.006262
28.67126	-0.00061	0.002902	0.003589	0.004655
28.67362	-0.00183	0.001069	0.0042	0.004705
28.67598	-0.00244	0.00168	0.002978	0.004202
28.67834	-0.00244	-0.00076	0.003589	0.004408
28.68071	-0.00183	0.000458	0.00481	0.005168
28.68307	-0.00244	0.001069	0.003589	0.004471
28.68543	-0.00183	0.000458	0.003589	0.004055
28.6878	-0.00061	0.000458	0.003589	0.003669
28.69016	-0.00244	-0.00137	0.00481	0.005568
28.69252	-0.00244	0.001069	0.003589	0.004471
28.69488	-0.00305	0.000458	0.003589	0.004735
28.69725	-0.00244	0.000458	0.005421	0.005964
28.69961	-0.00305	0.002291	0.00481	0.006141
28.70197	-0.00367	0.001069	0.00481	0.006141
28.70434	-0.00305	0.00168	0.00481	0.005941
28.7067	-0.00489	0.000458	0.00481	0.006872
28.70906	-0.00428	-0.00015	0.005421	0.006906
28.71142	-0.00305	0.000458	0.00481	0.005717
28.71379	-0.00305	0.000458	0.006643	0.007326
28.71615	-0.00183	-0.00015	0.006032	0.006306
28.71851	-0.00061	-0.00015	0.005421	0.005458
28.72088	-0.00061	0.000458	0.006032	0.00608
28.72324	0	-0.00076	0.005421	0.005475
28.7256	-0.00061	0.000458	0.00481	0.004871
28.72796	-0.00061	-0.00015	0.00481	0.004851
28.73033	-0.00122	-0.00076	0.005421	0.005609
28.73269	-0.00122	0.00168	0.00481	0.00524
28.73505	-0.00183	0.000458	0.002367	0.003028
28.73742	-0.00122	0.00168	0.001145	0.002372
28.73978	-0.00061	0.00168	0.000534	0.001866
28.74214	0.000611	0.002902	-0.00069	0.003044
28.7445	-0.00183	0.00168	-0.00252	0.00354
28.74687	0	0.000458	-0.00191	0.001963
28.74923	0.001222	-0.00015	-0.00374	0.003939
28.75159	0.001222	0.00168	-0.00496	0.00538
28.75395	0.000611	0.00168	-0.00496	0.005275
28.75632	0.000611	0.002902	-0.00435	0.005266
28.75868	-0.00061	0.002902	-0.00435	0.005266
28.76104	-0.00061	0.00168	-0.00374	0.004146
28.76341	-0.00244	0.001069	-0.00557	0.006179

28.76577	-0.00061	-0.00015	-0.00496	0.005003
28.76813	-0.00061	-0.00015	-0.00557	0.005609
28.77049	-0.00183	0.001069	-0.00557	0.005964
28.77286	-0.00061	0.002291	-0.00374	0.004429
28.77522	-0.00122	0.002291	-0.00496	0.005601
28.77758	-0.00122	0.00168	-0.00435	0.004823
28.77995	-0.00122	0.002902	-0.00374	0.00489
28.78231	-0.00122	0.002902	-0.00435	0.005372
28.78467	-0.00061	0.002291	-0.00557	0.006057
28.78703	-0.00244	-0.00015	-0.00496	0.005534
28.7894	0	0.001069	-0.00557	0.005676
28.79176	-0.00061	0.000458	-0.0068	0.006838
28.79412	-0.00183	0.001069	-0.00435	0.004842
28.79649	-0.00061	-0.00015	-0.0068	0.006825
28.79885	0.000611	-0.00015	-0.00863	0.008651
28.80121	-0.00183	0.000458	-0.00802	0.008237
28.80357	-0.00122	0.001069	-0.00802	0.00818
28.80594	0	0.001069	-0.00985	0.009908
28.8083	0.001222	-0.00076	-0.01046	0.01056
28.81066	0.002443	-0.00015	-0.00924	0.009558
28.81303	0.002443	-0.00199	-0.01168	0.012099
28.81539	0.001222	-0.00137	-0.01168	0.011826
28.81775	0	-0.00015	-0.01168	0.011683
28.82011	0.001222	-0.00137	-0.01229	0.01243
28.82248	0	0.000458	-0.01657	0.016576
28.82484	0.001222	0.000458	-0.01657	0.016621
28.8272	0.000611	-0.00015	-0.0184	0.018413
28.82957	-0.00122	-0.00015	-0.02085	0.020881
28.83193	-0.00244	-0.00015	-0.02085	0.020988
28.83429	-0.00244	0.001069	-0.02146	0.021621
28.83665	-0.00244	0.00168	-0.02207	0.022265
28.83902	-0.00244	-0.00076	-0.02207	0.022215
28.84138	-0.00183	0.000458	-0.02146	0.021539
28.84374	0.000611	0.000458	-0.02085	0.020859
28.84611	-0.00061	-0.00015	-0.02268	0.022686
28.84847	0.002443	0.000458	-0.02146	0.0216
28.85083	0.003054	0.000458	-0.02329	0.023492
28.85319	0.002443	0.003512	-0.02268	0.023078
28.85556	0.004276	0.000458	-0.02268	0.023082
28.85792	0.004887	0.001069	-0.02207	0.022627
28.86028	0.004887	-0.00015	-0.02085	0.021411
28.86264	0.004887	0.000458	-0.0239	0.024398
28.86501	0.003665	0.001069	-0.02512	0.02541
28.86737	0.003665	-0.00015	-0.02329	0.023576
28.86973	0.004887	-0.00076	-0.02268	0.023211
28.8721	0.003054	-0.00076	-0.02329	0.0235
28.87446	0.002443	0.000458	-0.0239	0.024028
28.87682	0.001833	0.000458	-0.02268	0.022756
28.87918	0.004276	0.000458	-0.02268	0.023082
28.88155	0.003665	-0.00076	-0.02451	0.024795
28.88391	0.003054	0.000458	-0.02146	0.021677
28.88627	0.004276	0.00168	-0.02268	0.023138

28.88864	0.006108	-0.00015	-0.0239	0.024668
28.891	0.005498	0.001069	-0.02146	0.022175
28.89336	0.006719	0.002291	-0.02207	0.023181
28.89572	0.005498	0.002291	-0.02146	0.022267
28.89809	0.006108	0.001069	-0.02085	0.021748
28.90045	0.00733	0.000458	-0.02146	0.022678
28.90281	0.005498	-0.00137	-0.01901	0.019839
28.90518	0.004276	-0.00015	-0.0184	0.018893
28.90754	0.003665	0.001069	-0.01779	0.018196
28.9099	0.003665	0.001069	-0.01718	0.017599
28.91226	0.001833	0.001069	-0.01596	0.016099
28.91463	0.002443	0.000458	-0.01535	0.015548
28.91699	0.003054	-0.00015	-0.01474	0.015051
28.91935	0.002443	-0.00076	-0.01474	0.014957
28.92172	0.004276	-0.00076	-0.01535	0.01595
28.92408	0.003054	0.000458	-0.01413	0.01446
28.92644	0.002443	-0.00137	-0.01413	0.014401
28.9288	0.001833	-0.00015	-0.01413	0.014245
28.93117	0.001222	-0.00076	-0.01168	0.011771
28.93353	0.000611	0.000458	-0.00985	0.009879
28.93589	0	0.003512	-0.00191	0.003998
28.93826	-0.00122	0.009621	0.0042	0.010568
28.94062	-0.00061	0.008399	0.006032	0.010359
28.94298	0.000611	-0.00015	-0.00191	0.00201
28.94534	0.003665	-0.00565	-0.00557	0.008742
28.94771	0.006719	-0.0026	-0.00618	0.009494
28.95007	0.006719	0.002291	-0.00618	0.009415
28.95243	0.007941	0.00168	-0.00496	0.009514
28.9548	0.005498	0.002291	-0.00557	0.008157
28.95716	0.003054	0.007788	-0.00741	0.011173
28.95952	0.001833	0.011453	0.002367	0.011838
28.96188	-0.00183	0.015118	0.017027	0.022844
28.96425	-0.00244	0.007788	0.025579	0.02685
28.96661	-0.00122	-0.00382	0.021303	0.021677
28.96897	0.001833	-0.00748	0.014584	0.016494
28.97133	0.005498	-0.00076	0.012141	0.013349
28.9737	0.009163	0.004123	0.009697	0.013964
28.97606	0.010995	-0.00076	0.013362	0.017321
28.97842	0.01466	-0.00443	0.009697	0.018127
28.98079	0.010995	-0.00932	0.012141	0.018843
28.98315	0.012828	-0.00565	0.007865	0.016073
28.98551	0.009774	-0.00076	0.006032	0.011511
28.98787	0.004276	0.002291	0.005421	0.007275
28.99024	0.001833	0.002902	0.0042	0.005423
28.9926	-0.00183	0.00168	0.009697	0.010011
28.99496	-0.00672	0.004734	0.013362	0.015688
28.99733	-0.00611	0.002291	0.006643	0.009311
28.99969	-0.00244	-0.00076	0.002367	0.003487
29.00205	0	-0.00382	0.001756	0.004202
29.00441	0.004887	-0.00321	-0.0013	0.005987
29.00678	0.008552	-0.00321	-0.00435	0.010117
29.00914	0.010384	-0.00443	-0.00496	0.012332

29.0115	0.010384	-0.00321	-0.00374	0.011494
29.01387	0.010995	-0.0026	-0.00191	0.011458
29.01623	0.006719	-0.00015	0.002367	0.007126
29.01859	0.002443	0.004734	0.009086	0.010533
29.02095	0.000611	0.005956	0.006032	0.008499
29.02332	-0.00183	0.000458	0.001145	0.002209
29.02568	0	-0.0026	-0.00496	0.005601
29.02804	0	0.000458	-0.01046	0.010471
29.03041	-0.00122	0.007788	-0.01168	0.014094
29.03277	-0.00244	0.011453	-0.00069	0.011731
29.03513	0	0.009621	0.019471	0.021718
29.03749	0.003665	0.003512	0.024968	0.025479
29.03986	0.008552	-0.00443	0.021303	0.023379
29.04222	0.010384	-0.00504	0.012141	0.016752
29.04458	0.015271	-0.00321	0.012141	0.019771
29.04695	0.020158	-0.00015	0.010308	0.022641
29.04931	0.023823	-0.0026	0.009086	0.025629
29.05167	0.021991	-0.00504	0.006643	0.023518
29.05403	0.020158	-0.00443	0.006032	0.021502
29.0564	0.017104	-0.00137	0.002978	0.017415
29.05876	0.009774	0.001069	0.0042	0.010691
29.06112	0.003665	0.005956	0.008476	0.010988
29.06349	0.000611	0.006567	0.006643	0.009361
29.06585	0	0.002291	-0.00374	0.004387
29.06821	0.002443	-0.00137	-0.01168	0.012014
29.07057	0.004276	-0.00199	-0.01474	0.015472
29.07294	0.009774	-0.00137	-0.0184	0.020881
29.0753	0.010384	-0.00137	-0.02085	0.023329
29.07766	0.01466	-0.00443	-0.02268	0.027365
29.08002	0.015882	-0.00382	-0.02818	0.032568
29.08239	0.017104	-0.00321	-0.0294	0.034161
29.08475	0.014049	-0.00076	-0.02756	0.030948
29.08711	0.009163	-0.00137	-0.02512	0.026775
29.08948	0.005498	0.000458	-0.02085	0.021563
29.09184	0.002443	0.003512	-0.02512	0.025483
29.0942	-0.00122	0.00168	-0.03184	0.031908
29.09656	-0.00061	-0.00137	-0.03489	0.034927
29.09893	-0.00122	-0.0026	-0.03795	0.038057
29.10129	-0.00061	0.000458	-0.03917	0.039178
29.10365	0.001222	0.001069	-0.03856	0.038594
29.10602	0.003054	-0.00015	-0.03978	0.039899
29.10838	0.006108	-0.00076	-0.03917	0.039651
29.11074	0.008552	-0.00015	-0.04222	0.043082
29.1131	0.010995	-0.00076	-0.04406	0.045415
29.11547	0.010995	-0.00137	-0.04589	0.047209
29.11783	0.011606	-0.00015	-0.04894	0.050302
29.12019	0.008552	0.000458	-0.04711	0.047884
29.12256	0.006108	0.001069	-0.04284	0.043282
29.12492	0.006108	0.003512	-0.04406	0.044617
29.12728	0.004887	0.000458	-0.0465	0.046759
29.12964	0.005498	-0.0026	-0.052	0.052353
29.13201	0.004276	-0.00137	-0.05383	0.054018

29.13437	0.002443	-0.00076	-0.05383	0.053892
29.13673	0.003665	-0.00015	-0.05505	0.055175
29.1391	0.005498	-0.00076	-0.05689	0.057155
29.14146	0.004276	-0.00199	-0.05689	0.05708
29.14382	0.003665	-0.00137	-0.05811	0.058239
29.14618	0.003665	-0.00076	-0.05627	0.056399
29.14855	0.001222	-0.00076	-0.05811	0.058125
29.15091	0.000611	-0.00015	-0.05933	0.059332
29.15327	0	-0.00015	-0.05933	0.059329
29.15564	-0.00061	0.000458	-0.05811	0.058112
29.158	-0.00122	0.00168	-0.05566	0.055702
29.16036	-0.00122	0.00168	-0.05505	0.055092
29.16272	-0.00122	0.003512	-0.05627	0.056397
29.16509	-0.00061	0.002291	-0.06055	0.060597
29.16745	0.001222	0.004123	-0.05933	0.059484
29.16981	0.003665	0.005956	-0.05689	0.057313
29.17218	0.005498	0.00168	-0.04894	0.049281
29.17454	0.010384	-0.00137	-0.04894	0.050053
29.1769	0.011606	-0.00504	-0.05261	0.054109
29.17926	0.010384	-0.00504	-0.05078	0.052072
29.18163	0.008552	-0.00076	-0.04894	0.049692
29.18399	0.007941	0.00168	-0.04772	0.048408
29.18635	0.006719	-0.00076	-0.04894	0.049409
29.18871	0.005498	-0.00199	-0.0465	0.046867
29.19108	0.004887	-0.00076	-0.04772	0.047978
29.19344	0.006719	-0.00076	-0.05078	0.051225
29.1958	0.003665	-0.00076	-0.05139	0.051524
29.19817	0.003665	-0.00015	-0.05261	0.052737
29.20053	0.003054	-0.00076	-0.05383	0.053923
29.20289	0.002443	0.001069	-0.05566	0.055727
29.20525	0.003665	0.001069	-0.05566	0.055794
29.20762	0.003665	0.002291	-0.05566	0.055831
29.20998	0.004887	0.00168	-0.05689	0.057119
29.21234	0.008552	-0.00015	-0.05505	0.055713
29.21471	0.009774	-0.00199	-0.0575	0.058355
29.21707	0.012828	-0.00137	-0.05872	0.060118
29.21943	0.013439	0.000458	-0.05872	0.060238
29.22179	0.010384	-0.00015	-0.05994	0.060832
29.22416	0.010384	-0.00137	-0.05994	0.060848
29.22652	0.008552	-0.00076	-0.06055	0.061156
29.22888	0.004887	-0.00015	-0.06177	0.061965
29.23125	0.002443	0.002902	-0.06238	0.062498
29.23361	0.001833	0.00168	-0.06238	0.062432
29.23597	0.002443	-0.00015	-0.06238	0.062431
29.23833	0.003054	-0.00015	-0.06177	0.061848
29.2407	0.004276	-0.00076	-0.0636	0.063753
29.24306	0.004887	-0.00015	-0.0636	0.063792
29.24542	0.006719	0.001069	-0.06483	0.065182
29.24779	0.007941	0.001069	-0.06483	0.065319
29.25015	0.008552	-0.00137	-0.06727	0.067825
29.25251	0.010384	-0.00015	-0.06727	0.068067
29.25487	0.011606	-0.00015	-0.06788	0.068866

29.25724	0.010384	-0.00199	-0.0691	0.069906
29.2596	0.009163	0.000458	-0.07093	0.071525
29.26196	0.006108	-0.00015	-0.07399	0.074241
29.26433	0.003665	0.000458	-0.07643	0.076521
29.26669	0.004887	0.000458	-0.07826	0.078419
29.26905	0.003054	0.00168	-0.08071	0.080783
29.27141	0.002443	-0.00015	-0.08254	0.082577
29.27378	0.002443	0.00168	-0.08254	0.082594
29.27614	0.004276	0.001069	-0.08437	0.084488
29.2785	0.006108	-0.00015	-0.08682	0.087031
29.28087	0.009163	0.001069	-0.08743	0.087913
29.28323	0.011606	0.000458	-0.08743	0.088196
29.28559	0.012217	-0.00015	-0.09109	0.091908
29.28795	0.015882	0.000458	-0.09476	0.096081
29.29032	0.016493	0.001069	-0.09476	0.096188
29.29268	0.016493	0.001069	-0.09537	0.09679
29.29504	0.013439	-0.00015	-0.09537	0.096311
29.2974	0.010995	0.000458	-0.09598	0.096608
29.29977	0.008552	0.00168	-0.09659	0.096983
29.30213	0.006108	-0.00076	-0.0972	0.097396
29.30449	0.000611	0.001069	-0.10087	0.100874
29.30686	-0.00183	0.002291	-0.10148	0.101519
29.30922	-0.0055	0.00168	-0.09842	0.09859
29.31158	-0.00672	0.00168	-0.09842	0.098666
29.31394	-0.00916	0.00168	-0.09903	0.099471
29.31631	-0.00916	-0.00015	-0.0972	0.097632
29.31867	-0.00977	0.001069	-0.09476	0.095266
29.32103	-0.01161	0.001069	-0.09476	0.095472
29.32334	-0.01283	0.004734	-0.09781	0.098763
29.32576	-0.01833	0.003512	-0.09903	0.100776
29.32812	-0.01405	0.002291	-0.10087	0.101866
29.33048	-0.01344	0.004734	-0.10636	0.107314
29.33285	-0.01588	0.004123	-0.1143	0.115477
29.33521	-0.01833	0.004123	-0.12041	0.12187
29.33757	-0.01894	0.002902	-0.1308	0.132193
29.33994	-0.01833	0.000458	-0.1424	0.143579
29.3423	-0.01833	0.00168	-0.16012	0.161172
29.34466	-0.01771	-0.00015	-0.17478	0.175674
29.34702	-0.01833	-0.00137	-0.18638	0.187289
29.34939	-0.01771	-0.0026	-0.18822	0.189067
29.35175	-0.01771	-0.00382	-0.19249	0.193344
29.35411	-0.01466	-0.00748	-0.19127	0.191978
29.35648	-0.01588	-0.01176	-0.18455	0.185607
29.35884	-0.01771	-0.01603	-0.176	0.177615
29.3612	-0.02199	-0.01848	-0.16684	0.169292
29.36356	-0.02932	-0.01298	-0.1589	0.1621
29.36593	-0.03848	-0.00748	-0.15218	0.157146
29.36829	-0.0507	-0.01176	-0.14118	0.15047
29.37065	-0.06231	-0.01298	-0.1253	0.140537
29.37302	-0.07391	-0.01054	-0.10636	0.129951
29.37538	-0.08796	-0.00137	-0.09048	0.126199
29.37774	-0.10201	0.012064	-0.06238	0.120181

29.3801	-0.11362	0.017562	-0.02756	0.118225
29.38247	-0.12339	0.013286	0.009697	0.124483
29.38483	-0.124	0.008399	0.04024	0.130638
29.38719	-0.11606	0.014508	0.056122	0.129731
29.38955	-0.10629	0.015118	0.061008	0.123481
29.39192	-0.09712	0.011453	0.06223	0.115918
29.39428	-0.09346	0.008399	0.065284	0.114312
29.39664	-0.09163	0.005345	0.072004	0.116656
29.39901	-0.09651	-0.0197	0.085442	0.130397
29.40137	-0.10323	-0.03619	0.109265	0.154615
29.40373	-0.11301	-0.02886	0.130645	0.175133
29.40609	-0.1295	-0.02642	0.15569	0.204224
29.40846	-0.14599	-0.03925	0.181345	0.236094
29.41082	-0.1466	-0.04413	0.200892	0.252583
29.41318	-0.1466	-0.02459	0.219829	0.265371
29.41555	-0.15332	-0.00748	0.24243	0.286943
29.41791	-0.15638	0.004123	0.266864	0.309333
29.42027	-0.15882	0.000458	0.294963	0.335003
29.42263	-0.16554	-0.02703	0.316343	0.358059
29.425	-0.18325	-0.04474	0.337722	0.386834
29.42736	-0.20097	-0.03253	0.35788	0.411734
29.42972	-0.20524	-0.00932	0.381092	0.432947
29.43209	-0.18814	0.010232	0.400029	0.442182
29.43445	-0.17348	-0.00626	0.414689	0.449557
29.43681	-0.17043	-0.03925	0.425073	0.459644
29.43917	-0.16126	-0.05024	0.443399	0.474482
29.44154	-0.14599	-0.01237	0.459892	0.482667
29.4439	-0.11301	0.076814	0.472109	0.491485
29.44626	-0.07758	0.123238	0.493488	0.514526
29.44863	-0.04826	0.059099	0.514257	0.519886
29.45099	-0.01588	0.002291	0.528307	0.52855
29.45335	0.00733	0.002902	0.550908	0.550964
29.45571	0.026266	0.008399	0.574731	0.575392
29.45808	0.037873	-0.01054	0.601608	0.602891
29.46044	0.051311	-0.01054	0.615658	0.617882
29.4628	0.062306	-0.03803	0.628486	0.63271
29.46517	0.059252	-0.09178	0.611382	0.621065
29.46753	0.061085	-0.13026	0.580839	0.598393
29.46989	0.07941	-0.12538	0.558238	0.577629
29.47225	0.111174	-0.08201	0.518533	0.53662
29.47462	0.117894	-0.05696	0.504483	0.521198
29.47698	0.06475	-0.00748	0.485547	0.489903
29.47934	0.001222	0.01634	0.475163	0.475445
29.48171	-0.11056	0.032833	0.464778	0.478875
29.48407	-0.20708	0.062154	0.453783	0.502656
29.48643	-0.26511	0.078647	0.442177	0.521525
29.48879	-0.28465	0.089031	0.455616	0.544555
29.49116	-0.26083	0.1098	0.486158	0.562529
29.49352	-0.20952	0.082923	0.519144	0.565938
29.49588	-0.14355	0.015729	0.535026	0.554172
29.49824	-0.0843	-0.02214	0.521587	0.528819
29.50061	-0.03421	-0.04169	0.511814	0.514647

29.50297	-0.00428	-0.05207	0.513646	0.516297
29.50533	0.006719	-0.04841	0.50937	0.51171
29.5077	0.000611	-0.02825	0.508149	0.508934
29.51006	-0.02016	-0.01237	0.510592	0.511139
29.51242	-0.04765	-0.00504	0.505705	0.50797
29.51478	-0.0733	-0.0026	0.494099	0.499514
29.51715	-0.09163	0.002291	0.470887	0.479724
29.51951	-0.10507	0.015118	0.453172	0.465438
29.52187	-0.11484	0.048104	0.437901	0.455258
29.52424	-0.11667	0.069484	0.4153	0.436937
29.5266	-0.10995	0.035887	0.401861	0.418174
29.52896	-0.09896	0.012064	0.406748	0.418786
29.53132	-0.08613	0.011453	0.398196	0.407565
29.53369	-0.06047	0.008399	0.378038	0.382937
29.53605	-0.03543	0.001069	0.366432	0.368142
29.53841	-0.01894	0.026114	0.363378	0.364807
29.54078	-0.01833	0.060932	0.349328	0.355076
29.54314	-0.03054	0.057878	0.327338	0.333815
29.5455	-0.04642	0.032833	0.298628	0.303993
29.54786	-0.05925	0.021227	0.269307	0.276564
29.55023	-0.06841	0.029779	0.243652	0.254821
29.55259	-0.07391	0.034666	0.217385	0.232209
29.55495	-0.07208	0.034666	0.194173	0.210001
29.55732	-0.0678	0.031	0.167296	0.183157
29.55968	-0.06231	0.025503	0.135532	0.151332
29.56204	-0.05314	0.020616	0.117817	0.130882
29.5644	-0.03726	0.017562	0.102546	0.11051
29.56677	-0.01833	0.004734	0.085442	0.087513
29.56913	-0.00611	-0.00199	0.059176	0.059523
29.57149	0.00733	-0.00504	0.037796	0.038829
29.57386	0.016493	-0.01359	0.039629	0.045024
29.57622	0.018936	-0.03192	0.056122	0.067282
29.57858	0.009163	-0.03375	0.058565	0.068212
29.58094	-0.00672	-0.0197	0.048181	0.052484
29.58331	-0.02504	-0.00504	0.031077	0.040229
29.58567	-0.04032	-0.00015	0.01153	0.041932
29.58803	-0.04765	0.002902	-0.00924	0.04862
29.5904	-0.04704	0.002902	-0.02329	0.052565
29.59276	-0.03726	0.007177	-0.03612	0.052386
29.59512	-0.01344	-0.00076	-0.06238	0.063818
29.59748	0.015271	-0.04536	-0.11492	0.124483
29.59985	0.039705	-0.08689	-0.19371	0.215992
29.60221	0.053144	-0.08628	-0.29084	0.307988
29.60457	0.062306	-0.05452	-0.38552	0.39431
29.60693	0.064139	-0.0307	-0.45943	0.464903
29.6093	0.059252	-0.02825	-0.51563	0.519793
29.61166	0.054365	-0.03314	-0.54923	0.552906
29.61402	0.051311	-0.03314	-0.55839	0.561722
29.61639	0.048257	-0.02581	-0.54373	0.546477
29.61875	0.042148	-0.00932	-0.51869	0.520479
29.62111	0.038483	-0.00748	-0.49731	0.498849
29.62347	0.039705	-0.02703	-0.48387	0.486246

29.62584	0.042148	-0.02947	-0.47532	0.47809
29.6282	0.043981	-0.00443	-0.46554	0.467636
29.63056	0.049479	0.009621	-0.45333	0.456119
29.63293	0.056198	0.004734	-0.44905	0.452577
29.63529	0.070858	-0.01481	-0.44416	0.450023
29.63765	0.084297	-0.03558	-0.43378	0.443323
29.64001	0.09346	-0.04658	-0.42828	0.440827
29.64238	0.099568	-0.05024	-0.41667	0.431341
29.64474	0.096514	-0.04108	-0.40995	0.423161
29.6471	0.087962	-0.01481	-0.40934	0.41895
29.64947	0.081854	0.007788	-0.41484	0.422912
29.65183	0.071469	0.016951	-0.42828	0.434533
29.65419	0.072691	0.02367	-0.43256	0.43926
29.65655	0.078799	0.018173	-0.40995	0.417855
29.65892	0.081243	0.010232	-0.37391	0.382776
29.66128	0.08674	-0.00504	-0.35437	0.364864
29.66364	0.097736	-0.02459	-0.35437	0.36842
29.66601	0.110563	-0.03497	-0.35498	0.373439
29.66837	0.124002	-0.04108	-0.36048	0.383415
29.67073	0.141717	-0.03864	-0.36109	0.389821
29.67309	0.169205	-0.04108	-0.34521	0.386632
29.67546	0.197915	-0.06002	-0.31955	0.380636
29.67782	0.235787	-0.10583	-0.29145	0.389537
29.68018	0.261443	-0.10827	-0.26274	0.386145
29.68255	0.210131	-0.0087	-0.25908	0.333693
29.68491	0.103844	0.091474	-0.26274	0.296958
29.68727	-0.00489	0.114076	-0.24869	0.27365
29.68963	-0.09774	0.099415	-0.22792	0.267178
29.692	-0.1747	0.100637	-0.20471	0.287324
29.69436	-0.21929	0.113465	-0.18944	0.311209
29.69672	-0.21196	0.111021	-0.18028	0.29959
29.69909	-0.13805	0.082923	-0.17539	0.238109
29.70145	-0.01649	0.018173	-0.16867	0.170446
29.70381	0.109953	-0.03131	-0.17111	0.20579
29.70617	0.20891	-0.0142	-0.18822	0.281551
29.70854	0.272438	0.00901	-0.19494	0.335118
29.7109	0.299926	0.012675	-0.19433	0.357601
29.71326	0.311532	0.011453	-0.18761	0.36384
29.71562	0.313975	-0.01176	-0.17539	0.359834
29.71799	0.306034	-0.02275	-0.15584	0.344183
29.72035	0.283433	0.007788	-0.14057	0.316473
29.72271	0.243117	0.024892	-0.12163	0.272985
29.72508	0.197915	0.026114	-0.11064	0.228239
29.72744	0.16615	0.015729	-0.10392	0.196603
29.7298	0.145992	0.005956	-0.10392	0.179301
29.73216	0.141717	0.014508	-0.11003	0.180001
29.73453	0.149047	0.036498	-0.13202	0.202426
29.73689	0.164318	0.038331	-0.1479	0.224376
29.73925	0.188141	0.015729	-0.15706	0.245588
29.74162	0.214407	-0.00993	-0.16317	0.269619
29.74398	0.240674	-0.01542	-0.16378	0.291525
29.74634	0.263275	0.00168	-0.1534	0.30471

29.7487	0.271827	-0.01237	-0.13935	0.305714
29.75107	0.27366	-0.03497	-0.12652	0.303513
29.75343	0.285266	-0.00809	-0.11186	0.306521
29.75579	0.303591	0.041385	-0.10331	0.323347
29.75816	0.317641	0.023059	-0.09231	0.331586
29.76052	0.328636	-0.0368	-0.08804	0.342209
29.76288	0.337188	-0.07162	-0.08987	0.356233
29.76524	0.340853	-0.03986	-0.08498	0.353541
29.76761	0.336577	-0.0142	-0.0746	0.345037
29.76997	0.333523	-0.02825	-0.07399	0.342797
29.77233	0.343907	-0.05879	-0.06483	0.354868
29.7747	0.371395	-0.05513	-0.03673	0.377256
29.77706	0.397662	-0.02214	-0.01413	0.398528
29.77942	0.420263	-0.0252	-0.01535	0.421297
29.78178	0.439199	-0.04841	-0.02329	0.442472
29.78415	0.464244	-0.05635	-0.02818	0.468499
29.78651	0.488067	-0.04108	-0.02695	0.490534
29.78887	0.501506	-0.05269	-0.01962	0.504647
29.79124	0.510668	-0.08323	-0.02023	0.517802
29.7936	0.514333	-0.07956	-0.0184	0.520776
29.79596	0.510057	-0.05146	-0.0129	0.51281
29.79832	0.496008	-0.04413	-0.00313	0.497977
29.80069	0.472185	-0.05269	-0.00313	0.475125
29.80305	0.442253	-0.05513	-0.00252	0.445683
29.80541	0.404992	-0.01603	-7.6E-05	0.405309
29.80778	0.368341	0.002902	0.00481	0.368384
29.81014	0.333523	-0.04719	0.013973	0.337134
29.8125	0.300537	-0.08689	0.023747	0.313746
29.81486	0.27366	-0.04108	0.024358	0.277796
29.81723	0.249837	0.018173	0.027412	0.251992
29.81959	0.230289	0.009621	0.023747	0.23171
29.82195	0.214407	-0.0478	0.016417	0.220283
29.82431	0.202801	-0.05574	0.00481	0.210377
29.82668	0.189363	0.004734	-0.00374	0.189459
29.82904	0.175924	0.032833	-0.00496	0.17903
29.8314	0.153323	-0.00932	-0.00496	0.153686
29.83377	0.133165	-0.04291	-0.01107	0.140346
29.83613	0.116061	-0.02703	-0.01535	0.120151
29.83849	0.097125	0.005956	-0.01596	0.098607
29.84085	0.073302	0.017562	-0.02329	0.078892
29.84322	0.051311	0.004734	-0.0239	0.056802
29.84558	0.03604	-0.01237	-0.02329	0.044657
29.84794	0.026877	-0.01115	-0.03001	0.041799
29.85031	0.014049	0.003512	-0.03917	0.041762
29.85267	0.001833	0.013897	-0.04528	0.047399
29.85503	-0.00977	0.00901	-0.05261	0.054263
29.85739	-0.01955	0.000458	-0.05933	0.062467
29.85976	-0.02688	0.000458	-0.06483	0.070179
29.86212	-0.03299	0.005345	-0.06971	0.077308
29.86448	-0.03971	0.005345	-0.06788	0.078821
29.86685	-0.04948	0.003512	-0.05689	0.075474
29.86921	-0.0617	0.008399	-0.03978	0.073888

29.87157	-0.07941	0.018173	-0.03306	0.087917
29.87393	-0.09835	0.016951	-0.03428	0.105521
29.8763	-0.11423	0.013897	-0.03734	0.120977
29.87866	-0.124	0.007788	-0.04039	0.130647
29.88102	-0.13316	0.005956	-0.052	0.143081
29.88339	-0.13805	0.010843	-0.07155	0.155867
29.88575	-0.13744	0.011453	-0.09598	0.168027
29.88811	-0.13622	0.013897	-0.11614	0.179546
29.89047	-0.13133	0.012064	-0.14424	0.195443
29.89284	-0.12767	0.008399	-0.16806	0.211219
29.8952	-0.12278	0.004734	-0.18822	0.224774
29.89756	-0.12095	0.007177	-0.20471	0.237878
29.89993	-0.11484	0.012675	-0.21082	0.240402
29.90229	-0.10873	0.004734	-0.20532	0.232382
29.90465	-0.11117	-0.00626	-0.19616	0.225559
29.90701	-0.11362	-0.00137	-0.18883	0.220379
29.90938	-0.1185	0.007177	-0.17539	0.211793
29.91174	-0.12034	0.003512	-0.1589	0.199353
29.9141	-0.12706	-0.00321	-0.14729	0.194546
29.91647	-0.13316	-0.00443	-0.14057	0.193682
29.91883	-0.13866	0.002902	-0.1308	0.19064
29.92119	-0.14111	0.00901	-0.11919	0.184929
29.92355	-0.14233	0.005956	-0.11247	0.181501
29.92592	-0.13988	0.007177	-0.1082	0.17699
29.92828	-0.13927	0.008399	-0.10331	0.17361
29.93064	-0.13866	0.012675	-0.09415	0.168082
29.933	-0.13622	0.010232	-0.08071	0.158663
29.93537	-0.13622	0.007177	-0.06788	0.152364
29.93773	-0.13683	0.006567	-0.05994	0.149527
29.94009	-0.13683	0.010843	-0.05261	0.146996
29.94246	-0.14172	0.009621	-0.04345	0.148539
29.94482	-0.14538	0.006567	-0.03428	0.149514
29.94718	-0.14966	0.012675	-0.0294	0.153043
29.94954	-0.15454	0.012675	-0.02268	0.156713
29.95191	-0.15943	0.012064	-0.01168	0.160313
29.95427	-0.16432	0.010232	-0.00069	0.164638
29.95663	-0.16737	0.016951	0.010308	0.168544
29.959	-0.17104	0.021838	0.017638	0.173325
29.96136	-0.17531	0.018173	0.028023	0.178466
29.96372	-0.17653	0.012064	0.037796	0.180938
29.96608	-0.17715	0.010843	0.043294	0.182681
29.96845	-0.17898	0.01634	0.054289	0.187743
29.97081	-0.17898	0.022449	0.062841	0.191013
29.97317	-0.17715	0.023059	0.070171	0.191928
29.97554	-0.17348	0.019394	0.07628	0.1905
29.9779	-0.16676	0.014508	0.082388	0.186568
29.98026	-0.16065	0.015729	0.089718	0.184678
29.98262	-0.15454	0.020005	0.092162	0.181047
29.98499	-0.14844	0.020005	0.100103	0.18015
29.98735	-0.14111	0.017562	0.103768	0.176031
29.98971	-0.13194	0.012675	0.104989	0.169093
29.99208	-0.12461	0.011453	0.104989	0.163347

29.99444	-0.11912	0.012675	0.106822	0.160499
29.9968	-0.11362	0.012064	0.11232	0.160219
29.99916	-0.10568	0.010843	0.11232	0.154599
30.00153	-0.10079	0.010232	0.110487	0.149902
30.00389	-0.09102	0.00901	0.114763	0.14675
30.00625	-0.08552	0.010843	0.113541	0.142557
30.00862	-0.07636	0.00901	0.111709	0.135611
30.01098	-0.06719	0.008399	0.106211	0.125961
30.01334	-0.05986	0.011453	0.097659	0.115118
30.0157	-0.0507	0.010232	0.093383	0.10675
30.01807	-0.04459	0.004734	0.088496	0.099209
30.02043	-0.04093	-0.00015	0.086053	0.09529
30.02279	-0.03421	0.001069	0.081777	0.08865
30.02516	-0.02932	0.003512	0.078723	0.084079
30.02752	-0.02627	0.002902	0.075669	0.08015
30.02988	-0.02504	-0.0026	0.073836	0.078011
30.03224	-0.02199	-0.00504	0.068339	0.071966
30.03461	-0.02199	-0.00321	0.064673	0.068385
30.03697	-0.0226	-0.00137	0.062841	0.066796
30.03933	-0.02382	-0.00015	0.056732	0.061532
30.04169	-0.02627	-0.00076	0.054289	0.060314
30.04406	-0.02504	-0.00199	0.050624	0.056515
30.04642	-0.02504	-0.00321	0.050624	0.056571
30.04878	-0.02504	-0.00137	0.049402	0.055405
30.05115	-0.02443	-0.00076	0.048791	0.054573
30.05351	-0.02321	-0.00199	0.048181	0.053517
30.05587	-0.02566	-0.00321	0.045737	0.052539
30.05823	-0.0281	-0.00199	0.043294	0.051651
30.0606	-0.02871	-0.00015	0.041461	0.050431
30.06296	-0.03299	0.001069	0.036574	0.049264
30.06532	-0.03482	0.00168	0.031688	0.047109
30.06769	-0.03543	0.003512	0.02619	0.044198
30.07005	-0.03726	0.002291	0.022525	0.043601
30.07241	-0.03971	0.002291	0.021914	0.045409
30.07477	-0.03665	0.000458	0.016417	0.040162
30.07714	-0.03421	0.002902	0.012751	0.036622
30.0795	-0.02932	0.003512	0.009086	0.030897
30.08186	-0.02504	0.002902	0.0042	0.02556
30.08423	-0.01771	0.002291	0.003589	0.018219
30.08659	-0.00855	0.00168	0.002978	0.00921
30.08895	-0.00061	0.000458	-7.6E-05	0.000767
30.09131	0.005498	-0.0026	0.000534	0.006103
30.09368	0.009163	-0.0026	0.000534	0.009538
30.09604	0.015271	-0.00199	-0.00069	0.015415
30.0984	0.015882	-0.00076	-0.0013	0.015953
30.10077	0.015882	-0.00199	-0.00069	0.01602
30.10313	0.018325	-0.00321	0.000534	0.018612
30.10549	0.015271	-0.00076	-0.00191	0.015409
30.10785	0.014049	-0.00137	-0.00069	0.014133
30.11022	0.009163	0.000458	-0.00191	0.009371
30.11258	0.009163	-0.00076	-7.6E-05	0.009195
30.11494	0.006108	0.002902	-0.0013	0.006886

30.11731	0.003054	0.00168	-0.00069	0.003553
30.11967	0.001833	-0.00076	-0.0013	0.002372
30.12203	0.002443	-0.00321	0.000534	0.004067
30.12439	0.005498	-0.0026	-0.00069	0.006118
30.12676	0.009163	-0.00015	-0.00313	0.009684
30.12912	0.010384	0.000458	-0.0013	0.010475
30.13148	0.013439	-0.00137	-0.0013	0.013571
30.13385	0.018325	-0.00382	-7.6E-05	0.018719
30.13621	0.021991	-0.00565	-7.6E-05	0.022705
30.13857	0.025045	-0.00321	0.000534	0.025255
30.14093	0.027488	-0.00321	0.001145	0.027698
30.1433	0.02871	-0.0026	0.000534	0.028832
30.14566	0.031153	-0.0026	-7.6E-05	0.031261
30.14802	0.032986	-0.00015	0.002367	0.033071
30.15038	0.034818	-0.00382	0.000534	0.035031
30.15275	0.038483	-0.00382	-0.0013	0.038694
30.15511	0.04337	-0.00443	-7.6E-05	0.043596
30.15747	0.045814	-0.00382	0.001145	0.045987
30.15984	0.045814	-0.00382	0.000534	0.045975
30.1622	0.043981	-0.00504	0.002367	0.044332
30.16456	0.041538	-0.00626	0.001145	0.042022
30.16692	0.039705	-0.00504	0.002367	0.040094
30.16929	0.034207	-0.00321	0.001145	0.034377
30.17165	0.02871	-0.00015	-0.00069	0.028718
30.17401	0.018936	-0.00199	0.000534	0.019048
30.17638	0.010995	-0.00076	-0.00069	0.011043
30.17874	0.005498	-0.00137	0.000534	0.005692
30.1811	-0.00183	-0.00137	0.0042	0.004784
30.18346	-0.0055	0.000458	0.002367	0.006003
30.18583	-0.00611	0.00168	0.002367	0.006763
30.18819	-0.00672	0.000458	0.002367	0.007139
30.19055	-0.00489	-0.00199	-0.00069	0.005319
30.19292	-0.00367	-0.00076	0.001756	0.004135
30.19528	0.000611	-0.00137	0.001145	0.00189
30.19764	0.005498	-0.00015	0.001756	0.005773
30.2	0.007941	-0.00199	0.002367	0.008521
30.20237	0.008552	-0.00076	0.002367	0.008906
30.20473	0.010384	-0.0026	0.002367	0.010963
30.20709	0.011606	-0.00199	-0.00069	0.011795
30.20946	0.011606	-0.00137	-7.6E-05	0.011687
30.21182	0.010384	-0.00137	0.000534	0.010489
30.21418	0.010995	-0.00076	-7.6E-05	0.011022
30.21654	0.008552	-0.00199	0.000534	0.008796
30.21891	0.007941	-0.00076	0.000534	0.007996
30.22127	0.006719	-0.0026	0.000534	0.007223
30.22363	0.006108	-0.00321	0.001756	0.007119
30.226	0.005498	-0.00076	-0.00069	0.005593
30.22836	0.004887	0.001069	0.001756	0.005302
30.23072	0.001833	-0.00137	0.002367	0.003294
30.23308	-0.00367	-0.0026	0.002978	0.005389
30.23545	-0.00489	-0.00076	0.001145	0.005077
30.23781	-0.00733	-0.00015	0.002367	0.007704

30.24017	-0.01344	0.00168	0.001145	0.013592
30.24254	-0.01771	0.00168	0.002367	0.017951
30.2449	-0.02138	0.002291	0.000534	0.021509
30.24726	-0.02443	0.002291	0.001756	0.024604
30.24962	-0.02932	0.00168	0.002978	0.029519
30.25199	-0.03237	0.002291	0.000534	0.03246
30.25435	-0.03299	0.002902	0.000534	0.033117
30.25671	-0.03482	0.002291	0.000534	0.034898
30.25907	-0.03543	0.00168	0.002978	0.035594
30.26144	-0.03604	0.00168	0.001145	0.036097
30.2638	-0.03482	0.001069	0.001145	0.034854
30.26616	-0.03482	0.002291	0.000534	0.034898
30.26853	-0.03726	0.001069	0.001756	0.037318
30.27089	-0.03421	0.001069	0.001756	0.034269
30.27325	-0.03115	-0.00076	0.002978	0.031305
30.27561	-0.03176	0.00168	0.001756	0.031857
30.27798	-0.0281	0.002902	0.002367	0.028347
30.28034	-0.02749	-0.00076	0.002367	0.0276
30.2827	-0.02627	-0.00076	-7.6E-05	0.026278
30.28507	-0.02627	-0.00076	0.001145	0.026302
30.28743	-0.02566	0.002291	0.003589	0.026006
30.28979	-0.02749	0.00168	0.001756	0.027595
30.29215	-0.0281	-0.00076	0.001756	0.028164
30.29452	-0.0281	-0.00015	0.001145	0.028123
30.29688	-0.02688	-0.00137	0.0042	0.027238
30.29924	-0.02504	0.000458	0.001145	0.025075
30.30161	-0.02566	0.000458	0.002367	0.025769
30.30397	-0.02627	-0.00076	0.002978	0.026446
30.30633	-0.02566	-0.00137	0.001145	0.025718
30.30869	-0.02443	-0.00015	0.001145	0.024461
30.31106	-0.02199	-0.00137	0.002367	0.02216
30.31342	-0.02077	-0.00199	0.002367	0.020997
30.31578	-0.02077	-0.00199	0.002367	0.020997
30.31815	-0.02016	-0.00321	-0.0013	0.020453
30.32051	-0.02077	-0.00137	-7.6E-05	0.020814
30.32287	-0.0226	-0.00076	-0.00069	0.022625
30.32523	-0.02382	-0.00137	-7.6E-05	0.023863
30.3276	-0.02321	-0.00015	-7.6E-05	0.023213
30.32996	-0.02504	-0.00076	-0.00069	0.025066
30.33232	-0.02566	-0.00015	-0.00252	0.025779
30.33469	-0.02749	-0.00137	-0.00313	0.0277
30.33705	-0.02993	-0.0026	-0.00313	0.030207
30.33941	-0.03115	-0.00076	-0.0013	0.03119
30.34177	-0.03421	-0.00015	-0.00191	0.034261
30.34414	-0.03421	-0.00015	-0.00252	0.0343
30.3465	-0.0336	0.000458	-0.00252	0.033694
30.34886	-0.03421	-0.00076	-0.00191	0.034269
30.35123	-0.03176	-0.00076	0.001756	0.031822
30.35359	-0.03176	-0.00076	0.005421	0.032232
30.35595	-0.02871	-0.00076	0.010308	0.030514
30.35831	-0.02627	-0.00199	0.017027	0.031366
30.36068	-0.02627	-0.00199	0.023747	0.035465

30.36304	-0.02382	-0.00076	0.026801	0.035867
30.3654	-0.02504	-0.00076	0.029855	0.038976
30.36776	-0.02627	0.000458	0.032909	0.042109
30.37013	-0.02871	0.000458	0.035353	0.045544
30.37249	-0.02932	0.000458	0.036574	0.046879
30.37485	-0.0336	0.001069	0.036574	0.049675
30.37722	-0.03726	0.002902	0.037185	0.052722
30.37958	-0.04032	0.005345	0.037796	0.05552
30.38194	-0.04459	0.002291	0.038407	0.058896
30.3843	-0.04765	0.002291	0.038407	0.061241
30.38667	-0.04826	0.003512	0.038407	0.061775
30.38903	-0.05131	0.002902	0.038407	0.064159
30.39139	-0.05192	0.002902	0.04085	0.066129
30.39376	-0.05253	0.002902	0.041461	0.066986
30.39612	-0.05253	0.002902	0.043905	0.068525
30.39848	-0.05131	0.002902	0.044515	0.067992
30.40084	-0.05009	0.004123	0.045737	0.067955
30.40321	-0.0452	0.003512	0.045126	0.063969
30.40557	-0.04032	0.004123	0.046348	0.061567
30.40793	-0.03543	0.002902	0.044515	0.056967
30.4103	-0.03054	0.00168	0.045126	0.054516
30.41266	-0.02504	0.002291	0.045737	0.052196
30.41502	-0.02016	0.000458	0.04757	0.051667
30.41738	-0.01466	-0.00076	0.045737	0.048035
30.41975	-0.011	-0.00015	0.046959	0.048229
30.42211	-0.00916	-0.00015	0.045126	0.046047
30.42447	-0.00733	0.000458	0.042683	0.04331
30.42684	-0.00489	0.000458	0.04085	0.041144
30.4292	-0.00305	-0.00137	0.039629	0.03977
30.43156	-0.00367	-0.00076	0.036574	0.036766
30.43392	-0.00244	-0.00199	0.032909	0.03306
30.43629	-0.00122	-0.00076	0.031077	0.03111
30.43865	-0.00305	0.002902	0.028633	0.028942
30.44101	-0.00428	0.00168	0.026801	0.027192
30.44338	-0.00428	-0.00015	0.024968	0.025332
30.44574	-0.00489	-0.00076	0.023747	0.024256
30.4481	-0.0055	-0.00076	0.020692	0.021424
30.45046	-0.00428	0.001069	0.016417	0.016998
30.45283	-0.0055	0.002902	0.014584	0.015854
30.45519	-0.00794	0.002291	0.012751	0.015196
30.45755	-0.00855	0.001069	0.014584	0.01694
30.45992	-0.00794	0.00168	0.013973	0.01616
30.46228	-0.00733	0.000458	0.015195	0.016877
30.46464	-0.00916	0.00168	0.015195	0.017823
30.467	-0.00916	0.000458	0.014584	0.01723
30.46937	-0.011	0.001069	0.017027	0.020297
30.47173	-0.01161	-0.00015	0.016417	0.020105
30.47409	-0.01405	0.002291	0.013362	0.019524
30.47645	-0.01588	0.00168	0.013973	0.02122
30.47882	-0.01588	0.001069	0.01153	0.019655
30.48118	-0.01405	0.002291	0.01153	0.018319
30.48354	-0.01466	0.000458	0.010919	0.018285

30.48591	-0.01588	0.002902	0.009086	0.018526
30.48827	-0.01588	0.00168	0.008476	0.01808
30.49063	-0.01588	0.000458	0.006643	0.017221
30.49299	-0.01466	0.001069	0.00481	0.015466
30.49536	-0.01527	0.002291	0.005421	0.016366
30.49772	-0.01161	0.002291	0.003589	0.012362
30.50008	-0.00855	0.002291	0.0042	0.009799
30.50245	-0.00733	0.00168	0.000534	0.007539
30.50481	-0.0055	0.002291	-0.00313	0.006728
30.50717	-0.00367	0.002902	-0.0013	0.004851
30.50953	-0.00122	0.001069	-0.00313	0.003526
30.51119	-0.00061	0.002902	-0.00618	0.006859
30.51426	0.001222	0.00168	-0.00741	0.007692
30.51662	0	0.000458	-0.00741	0.007421
30.51899	0.001222	0.00168	-0.00985	0.010067
30.52135	0.000611	0.001069	-0.01413	0.014179
30.52371	0	0.003512	-0.01718	0.017535
30.52607	0	0.003512	-0.01901	0.019334
30.52844	-0.00122	0.001069	-0.01962	0.01969
30.5308	-0.00244	0.001069	-0.01962	0.019804
30.53316	-0.00305	0.00168	-0.0184	0.018729
30.53553	-0.00428	0.001069	-0.02207	0.022503
30.53789	-0.00672	0.002291	-0.02268	0.023763
30.54025	-0.00794	0.002902	-0.02512	0.026506
30.54261	-0.01038	0.002291	-0.02756	0.029545
30.54498	-0.01283	0.002291	-0.02818	0.031043
30.54734	-0.01405	0.004734	-0.0294	0.032924
30.5497	-0.0171	0.007177	-0.03123	0.036323
30.55207	-0.02077	0.006567	-0.03184	0.038578
30.55443	-0.02443	0.004734	-0.03184	0.040413
30.55679	-0.02688	0.003512	-0.03001	0.040438
30.55915	-0.02932	0.002291	-0.02818	0.040728
30.56152	-0.02871	0.004734	-0.03001	0.041799
30.56388	-0.03115	0.005345	-0.03245	0.045301
30.56624	-0.03299	0.007177	-0.03489	0.048551
30.56861	-0.03054	0.004123	-0.03795	0.048887
30.57097	-0.02688	0.004123	-0.03978	0.048187
30.57333	-0.02688	0.006567	-0.03734	0.046472
30.57569	-0.02504	0.00901	-0.04039	0.048373
30.57806	-0.02566	0.006567	-0.03917	0.047283
30.58042	-0.02443	0.003512	-0.03673	0.044252
30.58278	-0.02443	0.00168	-0.03428	0.042133
30.58514	-0.0226	0.003512	-0.03367	0.040707
30.58751	-0.02382	0.004123	-0.03428	0.041951
30.58987	-0.02443	0.004123	-0.03612	0.0438
30.59223	-0.02504	0.004123	-0.03673	0.044644
30.5946	-0.02566	0.003512	-0.03978	0.047467
30.59696	-0.02566	0.004123	-0.03917	0.047006
30.59932	-0.02382	0.00168	-0.03734	0.044323
30.60168	-0.01894	0.00168	-0.03612	0.040814
30.60405	-0.01771	0.000458	-0.03795	0.041882
30.60641	-0.0171	0.00168	-0.03734	0.041103

30.60877	-0.01405	0.002902	-0.03673	0.03943
30.61114	-0.01222	0.004123	-0.03673	0.038925
30.6135	-0.01038	0.000458	-0.03428	0.035825
30.61586	-0.01038	0.00168	-0.03123	0.032954
30.61822	-0.01038	0.00168	-0.03001	0.031798
30.62059	-0.00855	0.001069	-0.02695	0.028298
30.62295	-0.00916	0.001069	-0.02451	0.026189
30.62531	-0.00977	0.00168	-0.02085	0.023084
30.62768	-0.00977	0.00168	-0.01474	0.017763
30.63004	-0.01344	0.002902	-0.01046	0.017276
30.6324	-0.01466	0.001069	-0.00374	0.015168
30.63476	-0.01588	0.000458	-7.6E-05	0.015889
30.63713	-0.01894	0.00168	0.006032	0.019945
30.63949	-0.02138	0.002291	0.010919	0.024116
30.64185	-0.02321	0.004123	0.016417	0.028728
30.64422	-0.02382	0.004123	0.021303	0.032224
30.64658	-0.02504	0.004734	0.028023	0.03788
30.64894	-0.02566	0.004734	0.037185	0.045424
30.6513	-0.02749	0.004123	0.04024	0.048906
30.65367	-0.02688	0.005956	0.043905	0.051822
30.65603	-0.02749	0.007788	0.045126	0.05341
30.65839	-0.02627	0.003512	0.048181	0.054988
30.66076	-0.0281	0.004734	0.051235	0.058626
30.66312	-0.02871	0.005345	0.054289	0.061645
30.66548	-0.02871	0.004123	0.053678	0.061013
30.66784	-0.03054	0.003512	0.0549	0.062922
30.67021	-0.03115	0.005345	0.056732	0.064944
30.67257	-0.03115	0.007788	0.050624	0.05995
30.67493	-0.03237	0.005956	0.051235	0.060898
30.6773	-0.03299	0.005345	0.045737	0.056644
30.67966	-0.03421	0.005956	0.042683	0.055022
30.68202	-0.03665	0.006567	0.039629	0.054377
30.68438	-0.03848	0.008399	0.04024	0.056309
30.68675	-0.04276	0.010232	0.037796	0.057979
30.68911	-0.04459	0.00901	0.035964	0.057991
30.69147	-0.04581	0.007788	0.035964	0.058762
30.69383	-0.04581	0.00901	0.03352	0.057478
30.6962	-0.04581	0.00901	0.032299	0.056774
30.69856	-0.04398	0.009621	0.02619	0.052085
30.70092	-0.04276	0.00901	0.025579	0.050634
30.70329	-0.04398	0.004734	0.023747	0.050206
30.70565	-0.0452	0.005345	0.020082	0.049751
30.70801	-0.04704	0.006567	0.017027	0.050452
30.71037	-0.04398	0.007788	0.015195	0.047179
30.71274	-0.04459	0.007177	0.01153	0.046614
30.7151	-0.04337	0.005345	0.009086	0.044633
30.71746	-0.04215	0.004734	0.010308	0.043648
30.71983	-0.04154	0.005345	0.010308	0.04313
30.72219	-0.04032	0.005345	0.013973	0.043002
30.72455	-0.03726	0.005956	0.01153	0.039457
30.72691	-0.03604	0.006567	0.012141	0.038593
30.72928	-0.0336	0.006567	0.01153	0.036122

30.73164	-0.03299	0.004734	0.013362	0.035903
30.734	-0.03115	0.004734	0.01153	0.033554
30.73637	-0.02993	0.004734	0.010919	0.032211
30.73873	-0.02749	0.003512	0.009697	0.029359
30.74109	-0.02627	0.003512	0.006643	0.02732
30.74345	-0.02504	0.002902	0.007865	0.02641
30.74582	-0.02504	0.002291	0.007254	0.026174
30.74818	-0.0226	0.003512	0.002367	0.022995
30.75054	-0.02016	0.002902	0.001756	0.020441
30.75291	-0.01833	0.002291	-0.00069	0.018481
30.75527	-0.01771	0.001069	-0.00374	0.018137
30.75763	-0.01833	0.002902	-0.00557	0.019373
30.75999	-0.01527	0.004734	-0.00985	0.018779
30.76236	-0.01588	0.002291	-0.01351	0.02098
30.76472	-0.01344	0.004734	-0.0184	0.023273
30.76708	-0.01161	0.003512	-0.02329	0.026256
30.76945	-0.011	0.002291	-0.02756	0.029765
30.77181	-0.011	0.002291	-0.03001	0.032041
30.77417	-0.00916	0.00168	-0.03551	0.036707
30.77653	-0.01038	0.000458	-0.03734	0.038758
30.7789	-0.00977	0.00168	-0.03978	0.040999
30.78126	-0.00916	-0.00015	-0.04284	0.043805
30.78362	-0.01161	0.00168	-0.04406	0.045591
30.78599	-0.011	0.005345	-0.0465	0.048081
30.78835	-0.01222	0.003512	-0.04833	0.049977
30.79071	-0.0171	0.002902	-0.04955	0.052504
30.79307	-0.01771	0.002291	-0.05139	0.054403
30.79544	-0.01955	0.004123	-0.05322	0.056846
30.7978	-0.02138	0.006567	-0.05689	0.061124
30.80016	-0.02443	0.006567	-0.05994	0.06506
30.80253	-0.02932	0.005345	-0.06177	0.068586
30.80489	-0.0336	0.008399	-0.05994	0.069224
30.80725	-0.03665	0.008399	-0.0636	0.073887
30.80961	-0.03971	0.008399	-0.0636	0.075449
30.81198	-0.03971	0.007788	-0.06422	0.0759
30.81434	-0.04093	0.005956	-0.0636	0.075868
30.8167	-0.04337	0.007788	-0.06849	0.081441
30.81906	-0.04154	0.006567	-0.06788	0.079851
30.82143	-0.03909	0.006567	-0.07093	0.08126
30.82379	-0.03665	0.006567	-0.07032	0.079573
30.82615	-0.03237	0.005956	-0.0746	0.08154
30.82852	-0.02932	0.004123	-0.07521	0.080829
30.83088	-0.02688	0.006567	-0.07765	0.082436
30.83324	-0.02443	0.006567	-0.07826	0.082253
30.8356	-0.02321	0.005345	-0.08132	0.084736
30.83797	-0.02199	0.004734	-0.08193	0.084962
30.84033	-0.02016	0.003512	-0.08193	0.084446
30.84269	-0.01955	0.002902	-0.08437	0.086657
30.84506	-0.0171	0.002291	-0.08376	0.085522
30.84742	-0.01649	0.002902	-0.08071	0.082427
30.84978	-0.01649	0.00168	-0.0801	0.081795
30.85214	-0.01527	-0.00015	-0.07888	0.080341

30.85451	-0.01405	-0.00076	-0.07582	0.077116
30.85687	-0.011	-0.00076	-0.07399	0.074805
30.85923	-0.011	-0.00076	-0.07399	0.074805
30.8616	-0.00855	-0.00199	-0.07155	0.072082
30.86396	-0.00672	-0.00199	-0.06971	0.070064
30.86632	-0.00367	-0.0026	-0.06666	0.06681
30.86868	-0.00428	0.000458	-0.06299	0.06314
30.87105	-0.00244	-0.00199	-0.05872	0.058802
30.87341	-0.00183	-0.0026	-0.05444	0.054534
30.87577	-0.00183	-0.00321	-0.052	0.052129
30.87814	-0.00244	-0.00076	-0.04772	0.047791
30.8805	-0.00733	0.001069	-0.04528	0.045881
30.88286	-0.01038	0.001069	-0.04222	0.043496
30.88522	-0.01038	0.001069	-0.03856	0.039948
30.88759	-0.01344	0.00168	-0.03306	0.035728
30.88995	-0.01588	0.002291	-0.03367	0.037301
30.89231	-0.01527	0.00168	-0.0294	0.03317
30.89468	-0.01588	0.002902	-0.02573	0.030377
30.89704	-0.01405	0.002902	-0.02451	0.0284
30.8994	-0.01283	0.001069	-0.02268	0.026076
30.90176	-0.01466	0.001069	-0.02329	0.02754
30.90413	-0.01283	0.001069	-0.02268	0.026076
30.90649	-0.00977	0.001069	-0.02207	0.024158
30.90885	-0.00977	0.002291	-0.02329	0.02536
30.91122	-0.00916	0.001069	-0.02451	0.026189
30.91358	-0.00977	0.000458	-0.02451	0.026391
30.91594	-0.011	-0.0026	-0.02634	0.028663
30.9183	-0.01038	-0.00076	-0.02573	0.027759
30.92067	-0.01038	-0.00015	-0.02818	0.030028
30.92303	-0.01344	-0.00137	-0.02695	0.030149
30.92539	-0.01405	-0.0026	-0.02879	0.032137
30.92775	-0.01588	-0.00015	-0.02756	0.031813
30.93012	-0.01771	-0.00015	-0.02695	0.032254
30.93248	-0.01833	-0.00137	-0.03001	0.035188
30.93484	-0.01955	-0.00137	-0.03062	0.036352
30.93721	-0.01894	-0.00076	-0.03123	0.03653
30.93957	-0.01894	0.000458	-0.03123	0.036525
30.94193	-0.01955	-0.00076	-0.03062	0.036334
30.94429	-0.02199	-0.00137	-0.03001	0.037228
30.94666	-0.02321	0.001069	-0.03001	0.037953
30.94902	-0.02504	0.002291	-0.02756	0.037313
30.95138	-0.02688	-0.00015	-0.02634	0.037634
30.95375	-0.02749	0.000458	-0.02756	0.038931
30.95611	-0.03054	-0.00076	-0.02451	0.039168
30.95847	-0.02871	-0.00015	-0.02329	0.036968
30.96083	-0.02993	-0.00015	-0.02329	0.037925
30.9632	-0.02932	-0.00076	-0.02085	0.035983
30.96556	-0.02932	-0.00015	-0.02085	0.035976
30.96792	-0.02871	-0.00137	-0.01962	0.034803
30.97029	-0.02688	-0.00015	-0.01657	0.031575
30.97265	-0.02688	-0.00076	-0.0129	0.029824
30.97501	-0.02443	-0.00137	-0.01168	0.027118

30.97737	-0.02199	-0.00076	-0.00924	0.023865
30.97974	-0.02138	-0.00015	-0.00863	0.023056
30.9821	-0.01649	-0.00321	-0.00435	0.017356
30.98446	-0.0171	-0.00137	-0.00557	0.018041
30.98683	-0.01588	-0.00199	-0.00435	0.016587
30.98919	-0.01527	-0.00015	-0.00313	0.01559
30.99155	-0.01344	0.000458	-0.00313	0.013806
30.99391	-0.01283	-0.00015	-0.00191	0.01297
30.99628	-0.01222	-0.00199	0.000534	0.012389
30.99864	-0.01222	-0.00137	-7.6E-05	0.012294
31.001	-0.011	-0.00076	0.001756	0.011161
31.00337	-0.01283	0.000458	0.002367	0.013052
31.00573	-0.01283	-0.00137	0.00481	0.013769
31.00809	-0.01161	-0.00076	0.006032	0.013102
31.01045	-0.01222	0.00168	0.0042	0.013027
31.01282	-0.00916	0.002291	0.006032	0.011207
31.01518	-0.01038	0.00168	0.007865	0.013134
31.01754	-0.00977	0.000458	0.006643	0.011826
31.01991	-0.00977	-0.00015	0.006643	0.011818
31.02227	-0.00855	0.000458	0.006643	0.010839
31.02463	-0.00916	0.001069	0.007254	0.011735
31.02699	-0.00977	0.000458	0.006032	0.011494
31.02936	-0.00977	0.002291	0.006032	0.011711
31.03172	-0.00855	0.00168	0.00481	0.009955
31.03408	-0.01038	0.002291	0.003589	0.011223
31.03644	-0.01038	0.00168	0.0042	0.011327
31.03881	-0.00977	-0.00076	0.00481	0.01092
31.04117	-0.00672	-0.00076	0.003589	0.007656
31.04353	-0.00672	-0.00076	0.00481	0.008299
31.0459	-0.00733	-0.00015	0.0042	0.008449
31.04826	-0.00489	-0.00199	0.002367	0.005781
31.05062	-0.00428	-0.00321	0.001756	0.005626
31.05298	-0.00794	-0.00382	-0.00069	0.008838
31.05535	-0.00367	-0.00321	-0.00252	0.005483
31.05771	-0.0055	-0.0026	-7.6E-05	0.00608
31.06007	-0.0055	-0.0026	0.001756	0.006328
31.06244	-0.00489	-0.00382	0.001145	0.006306
31.0648	-0.0055	-0.00382	0.000534	0.006715
31.06716	-0.00916	-0.0026	-0.00191	0.009713
31.06952	-0.01038	-0.00443	-0.00069	0.01131
31.07189	-0.011	-0.00199	-0.00252	0.011454
31.07425	-0.01222	-0.00443	-0.00069	0.013013
31.07661	-0.01283	-0.00321	-7.6E-05	0.013223
31.07898	-0.01283	-0.0026	0.000534	0.013099
31.08134	-0.01161	-0.00321	0.000534	0.012053
31.0837	-0.00794	-0.00137	-0.00191	0.008282
31.08606	-0.00672	-0.00076	-0.00069	0.006797
31.08843	-0.0055	-0.00015	-0.00191	0.005822
31.09079	-0.0055	-0.00015	-0.00496	0.007408
31.09315	-0.00244	-0.00382	-0.00252	0.005186
31.09552	-0.00611	-0.00993	0.00481	0.012609
31.09788	-0.00489	0.004123	0.002367	0.006818

31.10024	-0.00428	0.011453	-7.6E-05	0.012226
31.1026	-0.00611	0.00168	0.002367	0.006763
31.10497	-0.00794	-0.0026	0.001145	0.008433
31.10733	-0.00855	-0.00076	0.001145	0.008662
31.10969	-0.00977	0.004734	0.003589	0.011437
31.11206	-0.00916	0.006567	0.001756	0.011409
31.11442	-0.01161	0.002291	0.000534	0.011842
31.11678	-0.01283	0.001069	0.001756	0.012992
31.11914	-0.01283	0.00168	0.002978	0.013276
31.12151	-0.01344	0.003512	-7.6E-05	0.01389
31.12387	-0.01405	0.001069	0.001756	0.014199
31.12623	-0.01344	0.001069	0.000534	0.013492
31.1286	-0.01161	0.002291	-7.6E-05	0.01183
31.13096	-0.01344	0.000458	0.001145	0.013495
31.13332	-0.01038	0.001069	0.001756	0.010586
31.13568	-0.011	0.000458	0.001756	0.011144
31.13805	-0.01161	0.001069	0.001145	0.011711
31.14041	-0.01222	0.001069	0.001145	0.012317
31.14277	-0.01222	0.00168	-7.6E-05	0.012332
31.14513	-0.01038	0.002902	0.000534	0.010795
31.1475	-0.00977	0.001069	-7.6E-05	0.009832
31.14986	-0.00855	0.001069	0.000534	0.008635
31.15222	-0.00672	0.00168	-0.00252	0.00737
31.15459	-0.00611	0.000458	-0.00252	0.006624
31.15695	-0.00489	0.000458	-0.0013	0.005077
31.15931	-0.00183	0.00168	-0.00252	0.00354
31.16167	-0.00244	0.002291	-0.00435	0.005492
31.16404	-0.00122	0.001069	-0.00374	0.004078
31.1664	-0.00122	0.004123	-0.00618	0.007533
31.16876	-0.00244	0.005345	-0.00557	0.0081
31.17113	-0.00305	0.004734	-0.00741	0.009306
31.17349	-0.00305	0.004123	-0.01046	0.011651
31.17585	-0.00428	0.004734	-0.01168	0.013311
31.17821	-0.00489	0.002291	-0.01168	0.012869
31.18058	-0.00672	0.003512	-0.01351	0.015496
31.18294	-0.00428	0.003512	-0.01657	0.017469
31.1853	-0.00611	0.004123	-0.01596	0.017578
31.18767	-0.00733	0.004123	-0.01901	0.02079
31.19003	-0.00855	0.002902	-0.01779	0.019952
31.19239	-0.00733	0.003512	-0.0184	0.020117
31.19475	-0.00611	0.002291	-0.01657	0.017807
31.19712	-0.00489	0.00168	-0.01901	0.019702
31.19948	-0.00305	0.00168	-0.01657	0.016932
31.20184	-0.00122	0.000458	-0.01596	0.016012
31.20421	-0.00061	0.001069	-0.01351	0.013571
31.20657	0.002443	0.00168	-0.01718	0.017434
31.20893	0.001833	-0.00015	-0.01657	0.016671
31.21129	0.003054	0.000458	-0.01657	0.016855
31.21366	0.004887	-0.00015	-0.01229	0.01323
31.21602	0.004887	0.000458	-0.01046	0.011555
31.21838	0.005498	0.000458	-0.01107	0.01237
31.22075	0.005498	-0.00015	-0.00924	0.010752

31.22311	0.005498	0.001069	-0.00863	0.010287
31.22547	0.007941	0.001069	-0.00802	0.011335
31.22783	0.00733	-0.00137	-0.00618	0.009689
31.2302	0.005498	-0.0026	-0.00863	0.010555
31.23256	0.003665	0.001069	-0.01351	0.014044
31.23492	0.003054	0.000458	-0.02268	0.022887
31.23729	-0.00122	0.005956	-0.05017	0.050533
31.23965	-0.00061	-0.00321	-0.05627	0.056369
31.24201	0.006719	-0.00382	-0.03673	0.037531
31.24437	0.012217	0.006567	-0.03123	0.034171
31.24674	0.019547	0.007788	-0.03245	0.038676
31.2491	0.021991	0.00168	-0.02451	0.032972
31.25146	0.020769	-0.00199	-0.02023	0.029064
31.25382	0.017104	-0.00443	-0.01596	0.023808
31.25619	0.012828	-0.0026	-0.0129	0.01838
31.25855	0.006108	-0.00137	-0.0129	0.014343
31.26091	-0.00244	0.000458	-0.01229	0.012542
31.26328	-0.00733	0.001069	-0.01535	0.017042
31.26564	-0.01038	0.000458	-0.01351	0.01705
31.268	-0.00977	0.00168	-0.01474	0.017763
31.27036	-0.01161	0.002291	-0.01474	0.018898
31.27273	-0.011	0.004734	-0.01413	0.018516
31.27509	-0.00855	0.004734	-0.0129	0.016188
31.27745	-0.01222	0.005345	-0.00985	0.016578
31.27982	-0.01222	0.005956	-0.00924	0.016434
31.28218	-0.01283	0.005956	-0.0068	0.015691
31.28454	-0.01588	0.005956	-0.00557	0.017854
31.2869	-0.01588	0.005345	-0.00557	0.01766
31.28927	-0.01527	0.007788	-0.00252	0.017327
31.29163	-0.01833	0.007788	-0.00313	0.020156
31.29399	-0.01527	0.008399	-0.00557	0.018298
31.29636	-0.01771	0.004734	-0.01901	0.026414
31.29872	-0.01894	0.010232	-0.04222	0.047394
31.30108	-0.0171	0.004123	-0.04528	0.048577
31.30344	-0.00733	0.004734	-0.03184	0.033014
31.30581	0.004276	0.007177	-0.01657	0.018556
31.30817	0.010384	0.004123	-7.6E-05	0.011173
31.31053	0.012828	0.000458	0.010919	0.016852
31.3129	0.009774	0.000458	0.018249	0.020707
31.31526	0.001833	-0.00382	0.018249	0.018734
31.31762	-0.00183	-0.00443	0.015806	0.016516
31.31998	-0.00794	-0.00687	0.012751	0.016519
31.32235	-0.01283	-0.00504	0.010919	0.017583
31.32471	-0.01588	-0.00321	0.007865	0.01801
31.32707	-0.01344	0.000458	0.00481	0.014281
31.32944	-0.01038	0.002291	-0.00435	0.01149
31.3318	-0.00489	-0.00015	-0.01107	0.012103
31.33416	0.003054	-0.00015	-0.00863	0.009154
31.33652	0.010995	-0.00015	0.000534	0.011009
31.33889	0.015882	0.001069	0.008476	0.018034
31.34125	0.014049	0.001069	0.013362	0.019419
31.34361	0.010384	0.002291	0.015806	0.01905

31.34598	0.006108	0.00168	0.018249	0.019317
31.34834	-0.00244	0.000458	0.016417	0.016604
31.3507	-0.00855	0.000458	0.015806	0.017977
31.35306	-0.01588	-0.00076	0.015195	0.021993
31.35543	-0.01771	0.001069	0.014584	0.02297
31.35779	-0.01955	0.001069	0.013362	0.023702
31.36015	-0.01955	0.004734	0.012751	0.023814
31.36251	-0.01894	0.004123	0.013973	0.023892
31.36488	-0.01527	0.006567	0.013973	0.021716
31.36724	-0.01588	0.005956	0.013973	0.021976
31.3696	-0.01955	0.005956	0.014584	0.025105
31.37197	-0.02016	0.005345	0.016417	0.026541
31.37433	-0.0226	0.006567	0.017027	0.029049
31.37669	-0.02627	0.006567	0.016417	0.031663
31.37905	-0.02627	0.004734	0.016417	0.031334
31.38142	-0.02627	0.005956	0.017638	0.032195
31.38378	-0.02566	0.005345	0.018249	0.031934
31.38614	-0.02566	0.005956	0.017638	0.031698
31.38851	-0.0226	0.006567	0.017027	0.029049
31.39087	-0.01955	0.005345	0.016417	0.02608
31.39323	-0.01833	0.004123	0.016417	0.024946
31.39559	-0.0171	0.002902	0.013973	0.022276
31.39796	-0.011	0.005956	0.01153	0.017009
31.40032	-0.01405	0.00168	0.015195	0.020763
31.40268	-0.01283	0.000458	0.013973	0.018974
31.40505	-0.01161	0.000458	0.014584	0.018644
31.40741	-0.00977	0.000458	0.013362	0.016561
31.40977	-0.00489	0.001069	0.010919	0.01201
31.41213	-0.00367	-0.00137	0.01153	0.012176
31.4145	-0.00183	-0.00199	0.008476	0.008896
31.41686	0.000611	-0.00076	0.009697	0.009746
31.41922	0.001833	-0.00076	0.01153	0.011699
31.42159	0.003665	-0.00076	0.010919	0.011543
31.42395	0.004276	-0.0026	0.012751	0.013698
31.42631	0.004887	-0.00199	0.01153	0.012679
31.42867	0.003665	-0.00199	0.010919	0.011687
31.43104	0.001222	0.001069	0.010919	0.011039
31.4334	0.000611	-0.00015	0.012141	0.012157
31.43576	-0.00183	0.000458	0.012141	0.012287
31.43813	-0.00305	0.000458	0.012141	0.012527
31.44049	-0.00794	0.002291	0.014584	0.016763
31.44285	-0.01038	0.00168	0.014584	0.017982
31.44521	-0.01283	-0.00015	0.015195	0.019886
31.44758	-0.01649	0.002291	0.015806	0.022958
31.44994	-0.02016	0.004734	0.013973	0.02498
31.4523	-0.02016	0.002902	0.017027	0.026546
31.45467	-0.02321	0.004734	0.016417	0.028822
31.45703	-0.02566	0.003512	0.017638	0.031331
31.45939	-0.02443	0.005345	0.017638	0.030605
31.46175	-0.02382	0.006567	0.017638	0.030361
31.46412	-0.02199	0.005956	0.016417	0.028081
31.46648	-0.02321	0.005345	0.019471	0.030765

31.46884	-0.01955	0.004123	0.017638	0.02665
31.4712	-0.01894	0.004123	0.015195	0.024627
31.47357	-0.01527	0.002902	0.014584	0.021315
31.47593	-0.01344	0.002902	0.013973	0.019603
31.47829	-0.01161	0.004123	0.013362	0.018173
31.48066	-0.00916	0.00168	0.009086	0.013013
31.48302	-0.00733	0.00168	0.003589	0.008333
31.48538	-0.0055	0.001069	-0.00191	0.005917
31.48774	-0.00183	-0.00015	-0.01107	0.011223
31.49011	0.000611	0.00168	-0.01413	0.014238
31.49247	0.000611	0.001069	-0.01535	0.015397
31.49483	0.000611	0.000458	-0.01535	0.015367
31.4972	0	-0.00015	-0.0184	0.018402
31.49956	-0.00305	0.002902	-0.01962	0.020071
31.50192	-0.00367	0.002902	-0.02023	0.020767
31.50428	-0.00061	0.003512	-0.02329	0.02356
31.50665	0	0.00168	-0.0294	0.029445
31.50901	0.001222	0.000458	-0.03978	0.039803
31.51137	0.005498	0.004123	-0.05689	0.057299
31.51374	0.007941	0.003512	-0.0575	0.058148
31.5161	0.009163	-0.00504	-0.05444	0.055437
31.51846	0.011606	-0.01115	-0.0575	0.059706
31.52082	0.011606	-0.00809	-0.05627	0.058026
31.52319	0.00733	0.003512	-0.05322	0.053837
31.52555	0.003665	0.007177	-0.05078	0.051412
31.52791	0.000611	0.004123	-0.04894	0.049121
31.53028	-0.00611	0.004123	-0.0465	0.047081
31.53264	-0.00794	0.003512	-0.04589	0.046704
31.535	-0.00855	0.008399	-0.04284	0.044481
31.53736	-0.00794	0.00901	-0.04345	0.045076
31.53973	-0.00611	0.006567	-0.04222	0.043167
31.54209	-0.0055	0.002902	-0.04039	0.040868
31.54445	-0.00305	0.007177	-0.03978	0.040539
31.54682	0.000611	0.004123	-0.03734	0.03757
31.54918	0.004887	-0.00076	-0.03612	0.036453
31.55154	0.007941	-0.00565	-0.03367	0.035055
31.5539	0.009774	-0.00443	-0.03306	0.03476
31.55627	0.012217	-0.00015	-0.03428	0.036396
31.55863	0.011606	0.001069	-0.03062	0.032762
31.56099	0.008552	0.003512	-0.02634	0.027918
31.56336	0.006108	0.002291	-0.02573	0.026546
31.56572	0.004887	-0.00076	-0.02451	0.025004
31.56808	0.006108	0.001069	-0.02879	0.029447
31.57044	0.005498	0.003512	-0.03367	0.034299
31.57281	0.010384	0.010232	-0.03428	0.037255
31.57517	0.010384	0.005345	-0.03184	0.033915
31.57753	0.012828	-0.0026	-0.03306	0.035558
31.5799	0.017715	-0.00015	-0.04467	0.048053
31.58226	0.020769	0.002902	-0.06544	0.068715
31.58462	0.023212	-0.0026	-0.08132	0.084607
31.58698	0.024434	-0.0087	-0.08254	0.08652
31.58935	0.020769	-0.00565	-0.07582	0.078817

31.59171	0.01466	0.003512	-0.07155	0.073116
31.59407	0.004887	0.011453	-0.07582	0.076837
31.59643	-0.00367	0.012675	-0.08315	0.084192
31.5988	-0.00916	0.005345	-0.08865	0.089282
31.60116	-0.011	-0.00015	-0.08987	0.090541
31.60352	-0.01344	-0.00015	-0.08865	0.089662
31.60589	-0.01283	0.002291	-0.08987	0.090811
31.60825	-0.01283	0.010232	-0.09109	0.092559
31.61061	-0.01527	0.013286	-0.09048	0.092718
31.61297	-0.01466	0.010232	-0.09048	0.092231
31.61534	-0.01161	0.006567	-0.08804	0.089043
31.6177	-0.0055	0.002902	-0.08315	0.083384
31.62006	-0.00428	-0.00015	-0.08315	0.083262
31.62243	0.000611	0.000458	-0.08437	0.084377
31.62479	0.001833	0.006567	-0.08193	0.082213
31.62715	0.003665	0.009621	-0.08193	0.082574
31.62951	0.006108	0.002291	-0.07704	0.077319
31.63188	0.007941	-0.00382	-0.07582	0.076332
31.63424	0.006719	-0.00199	-0.07093	0.07128
31.6366	0.004276	0.006567	-0.06849	0.068938
31.63897	0.000611	0.008399	-0.0636	0.06416
31.64133	-0.00061	0.002291	-0.05994	0.059986
31.64369	0.001222	-0.00443	-0.05933	0.059506
31.64605	0.001833	-0.00199	-0.05505	0.055119
31.64842	0.003665	0.005956	-0.04772	0.048232
31.65078	0.006719	0.005345	-0.04833	0.04909
31.65314	0.010384	-0.00199	-0.0465	0.047687
31.65551	0.011606	-0.00321	-0.04222	0.043908
31.65787	0.013439	0.001069	-0.03917	0.041426
31.66023	0.014049	-0.00015	-0.03673	0.039323
31.66259	0.017104	-0.00321	-0.03489	0.038993
31.66496	0.017715	-0.00199	-0.03367	0.0381
31.66732	0.015271	-0.00504	-0.03245	0.036217
31.66968	0.015882	-0.00382	-0.03367	0.037426
31.67205	0.014049	-0.00321	-0.03123	0.034394
31.67441	0.012217	-0.00504	-0.02879	0.031675
31.67677	0.011606	-0.00809	-0.02818	0.031529
31.67913	0.012828	-0.00565	-0.02695	0.030381
31.6815	0.011606	-0.00382	-0.02268	0.02576
31.68386	0.00733	-0.00199	-0.02207	0.023337
31.68622	0.006108	-0.00382	-0.02268	0.023794
31.68859	0.004276	-0.00748	-0.02268	0.02426
31.69095	0.004276	-0.00504	-0.02146	0.022451
31.69331	0.004276	-0.00443	-0.01718	0.01825
31.69567	0.004276	-0.00137	-0.01962	0.020131
31.69804	0.002443	-0.00321	-0.02023	0.020632
31.7004	0.001222	-0.00382	-0.01901	0.019431
31.70276	0.001222	-0.00382	-0.01962	0.020029
31.70512	-0.00305	0.000458	-0.02207	0.022282
31.70749	-0.00611	0.001069	-0.02268	0.02351
31.70985	-0.011	0.000458	-0.01901	0.021968
31.71221	-0.01466	-0.00076	-0.01901	0.024021

31.71458	-0.01466	0.000458	-0.01962	0.024499
31.71694	-0.0171	0.000458	-0.01901	0.025578
31.7193	-0.01649	0.002902	-0.01779	0.024433
31.72166	-0.01771	0.004123	-0.01779	0.025443
31.72403	-0.0171	0.005345	-0.01901	0.026126
31.72639	-0.0171	0.002291	-0.01535	0.023094
31.72875	-0.01771	0.000458	-0.01351	0.022286
31.73112	-0.01527	0.00168	-0.01229	0.019676
31.73348	-0.01283	0.001069	-0.01168	0.017383
31.73584	-0.011	0.00168	-0.01046	0.015269
31.7382	-0.00977	0.001069	-0.00924	0.013492
31.74057	-0.00672	-0.00076	-0.00741	0.010029
31.74293	-0.01283	-0.00687	-0.0068	0.016061
31.74529	-0.00916	-0.00015	-0.0068	0.011409
31.74766	-0.011	0.002291	-0.00557	0.012538
31.75002	-0.01283	-0.00076	-0.00252	0.013095
31.75238	-0.01344	-0.00382	-7.6E-05	0.013971
31.75474	-0.01588	-0.00076	-7.6E-05	0.015901
31.75711	-0.01649	-0.00015	0.001145	0.016533
31.75947	-0.01955	0.001069	0.000534	0.019584
31.76183	-0.02016	0.000458	0.000534	0.02017
31.7642	-0.02321	-0.00137	-7.6E-05	0.023253
31.76656	-0.02382	-0.00137	0.002367	0.02398
31.76892	-0.02382	-0.00137	0.001756	0.023927
31.77128	-0.0226	-0.00015	-7.6E-05	0.022602
31.77365	-0.02382	-0.00137	0.001756	0.023927
31.77601	-0.02199	-0.00199	0.000534	0.022086
31.77837	-0.02199	-0.00321	0.001145	0.022253
31.78074	-0.02077	-0.00382	0.001145	0.021148
31.7831	-0.01894	-0.00382	0.001145	0.019351
31.78546	-0.0171	-0.00443	0.001756	0.017755
31.78782	-0.0171	-0.00382	0.002367	0.017684
31.79019	-0.0171	-0.00137	0.001145	0.017197
31.79255	-0.01894	-0.00015	0.002978	0.01917
31.79491	-0.02077	-0.00015	0.002367	0.020904
31.79728	-0.02077	-0.00137	-7.6E-05	0.020814
31.79964	-0.0226	-0.00015	0.001145	0.022631
31.802	-0.02443	-0.00076	0.001756	0.024509
31.80436	-0.02321	-0.00382	0.002367	0.023643
31.80673	-0.02138	-0.00321	-7.6E-05	0.021619
31.80909	-0.01771	-0.00015	-7.6E-05	0.017715
31.81145	-0.01283	-0.00137	0.001145	0.012952
31.81381	-0.00794	-0.00809	0.002367	0.011583
31.81618	-0.00367	-0.01176	0.001756	0.012441
31.81854	-0.00061	-0.01054	-0.00069	0.010577
31.8209	0	-0.00748	0.000534	0.007502
31.82327	-0.00305	-0.00443	-0.00069	0.005423
31.82563	-0.0055	-0.00748	0.001145	0.009356
31.82799	-0.00855	-0.00443	-7.6E-05	0.009631
31.83035	-0.01344	-0.00504	-0.00069	0.014369
31.83272	-0.01771	-0.00443	0.000534	0.018268
31.83508	-0.01833	-0.00321	0.001756	0.018687

31.83744	-0.01771	-0.00137	-7.6E-05	0.017768
31.83981	-0.01649	-0.00321	0.001145	0.016841
31.84217	-0.01405	-0.0026	0.000534	0.014297
31.84453	-0.01161	-0.00504	0.001145	0.012705
31.84689	-0.00977	-0.00382	-0.0013	0.010573
31.84926	-0.00977	-0.00504	-0.00252	0.011281
31.85162	-0.00733	-0.00565	-0.00191	0.00945
31.85398	-0.00672	-0.00443	-0.00313	0.008635
31.85635	-0.00794	-0.00321	-0.00191	0.008774
31.85871	-0.0055	-0.00443	-0.00313	0.007723
31.86107	-0.00672	-0.00626	-0.00191	0.009381
31.86343	-0.00733	-0.00687	-0.00435	0.01095
31.8658	-0.00855	-0.00626	-0.00557	0.011975
31.86816	-0.00916	-0.00382	-0.00557	0.011384
31.87052	-0.00977	-0.00076	-0.00741	0.012287
31.87289	-0.00672	-0.00321	-0.00618	0.009679
31.87525	-0.00489	-0.00382	-0.00741	0.00966
31.87761	-0.00244	-0.00076	-0.00863	0.009
31.87997	-0.00367	-0.00199	-0.00863	0.009582
31.88234	0	-0.00076	-0.00863	0.008662
31.8847	-0.00061	-0.00076	-0.01046	0.010506
31.88706	-0.00122	0.001069	-0.01046	0.010586
31.88943	0	0.00168	-0.01046	0.010595
31.89179	-0.00122	0.00168	-0.01168	0.011866
31.89415	0	0.002902	-0.01413	0.014421
31.89651	0.001222	0.003512	-0.01596	0.016386
31.89888	0.001222	0.003512	-0.01657	0.016981
31.90124	0.003054	0.002291	-0.01718	0.017599
31.9036	0.004887	0.001069	-0.02023	0.020843
31.90597	0.003665	0.00168	-0.02268	0.023033
31.90833	0.003665	0.00168	-0.02268	0.023033
31.91069	0.003054	0.000458	-0.02634	0.026523
31.91305	0.001222	0.003512	-0.0239	0.024187
31.91542	-0.00305	0.002291	-0.0239	0.024202
31.91778	-0.0055	0.001069	-0.02146	0.022175
31.92014	-0.00794	0.002902	-0.02085	0.022494
31.9225	-0.011	0.003512	-0.01901	0.022242
31.92487	-0.01466	0.004123	-0.01657	0.022505
31.92723	-0.01527	0.005345	-0.01535	0.022301
31.92959	-0.01771	0.004123	-0.0129	0.022301
31.93196	-0.01649	0.00168	-0.01046	0.019603
31.93432	-0.01466	0.001069	-0.0068	0.016194
31.93668	-0.01466	0.00168	-0.0068	0.016246
31.93904	-0.01038	0.001069	-0.0068	0.012456
31.94141	-0.00794	-0.00137	-0.00496	0.009465
31.94377	-0.00489	-0.00137	-0.00496	0.007099
31.94613	-0.00305	-0.0026	-0.00496	0.00638
31.9485	-0.00183	-0.00382	-0.00557	0.007
31.95086	-0.00183	-0.0026	-0.00435	0.005389
31.95322	0.000611	-0.0026	-0.00496	0.005634
31.95558	0.000611	-0.00321	-0.00374	0.004965
31.95795	0.000611	-0.00137	-0.00435	0.004605

31.96031	0.000611	-0.00076	-0.00618	0.006262
31.96267	0.000611	-0.00076	-0.0068	0.006866
31.96504	0	0.000458	-0.00863	0.00864
31.9674	0.001833	0.003512	-0.01229	0.012916
31.96976	0.001833	0.003512	-0.01168	0.012336
31.97212	0.001222	0.00168	-0.01413	0.014278
31.97449	0	0.00168	-0.01535	0.015439
31.97685	-0.00061	0.004734	-0.01657	0.017243
31.97921	0.000611	0.004123	-0.01657	0.017085
31.98158	0.001222	0.002291	-0.01413	0.014362
31.98394	0.001222	0.002291	-0.0129	0.013163
31.9863	0.001833	0.002291	-0.01107	0.011454
31.98866	0.003054	0.00168	-0.00924	0.009875
31.99103	0.003665	0.00168	-0.00496	0.006394
31.99339	0.006108	0.002902	-0.00252	0.007217
31.99575	0.004887	-0.0026	0.000534	0.005559
31.99812	0.001833	-0.00504	-0.00069	0.005406
32.00048	0.000611	-0.00015	0.001756	0.001866
32.00284	-0.00244	-0.00443	0.001756	0.005354
32.0052	-0.00183	-0.0026	0.000534	0.003222
32.00757	-0.00672	-0.00443	-7.6E-05	0.008048
32.00993	-0.00977	-0.00382	-0.00069	0.010515
32.01229	-0.00977	-0.00199	-0.00496	0.01114
32.01466	-0.00855	-0.00748	-0.0068	0.01324
32.01702	-0.01222	-0.00993	-0.00374	0.01618
32.01938	-0.01588	-0.00443	-7.6E-05	0.016488
32.02174	-0.0171	0.004734	0.001145	0.017784
32.02411	-0.01466	0.004123	0.001145	0.015272
32.02647	-0.01344	-0.00565	0.001145	0.014623
32.02883	-0.01405	-0.00687	0.001145	0.015682
32.0312	-0.01405	-0.0026	0.001756	0.014395
32.03356	-0.01161	-0.00137	0.002978	0.012061
32.03592	-0.00794	-0.00382	-0.00069	0.008838
32.03828	-0.00489	-0.00321	0.001756	0.006103
32.04065	-0.00122	-0.00015	-7.6E-05	0.001234
32.04301	0	0.001069	-0.00069	0.001271
32.04537	0.002443	0.002291	-7.6E-05	0.00335
32.04773	0.003054	-0.00015	0.001145	0.003265
32.0501	0.004887	-0.0026	0.000534	0.005559
32.05246	0.005498	-0.0026	0.001756	0.006328
32.05482	0.003665	0.003512	-0.00191	0.005423
32.05719	0.002443	0.004734	0.000534	0.005354
32.05955	0.001222	0.002902	-0.00069	0.003222
32.06191	0.000611	0.00168	0.001145	0.002123
32.06427	-0.00061	0.002902	0.000534	0.003013
32.06664	-0.00244	0.003512	0.002367	0.00489
32.069	-0.00244	0.005956	-7.6E-05	0.006438
32.07136	-0.00122	0.004123	-7.6E-05	0.004301
32.07373	0.001222	0.002291	0.001756	0.003134
32.07609	0.001833	0.003512	0.002367	0.004615
32.07845	0.001833	0.002902	0.000534	0.003473
32.08081	0.001833	0.001069	0.000534	0.002188

32.08318	0.000611	0.001069	0.001145	0.001682
32.08554	0.001222	0.001069	0.000534	0.001709
32.0879	0.009774	0.006567	-7.6E-05	0.011775
32.09027	0.003665	0.00168	0.001145	0.004191
32.09263	0.003665	0.000458	0.001756	0.00409
32.09499	0.004276	0.004734	0.000534	0.006402
32.09735	0.003665	0.003512	0.003589	0.006217
32.09972	0.002443	0.002902	0.001756	0.00418
32.10208	0.001222	0.003512	0.001145	0.003891
32.10444	0.001833	0.003512	0.000534	0.003998
32.10681	0.000611	0.004123	0.003589	0.0055
32.10917	-0.00061	0.005345	0.0042	0.006825
32.11153	-0.00061	0.008399	0.002978	0.008932
32.11389	0.000611	0.007788	0.002367	0.008163
32.11626	0.004887	0.004734	0.005421	0.0087
32.11862	0.004887	0.003512	0.009697	0.011413
32.12098	0.00733	0.005956	0.014584	0.017375
32.12335	0.010995	0.004123	0.021303	0.024325
32.12571	0.012828	0.005345	0.027412	0.030733
32.12807	0.011606	0.003512	0.03352	0.035646
32.13043	0.009774	0.003512	0.039018	0.040376
32.1328	0.008552	0.002291	0.042072	0.042994
32.13516	0.004276	0.004123	0.043905	0.044305
32.13752	0.001833	0.002902	0.043294	0.04343
32.13989	-0.00122	0.001069	0.04085	0.040883
32.14225	-0.00428	0.002902	0.037185	0.037543
32.14461	-0.00183	0.005956	0.032299	0.032894
32.14697	0.001222	0.007177	0.026801	0.027772
32.14934	0.004276	0.007788	0.021303	0.023082
32.1517	0.009774	0.00901	0.017027	0.021602
32.15406	0.010995	0.00901	0.012141	0.018694
32.15642	0.009774	0.005345	0.006643	0.01297
32.15879	0.007941	0.004123	0.002978	0.00943
32.16115	0.005498	0.004123	-0.00069	0.006906
32.16351	0.004887	0.004123	-0.00191	0.006673
32.16588	0.001222	0.002291	-0.00435	0.005068
32.16824	0	0.002291	-0.00741	0.007753
32.1706	-0.00183	0.002902	-0.01107	0.011591
32.17296	0.000611	0.003512	-0.01168	0.012214
32.17533	0.001222	0.00168	-0.01535	0.015487
32.17769	0.001833	0.002291	-0.02146	0.021656
32.18005	0.004887	0.002902	-0.0239	0.024566
32.18242	0.004887	0.004734	-0.02634	0.027207
32.18478	0.002443	0.002291	-0.0294	0.029587
32.18714	0	0.002291	-0.03062	0.030704
32.1895	-0.00428	0.004123	-0.03367	0.034193
32.19187	-0.00428	0.004123	-0.03428	0.034795
32.19423	-0.00489	0.003512	-0.03489	0.03541
32.19659	-0.00672	0.003512	-0.03673	0.037502
32.19896	-0.00428	0.003512	-0.03428	0.034728
32.20132	-0.00183	0.002291	-0.03367	0.0338
32.20368	-0.00061	0.00168	-0.03551	0.03555

32.20604	0	0.000458	-0.03612	0.036119
32.20841	-0.00061	0.002902	-0.03489	0.03502
32.21077	-0.00183	0.003512	-0.03489	0.035119
32.21313	-0.00183	0.002291	-0.03489	0.035018
32.2155	-0.00305	0.00168	-0.03489	0.035068
32.21786	-0.00122	0.002902	-0.03612	0.036253
32.22022	-0.00061	0.003512	-0.03551	0.035684
32.22258	-0.00061	0.004123	-0.03612	0.036356
32.22495	0.001833	0.005345	-0.03551	0.035952
32.22731	-0.00061	0.004123	-0.03489	0.035143
32.22967	-0.00122	0.002291	-0.03306	0.033164
32.23204	-0.00061	0.004123	-0.03184	0.032112
32.2344	0	0.003512	-0.03306	0.033248
32.23676	0.000611	0.004123	-0.03062	0.030901
32.23912	0.003054	0.002902	-0.03062	0.030907
32.24149	0.003665	0.004734	-0.03306	0.0336
32.24385	0.001222	0.006567	-0.03306	0.03373
32.24621	0.001222	0.002902	-0.03184	0.031996
32.24858	0.002443	0.002291	-0.03245	0.032624
32.25094	0.001833	0.002902	-0.03184	0.032025
32.2533	0.002443	0.002291	-0.03123	0.031409
32.25566	0.004887	-0.00015	-0.02818	0.028596
32.25803	0.005498	-0.00076	-0.02879	0.029316
32.26039	0.005498	-0.00076	-0.02634	0.026921
32.26275	0.004276	-0.00076	-0.02451	0.024892
32.26511	0.003054	0.001069	-0.02146	0.021699
32.26748	0.002443	0.000458	-0.0184	0.018569
32.26984	0	-0.00076	-0.0184	0.018418
32.2722	0	0.002291	-0.0184	0.018544
32.27457	-0.00367	0.000458	-0.01718	0.017573
32.27693	-0.00428	0.002902	-0.01474	0.015616
32.27929	-0.00489	0.005956	-0.01535	0.017173
32.28165	-0.00367	0.004734	-0.01535	0.016474
32.28402	-0.00122	-0.00076	-0.01474	0.014807
32.28638	0.000611	0.004123	-0.01718	0.017678
32.28874	0.003665	0.007177	-0.01901	0.02065
32.29111	0.003665	-0.00199	-0.01657	0.017085
32.29347	0.003665	0.00168	-0.01779	0.018242
32.29583	0.002443	0.00901	-0.01718	0.019553
32.29819	0.004276	0.006567	-0.0184	0.020001
32.30056	0.003054	-0.00382	-0.02207	0.022602
32.30292	0	-0.00137	-0.02085	0.02089
32.30528	0	0.008399	-0.02146	0.023041
32.30765	0.001222	0.009621	-0.0239	0.025792
32.31001	0.003665	0.000458	-0.02329	0.02358
32.31237	0.002443	-0.0026	-0.02573	0.025978
32.31473	0.001833	0.002291	-0.0239	0.024079
32.3171	-0.00305	0.007177	-0.02634	0.027473
32.31946	-0.00367	0.00901	-0.0294	0.030964
32.32182	-0.00367	0.004123	-0.03001	0.030511
32.32419	-0.00305	0.001069	-0.03062	0.030789
32.32655	-0.00611	0.004734	-0.03428	0.035144

32.32891	-0.00794	0.005956	-0.03551	0.036867
32.33127	-0.00367	0.008399	-0.03917	0.040228
32.33364	-0.00367	0.005956	-0.03978	0.040391
32.336	-0.00428	0.004734	-0.04406	0.044517
32.33836	-0.00122	0.002291	-0.0465	0.046573
32.34073	-0.00061	0.004123	-0.04711	0.047296
32.34309	-0.00244	0.006567	-0.04711	0.04763
32.34545	-0.00244	0.007788	-0.04894	0.04962
32.34781	0.000611	0.003512	-0.05078	0.050902
32.35018	0.002443	-0.00076	-0.052	0.052061
32.35254	0.006108	0.002902	-0.05322	0.053648
32.3549	0.007941	0.002902	-0.052	0.052681
32.35727	0.007941	0.001069	-0.05444	0.055028
32.35963	0.00733	0.00168	-0.05322	0.053749
32.36199	0.005498	0.004123	-0.05505	0.05548
32.36435	0.003665	0.002902	-0.05627	0.056468
32.36672	0.001833	0.002291	-0.05994	0.060011
32.36908	-0.00061	0.002902	-0.06116	0.061233
32.37144	-0.00428	0.005345	-0.06116	0.061543
32.3738	-0.00611	0.007177	-0.05811	0.058866
32.37617	-0.00733	0.005956	-0.05994	0.060679
32.37853	-0.00672	0.002902	-0.05933	0.059778
32.38089	-0.00428	0.003512	-0.06238	0.062628
32.38326	-0.00244	0.003512	-0.06483	0.064967
32.38562	0.001222	0.004734	-0.06849	0.068666
32.38798	0	0.005956	-0.07216	0.072402
32.39034	-0.00367	0.005345	-0.0746	0.074881
32.39271	-0.00428	0.004123	-0.07704	0.077272
32.39507	-0.00672	0.003512	-0.08132	0.081672
32.39743	-0.0055	0.006567	-0.08376	0.084199
32.3998	-0.00611	0.00901	-0.08682	0.087496
32.40216	-0.00489	0.005345	-0.08621	0.086509
32.40452	-0.00672	0.003512	-0.0917	0.092016
32.40688	-0.00733	0.007177	-0.0917	0.092276
32.40925	-0.00733	0.007788	-0.09476	0.095359
32.41161	-0.00611	0.003512	-0.09659	0.096847
32.41397	-0.00733	0.002902	-0.09903	0.099347
32.41634	-0.0055	0.004123	-0.10209	0.102319
32.4187	-0.0055	0.004734	-0.10209	0.102345
32.42106	-0.00611	0.00168	-0.10514	0.105333
32.42342	-0.0055	0.002291	-0.10697	0.10714
32.42579	-0.00672	0.002902	-0.1082	0.108444
32.42815	-0.00733	0.005956	-0.11186	0.112259
32.43051	-0.00672	0.005956	-0.11186	0.112221
32.43288	-0.00367	0.008399	-0.11492	0.11528
32.43524	-0.00733	0.005345	-0.11492	0.115273
32.4376	-0.00855	0.003512	-0.11614	0.116505
32.43996	-0.00916	0.002902	-0.11919	0.119578
32.44233	-0.00733	0.002902	-0.12286	0.123109
32.44469	-0.0055	0.004734	-0.12286	0.123071
32.44705	-0.00244	0.005956	-0.12163	0.121805
32.44942	-0.00305	0.004734	-0.12163	0.121765

32.45178	-0.0055	0.004734	-0.12286	0.123071
32.45414	-0.0055	0.003512	-0.12163	0.12181
32.4565	-0.00489	0.003512	-0.11858	0.118733
32.45887	-0.00367	0.006567	-0.11614	0.116381
32.46123	-0.00428	0.006567	-0.11614	0.116401
32.46359	-0.00122	0.005956	-0.11492	0.115076
32.46596	-0.00183	0.007788	-0.11003	0.110319
32.46832	-0.00122	0.009621	-0.10697	0.107413
32.47068	-0.00061	0.006567	-0.10148	0.101691
32.47304	-0.00244	0.006567	-0.09842	0.098672
32.47541	-0.00122	0.00901	-0.09293	0.093369
32.47777	0.001222	0.010843	-0.09109	0.091744
32.48013	0.003054	0.010232	-0.08621	0.086865
32.4825	0.002443	0.00901	-0.08682	0.087317
32.48486	0.003665	0.010843	-0.08498	0.085751
32.48722	0.003054	0.010843	-0.08376	0.084516
32.48958	0.004887	0.00901	-0.08193	0.082569
32.49195	0.004887	0.010843	-0.08071	0.08158
32.49431	0.005498	0.010232	-0.08071	0.08154
32.49667	0.004276	0.006567	-0.08071	0.081088
32.49903	0.002443	0.007788	-0.08071	0.08112
32.5014	0.002443	0.008399	-0.0801	0.080574
32.50376	0	0.00901	-0.07399	0.074535
32.50612	-0.00183	0.007788	-0.06788	0.06835
32.50849	-0.00367	0.006567	-0.06605	0.066475
32.51085	-0.0055	0.007788	-0.06299	0.063711
32.51321	-0.00367	0.00901	-0.0575	0.058313
32.51557	-0.00305	0.005956	-0.05322	0.053639
32.51794	-0.00061	0.006567	-0.04711	0.047571
32.5203	0.001833	0.005956	-0.04161	0.042078
32.52266	0.004276	0.005345	-0.03551	0.036159
32.52503	0.003665	0.006567	-0.03001	0.030936
32.52739	0.002443	0.007177	-0.0294	0.030359
32.52975	0.002443	0.007788	-0.02818	0.029334
32.53211	0.002443	0.004123	-0.02818	0.02858
32.53448	0.002443	-0.00137	-0.02695	0.027099
32.53684	0	0.003512	-0.02329	0.023552
32.5392	0.000611	0.009621	-0.01718	0.0197
32.54157	0	0.00901	-0.01107	0.014274
32.54393	-0.00122	0.004734	-0.00741	0.008875
32.54629	-0.00061	-0.00015	-0.00252	0.002597
32.54865	-0.00061	-0.00015	-0.00252	0.002597
32.55102	-0.00183	0.004734	-0.00252	0.005667
32.55338	-0.00244	0.010232	-0.00313	0.010975
32.55574	-0.00428	0.008399	0.001756	0.009587
32.55811	-0.00611	0.002902	0.002367	0.007165
32.56047	-0.00733	0.001069	-7.6E-05	0.007408
32.56283	-0.00611	0.00168	0.000534	0.006358
32.56519	-0.0055	0.004123	-0.00069	0.006906
32.56756	-0.0055	0.005345	-7.6E-05	0.007668
32.56992	-0.00855	0.005345	0.002367	0.010359
32.57228	-0.00794	0.004734	0.0042	0.010154

32.57465	-0.00855	0.005956	0.009697	0.014235
32.57701	-0.00977	0.003512	0.015195	0.018405
32.57937	-0.0055	-0.00565	0.017638	0.01932
32.58173	0.002443	-0.01237	0.015195	0.019745
32.5841	0.009163	-0.01054	0.013362	0.019327
32.58646	0.011606	-0.00932	0.009086	0.017437
32.58882	0.010384	-0.00015	0.007254	0.012668
32.59119	0.003054	0.00901	0.006643	0.011603
32.59355	-0.00367	0.012675	0.006032	0.014508
32.59591	-0.00733	0.010232	0.005421	0.013704
32.59827	-0.01038	0.007177	0.002978	0.01297
32.60064	-0.00977	0.007177	-0.00191	0.012275
32.603	-0.00855	0.009621	-0.00557	0.014027
32.60536	-0.00916	0.009621	-0.00741	0.015211
32.60772	-0.00672	0.010843	-0.01107	0.016891
32.61009	-0.00733	0.005345	-0.0129	0.015774
32.61245	-0.00611	0.005345	-0.01535	0.017362
32.61481	-0.00855	0.007177	-0.01596	0.019476
32.61718	-0.01038	0.008399	-0.01657	0.021282
32.61954	-0.01344	0.004123	-0.01413	0.019928
32.6219	-0.01588	0.002902	-0.01657	0.023134
32.62426	-0.01649	0.002291	-0.0129	0.021066
32.62663	-0.01527	0.007788	-0.01168	0.020745
32.62899	-0.01466	0.008399	-0.01657	0.023665
32.63135	-0.00977	0.004123	-0.02146	0.023935
32.63372	-0.00489	-0.0026	-0.0239	0.024532
32.63608	0.002443	-0.00687	-0.02573	0.026746
32.63844	0.00733	-0.00443	-0.02756	0.028864
32.6408	0.011606	-0.0026	-0.03245	0.034562
32.64317	0.01466	-0.00565	-0.03612	0.039386
32.64553	0.015271	-0.00993	-0.04161	0.045425
32.64789	0.018936	-0.01359	-0.04406	0.049843
32.65026	0.020769	-0.01603	-0.04833	0.054996
32.65262	0.019547	-0.01787	-0.05139	0.05781
32.65498	0.021991	-0.01481	-0.05261	0.058913
32.65734	0.02138	-0.01115	-0.052	0.057317
32.65971	0.021991	-0.00748	-0.05627	0.06088
32.66207	0.021991	-0.00748	-0.05689	0.061445
32.66443	0.024434	-0.01542	-0.052	0.059487
32.66668	0.02871	-0.02031	-0.04406	0.056372
32.66916	0.035429	-0.02275	-0.04284	0.060066
32.67152	0.041538	-0.0197	-0.03917	0.060397
32.67388	0.04337	-0.01603	-0.03184	0.056142
32.67625	0.04337	-0.00993	-0.03001	0.053665
32.67861	0.040927	0.00168	-0.02818	0.049716
32.68097	0.031764	0.007788	-0.0239	0.040507
32.68334	0.020769	0.004734	-0.02207	0.030671
32.6857	0.008552	0.002902	-0.02879	0.030169
32.68806	-0.00122	-0.00199	-0.03001	0.030098
32.69042	-0.00977	0.000458	-0.03306	0.034479
32.69279	-0.01527	0.006567	-0.03001	0.034305
32.69515	-0.01833	0.012064	-0.03062	0.037668

32.69751	-0.01833	0.007177	-0.02879	0.034871
32.69988	-0.01527	0.00168	-0.03001	0.033712
32.70224	-0.011	-0.00076	-0.02573	0.027993
32.7046	-0.00611	0.002291	-0.02573	0.026546
32.70696	-0.00428	0.004123	-0.02329	0.024034
32.70933	-0.00489	0.00168	-0.02207	0.022664
32.71169	-0.00367	0.00168	-0.02023	0.020632
32.71405	-0.0055	0.003512	-0.01779	0.018949
32.71641	-0.00794	0.007788	-0.01474	0.018463
32.71878	-0.01038	0.006567	-0.01107	0.016539
32.72114	-0.01344	0.005956	-0.01046	0.018041
32.7235	-0.01222	0.005345	-0.01046	0.016948
32.72587	-0.01161	0.005345	-0.00802	0.015085
32.72823	-0.01161	0.004734	-0.00924	0.015572
32.73059	-0.00855	0.004734	-0.00863	0.013038
32.73295	-0.00672	0.005956	-0.00802	0.012037
32.73532	-0.00733	0.005345	-0.00741	0.011711
32.73768	-0.00489	0.004123	-0.00924	0.011236
32.74004	-0.00367	0.002902	-0.01046	0.011458
32.74241	-0.00367	0.00168	-0.01168	0.012359
32.74477	-0.00305	0.00168	-0.01229	0.012778
32.74713	-0.00367	0.003512	-0.00863	0.010011
32.74949	-0.00672	0.00168	-0.00863	0.011064
32.75186	-0.00672	-0.00076	-0.01107	0.012974
32.75422	-0.00672	-0.00443	-0.01107	0.013687
32.75658	-0.0055	-0.00199	-0.01229	0.013612
32.75895	-0.0055	-0.00137	-0.0129	0.014094
32.76131	-0.00305	-0.00076	-0.0129	0.013283
32.76367	-0.00183	-0.0026	-0.01351	0.013884
32.76603	-0.00244	-0.00443	-0.01474	0.015581
32.7684	0.000611	-0.00199	-0.01718	0.017305
32.77076	0.001222	-0.00076	-0.02268	0.022723
32.77312	0.000611	0.002291	-0.02207	0.022194
32.77549	0.004887	0.000458	-0.02085	0.021415
32.77785	0.009163	0.004123	-0.0184	0.020966
32.78021	0.00733	0.000458	-0.0184	0.019813
32.78257	0.007941	-0.00076	-0.01779	0.019498
32.78494	0.006719	0.001069	-0.01962	0.02077
32.7873	0.006108	0.003512	-0.02023	0.021426
32.78966	0.006719	0.004123	-0.02023	0.021716
32.79203	0.010384	-0.0026	-0.02146	0.023978
32.79439	0.011606	-0.00076	-0.02268	0.025487
32.79675	0.010384	0.002291	-0.0239	0.026158
32.79911	0.005498	0.002291	-0.02329	0.024038
32.80148	0.002443	0.000458	-0.02512	0.025244
32.80384	-0.00122	-0.00015	-0.02329	0.023321
32.8062	-0.0055	0.002291	-0.02329	0.024038
32.80857	-0.00611	0.00168	-0.02085	0.021787
32.81093	-0.0055	0.00168	-0.02085	0.021623
32.81329	-0.00672	0.000458	-0.02023	0.021326
32.81565	-0.00489	0.001069	-0.01901	0.01966
32.81802	-0.00367	0.002291	-0.02023	0.020691

32.82038	-0.00367	0.001069	-0.01962	0.019991
32.82274	-0.00244	0.000458	-0.0184	0.018569
32.82511	-0.00244	-0.00199	-0.01779	0.018067
32.82747	-0.00244	-0.00137	-0.01596	0.016203
32.82983	-0.00183	-0.00076	-0.01779	0.017901
32.83219	-0.00122	-0.00076	-0.01657	0.016632
32.83456	-0.00061	-0.00321	-0.01107	0.011543
32.83692	-0.00183	0.000458	-0.00802	0.008237
32.83928	-0.00244	0.001069	-0.00802	0.008449
32.84164	-0.00367	0.001069	-0.00557	0.006756
32.84401	-0.00367	0.000458	-0.00374	0.005257
32.84637	-0.00367	0.000458	-0.0013	0.003915
32.84873	-0.00489	0.001069	0.000534	0.005031
32.8511	-0.00244	0.00168	0.001145	0.003179
32.85346	-0.00183	-0.00076	0.003589	0.004101
32.85582	-0.00061	-0.00076	0.006643	0.006715
32.85818	-0.00244	0.002902	0.005421	0.006617
32.86055	-0.00061	0.003512	0.006643	0.007539
32.86291	-0.00183	0.001069	0.006643	0.006974
32.86527	-0.00428	-0.00015	0.007865	0.008953
32.86764	-0.00244	0.001069	0.010308	0.010647
32.87	-0.00061	0.003512	0.012751	0.01324
32.87236	0.001222	0.004123	0.013973	0.01462
32.87472	0.001222	0.00168	0.013973	0.014127
32.87709	0.001222	0.000458	0.015806	0.015859
32.87945	0.001222	0.002902	0.013973	0.014323
32.88181	0.001833	0.004734	0.012751	0.013725
32.88418	-0.00183	0.00168	0.010919	0.011198
32.88654	-0.00183	0.001069	0.009086	0.009331
32.8889	-0.00305	0.004123	0.01153	0.01262
32.89126	-0.0055	0.003512	0.012141	0.013782
32.89363	-0.0055	0.001069	0.002367	0.00608
32.89599	-0.00244	0.002902	-0.01046	0.011127
32.89835	0.000611	0.00901	-0.00985	0.013363
32.90072	0.001833	0.005345	-0.00252	0.006187
32.90308	0.004887	-0.00076	0.0042	0.006488
32.90544	0.005498	-0.00076	0.0042	0.00696
32.9078	0.004276	0.003512	-0.00313	0.006358
32.91017	0.004276	0.00901	-0.00435	0.010881
32.91253	0.003665	0.005345	-0.00191	0.006756
32.91489	0.002443	-0.00199	0.002978	0.004333
32.91726	0.001833	0.00168	0.006032	0.006524
32.91962	-0.00061	0.005345	0.007865	0.009529
32.92198	0.000611	0.005345	0.006032	0.008083
32.92434	0	0.002291	0.00481	0.005328
32.92671	0.002443	0.004123	0.001145	0.004928
32.92907	0.004887	0.005345	0.001756	0.007452
32.93143	0.006719	0.00168	-7.6E-05	0.006927
32.9338	0.006108	0.000458	-7.6E-05	0.006126
32.93616	0.003054	0.002291	-0.0013	0.004032
32.93852	0.000611	0.005345	-0.00618	0.008197
32.94088	-0.00061	0.008399	-0.00618	0.010448

32.94325	0.002443	0.009621	-0.0068	0.01203
32.94561	0.001222	0.002902	-0.01046	0.010924
32.94797	0.001222	-0.00015	-0.00924	0.009321
32.95033	0.000611	-0.00076	-0.01046	0.010506
32.9527	-0.00367	0.00168	-0.01046	0.011211
32.95506	-0.00305	0.004123	-0.0129	0.013887
32.95742	-0.00061	0.005956	-0.01413	0.015342
32.95979	-0.00305	0.00168	-0.01168	0.012191
32.96215	-0.00061	0.002291	-0.0129	0.01312
32.96451	0.001222	0.005345	-0.00863	0.010223
32.96687	0.000611	0.005956	-0.0068	0.009057
32.96924	0.001833	0.001069	-0.00802	0.008293
32.9716	0.001222	0.002291	-0.00741	0.007848
32.97396	0.001833	0.002902	-0.00618	0.007073
32.97633	0.003665	0.004123	-0.0068	0.008753
32.97869	0.003054	0.004123	-0.00496	0.007139
32.98105	0.001833	0.004123	-0.0068	0.008157
32.98341	0.001222	0.004123	-0.00557	0.00704
32.98578	-0.00122	0.004123	-0.00252	0.004984
32.98814	-0.00183	0.003512	-0.00313	0.005049
32.9905	-0.00305	0.005345	-0.00313	0.006906
32.99287	-0.00183	0.004734	-0.00374	0.006306
32.99523	-0.00122	0.002902	-0.0013	0.003405
32.99759	-0.00122	-0.00015	-0.00252	0.002804
32.99995	-0.00244	-0.00015	-0.0013	0.002771
33.00232	-0.00122	0.00168	-7.6E-05	0.002079
33.00468	-0.00061	0.004123	-7.6E-05	0.004169
33.00704	-0.00061	0.004734	-7.6E-05	0.004774
33.00941	0.001222	0.001069	0.002978	0.003392
33.01177	0	0.001069	0.001756	0.002056
33.01413	-0.00061	0.002902	0.003589	0.004655
33.01649	-0.00244	0.002902	0.006032	0.007126
33.01886	-0.00244	0.002291	0.007254	0.00799
33.02122	-0.00244	-0.00076	0.009086	0.00944
33.02358	-0.00244	0.002902	0.009086	0.009846
33.02595	-0.00122	0.005345	0.010308	0.011675
33.02831	-0.00061	0.001069	0.013362	0.013419
33.03067	-0.00061	-0.00137	0.015806	0.015877
33.03303	-0.00244	0.000458	0.018249	0.018418
33.0354	-0.00244	0.003512	0.016417	0.016965
33.03776	-0.00061	0.005345	0.016417	0.017276
33.04012	0.000611	0.002902	0.017027	0.017284
33.04249	-0.00122	-0.00382	0.018249	0.018684
33.04485	-0.00611	-0.00443	0.01886	0.020313
33.04721	-0.00794	0.00168	0.017027	0.018863
33.04957	-0.00367	0.007788	0.017638	0.019626
33.05194	-0.00122	0.009621	0.01886	0.021207
33.0543	0.001222	0.001069	0.017027	0.017105
33.05666	-0.00183	-0.00382	0.014584	0.015186
33.05902	-0.00061	0.001069	0.010919	0.010988
33.06139	0.001833	0.005956	0.01153	0.013106
33.06375	0.001222	0.007177	0.009697	0.012126

33.06611	-0.00061	0.002291	0.007865	0.008214
33.06848	0.000611	0.001069	0.007254	0.007358
33.07084	0	0.003512	0.006032	0.00698
33.0732	-0.00122	0.005345	0.00481	0.007294
33.07556	-0.00122	0.005956	0.001756	0.006328
33.07793	0	0.004123	-0.00069	0.00418
33.08029	0.001222	0.00168	-0.00191	0.002821
33.08265	-0.00061	0.001069	-0.00252	0.002804
33.08502	-0.00061	0.002291	-0.00557	0.006057
33.08738	-0.00183	0.002291	-0.00863	0.009113
33.08974	-0.00305	0.002902	-0.01168	0.012419
33.0921	-0.00428	0.00168	-0.0129	0.013698
33.09447	-0.00305	0.003512	-0.0129	0.013718
33.09683	0.001222	0.007788	-0.01535	0.017254
33.09919	0.002443	0.002291	-0.01901	0.019305
33.10156	0.000611	-0.00137	-0.01962	0.019681
33.10392	0	-0.00015	-0.02146	0.021457
33.10628	-0.00122	0.003512	-0.02146	0.021776
33.10864	0.001833	0.006567	-0.02451	0.025441
33.11101	0	0.004123	-0.02634	0.026664
33.11337	0	-0.00076	-0.0294	0.029407
33.11573	-0.00183	-0.00015	-0.03123	0.031284
33.1181	-0.00122	0.004734	-0.03551	0.035841
33.12046	-0.00061	0.005345	-0.03367	0.0341
33.12282	-0.00305	-0.00076	-0.03673	0.036862
33.12518	-0.00122	-0.00137	-0.03734	0.037383
33.12755	-0.00244	-0.00015	-0.03612	0.036199
33.12991	-0.00183	0.00168	-0.03856	0.03864
33.13227	0	0.006567	-0.04039	0.040923
33.13464	0	0.002902	-0.03917	0.039278
33.137	0.000611	0.000458	-0.03978	0.039789
33.13936	0.000611	-0.00015	-0.03917	0.039176
33.14172	-0.00183	0.00168	-0.03917	0.039249
33.14409	0	0.002291	-0.04039	0.040457
33.14645	-0.00061	0.002291	-0.03978	0.039852
33.14881	-0.00061	0.001069	-0.041	0.041022
33.15118	-0.00183	-0.00015	-0.04161	0.041655
33.15354	-0.00183	0.00168	-0.04284	0.042908
33.1559	-0.00183	0.003512	-0.04528	0.045452
33.15826	-0.00061	0.002291	-0.04467	0.044731
33.16063	0.000611	0.000458	-0.0465	0.046507
33.16299	0	-0.00076	-0.04711	0.047118
33.16535	0	-0.00076	-0.04833	0.048339
33.16772	-0.00122	0.00168	-0.04955	0.049598
33.17008	-0.00122	-0.00015	-0.052	0.052013
33.17244	-0.00305	-0.00199	-0.05566	0.055783
33.1748	-0.00489	-0.00382	-0.05872	0.059044
33.17717	-0.00367	-0.00076	-0.06422	0.064324
33.17953	-0.00183	0.002291	-0.06788	0.067944
33.18189	-0.00183	0.001069	-0.07155	0.071577
33.18425	-0.00061	-0.0026	-0.07704	0.077089
33.18662	0.000611	-0.00137	-0.0801	0.080111

33.18898	0.001833	-0.00199	-0.08437	0.084417
33.19134	0.001222	-0.00137	-0.08437	0.084393
33.19371	0.001833	0.00168	-0.08743	0.087463
33.19607	0.001833	0.001069	-0.08682	0.086843
33.19843	0.002443	-0.0026	-0.08559	0.085669
33.20079	0	-0.00076	-0.08559	0.085598
33.20316	-0.00183	0.002291	-0.08315	0.083203
33.20552	-0.00183	0.003512	-0.08071	0.080805
33.20788	-0.00122	0.002902	-0.08254	0.082601
33.21025	-0.00122	0.000458	-0.08193	0.08194
33.21261	-0.00122	-0.00076	-0.07949	0.0795
33.21497	0	0.00168	-0.07826	0.078283
33.21733	0.000611	0.00168	-0.07216	0.072178
33.2197	0.001833	0.002291	-0.06788	0.067944
33.22206	0	0.002902	-0.06422	0.064281
33.22442	0.002443	0.004734	-0.05872	0.058959
33.22679	0.004276	0.004734	-0.05322	0.053601
33.22915	0.003054	0.002902	-0.04894	0.049125
33.23151	0.002443	0.00168	-0.0465	0.046595
33.23387	0.001833	0.001069	-0.0465	0.046549
33.23624	0	0.002902	-0.04222	0.042324
33.2386	0.000611	0.004123	-0.04589	0.046079
33.24096	-0.00061	0.000458	-0.04711	0.047118
33.24333	-0.00244	0.000458	-0.05017	0.050227
33.24569	-0.00428	0.002291	-0.05627	0.056483
33.24805	-0.0055	-0.00015	-0.06544	0.065668
33.25041	-0.00733	-0.0026	-0.07277	0.073182
33.25278	-0.00672	-0.00504	-0.08315	0.083575
33.25514	-0.00855	-0.00199	-0.09048	0.090907
33.2575	-0.00855	-0.00076	-0.10026	0.100622
33.25987	-0.00733	-0.00382	-0.10881	0.109121
33.26223	-0.00672	-0.00504	-0.1143	0.114613
33.26459	-0.00672	-0.00321	-0.12163	0.121863
33.26695	-0.00733	-0.0026	-0.12713	0.12737
33.26932	-0.00611	-0.00504	-0.12897	0.129208
33.27168	-0.00672	-0.00504	-0.12835	0.128629
33.27404	-0.00794	-0.00199	-0.12774	0.128005
33.27641	-0.00611	-0.00015	-0.13141	0.13155
33.27877	-0.0055	-0.00076	-0.12897	0.129085
33.28113	-0.00367	-0.00199	-0.13019	0.130254
33.28349	-0.00428	-0.00382	-0.13324	0.133364
33.28586	-0.00183	-0.00199	-0.13141	0.131436
33.28822	-0.00244	0.005345	-0.12774	0.127879
33.29058	-0.00305	0.003512	-0.12897	0.129049
33.29294	-0.00244	-0.00076	-0.12958	0.129601
33.29531	-0.00183	-0.00382	-0.14057	0.140635
33.29767	-0.00244	0.006567	-0.16562	0.165764
33.30003	-0.00061	0.025503	-0.20776	0.209325
33.3024	0.002443	0.011453	-0.24014	0.240425
33.30476	0.001222	-0.01848	-0.25236	0.253035
33.30712	0.001222	-0.01542	-0.26579	0.266245
33.30948	0.003054	-0.00137	-0.27068	0.270702

33.31185	-0.00061	-0.00015	-0.27129	0.271293
33.31421	-0.00122	-0.00565	-0.27129	0.271354
33.31657	-0.00122	-0.00748	-0.26946	0.269567
33.31894	-0.00183	-0.00382	-0.26946	0.269493
33.3213	-0.00122	0.002291	-0.26885	0.268862
33.32366	0.001222	0.006567	-0.26579	0.265879
33.32602	0.001833	0.005345	-0.26641	0.266466
33.32839	0.006719	-0.00137	-0.26335	0.263441
33.33075	0.005498	-0.00199	-0.26274	0.262806
33.33311	0.003054	0.006567	-0.26396	0.264062
33.33548	0.003054	0.008399	-0.26824	0.268387
33.33784	0.004276	0.003512	-0.2719	0.27196
33.3402	0.003054	0.002902	-0.27801	0.278044
33.34256	0.003054	0.006567	-0.2884	0.288487
33.34493	0.005498	0.005956	-0.29634	0.296448
33.34729	0.006108	0.004123	-0.31039	0.310474
33.34965	0.005498	0.004123	-0.32077	0.320845
33.35202	0.004887	0.005345	-0.33421	0.334288
33.35438	0.005498	0.005345	-0.34521	0.34529
33.35674	0.004887	0.002902	-0.35559	0.355635
33.3591	0.005498	0.00168	-0.36658	0.36663
33.36147	0.006108	0.00168	-0.37514	0.37519
33.36383	0.004887	0.004734	-0.38125	0.381306
33.36619	0.004887	0.003512	-0.38674	0.38679
33.36856	0.006719	0.000458	-0.39285	0.392909
33.37092	0.006719	0.00168	-0.39713	0.397187
33.37328	0.007941	0.003512	-0.40446	0.40455
33.37564	0.008552	0.005345	-0.41423	0.414354
33.37801	0.008552	0.004123	-0.42523	0.425332
33.38037	0.008552	0.002902	-0.43378	0.433872
33.38273	0.007941	0.002902	-0.44477	0.444854
33.3851	0.012217	0.003512	-0.44844	0.448618
33.38746	0.010995	0.004734	-0.45149	0.451651
33.38982	0.00733	0.00168	-0.45455	0.454609
33.39218	0.005498	-0.00076	-0.45271	0.452748
33.39455	0.003665	0.005345	-0.45027	0.450317
33.39691	0.003665	0.002902	-0.44661	0.44663
33.39927	0.004887	0.000458	-0.44416	0.444189
33.40164	0.004276	0.000458	-0.4405	0.440518
33.404	0.004887	0.004734	-0.43928	0.439328
33.40636	0.004276	0.004123	-0.43683	0.436873
33.40872	0.004276	0.002291	-0.43439	0.434416
33.41109	0.004887	0.000458	-0.43378	0.433806
33.41345	0.005498	0.002291	-0.43072	0.430765
33.41581	0.005498	0.004123	-0.42767	0.427725
33.41817	0.004276	0.00168	-0.42523	0.425251
33.42054	0.002443	0.001069	-0.41973	0.419737
33.4229	0.001833	0.002902	-0.41606	0.416077
33.42526	0.004276	0.004123	-0.41423	0.414273
33.42763	0.001833	0.003512	-0.40507	0.405087
33.42999	0.003054	0.00168	-0.39835	0.398364
33.43235	0.003054	0.001069	-0.38858	0.388589

33.43471	0.005498	0.003512	-0.38247	0.382522
33.43708	0.003054	0.002902	-0.37575	0.375771
33.43944	0.003054	0.00168	-0.36536	0.36538
33.4418	0.004276	0.002902	-0.35681	0.356849
33.44417	0.006108	0.006567	-0.34643	0.346543
33.44653	0.00733	0.005345	-0.33604	0.336165
33.44889	0.009163	0.004123	-0.32566	0.325813
33.45125	0.009774	0.002291	-0.31161	0.31177
33.45362	0.009774	0.005956	-0.3055	0.305714
33.45598	0.009163	0.004734	-0.2945	0.294685
33.45834	0.009774	0.005345	-0.28534	0.285559
33.46071	0.010995	0.005956	-0.27923	0.279513
33.46307	0.012217	0.006567	-0.27496	0.275307
33.46543	0.012217	0.007177	-0.26885	0.269222
33.46779	0.009163	0.007177	-0.26274	0.262998
33.47016	0.014049	0.007788	-0.25969	0.260183
33.47252	0.015271	0.00901	-0.25785	0.258463
33.47488	0.01466	0.007177	-0.25541	0.255932
33.47725	0.014049	0.005956	-0.24686	0.24733
33.47961	0.012828	0.004734	-0.24075	0.241138
33.48197	0.010995	0.006567	-0.23403	0.234381
33.48433	0.006719	0.005956	-0.22365	0.223827
33.4867	0.005498	0.005345	-0.21571	0.215842
33.48906	0.006108	0.004734	-0.2096	0.209739
33.49142	0.004887	0.005956	-0.20105	0.201193
33.49379	0.004887	0.005956	-0.19188	0.192037
33.49615	0.004276	0.004123	-0.18333	0.183427
33.49851	0.004887	0.005345	-0.17539	0.175539
33.50087	0.003665	0.004734	-0.16684	0.166945
33.50324	0.003665	0.002902	-0.15462	0.154691
33.5056	0.004276	0.005345	-0.1479	0.14806
33.50796	0.002443	0.004734	-0.13752	0.13762
33.51033	0.003054	0.004734	-0.12897	0.129088
33.51269	0.004276	0.003512	-0.12286	0.122981
33.51505	0.002443	0.005345	-0.11614	0.116286
33.51741	0.002443	0.003512	-0.1082	0.108281
33.51978	0.001222	0.004123	-0.1027	0.102789
33.52214	0.001833	0.002291	-0.09903	0.099077
33.5245	0.001833	0.005345	-0.09293	0.093097
33.52686	0.000611	0.004123	-0.08682	0.086917
33.52923	0.001222	0.002902	-0.08315	0.083211
33.53159	0.001222	0.004734	-0.08132	0.081466
33.53395	-0.00183	0.004123	-0.07765	0.077785
33.53632	0.000611	0.002291	-0.07521	0.075248
33.53868	0	0.002902	-0.07277	0.072825
33.54104	-0.00183	0.004734	-0.07155	0.071725
33.5434	-0.00183	0.004123	-0.07032	0.070468
33.54577	-0.00183	0.002291	-0.06483	0.064893
33.54813	-0.00061	0.001069	-0.06238	0.062395
33.55049	-0.00061	0.00168	-0.05872	0.058745
33.55286	0.001222	0.001069	-0.05505	0.055077
33.55522	-0.00061	0.001069	-0.04955	0.04957

33.55758	-0.00183	0.003512	-0.04589	0.046061
33.55994	-0.00183	0.004123	-0.04222	0.042465
33.56231	0.001222	0.004734	-0.041	0.041294
33.56467	0.000611	0.002291	-0.03734	0.037413
33.56703	-0.00061	0.00168	-0.03245	0.0325
33.5694	-0.00183	0.002291	-0.03123	0.031367
33.57176	-0.00183	0.005956	-0.02879	0.029453
33.57412	-0.00244	0.004734	-0.02695	0.027475
33.57648	-0.00183	0.00168	-0.02512	0.025244
33.57885	-0.00122	-0.00015	-0.02207	0.022101
33.58121	-0.00122	0.004123	-0.02146	0.021883
33.58357	-0.00183	0.003512	-0.01962	0.020019
33.58594	0	0.00168	-0.01596	0.016047
33.5883	0	0.000458	-0.01474	0.014744
33.59066	0.000611	0.002291	-0.01413	0.014323
33.59302	0.001222	0.002291	-0.00924	0.009597
33.59539	0	0.00168	-0.00802	0.008191
33.59775	-0.00122	-0.00076	-0.00435	0.004585
33.60011	-0.00122	-0.00015	-0.0013	0.001789
33.60248	0	0.000458	-7.6E-05	0.000464
33.60484	0.000611	0.004123	0.001756	0.004523
33.6072	0.001222	0.005345	0.001145	0.005601
33.60956	0.000611	0.003512	0.002367	0.004279
33.61193	0.001833	0.00168	0.001145	0.002737
33.61429	0.000611	0.00168	0.001145	0.002123
33.61665	0.001222	0.002902	0.002367	0.003939
33.61902	0.000611	0.004123	0.003589	0.0055
33.62138	0.000611	0.001069	0.003589	0.003794
33.62374	0.000611	0.00168	0.003589	0.004009
33.6261	0.001222	0.004123	0.0042	0.006011
33.62847	0.001222	0.002291	0.0042	0.004937
33.63083	0.000611	0.002902	0.002367	0.003794
33.63319	0	0.002291	0.002367	0.003294
33.63555	0.001222	0.000458	0.002367	0.002703
33.63792	0	0.000458	0.003589	0.003618
33.64028	-0.00244	0.000458	0.002367	0.003433
33.64264	-0.00244	0.00168	0.003589	0.004655
33.64501	0.000611	0.00168	0.001756	0.002506
33.64737	-0.00061	0.002902	0.00481	0.005651
33.64973	-0.00183	0.000458	0.003589	0.004055
33.65209	0	0.00168	0.00481	0.005095
33.65446	0.000611	-0.00015	0.006032	0.006065
33.65682	-0.00122	0.00168	0.005421	0.005806
33.65918	-0.00244	0.001069	0.00481	0.0055
33.66155	-0.00183	0.00168	0.005421	0.005964
33.66391	-0.00183	0.002902	0.006032	0.00694
33.66627	-0.00183	0.001069	0.00481	0.005257
33.66863	-0.00244	0.000458	0.006643	0.007093
33.671	-0.00183	0.001069	0.006643	0.006974
33.67336	-0.00061	0.00168	0.007254	0.007471
33.67572	-0.00244	0.00168	0.007254	0.007836
33.67809	-0.00122	0.002291	0.006643	0.007132

33.68045	-0.00244	0.000458	0.006032	0.006524
33.68281	-0.00183	0.001069	0.005421	0.005822
33.68517	-0.00183	0.000458	0.007865	0.008088
33.68754	-0.00122	-0.00015	0.009086	0.009169
33.6899	-0.00183	0.000458	0.009086	0.009281
33.69226	-0.00183	0.002902	0.009697	0.010287
33.69463	-0.00061	0.00168	0.009086	0.00926
33.69699	0	0.002902	0.010308	0.010709
33.69935	0.000611	0.002291	0.010919	0.011173
33.70171	0.002443	0.002902	0.010308	0.010984
33.70408	0.001222	0.00168	0.012141	0.012317
33.70644	0.001222	0.004123	0.013973	0.01462
33.7088	0.001222	0.005956	0.01886	0.019816
33.71117	0.000611	0.005345	0.022525	0.023159
33.71353	0.002443	0.005345	0.025579	0.026246
33.71589	0.003665	0.004734	0.027412	0.028058
33.71825	0.004276	0.004734	0.029244	0.029932
33.72062	0.004276	0.002902	0.030466	0.030901
33.72298	0.003054	0.004123	0.029855	0.030293
33.72534	0.003054	0.007177	0.028023	0.029088
33.72771	0.002443	0.00901	0.027412	0.028958
33.73007	0.005498	0.005956	0.025579	0.026833
33.73243	0.006108	0.002902	0.027412	0.028234
33.73479	0.004887	0.002902	0.034131	0.034601
33.73716	0.006108	0.004734	0.034131	0.034995
33.73952	0.006108	0.003512	0.028023	0.028895
33.74188	0.005498	0.000458	0.022525	0.023191
33.74425	0.000611	0.002902	0.021914	0.022114
33.74661	0.000611	0.005956	0.021914	0.022717
33.74897	0.001222	0.005345	0.021914	0.02259
33.75133	0.002443	-0.00015	0.021914	0.02205
33.7537	0.001222	-0.00076	0.017638	0.017697
33.75606	0.003665	0.001069	0.015195	0.015667
33.75842	0.002443	0.003512	0.013973	0.014614
33.76078	0.004276	0.003512	0.012751	0.0139
33.76315	0.004887	0.002902	0.012141	0.013405
33.76551	0.002443	0.001069	0.014584	0.014826
33.76787	0.001222	0.00168	0.014584	0.014731
33.77024	0	-0.00015	0.014584	0.014585
33.7726	-0.00244	0.002291	0.012141	0.012594
33.77496	-0.00305	0.004734	0.013973	0.015066
33.77732	-0.00305	0.002291	0.013362	0.013897
33.77969	-0.0055	-0.00015	0.015195	0.01616
33.78205	-0.00305	0.001069	0.015195	0.015536
33.78441	-0.00367	0.001069	0.014584	0.015075
33.78678	-0.00305	0.000458	0.014584	0.014907
33.78914	-0.00183	0.001069	0.012141	0.012325
33.7915	0	0.000458	0.01153	0.011539
33.79386	-0.00183	0.000458	0.010919	0.011081
33.79623	-0.00183	-0.00015	0.010919	0.011073
33.79859	-0.00061	0.000458	0.010308	0.010336
33.80095	-0.00122	-0.00015	0.009086	0.009169

33.80332	-0.00122	0.002902	0.007254	0.007908
33.80568	0	0.004123	0.008476	0.009425
33.80804	-0.00122	0.003512	0.007254	0.008152
33.8104	-0.00122	0.000458	0.006643	0.00677
33.81277	0.000611	0.000458	0.003589	0.003669
33.81513	-0.00244	0.000458	0.005421	0.005964
33.81749	-0.00183	0.002291	0.00481	0.005634
33.81986	-0.00061	0.00168	0.005421	0.005708
33.82222	-0.00061	-0.00076	0.00481	0.004909
33.82458	-0.00244	0.00168	0.003589	0.004655
33.82694	-0.00428	-0.00076	0.005421	0.006947
33.82931	-0.0055	-0.00076	0.008476	0.010131
33.83167	-0.00611	0.000458	0.009086	0.010958
33.83403	-0.00428	0.003512	0.012141	0.013342
33.8364	-0.00244	0.008399	0.012141	0.014964
33.83876	0	0.007177	0.012141	0.014104
33.84112	-0.00183	0.001069	0.01153	0.011723
33.84348	-0.00122	0.003512	0.010308	0.010958
33.84585	0.001222	0.007788	0.009086	0.01203
33.84821	0.003054	0.007788	0.009086	0.012351
33.85057	0.004887	0.003512	0.006643	0.008964
33.85294	0.004276	0.001069	0.005421	0.006987
33.8553	0.002443	0.001069	0.006032	0.006595
33.85766	0.003665	0.002291	0.006032	0.007421
33.86002	0.001833	0.002902	0.006032	0.00694
33.86239	0.001222	0.004734	0.007254	0.008748
33.86475	0.000611	0.004734	0.006643	0.00818
33.86711	0.000611	0.004734	0.008476	0.009727
33.86947	0.001222	0.004734	0.006643	0.008248
33.87184	0.001833	0.005345	0.010308	0.011755
33.8742	0.003054	0.00168	0.009086	0.009732
33.87656	0.006108	0.000458	0.010308	0.011991
33.87893	0.004276	0.00168	0.010919	0.011846
33.88129	0.004887	0.000458	0.013362	0.014235
33.88365	0.002443	0.002291	0.013973	0.014369
33.88601	0.003054	0.002902	0.016417	0.016948
33.88838	0	0.002902	0.017027	0.017273
33.89074	0.000611	0.000458	0.016417	0.016434
33.8931	0	-0.00015	0.015195	0.015196
33.89547	0.001222	0.002902	0.017027	0.017316
33.89783	0.001222	0.004123	0.017027	0.017562
33.90019	0.001833	0.00168	0.017027	0.017208
33.90255	0.001833	0.00168	0.017027	0.017208
33.90492	0.000611	0.000458	0.016417	0.016434
33.90728	0.001833	0.000458	0.01886	0.018954
33.90964	0.002443	0.001069	0.019471	0.019653
33.91201	0.004276	0.001069	0.021303	0.021754
33.91437	0.003054	0.00168	0.024358	0.024606
33.91673	0	0.002902	0.024358	0.02453
33.91909	0.001222	0.004734	0.030466	0.030856
33.92146	-0.00122	0.002902	0.031688	0.031844
33.92382	-0.00244	0.00168	0.032299	0.032434

33.92618	0	0.003512	0.030466	0.030668
33.92855	-0.00061	0.004123	0.032299	0.032566
33.93091	0	0.003512	0.031077	0.031275
33.93327	-0.00183	0.002291	0.031688	0.031823
33.93563	-0.00183	0.005345	0.030466	0.030986
33.938	-0.00305	0.005956	0.029244	0.03
33.94036	-0.00122	0.006567	0.029244	0.029997
33.94272	-0.00061	0.007788	0.028633	0.02968
33.94509	0.000611	0.007177	0.032299	0.033092
33.94745	0	0.007788	0.032299	0.033224
33.94981	0.000611	0.006567	0.031077	0.031769
33.95217	0.001222	0.005956	0.03352	0.034067
33.95454	0.001222	0.002902	0.03352	0.033668
33.9569	0.000611	0.002291	0.032909	0.032995
33.95926	-0.00244	0.008399	0.04085	0.041776
33.96163	-0.00367	0.005345	0.066506	0.066821
33.96399	-0.00061	-0.00626	0.092772	0.092985
33.96635	0.000611	-0.00687	0.123315	0.123508
33.96871	-0.00367	0.006567	0.142862	0.14306
33.97108	-0.0055	0.007177	0.14836	0.148635
33.97344	0	-0.00932	0.175237	0.175484
33.9758	0	-0.01848	0.198449	0.199307
33.97817	-0.00428	-0.00932	0.212498	0.212746
33.98053	-0.0055	0.002291	0.230213	0.23029
33.98289	-0.00855	0.004734	0.248538	0.248731
33.98525	-0.00733	0.006567	0.262588	0.262772
33.98762	-0.00428	0.012675	0.280913	0.281232
33.98998	-0.00122	0.029779	0.302904	0.304367
33.99234	-0.0055	0.06643	0.334668	0.341241
33.9947	-0.02321	0.101859	0.382314	0.396331
33.99707	-0.04032	0.125682	0.435458	0.455022
33.99943	-0.04398	0.123849	0.490434	0.507739
34.00179	-0.03787	0.100637	0.550297	0.560704
34.00416	-0.02382	0.085977	0.619323	0.625716
34.00652	-0.00428	0.110411	0.677353	0.686306
34.00888	0.009774	0.114687	0.726221	0.735286
34.01124	0.02138	0.072538	0.761039	0.764787
34.01361	0.025656	0.018173	0.765926	0.766571
34.01597	0.018936	-0.01176	0.754931	0.75526
34.01833	0.008552	-0.00687	0.734162	0.734244
34.0207	0.003054	0.010843	0.723778	0.723865
34.02306	0.006108	0.006567	0.741492	0.741546
34.02542	0.009774	-0.03741	0.772645	0.773612
34.02778	0.001833	-0.08811	0.748212	0.753384
34.03015	0.009163	-0.11927	0.722556	0.732391
34.03251	0.02138	-0.05024	0.75432	0.756294
34.03487	0.032375	-0.04658	0.846558	0.848456
34.03724	0.028099	-0.12721	0.921692	0.930853
34.0396	0.025656	-0.11927	0.954678	0.962441
34.04196	0.032986	-0.0026	0.958343	0.958914
34.04432	0.029932	0.073149	0.94918	0.952465
34.04669	0.034818	0.063986	0.957732	0.960499

34.04905	0.054365	0.006567	0.988885	0.9904
34.05141	0.089184	-0.01298	1.002935	1.006976
34.05378	0.114228	-0.00137	0.987053	0.993641
34.05614	0.113007	-0.0142	0.972392	0.97904
34.0585	0.096514	-0.02947	0.982166	0.987337
34.06086	0.07208	-0.0594	0.989496	0.993895
34.06323	0.042759	-0.07101	0.980334	0.983832
34.06559	0.017104	-0.01359	0.951624	0.951874
34.06795	-0.0055	0.041385	0.937574	0.938503
34.07032	-0.00855	0.038942	0.944904	0.945745
34.07268	0.006719	-0.03497	0.963841	0.964498
34.07504	0.026266	-0.10094	0.959565	0.965217
34.0774	0.037873	-0.10949	0.918027	0.925309
34.07977	0.044592	-0.05635	0.863051	0.866037
34.08213	0.058641	-0.00626	0.797079	0.799258
34.08449	0.070858	-0.0423	0.71095	0.715723
34.08686	0.084908	-0.11499	0.600997	0.617762
34.08922	0.112396	-0.13515	0.481271	0.512367
34.09158	0.162485	-0.06124	0.37926	0.417121
34.09394	0.249226	0.068262	0.293741	0.391225
34.09631	0.321916	0.063375	0.188065	0.378173
34.09867	0.358567	-0.05513	0.07628	0.370713
34.10103	0.368952	-0.09239	-0.0184	0.380789
34.10339	0.356124	-0.02275	-0.0691	0.363479
34.10576	0.342074	0.104302	-0.08132	0.366751
34.10812	0.321306	0.162333	-0.06666	0.366105
34.11048	0.289542	0.123238	-0.03306	0.31641
34.11285	0.253502	0.078036	-7.6E-05	0.265241
34.11521	0.211964	0.075592	0.019471	0.225881
34.11757	0.149658	0.08109	0.02619	0.172218
34.11993	0.065972	0.048104	0.012141	0.082545
34.1223	-0.02504	-0.01909	-0.02512	0.040283
34.12466	-0.12217	-0.04719	-0.07155	0.149234
34.12702	-0.22724	0.042607	-0.1027	0.252979
34.12939	-0.33169	0.162333	-0.10209	0.383135
34.13175	-0.42454	0.21059	-0.07888	0.480419
34.13411	-0.47402	0.14584	-0.04284	0.497792
34.13647	-0.46547	0.057267	-0.03062	0.469974
34.13884	-0.40744	0.057878	-0.03245	0.412803
34.1412	-0.31886	0.112243	-0.02756	0.339163
34.14356	-0.20402	0.103691	-0.02023	0.229754
34.14593	-0.07025	0.036498	-0.02695	0.083626
34.14829	0.054976	-0.0197	-0.04161	0.071709
34.15065	0.138662	-0.03925	-0.04711	0.151615
34.15301	0.171648	-0.04536	-0.03612	0.181176
34.15538	0.153934	-0.06124	0.000534	0.165668
34.15774	0.110563	-0.03925	0.037185	0.123074
34.1601	0.064139	0.019394	0.051846	0.084723
34.16247	0.011606	0.039552	0.046959	0.062484
34.16483	-0.03787	0.026114	0.04024	0.061119
34.16719	-0.08246	0.024281	0.038407	0.094154
34.16955	-0.11362	0.048715	0.030466	0.12732

34.17192	-0.13439	0.068262	0.016417	0.151621
34.17428	-0.13316	0.057878	-0.00191	0.145211
34.17664	-0.1124	0.035276	-0.01474	0.11872
34.17901	-0.07758	0.025503	-0.02329	0.084918
34.18137	-0.03543	0.036498	-0.02573	0.057004
34.18373	-0.00183	0.035887	-0.01901	0.040654
34.18609	0.025045	0.01634	-0.01779	0.034796
34.18846	0.042148	-0.00015	-0.02268	0.047862
34.19082	0.049479	-0.00932	-0.02451	0.055997
34.19318	0.04337	-0.00748	-0.02451	0.050376
34.19555	0.026266	0.00168	-0.02695	0.037673
34.19791	0.006108	0.005345	-0.03001	0.031086
34.20027	-0.01344	0.008399	-0.03184	0.035566
34.20263	-0.02932	0.008399	-0.03428	0.045887
34.205	-0.03726	0.009621	-0.03978	0.055349
34.20736	-0.04276	0.010232	-0.04284	0.061384
34.20972	-0.04215	0.012064	-0.04833	0.065254
34.21209	-0.03421	0.005345	-0.05261	0.06298
34.21445	-0.02627	-0.00015	-0.0575	0.063212
34.21681	-0.01771	-0.00199	-0.06299	0.065467
34.21917	-0.01527	0.001069	-0.07032	0.071971
34.22154	-0.01405	-0.00687	-0.07093	0.072638
34.2239	-0.01222	-0.02336	-0.07399	0.078546
34.22626	-0.01283	-0.02886	-0.07765	0.083832
34.22862	-0.01588	-0.0252	-0.07521	0.080894
34.23099	-0.01833	-0.02703	-0.07338	0.080317
34.23335	-0.01833	-0.0307	-0.07216	0.080527
34.23571	-0.01588	-0.03375	-0.06666	0.076385
34.23808	-0.011	-0.03925	-0.06483	0.076574
34.24044	-0.00855	-0.03314	-0.07399	0.081521
34.2428	-0.00977	-0.02825	-0.0801	0.085494
34.24516	-0.01283	-0.02336	-0.08071	0.084996
34.24753	-0.0171	-0.02825	-0.0801	0.086639
34.24989	-0.01894	-0.0478	-0.08621	0.100373
34.25225	-0.02016	-0.06063	-0.09964	0.118368
34.25462	-0.01771	-0.06368	-0.10697	0.125748
34.25698	-0.00977	-0.06185	-0.10331	0.120804
34.25934	-0.00489	-0.05513	-0.10453	0.118279
34.2617	0.001222	-0.04963	-0.11003	0.120711
34.26407	0.001833	-0.04902	-0.1082	0.118797
34.26643	0.006719	-0.04902	-0.10331	0.114547
34.26879	0.009774	-0.05391	-0.10148	0.115322
34.27116	0.012217	-0.05818	-0.10514	0.120787
34.27352	0.011606	-0.06063	-0.10453	0.121396
34.27588	0.005498	-0.05879	-0.10087	0.11688
34.27824	-0.00367	-0.06307	-0.10087	0.119018
34.28061	-0.01405	-0.0704	-0.09781	0.121329
34.28297	-0.02138	-0.05146	-0.10331	0.117382
34.28533	-0.02566	-0.0252	-0.11736	0.122745
34.2877	-0.02932	-0.02703	-0.1363	0.14201
34.29006	-0.03665	-0.07407	-0.1479	0.169422
34.29242	-0.04276	-0.10461	-0.15706	0.193495

34.29478	-0.04765	-0.09544	-0.17539	0.205284
34.29715	-0.04826	-0.0759	-0.20593	0.224716
34.29951	-0.05192	-0.08689	-0.25052	0.270201
34.30187	-0.05131	-0.09606	-0.28046	0.300857
34.30424	-0.05314	-0.09361	-0.30489	0.323334
34.3066	-0.05742	-0.10033	-0.33177	0.35133
34.30896	-0.0617	-0.09972	-0.35192	0.370947
34.31132	-0.06414	-0.0759	-0.36475	0.378046
34.31369	-0.06414	-0.04902	-0.37636	0.384919
34.31605	-0.05681	-0.03436	-0.40446	0.40987
34.31841	-0.04093	-0.0252	-0.45027	0.452829
34.32078	-0.0226	-0.02336	-0.4802	0.481301
34.32314	-0.00244	-0.00748	-0.49486	0.494925
34.3255	0.008552	-0.00321	-0.49975	0.499833
34.32786	0.009163	-0.01665	-0.49792	0.498279
34.33023	0.000611	-0.03375	-0.49731	0.49845
34.33259	-0.011	-0.03864	-0.48265	0.484314
34.33495	-0.02566	-0.04536	-0.45943	0.462379
34.33731	-0.0452	-0.05085	-0.42889	0.434254
34.33968	-0.06108	-0.0307	-0.4014	0.407183
34.34204	-0.06964	-0.01176	-0.37208	0.378725
34.3444	-0.07269	-0.00993	-0.33116	0.339185
34.34677	-0.06597	-0.00993	-0.29206	0.299584
34.34913	-0.05192	0.00168	-0.26518	0.270225
34.35149	-0.0281	0.03039	-0.24075	0.244282
34.35385	0.003054	0.041385	-0.22731	0.231068
34.35622	0.02871	0.014508	-0.21876	0.221112
34.35858	0.045203	-0.00809	-0.21571	0.220539
34.36094	0.047646	-0.01542	-0.2096	0.215497
34.36331	0.040316	-0.02031	-0.20471	0.209629
34.36567	0.020769	-0.02214	-0.20105	0.203324
34.36803	-0.00855	-0.01359	-0.19738	0.198032
34.37039	-0.03848	-0.0026	-0.20105	0.204712
34.37276	-0.06353	0.002291	-0.20288	0.212604
34.37512	-0.07758	0.008399	-0.21021	0.224223
34.37748	-0.07269	0.018784	-0.21387	0.226668
34.37985	-0.05192	0.019394	-0.21937	0.226264
34.38221	-0.02749	0.007788	-0.22304	0.224858
34.38457	-0.00489	0.023059	-0.21876	0.220026
34.38693	0.011606	0.037109	-0.21265	0.216177
34.3893	0.015271	0.01634	-0.1986	0.199857
34.39166	0.008552	-0.00626	-0.18944	0.189735
34.39402	-0.00611	-0.00321	-0.19249	0.192617
34.39639	-0.02016	0.005345	-0.19616	0.197264
34.39875	-0.02993	0.003512	-0.19127	0.193631
34.40111	-0.04581	0.001069	-0.18944	0.194903
34.40347	-0.06231	0.007788	-0.18761	0.197836
34.40584	-0.06719	0.033444	-0.1986	0.212311
34.4082	-0.06536	0.063986	-0.1986	0.218652
34.41056	-0.05559	0.055434	-0.18761	0.203369
34.41293	-0.03176	0.00901	-0.17356	0.17667
34.41529	-0.00428	-0.01726	-0.16195	0.162924

34.41765	0.015882	0.010232	-0.15157	0.152739
34.42001	0.023212	0.043828	-0.1424	0.150793
34.42238	0.01466	0.033444	-0.13568	0.140512
34.42474	0.005498	0.001069	-0.13446	0.134579
34.4271	-0.00428	0.002902	-0.12408	0.124186
34.42947	-0.01833	0.006567	-0.12591	0.127407
34.43183	-0.03176	0.005956	-0.12897	0.132953
34.43419	-0.04276	0.015118	-0.1308	0.138438
34.43655	-0.04398	0.033444	-0.12408	0.135824
34.43892	-0.03971	0.024892	-0.11125	0.120718
34.44128	-0.02688	-0.00504	-0.10331	0.106867
34.44364	-0.00977	-0.01726	-0.10453	0.106396
34.44601	0.004887	0.006567	-0.09781	0.098154
34.44837	0.005498	0.021838	-0.08254	0.085558
34.45073	-0.00489	0.00901	-0.06971	0.070462
34.45309	-0.01405	-0.00993	-0.05627	0.058845
34.45546	-0.01405	-0.02153	-0.04589	0.052601
34.45782	-0.01344	-0.01542	-0.03917	0.044191
34.46018	-0.01222	0.005345	-0.03795	0.040224
34.46254	-0.011	0.028557	-0.0575	0.065132
34.46491	-0.00794	0.034666	-0.06727	0.076092
34.46727	0	0.012064	-0.04833	0.049816
34.46963	0.009163	-0.00993	-0.02085	0.02484
34.472	0.012828	-0.01848	0.0042	0.022883
34.47436	0.013439	-0.01359	0.027412	0.033417
34.47672	0.011606	0.021227	0.039629	0.04643
34.47908	0.007941	0.071316	0.051846	0.088527
34.48145	0.003665	0.084755	0.063452	0.105939
34.48381	0.001833	0.048715	0.070782	0.085945
34.48617	-0.00244	-0.00382	0.075669	0.075804
34.48854	-0.00428	-0.03375	0.077501	0.084639
34.4909	-0.00733	-0.02336	0.077501	0.081278
34.49326	-0.01649	-0.0026	0.074447	0.076296
34.49562	-0.02688	0.001069	0.071393	0.076292
34.49799	-0.03115	-0.00137	0.074447	0.080714
34.50035	-0.0336	-0.01726	0.080555	0.08897
34.50271	-0.03848	-0.0087	0.084831	0.093558
34.50508	-0.03421	0.02367	0.082999	0.09284
34.50744	-0.01833	0.032222	0.077501	0.08591
34.5098	-0.00183	0.017562	0.078112	0.080083
34.51216	0.009774	0.006567	0.081777	0.082621
34.51453	0.006719	-0.00321	0.085442	0.085766
34.51689	0.000611	-0.00199	0.081777	0.081804
34.51925	-0.00244	0.00168	0.079945	0.08
34.52162	-0.0055	0.007788	0.077501	0.078085
34.52398	-0.00367	0.000458	0.07628	0.076369
34.52634	-0.00183	-0.01115	0.077501	0.07832
34.5287	-0.00489	-0.00321	0.07689	0.077112
34.53107	-0.00855	0.01634	0.075058	0.07729
34.53343	-0.00672	0.029779	0.078112	0.083866
34.53579	-0.00183	0.024281	0.081166	0.08474
34.53816	0.004276	0.007177	0.078112	0.078558

34.54052	0.009774	-0.00626	0.075058	0.07595
34.54288	0.012217	-0.00199	0.075058	0.076072
34.54524	0.013439	0.010232	0.075669	0.077531
34.54761	0.014049	0.010843	0.073836	0.075939
34.54997	0.014049	0.00168	0.073836	0.07518
34.55233	0.011606	-0.00137	0.075058	0.075962
34.5547	0.007941	0.002902	0.07628	0.076747
34.55706	0.005498	-0.00137	0.070782	0.071008
34.55942	0.004887	0.002291	0.064673	0.064898
34.56178	0.004887	0.010232	0.056122	0.057256
34.56415	0.004887	0.010232	0.044515	0.045937
34.56651	0.006108	0.002902	0.04085	0.041406
34.56887	0.003665	0.000458	0.045126	0.045277
34.57123	0.002443	0.002902	0.048791	0.048939
34.5736	-0.00244	0.005956	0.049402	0.04982
34.57596	-0.00611	0.00168	0.048791	0.049201
34.57832	-0.00794	-0.00137	0.04085	0.041638
34.58069	-0.00672	0.00168	0.037185	0.037825
34.58305	-0.00061	0.00901	0.036574	0.037673
34.58541	0.019547	0.013286	0.03352	0.041015
34.58777	0.04337	0.008399	0.028633	0.052644
34.59014	0.048868	-0.02581	0.024358	0.060394
34.5925	0.025656	-0.05757	0.023136	0.067142
34.59486	-0.01344	-0.04169	0.020692	0.048444
34.59723	-0.04215	0.015729	0.017638	0.048322
34.59959	-0.05192	0.054824	0.014584	0.076904
34.60195	-0.04276	0.050548	0.005421	0.066429
34.60431	-0.01955	0.017562	-0.00863	0.027658
34.60668	0.00733	-0.01115	-0.01657	0.021273
34.60904	0.017104	-0.02764	-0.01657	0.036484
34.6114	0.013439	-0.02642	-0.01901	0.035214
34.61377	0.003665	-0.00504	-0.02329	0.024108
34.61613	-0.00305	0.019394	-0.02756	0.033842
34.61849	-0.00428	0.026725	-0.02756	0.03863
34.62085	-0.00305	0.012064	-0.02573	0.028583
34.62322	0.001833	-0.00687	-0.02573	0.026697
34.62558	-0.00122	-0.01603	-0.02573	0.030344
34.62794	-0.00672	-0.0087	-0.0239	0.026308
34.63031	-0.01283	0.003512	-0.02268	0.02629
34.63267	-0.01283	0.011453	-0.02207	0.027976
34.63503	-0.01038	0.011453	-0.02085	0.025953
34.63739	-0.00489	0.002902	-0.02146	0.022196
34.63976	0	-0.00809	-0.02207	0.023504
34.64212	0	-0.01359	-0.02146	0.025399
34.64448	-0.00244	-0.00932	-0.02268	0.024638
34.64685	-0.0055	-0.00076	-0.0239	0.024535
34.64921	-0.00672	0.007177	-0.02085	0.023047
34.65157	-0.00611	0.005956	-0.02023	0.021959
34.65393	-0.00305	0.002902	-0.01962	0.020071
34.6563	-0.00183	-0.00382	-0.02268	0.02307
34.65866	0	-0.00443	-0.02512	0.025508
34.66102	-0.00061	-0.00199	-0.02451	0.024598

34.66339	-0.00122	0.002902	-0.02512	0.025318
34.66575	-0.00061	0.003512	-0.02451	0.024768
34.66811	-0.00061	0.001069	-0.02573	0.025761
34.67047	0.002443	-0.00137	-0.02451	0.02467
34.67284	0.003665	-0.0026	-0.0239	0.024318
34.6752	0.001833	-0.00076	-0.02573	0.025808
34.67756	0.000611	0.002291	-0.02695	0.027058
34.67993	0.000611	0.004734	-0.02879	0.029179
34.68229	0	0.004734	-0.03001	0.030379
34.68465	0.003054	0.002291	-0.03123	0.031462
34.68701	0.004276	0.000458	-0.03245	0.032735
34.68938	0.004276	0.000458	-0.03428	0.034552
34.69174	0.006108	0.000458	-0.03428	0.034827
34.6941	0.004276	0.002902	-0.03367	0.034067
34.69646	0.004276	0.005345	-0.03489	0.03556
34.69883	0.002443	0.004123	-0.03245	0.032803
34.70119	0.002443	0.004123	-0.03428	0.034617
34.70355	0.004887	0.002291	-0.03123	0.031692
34.70592	0.003665	0.002291	-0.03245	0.032738
34.70828	0.004887	0.00168	-0.03001	0.03045
34.71064	0.003665	0.00168	-0.03123	0.031489
34.713	0.002443	0.001069	-0.02818	0.028301
34.71537	0.003054	0.00168	-0.02756	0.027784
34.71773	0.003054	-0.00015	-0.02818	0.028341
34.72009	0.002443	0.000458	-0.02818	0.028285
34.72246	0.000611	-0.00015	-0.02695	0.026961
34.72482	0.000611	-0.00015	-0.02573	0.02574
34.72718	0.002443	0.001069	-0.02573	0.02587
34.72954	0.001222	0.001069	-0.02512	0.025173
34.73191	0	-0.00076	-0.02512	0.025133
34.73427	0.000611	-0.00137	-0.02573	0.025776
34.73663	0.001222	0.001069	-0.02512	0.025173
34.739	-0.00061	-0.00015	-0.02207	0.022076
34.74136	-0.00305	-0.00015	-0.02268	0.022883
34.74372	-0.00183	0.002902	-0.02451	0.024749
34.74608	-0.00122	0.000458	-0.02329	0.023325
34.74845	-0.00183	0.000458	-0.02085	0.020931
34.75081	0	-0.00015	-0.0239	0.0239
34.75317	-0.00183	-0.00076	-0.02451	0.024591
34.75554	-0.00122	-0.00015	-0.02451	0.024541
34.7579	-0.00061	0.002291	-0.02573	0.025841
34.76026	-0.00183	0.002291	-0.02573	0.025899
34.76262	-0.00061	0.002291	-0.02573	0.025841
34.76499	0.000611	0.002902	-0.02879	0.028938
34.76735	-0.00061	0.001069	-0.02879	0.028812
34.76971	0	0.000458	-0.0294	0.029401
34.77208	-0.00061	0.000458	-0.02756	0.027575
34.77444	-0.00122	0.002291	-0.03001	0.03012
34.77668	0.000611	0.004734	-0.03123	0.031592
34.77916	0	0.006567	-0.03367	0.034307
34.78153	0.000611	0.004123	-0.03489	0.035143
34.78389	0.002443	0.002902	-0.03856	0.038746

34.78625	0.003665	0.002291	-0.03978	0.040016
34.78862	0.002443	0.00168	-0.04222	0.042329
34.79098	0.003054	0.00168	-0.04467	0.044804
34.79334	0.004276	0.001069	-0.04222	0.042454
34.7957	0.001833	0.002291	-0.04528	0.045374
34.79807	0.003054	0.002291	-0.04467	0.044831
34.80043	0.003054	0.00168	-0.04528	0.045413
34.80279	0.002443	0.002291	-0.04406	0.044184
34.80515	0.003054	0.00168	-0.04833	0.048459
34.80752	0.002443	0.001069	-0.04894	0.049017
34.80988	0.002443	0.002291	-0.04711	0.04723
34.81224	0.002443	0.001069	-0.04955	0.049627
34.81461	0.003665	0.002291	-0.052	0.052178
34.81697	0.000611	0.001069	-0.05261	0.052624
34.81933	0.001222	0.001069	-0.05505	0.055077
34.82169	0.003665	0.000458	-0.05444	0.054567
34.82406	0.003665	0.000458	-0.05261	0.052739
34.82642	0.002443	0.002902	-0.05383	0.053964
34.82878	0.001833	0.002291	-0.052	0.052081
34.83115	0.001833	0.001069	-0.05139	0.051431
34.83351	0.001222	0.000458	-0.05139	0.051404
34.83587	0.001833	0.002902	-0.05139	0.051502
34.83823	0.000611	0.003512	-0.05078	0.050902
34.8406	0	-0.00015	-0.04955	0.049555
34.84296	0	0.000458	-0.04955	0.049557
34.84532	0.000611	0.00168	-0.04955	0.049587
34.84769	0.001222	0.001069	-0.05139	0.051413
34.85005	0.001222	-0.00015	-0.05261	0.052624
34.85241	0.001222	0.00168	-0.052	0.05204
34.85477	0.001222	0.001069	-0.05017	0.050192
34.85714	0.003054	0.000458	-0.05139	0.05148
34.8595	0.001833	0.00168	-0.052	0.052058
34.86186	0.001222	0.001069	-0.05078	0.050803
34.86423	0.000611	0.001069	-0.05383	0.053845
34.86659	0.001833	-0.00015	-0.05261	0.052641
34.86895	0.003054	0.002291	-0.05078	0.05092
34.87131	0.001833	0.002902	-0.05139	0.051502
34.87368	0.002443	0.001069	-0.05383	0.053897
34.87604	0.003665	0.001069	-0.05383	0.053966
34.8784	0.001833	0.000458	-0.05261	0.052643
34.88077	0.002443	0.001069	-0.05322	0.053287
34.88313	0.001833	0.000458	-0.05322	0.053254
34.88549	0.003054	0.000458	-0.05383	0.053919
34.88785	0.002443	-0.00137	-0.05322	0.053294
34.89022	0.003054	0.000458	-0.05322	0.05331
34.89258	0.002443	-0.00015	-0.05566	0.055717
34.89494	0.002443	0.001069	-0.05689	0.056948
34.89731	0.001222	-0.00137	-0.05566	0.055694
34.89967	0.000611	0.000458	-0.05566	0.055669
34.90203	0.001833	0.00168	-0.05689	0.056939
34.90439	-0.00061	0.000458	-0.05444	0.054447
34.90676	-0.00061	0.002291	-0.05322	0.053273

34.90912	-0.00061	0.002902	-0.05505	0.055132
34.91148	-0.00122	-0.00015	-0.05383	0.053845
34.91385	-0.00061	-0.00015	-0.05322	0.053224
34.91621	-0.00183	0.001069	-0.052	0.052042
34.91857	-0.00122	0.00168	-0.05383	0.053871
34.92093	-0.00061	-0.00015	-0.05383	0.053835
34.9233	-0.00061	-0.00199	-0.05261	0.05265
34.92566	-0.00183	-0.00137	-0.05383	0.05388
34.92802	-0.00244	-0.00015	-0.05017	0.050226
34.93038	-0.00183	0.000458	-0.05078	0.050812
34.93275	-0.00122	0.00168	-0.04833	0.048378
34.93511	0.001833	0.00168	-0.04589	0.045957
34.93747	0.001222	0.00168	-0.04589	0.045937
34.93984	0.001833	0.000458	-0.04345	0.043488
34.9422	0.001833	0.001069	-0.041	0.041058
34.94456	0.001833	0.000458	-0.03856	0.038606
34.94692	0.001222	0.00168	-0.03734	0.037396
34.94929	0.003665	0.003512	-0.03612	0.036471
34.95165	0.002443	0.001069	-0.03551	0.035606
34.95401	0.001222	0.00168	-0.03306	0.033127
34.95638	0.003054	0.00168	-0.03001	0.03021
34.95874	0.001222	0.000458	-0.03123	0.031257
34.9611	-0.00061	0.002291	-0.02818	0.028275
34.96346	0.002443	0.00168	-0.02573	0.025902
34.96583	0.002443	0.002291	-0.02512	0.025343
34.96819	0.002443	0.002291	-0.02451	0.024738
34.97055	0.003054	0.001069	-0.02023	0.020491
34.97292	0.002443	0.00168	-0.01962	0.019846
34.97528	0.002443	0.001069	-0.02146	0.021621
34.97764	0.001833	0.000458	-0.01901	0.019106
34.98	0.001833	-0.00015	-0.0184	0.018493
34.98237	0.001222	0.001069	-0.01474	0.014826
34.98473	0.001222	0.00168	-0.01535	0.015487
34.98709	0	0.001069	-0.01107	0.011123
34.98946	-0.00061	0.002291	-0.01168	0.011921
34.99182	-0.00061	0.00168	-0.01046	0.010612
34.99418	-0.00183	0.001069	-0.0068	0.007119
34.99654	-0.00061	0.002902	-0.00496	0.005781
34.99891	-0.00061	0.00168	-0.00557	0.005854
35.00127	-0.00061	0.000458	-0.00374	0.003819
35.00363	-0.00061	0.002902	-0.00496	0.005781
35.006	0.000611	0.003512	-0.00496	0.006111
35.00836	0	0.002291	-0.00435	0.004918
35.01072	-0.00061	0.004734	-0.00435	0.00646
35.01308	0.001833	0.004123	-0.00618	0.007656
35.01545	0.001833	0.004734	-0.00741	0.008979
35.01781	0.002443	0.003512	-0.00252	0.004965
35.02017	0.003054	-0.00137	-7.6E-05	0.00335
35.02254	0.001222	0.00168	-0.00252	0.003265
35.0249	0.000611	0.002902	-7.6E-05	0.002966
35.02726	0.000611	0.002902	0.001756	0.003446
35.02962	0.001833	0.00168	-7.6E-05	0.002487

35.03199	0.002443	-0.00015	-0.00252	0.003513
35.03435	0.001222	-0.00076	-7.6E-05	0.001443
35.03671	-0.00061	-0.00137	-0.0013	0.001987
35.03907	0.001833	-0.00137	0.000534	0.002352
35.04144	0.004887	0.000458	-7.6E-05	0.004909
35.0438	0.005498	0.000458	-7.6E-05	0.005517
35.04616	0.004276	-0.00137	-0.00069	0.004544
35.04853	0.004887	-0.00137	-0.00252	0.005667
35.05089	0.003054	0.000458	-0.00252	0.003986
35.05325	0.001833	0.000458	-0.00374	0.004191
35.05561	0.001833	0.000458	-0.00313	0.003656
35.05798	0.001833	0.000458	-0.00374	0.004191
35.06034	0.000611	0.001069	-0.00191	0.002272
35.0627	0	-0.00015	-0.00435	0.004355
35.06507	0.000611	0.001069	-0.00741	0.007508
35.06743	0.000611	0.001069	-0.00924	0.009321
35.06979	0.000611	0.001069	-0.01168	0.011747
35.07215	0	0.00168	-0.01046	0.010595
35.07452	0.000611	-0.00199	-0.01046	0.010665
35.07688	0	-0.00137	-0.01107	0.011157
35.07924	0	0.000458	-0.01107	0.011081
35.08161	-0.00183	0.002902	-0.01046	0.011009
35.08397	0	0.00168	-0.00985	0.009992
35.08633	0.001222	0.001069	-0.0068	0.006987
35.08869	0.001222	0.003512	-0.00863	0.009396
35.09106	0	0.002291	-0.00985	0.010113
35.09342	0.001222	0.003512	-0.00802	0.008838
35.09578	0.001222	0.004734	-0.00435	0.006546
35.09815	0	0.005345	-0.00191	0.005676
35.10051	0	0.000458	-0.00496	0.004984
35.10287	-0.00122	-0.00565	-0.00863	0.010386
35.10523	0.002443	-0.00382	-0.01046	0.011401
35.1076	0.003054	0.004734	-0.01046	0.011881
35.10996	-0.00122	0.009621	-0.00863	0.012981
35.11232	-0.00367	0.006567	-0.00863	0.011445
35.11469	-0.00244	0.00168	-0.0129	0.01324
35.11705	-0.00061	-0.00015	-0.01351	0.01353
35.11941	0.004276	-0.00076	-0.01229	0.013038
35.12177	0.006108	-0.00076	-0.01107	0.012668
35.12414	0.004887	0.001069	-0.00985	0.011047
35.1265	0.003665	0.002902	-0.00802	0.009281
35.12886	0.003054	0.002902	-0.01046	0.011277
35.13123	0.004276	0.003512	-0.01351	0.014604
35.13359	0.001833	0.00168	-0.01596	0.016151
35.13595	0	0.003512	-0.02146	0.021742
35.13831	0.001222	0.009621	-0.0239	0.025792
35.14068	-0.00183	0.010843	-0.02512	0.027422
35.14304	-0.00061	0.007177	-0.02695	0.0279
35.1454	0.001833	0.002291	-0.02695	0.027113
35.14777	0.003665	-0.00076	-0.02512	0.025399
35.15013	0.005498	-0.00199	-0.02634	0.026983
35.15249	0.005498	-0.00076	-0.02634	0.026921

35.15485	0.006108	0.001069	-0.02695	0.027658
35.15722	0.004887	0.000458	-0.02451	0.024997
35.15958	0.006719	0.000458	-0.02329	0.024243
35.16194	0.006108	-0.00015	-0.02146	0.022309
35.1643	0.004276	-0.00137	-0.01962	0.020131
35.16667	0.004887	-0.00076	-0.02023	0.02083
35.16903	0.004887	-0.00076	-0.0184	0.019055
35.17139	0.003054	-0.00076	-0.01718	0.017466
35.17376	0.004276	-0.00199	-0.01474	0.015472
35.17612	0.002443	-0.00199	-0.01046	0.010924
35.17848	0.001222	0.000458	-0.00985	0.009936
35.18084	0	0.002902	-0.01107	0.011445
35.18321	0	0.00168	-0.00802	0.008191
35.18557	-0.00367	0.00168	-0.00496	0.006394
35.18793	-0.00305	0.002902	-0.00618	0.007483
35.1903	0.000611	0.004123	-0.00496	0.006481
35.19266	-0.00183	0.002291	-0.00252	0.003867
35.19502	-0.00183	-0.00199	-0.00557	0.006194
35.19738	-0.00061	0.00168	-0.0013	0.002209
35.19975	0.000611	0.003512	-0.00191	0.004044
35.20211	0.003665	0.003512	-0.00374	0.006306
35.20447	0.003054	-0.00015	-0.00435	0.005319
35.20684	0.003054	0.000458	-0.0068	0.007465
35.2092	0.004276	0.00168	-0.0068	0.008203
35.21156	0.003665	0.00168	-0.00618	0.007383
35.21392	0.004276	0.002902	-0.00924	0.010586
35.21629	0.003665	0.004123	-0.01535	0.016309
35.21865	0.001833	0.002902	-0.0184	0.018719
35.22101	0.001833	0.00168	-0.02146	0.0216
35.22338	0.001833	0.002902	-0.01901	0.01932
35.22574	0.001833	0.001069	-0.01718	0.017311
35.2281	0.001833	-0.00076	-0.01718	0.017294
35.23046	-0.00061	-0.00076	-0.01718	0.017208
35.23283	0.001833	0.002291	-0.01596	0.016226
35.23519	0.001833	0.004123	-0.01351	0.014248
35.23755	0.001833	0.002902	-0.01413	0.014537
35.23992	0.003665	0.002902	-0.01474	0.01546
35.24228	0.000611	0.000458	-0.01657	0.016587
35.24464	0.000611	0.000458	-0.01657	0.016587
35.247	0.000611	0.002291	-0.01657	0.016738
35.24937	0.002443	0.004123	-0.01657	0.017248
35.25173	0.002443	0.004734	-0.01718	0.017987
35.25409	0.003665	0.002291	-0.01657	0.017124
35.25646	0.002443	0.001069	-0.01901	0.019199
35.25882	0.003054	0.002291	-0.02023	0.020591
35.26118	0.001833	0.001069	-0.02023	0.020345
35.26354	0.002443	0.000458	-0.01657	0.016755
35.26591	0.002443	-0.00076	-0.0184	0.018579
35.26827	0.004887	0.003512	-0.01718	0.018204
35.27063	0.003054	0.004123	-0.01596	0.016763
35.27299	0.001833	0.003512	-0.01474	0.01526
35.27536	0.001833	0.002291	-0.0129	0.013233

35.27772	0.003054	0.000458	-0.01168	0.012084
35.28008	0.002443	0.001069	-0.01107	0.011388
35.28245	0.002443	0.003512	-0.01229	0.013017
35.28481	0.000611	0.00168	-0.01046	0.010612
35.28717	0.000611	0.000458	-0.01229	0.012317
35.28953	0.000611	0.001069	-0.01168	0.011747
35.2919	0.003054	0.00168	-0.01168	0.012191
35.29426	0.002443	0.002291	-0.01229	0.012741
35.29662	0.001222	0.004734	-0.01657	0.017276
35.29899	0	0.004734	-0.02085	0.021376
35.30135	-0.00061	0.003512	-0.02268	0.022956
35.30371	0.000611	0.005345	-0.02268	0.023307
35.30607	0	0.004734	-0.02085	0.021376
35.30844	0	0.003512	-0.01901	0.019334
35.3108	0	0.000458	-0.01718	0.017186
35.31316	0.001222	-0.00015	-0.01901	0.019052
35.31553	0.001833	0.00168	-0.01596	0.016151
35.31789	0.001222	0.00168	-0.01657	0.016699
35.32025	0.001833	0.00168	-0.01413	0.014343
35.32261	0.003054	-0.00137	-0.01413	0.014517
35.32498	0.003054	-0.00076	-0.01168	0.012099
35.32734	0.001833	-0.00076	-0.00985	0.010048
35.3297	0.002443	0.002291	-0.01046	0.010984
35.33207	0.000611	-0.00137	-0.00924	0.009361
35.33443	0.000611	-0.00382	-0.00618	0.007294
35.33679	0.000611	0.000458	-0.00496	0.005022
35.33915	0.001222	0.001069	-0.00557	0.005806
35.34152	0.001222	0.002291	-0.00374	0.004554
35.34388	0.001833	0.001069	-0.0013	0.002487
35.34624	-0.00122	0.000458	0.001145	0.001736
35.34861	-0.00183	0.00168	0.002367	0.003433
35.35097	-0.00061	0.004123	0.002978	0.005123
35.35333	0	0.002902	0.006643	0.007249
35.35569	-0.00061	-0.00015	0.007865	0.00789
35.35806	0.001222	-0.00015	0.007254	0.007358
35.36042	0.000611	-0.00076	0.00481	0.004909
35.36278	0.001833	-0.00076	0.0042	0.004645
35.36515	0.003054	-0.00076	0.002367	0.003939
35.36751	0.003054	-0.00137	0.000534	0.003392
35.36987	0.002443	-0.00015	0.003589	0.004344
35.37223	0.003054	-0.0026	0.0042	0.005806
35.3746	0.003665	-0.00199	0.006032	0.007332
35.37696	0.003054	-0.00199	0.007865	0.008667
35.37932	0.003054	-0.00076	0.007865	0.008471
35.38169	0.003054	-0.00015	0.009086	0.009587
35.38405	0.004276	-0.0026	0.012141	0.013131
35.38641	0.001222	0.000458	0.01153	0.011603
35.38877	0	0.001069	0.012751	0.012796
35.39114	0.000611	0.002902	0.012141	0.012497
35.3935	0.000611	0.00168	0.010308	0.010462
35.39586	0.000611	-0.00015	0.010308	0.010327
35.39822	0.000611	-0.00137	0.008476	0.008608

35.40059	0.000611	-0.00137	0.007254	0.007408
35.40295	0.000611	0.001069	0.006032	0.006156
35.40531	0	-0.00199	0.003589	0.004101
35.40768	-0.00061	-0.00137	0.005421	0.005626
35.41004	0.001222	0.000458	0.005421	0.005576
35.4124	0.003054	-0.00076	0.007254	0.007908
35.41476	0.003665	-0.00137	0.005421	0.006687
35.41713	0.002443	0.000458	0.002978	0.003879
35.41949	0.004276	0.00168	0.005421	0.007106
35.42185	0.004887	0.00168	0.008476	0.009927
35.42422	0.003665	0.001069	0.007865	0.008742
35.42658	0.003665	0.001069	0.009697	0.010422
35.42894	0.003054	0.000458	0.007254	0.007884
35.4313	0.003054	-0.00137	0.007254	0.00799
35.43367	0.003665	0.00168	0.007865	0.008838
35.43603	0.002443	-0.00137	0.007254	0.007777
35.43839	0.003665	-0.00321	0.007865	0.00925
35.44076	0.003054	-0.00015	0.009086	0.009587
35.44312	0.001833	-0.00076	0.009697	0.009898
35.44548	0.003665	0.000458	0.010919	0.011527
35.44784	0.004887	-0.00443	0.01153	0.013283
35.45021	0.003054	-0.00137	0.009697	0.010259
35.45257	0.001222	-0.00199	0.012751	0.012963
35.45493	0.001833	-0.00137	0.007254	0.007607
35.4573	0.002443	0.000458	0.001756	0.003044
35.45966	0.001833	0.00168	0.001145	0.002737
35.46202	0.000611	0.002291	-0.0013	0.002703
35.46438	0.001833	0.000458	-0.00191	0.002686
35.46675	0.002443	-0.00137	-0.00374	0.004675
35.46911	0.002443	-0.0026	-7.6E-05	0.003566
35.47147	0.003665	-0.00199	-0.00069	0.004224
35.47384	0.004887	-0.00199	-0.0013	0.005432
35.4762	0.005498	-0.00382	-0.0013	0.006818
35.47856	0.006719	-0.00504	-0.00191	0.008613
35.48092	0.005498	-0.00382	-0.00069	0.006728
35.48329	0.004887	-0.00748	0.001756	0.009108
35.48565	0.004276	-0.01115	0.00481	0.012872
35.48801	0.005498	-0.01359	0.010919	0.01828
35.49038	0.00733	-0.00809	0.01153	0.01588
35.49274	0.008552	-0.00504	0.003589	0.010555
35.4951	0.003665	-0.00382	-0.00435	0.006852
35.49746	-0.00061	-0.00015	-0.00496	0.005003
35.49983	-0.00367	-0.00199	0.0042	0.005917
35.50219	-0.00122	-0.00809	0.002978	0.00871
35.50455	0.001222	-0.00504	-0.00557	0.007613
35.50692	0.000611	-0.00076	-0.00802	0.008077
35.50928	-0.00183	0.002902	-0.0068	0.007613
35.51164	-0.00305	0.000458	-0.00741	0.008025
35.514	0	-0.0026	-0.00802	0.008427
35.51637	0.001833	-0.00382	-0.00741	0.008532
35.51873	0.002443	-0.00443	-0.00435	0.006673
35.52109	0.001833	-0.00137	-0.00741	0.007753

35.52345	0.000611	-0.00015	-0.00802	0.008042
35.52582	-0.00183	0.002291	-0.00863	0.009113
35.52818	0	0.000458	-0.01107	0.011081
35.53054	-0.00122	0.00168	-0.01413	0.014278
35.53291	0	0.000458	-0.01351	0.013523
35.53527	-0.00061	0.003512	-0.01413	0.014569
35.53763	0.002443	0.000458	-0.01657	0.016755
35.53999	-0.00061	0.000458	-0.0184	0.018418
35.54236	0	0.00168	-0.01718	0.017262
35.54472	0.001222	0.002291	-0.02146	0.021612
35.54708	-0.00122	0.00168	-0.02146	0.021556
35.54945	-0.00061	-0.00015	-0.02207	0.022076
35.55181	-0.00122	0.00168	-0.02207	0.022164
35.55417	-0.00122	0.001069	-0.0239	0.023954
35.55653	-0.00122	-0.00076	-0.02268	0.022723
35.5589	0.001222	-0.00137	-0.02451	0.024579
35.56126	-0.00061	0.001069	-0.02695	0.026982
35.56362	-0.00061	-0.00015	-0.03184	0.031847
35.56599	0	0.004123	-0.03795	0.038172
35.56835	0.001222	0.012064	-0.04161	0.043345
35.57071	-0.00122	0.006567	-0.04039	0.040941
35.57307	-0.00183	-0.00137	-0.03795	0.038018
35.57544	-0.00183	0.000458	-0.04161	0.041657
35.5778	-0.00183	0.004123	-0.04467	0.044896
35.58016	0.000611	0.00168	-0.04345	0.043483
35.58253	0	-0.0026	-0.04039	0.040476
35.58489	-0.00183	-0.00137	-0.03734	0.037408
35.58725	-0.00183	0.006567	-0.03673	0.037355
35.58961	-0.00367	0.005345	-0.03489	0.035491
35.59198	-0.00244	0.003512	-0.03306	0.033338
35.59434	-0.00305	0.002902	-0.03306	0.033329
35.5967	-0.00244	0.002291	-0.03001	0.030194
35.59907	0	0.002902	-0.03062	0.030756
35.60143	-0.00183	0.003512	-0.03184	0.032086
35.60379	-0.00183	0.003512	-0.03123	0.03148
35.60615	-0.00061	0.00168	-0.03184	0.031891
35.60852	-0.00061	0.002902	-0.03306	0.033195
35.61088	0	0.004123	-0.03123	0.031501
35.61324	0.001222	0.002902	-0.03062	0.03078
35.61561	-0.00183	0.002291	-0.02818	0.028328
35.61797	-0.00122	0.003512	-0.02634	0.026604
35.62033	0.001222	0.004123	-0.02756	0.027898
35.62269	0.000611	0.004734	-0.02634	0.026772
35.62506	-0.00122	0.004123	-0.02451	0.024885
35.62742	0.000611	0.003512	-0.02818	0.0284
35.62978	0	0.002291	-0.02695	0.027051
35.63214	0	0.002291	-0.02573	0.025834
35.63451	-0.00183	0.002902	-0.02634	0.026565
35.63687	0	0.000458	-0.02573	0.025736
35.63923	-0.00061	0.000458	-0.02512	0.025133
35.6416	-0.00183	0.00168	-0.0239	0.024028
35.64396	-0.00061	0.001069	-0.02329	0.023321

35.64632	-0.00244	0.004123	-0.02085	0.021389
35.64868	-0.00122	0.001069	-0.02023	0.020299
35.65105	0	0.002291	-0.02023	0.020364
35.65341	-0.00122	0.003512	-0.02085	0.021174
35.65577	0.000611	0.001069	-0.02023	0.020272
35.65814	0.000611	0.002291	-0.02146	0.021587
35.6605	-0.00122	0.002291	-0.02023	0.0204
35.66286	-0.00061	0.003512	-0.0184	0.018744
35.66522	0	0.001069	-0.01901	0.019043
35.66759	-0.00061	0.003512	-0.01779	0.018145
35.66995	0.000611	0.004734	-0.01596	0.016657
35.67231	-0.00122	0.003512	-0.01657	0.016981
35.67468	0	0.002291	-0.01413	0.01431
35.67704	0	0.00168	-0.0129	0.013013
35.6794	0	0.002291	-0.01168	0.011905
35.68176	0	0.00168	-0.01046	0.010595
35.68413	-0.00122	0.002291	-0.00924	0.009597
35.68649	-0.00122	0.003512	-0.00863	0.009396
35.68885	-0.00061	0.002902	-0.0068	0.007414
35.69122	-0.00122	0.00168	-0.0068	0.007106
35.69358	-0.00061	0.000458	-0.00496	0.005022
35.69594	-0.00122	0.001069	-0.00496	0.005222
35.6983	0	-0.00015	-0.00313	0.003134
35.70067	-0.00122	0.004123	-0.00313	0.005319
35.70303	-0.00183	0.002291	-0.00313	0.00429
35.70539	-0.00183	0.002902	-0.00374	0.005077
35.70776	-0.00122	0.002902	-0.00374	0.00489
35.71012	-0.00183	0.001069	-0.0013	0.002487
35.71248	-0.00061	0.001069	-0.00191	0.002272
35.71484	-0.00061	0.001069	-0.00069	0.00141
35.71721	0.001222	0.001069	-0.00191	0.002506
35.71957	0	0.001069	-0.00191	0.002188
35.72193	-0.00061	0.00168	-0.00069	0.001915
35.7243	0.001222	0.00168	-0.00191	0.002821
35.72666	0	0.002902	-0.00069	0.002982
35.72902	-0.00122	-0.00015	-7.6E-05	0.001234
35.73138	-0.00244	0.000458	-7.6E-05	0.002487
35.73375	-0.00061	0.001069	0.000534	0.001342
35.73611	-0.00122	0.001069	0.000534	0.001709
35.73847	-0.00061	0.002291	-7.6E-05	0.002372
35.74084	-0.00061	0.002291	-0.00069	0.002468
35.7432	-0.00122	0.00168	0.002978	0.003631
35.74556	-0.00061	0.002291	0.000534	0.00243
35.74792	0	0.00168	-7.6E-05	0.001682
35.75029	-0.00183	0.00168	-7.6E-05	0.002487
35.75265	0	0.00168	0.000534	0.001763
35.75501	0.000611	0.001069	0.001145	0.001682
35.75737	0	0.001069	-7.6E-05	0.001072
35.75974	0.000611	0.000458	0.000534	0.000932
35.7621	-0.00122	0.00168	0.001145	0.002372
35.76446	0.000611	0.002291	0.001756	0.00295
35.76683	-0.00061	0.004123	0.001756	0.004523

35.76919	-0.00122	0.002291	0.001756	0.003134
35.77155	-0.00122	0.002291	0.002978	0.003951
35.77391	0	0.000458	0.003589	0.003618
35.77628	0.000611	0.000458	0.001145	0.001377
35.77864	0	0.002291	0.001145	0.002561
35.781	0	0.002902	0.002367	0.003745
35.78337	-0.00061	0.001069	-0.00069	0.00141
35.78573	0	0.001069	-7.6E-05	0.001072
35.78809	-0.00061	0.00168	-0.00069	0.001915
35.79045	-0.00122	0.000458	0.001145	0.001736
35.79282	-0.00244	0.00168	0.000534	0.003013
35.79518	0	0.00168	-7.6E-05	0.001682
35.79754	0	0.001069	0.001145	0.001567
35.79991	0.000611	0.000458	0.001145	0.001377
35.80227	0	0.001069	-7.6E-05	0.001072
35.80463	-0.00122	0.00168	0.000534	0.002145
35.80699	-0.00122	0.00168	0.001145	0.002372
35.80936	-0.00122	0.001069	0.001145	0.001987
35.81172	-0.00061	0.001069	-7.6E-05	0.001234
35.81408	-0.00061	0.001069	0.001756	0.002145
35.81645	-0.00061	0.00168	-0.00069	0.001915
35.81881	0	0.000458	0.002367	0.002411
35.82117	0	0.00168	0.001756	0.00243
35.82353	0	0.00168	-0.00069	0.001815
35.8259	-0.00061	0.000458	0.001145	0.001377
35.82826	-0.00122	0.00168	0.001145	0.002372
35.83062	-0.00183	0.001069	0.001756	0.002754
35.83299	-0.00244	0.002902	-0.0013	0.004009
35.83535	-0.00122	0.00168	-0.00069	0.002188
35.83771	-0.00244	0.000458	0.000534	0.002543
35.84007	-0.00183	0.001069	0.001756	0.002754
35.84244	-0.00244	0.002902	0.001756	0.00418
35.8448	0.000611	0.002902	0.000534	0.003013
35.84716	0.001222	0.003512	-0.00069	0.003782
35.84953	0	0.003512	0.000534	0.003553
35.85189	-0.00305	0.001069	0.001756	0.003682
35.85425	0	0.00168	0.001145	0.002033
35.85661	-0.00061	0.002291	0.001756	0.00295
35.85898	-0.00122	0.003512	0.000534	0.003757
35.86134	-0.00183	0.001069	-0.00069	0.00223
35.8637	-0.00122	0.000458	-0.00069	0.001475
35.86606	-0.00183	0.000458	-7.6E-05	0.00189
35.86843	-0.00183	0.001069	-7.6E-05	0.002123
35.87079	-0.00061	-0.00137	-0.00069	0.001654
35.87315	-0.00122	0.001069	-0.00069	0.001763
35.87552	-0.00061	0.003512	-0.00191	0.004044
35.87788	0	0.00168	-0.00191	0.002543
35.88024	0	0.00168	-0.00374	0.004101
35.8826	-0.00305	0.001069	-0.00374	0.004947
35.88497	-0.00489	-0.00076	-0.00435	0.006588
35.88733	-0.00244	0.00168	-0.00618	0.006859
35.88969	-0.00183	0.002291	-0.00802	0.008537

35.89206	0	0.001069	-0.00985	0.009908
35.89442	-0.00183	0.000458	-0.01168	0.011834
35.89678	0	0.002291	-0.0129	0.013106
35.89914	0.000611	0.00168	-0.0129	0.013027
35.90151	-0.00122	0.001069	-0.0129	0.013006
35.90387	0	0.002902	-0.01596	0.01622
35.90623	0	0.002902	-0.01535	0.015619
35.9086	0.001222	0.00168	-0.01535	0.015487
35.91096	0.001833	0.002291	-0.01474	0.015026
35.91332	0	0.002902	-0.01474	0.01502
35.91568	0.001222	0.002291	-0.01413	0.014362
35.91805	-0.00122	0.002902	-0.01107	0.011511
35.92041	0	0.002291	-0.01046	0.010709
35.92277	-0.00122	0.002902	-0.00802	0.008613
35.92514	-0.00061	0.002902	-0.00802	0.008548
35.9275	0.001833	0.000458	-0.00741	0.007644
35.92986	0.000611	0.000458	-0.00618	0.006232
35.93222	-0.00122	0.002291	-0.00435	0.005068
35.93459	-0.00183	0.002291	-0.00496	0.005765
35.93695	-0.00122	0.00168	-0.00618	0.006524
35.93931	-0.00122	0.00168	-0.00191	0.002821
35.94168	-0.00061	0.000458	-0.00313	0.003222
35.94404	0.001222	0.000458	-0.00313	0.003392
35.9464	-0.00122	0.001069	-0.00557	0.005806
35.94876	-0.00061	-0.00015	-0.00069	0.000932
35.95113	0	-0.00015	-0.00313	0.003134
35.95349	0.000611	-0.00015	-0.00191	0.00201
35.95585	0	0.002291	-0.00069	0.002392
35.95822	-0.00122	0.002291	-0.00069	0.002686
35.96058	0	0.001069	-0.0013	0.001682
35.96294	-0.00061	0.000458	-0.00069	0.001027
35.9653	-0.00122	-0.00076	-0.0013	0.001939
35.96767	-0.00061	-0.00015	-0.00069	0.000932
35.97003	-0.00061	0.002291	0.000534	0.00243
35.97239	-0.00061	0.000458	-7.6E-05	0.000767
35.97476	-0.00183	-0.00015	-7.6E-05	0.00184
35.97712	-0.00183	0.001069	0.001756	0.002754
35.97948	-0.00122	-0.00076	0.000534	0.001537
35.98184	-0.00061	-0.00015	0.001756	0.001866
35.98421	-0.00122	0.000458	0.000534	0.00141
35.98657	-0.00367	0.001069	-0.00069	0.003879
35.98893	-0.00183	0.000458	-7.6E-05	0.00189
35.99129	-0.00183	-0.00015	-0.00069	0.001963
35.99366	-0.00122	-0.00015	0.001145	0.001682
35.99602	-0.00061	0.001069	-7.6E-05	0.001234
35.99838	0.001222	0.000458	0.000534	0.00141
36.00075	0	-0.00137	0.001756	0.00223
36.00311	0	0.001069	-7.6E-05	0.001072
36.00547	0	0.001069	0.000534	0.001195
36.00783	-0.00122	0.001069	0.000534	0.001709
36.0102	-0.00183	0.001069	0.001756	0.002754
36.01256	0.000611	0.001069	-0.00069	0.00141

36.01492	-0.00061	0.002902	-7.6E-05	0.002966
36.01729	0	0.00168	0.001145	0.002033
36.01965	0.000611	0.001069	0.000534	0.001342
36.02201	-0.00061	0.00168	0.002367	0.002966
36.02437	-0.00183	0.002291	0.000534	0.002982
36.02674	-0.00061	0.000458	0.000534	0.000932
36.0291	-0.00061	0.001069	-0.00069	0.00141
36.03146	0	0.004123	-0.00069	0.00418
36.03383	0	-0.00015	-0.00069	0.000704
36.03619	0.000611	0.001069	-0.00069	0.00141
36.03855	-0.00061	0.00168	0.000534	0.001866
36.04091	0	0.00168	0.001145	0.002033
36.04328	-0.00061	0.001069	0.002367	0.002668
36.04564	0.001833	0.001069	0.002367	0.003179
36.048	0.001833	0.001069	0.001145	0.002411
36.05037	-0.00122	0.001069	-0.0013	0.002079
36.05273	0.000611	0.001069	-7.6E-05	0.001234
36.05509	0.000611	0.000458	0.001756	0.001915
36.05745	-0.00061	0.000458	0.002367	0.002487
36.05982	0.001833	0.002902	0.002978	0.004544
36.06218	0.000611	0.00168	-0.00069	0.001915
36.06454	-0.00061	0.000458	0.002367	0.002487
36.06691	0.000611	0.000458	0.001756	0.001915
36.06927	-0.00061	0.002902	0.002978	0.004202
36.07163	-0.00061	0.003512	0.000534	0.003605
36.07399	0	0.001069	0.001145	0.001567
36.07636	-0.00061	0.001069	0.001756	0.002145
36.07872	0	0.001069	0.001756	0.002056
36.08108	-0.00061	0.002902	-7.6E-05	0.002966
36.08345	-0.00183	0.00168	-7.6E-05	0.002487
36.08581	-0.00061	0.00168	0.000534	0.001866
36.08817	0.000611	0.001069	-7.6E-05	0.001234
36.09053	0	0.002902	0.000534	0.00295
36.0929	-0.00122	0.002291	-7.6E-05	0.002597
36.09526	-0.00183	0.00168	-0.00069	0.002579
36.09762	-0.00244	-0.00015	-7.6E-05	0.002449
36.09998	-0.00122	0.001069	0.001145	0.001987
36.10235	0	0.00168	0.000534	0.001763
36.10471	-0.00183	0.00168	-7.6E-05	0.002487
36.10707	-0.00122	0.001069	0.001145	0.001987
36.10944	0	0.001069	0.001145	0.001567
36.11118	-0.00061	0.000458	0.001145	0.001377
36.11416	-0.00122	0.000458	0.002367	0.002703
36.11652	-0.00183	0.00168	0.001756	0.003044
36.11889	-0.00183	0.002902	0.002978	0.004544
36.12125	-0.00061	0.002291	0.002367	0.00335
36.12361	-0.00122	0.003512	0.001756	0.004113
36.12598	-0.00122	0.002902	0.001145	0.00335
36.12834	-0.00183	0.00168	0.001145	0.002737
36.1307	-0.00122	0.002902	-7.6E-05	0.003149
36.13306	-0.00244	0.001069	0.001145	0.002903
36.13543	-0.00183	0.00168	0.002978	0.003879

36.13779	-0.00122	0.002291	0.000534	0.002651
36.14015	0.000611	0.00168	0.002367	0.002966
36.14252	0.001833	0.002291	-0.00069	0.003013
36.14488	-0.00061	0.00168	0.001756	0.002506
36.14724	-0.00122	0.002291	0.000534	0.002651
36.1496	-0.00183	0.00168	-7.6E-05	0.002487
36.15197	-0.00122	0.002291	0.001756	0.003134
36.15433	-0.00061	0.000458	0.000534	0.000932
36.15669	-0.00061	0.002902	0.000534	0.003013
36.15906	-0.00061	0.002291	-0.00191	0.003044
36.16142	-0.00244	0.00168	-0.0013	0.003237
36.16378	-0.00183	0.002902	-0.0013	0.003669
36.16614	0	0.000458	-7.6E-05	0.000464
36.16851	0.001222	0.002291	-0.00191	0.003222
36.17087	0.001222	0.002291	-0.00191	0.003222
36.17323	-0.00122	0.003512	-0.00252	0.004492
36.1756	-0.00061	0.00168	-0.00313	0.003605
36.17796	-0.00061	0.002291	-0.00618	0.006624
36.18032	0	0.002291	-0.00741	0.007753
36.18268	0	0.003512	-0.01107	0.011615
36.18505	0	0.002291	-0.0129	0.013106
36.18741	0.001222	0.00168	-0.01229	0.012468
36.18977	0	0.000458	-0.01413	0.014133
36.19214	0.000611	0.002902	-0.01474	0.015032
36.1945	0	0.002291	-0.01596	0.016122
36.19686	0.001222	0.00168	-0.01596	0.016093
36.19922	0	0.003512	-0.01413	0.014556
36.20159	0.001833	0.003512	-0.01413	0.014671
36.20395	0.002443	0.002291	-0.01474	0.015112
36.20631	0.002443	0.002291	-0.01474	0.015112
36.20868	0.001833	0.003512	-0.01657	0.017036
36.21104	0.002443	0.004123	-0.01962	0.0202
36.2134	0.000611	0.003512	-0.02207	0.022353
36.21576	0.000611	0.004734	-0.02207	0.022577
36.21813	0.000611	0.00168	-0.02268	0.022748
36.22049	0.001833	0.002902	-0.02329	0.02354
36.22285	0.002443	0.002291	-0.02268	0.022924
36.22521	0.003054	0.005345	-0.02268	0.023498
36.22758	0.002443	0.005345	-0.02085	0.021658
36.22994	0.004887	0.005345	-0.02023	0.021491
36.2323	-0.00061	0.004734	-0.01901	0.019603
36.23467	0.001222	0.005956	-0.0184	0.01938
36.23703	0.001833	0.004123	-0.01779	0.018354
36.23939	0.001833	0.004734	-0.01718	0.017914
36.24175	0.001222	0.004734	-0.01535	0.016107
36.24412	0.001222	0.003512	-0.01474	0.015199
36.24648	0.001222	0.003512	-0.01474	0.015199
36.24884	0	0.002902	-0.01413	0.014421
36.25121	-0.00061	0.00168	-0.01229	0.012423
36.25357	-0.00122	0.004123	-0.01046	0.01131
36.25593	-0.00244	0.003512	-0.00618	0.007521
36.25829	-0.00244	0.001069	-0.00313	0.004113

36.26066	-0.00244	0.000458	0.001145	0.002737
36.26302	-0.00061	0.004123	0.001756	0.004523
36.26538	-0.00061	0.00168	0.002367	0.002966
36.26775	-0.00061	0.002291	0.002978	0.003806
36.27011	-0.00183	0.00168	0.002367	0.003433
36.27247	-0.00305	-0.00076	0.003589	0.004774
36.27483	-0.00367	0.000458	0.003589	0.00515
36.2772	-0.00305	-0.00137	0.003589	0.004909
36.27956	-0.00305	-0.00199	0.006032	0.007047
36.28192	-0.00122	-0.00748	0.015806	0.01753
36.28429	-0.00061	-0.01542	0.042072	0.044814
36.28665	-0.00122	-0.01359	0.078112	0.079295
36.28901	-0.00489	0.010232	0.122704	0.123227
36.29137	-0.01588	0.048715	0.17035	0.177889
36.29374	-0.0281	0.070095	0.217996	0.230706
36.2961	-0.03665	0.082923	0.255258	0.27088
36.29846	-0.04032	0.098194	0.280303	0.299728
36.30083	-0.04642	0.100026	0.280303	0.301214
36.30319	-0.04276	0.084144	0.289465	0.304465
36.30555	-0.03909	0.068873	0.269918	0.281296
36.30791	-0.03848	0.073149	0.250371	0.263661
36.31028	-0.03971	0.111632	0.250371	0.276991
36.31264	-0.04826	0.165387	0.266253	0.317131
36.315	-0.06353	0.199594	0.31451	0.377876
36.31737	-0.07269	0.207535	0.367043	0.427873
36.31973	-0.07208	0.202649	0.419576	0.471493
36.32209	-0.05864	0.201427	0.476385	0.520532
36.32445	-0.04032	0.188599	0.546632	0.579656
36.32682	-0.02199	0.142175	0.640702	0.656656
36.32918	-0.00672	0.08109	0.726221	0.730765
36.33154	0.000611	0.037109	0.773256	0.774146
36.33391	0.015271	0.012675	0.805631	0.805876
36.33627	0.023212	-0.0368	0.846558	0.847675
36.33863	0.039094	-0.11438	0.896037	0.904153
36.34099	0.059252	-0.19257	0.943683	0.964951
36.34336	0.081243	-0.25854	1.004767	1.040674
36.34572	0.082464	-0.21212	1.045083	1.069576
36.34808	0.05803	-0.05574	1.053635	1.056703
36.35044	0.012217	0.059099	1.019428	1.021213
36.35281	-0.0226	0.070706	0.983999	0.986794
36.35517	-0.02871	0.021227	0.965673	0.966333
36.35753	-0.00916	-0.06674	0.949791	0.952177
36.3599	0.006719	-0.1266	0.921081	0.929765
36.36226	-0.01283	-0.13637	0.864273	0.875059
36.36462	-0.05681	-0.10705	0.800744	0.809863
36.36698	-0.0843	-0.09911	0.803799	0.814261
36.36935	-0.06292	-0.07101	0.820292	0.82576
36.37171	-0.01771	-0.05024	0.817848	0.819581
36.37407	0.021991	-0.13332	0.828233	0.839182
36.37644	0.041538	-0.21761	0.901534	0.928356
36.3788	0.047646	-0.10705	0.99194	0.998836
36.38116	0.02138	0.039552	1.054857	1.055815

36.38352	-0.01283	0.065819	1.056689	1.058815
36.38589	-0.02443	0.028557	1.020649	1.021341
36.38825	0.005498	0.012675	1.001713	1.001808
36.39061	0.037262	-0.01909	1.001713	1.002588
36.39298	0.047035	-0.09361	1.004767	1.010214
36.39534	0.045814	-0.12782	1.011487	1.02056
36.3977	0.03604	-0.09667	1.004767	1.01005
36.40006	0.004276	-0.0704	0.983388	0.985914
36.40243	-0.02993	-0.07345	0.949791	0.953097
36.40479	-0.05131	-0.10705	0.914973	0.922642
36.40715	-0.05192	-0.15897	0.869159	0.885102
36.40952	-0.04826	-0.17058	0.812351	0.831468
36.41188	-0.04459	-0.10888	0.753098	0.762234
36.41424	-0.02932	-0.02092	0.695679	0.696611
36.4166	-0.00611	0.011453	0.640092	0.640223
36.41897	0.006719	-0.04841	0.566179	0.568285
36.42133	0.003665	-0.1437	0.466	0.487668
36.42369	0.006719	-0.1321	0.362767	0.386127
36.42606	0.042759	0.031611	0.277859	0.282902
36.42842	0.091627	0.164776	0.211277	0.283169
36.43078	0.124613	0.120184	0.133699	0.218742
36.43314	0.13683	-0.01237	0.046348	0.144995
36.43551	0.144771	-0.05269	-0.03734	0.15852
36.43787	0.155766	0.103691	-0.11492	0.219592
36.44023	0.153323	0.259457	-0.1986	0.360927
36.4426	0.134997	0.206314	-0.29817	0.386904
36.44496	0.142327	0.040774	-0.38186	0.409553
36.44732	0.174091	-0.05391	-0.41667	0.454787
36.44968	0.178367	-0.00199	-0.39163	0.43034
36.45205	0.127056	0.065208	-0.311	0.342221
36.45441	0.037262	0.065819	-0.21815	0.230888
36.45677	-0.05009	0.052991	-0.12897	0.148152
36.45913	-0.0959	0.057878	-0.06788	0.130977
36.4615	-0.10568	0.065208	-0.05689	0.136585
36.46386	-0.09468	0.06704	-0.07765	0.139603
36.46622	-0.07697	0.067651	-0.09964	0.142932
36.46859	-0.05803	0.078647	-0.11614	0.151792
36.47095	-0.03543	0.086588	-0.12774	0.158338
36.47331	-0.00611	0.068873	-0.14912	0.164373
36.47567	0.015882	0.048104	-0.16806	0.175528
36.47804	0.019547	0.049326	-0.18638	0.19379
36.4804	0.007941	0.056045	-0.19921	0.207098
36.48276	-0.00855	0.051769	-0.20471	0.211328
36.48513	-0.01894	0.034666	-0.20899	0.212686
36.48749	-0.02199	0.029779	-0.21082	0.214044
36.48985	-0.02627	0.034055	-0.2041	0.208581
36.49221	-0.0281	0.035887	-0.17722	0.182989
36.49458	-0.02443	0.018173	-0.13385	0.137272
36.49694	-0.02566	-0.00993	-0.08926	0.093403
36.4993	-0.0226	-0.00626	-0.07032	0.074131
36.50167	-0.01771	0.022449	-0.06116	0.067516
36.50403	-0.01283	0.021838	-0.0575	0.062827

36.50639	-0.01344	0.009621	-0.05627	0.058651
36.50875	-0.01649	0.018784	-0.05627	0.061576
36.51112	-0.01955	0.034055	-0.06238	0.073712
36.51348	-0.02016	0.035887	-0.0746	0.085202
36.51584	-0.01344	0.029168	-0.09415	0.099474
36.51821	-0.00916	0.026725	-0.11308	0.116559
36.52057	-0.00855	0.027335	-0.13752	0.140468
36.52293	-0.00977	0.026725	-0.16928	0.171656
36.52529	-0.01161	0.014508	-0.19494	0.19582
36.52766	-0.011	0.004734	-0.21998	0.220307
36.53002	-0.00916	0.002902	-0.24869	0.248877
36.53238	-0.00672	-0.00504	-0.27435	0.274475
36.53475	-0.00428	-0.00993	-0.28962	0.28982
36.53711	0.001833	-0.00321	-0.30245	0.302468
36.53947	0.001222	-0.00076	-0.31833	0.318331
36.54183	0.000611	-0.00626	-0.33787	0.337933
36.5442	-0.00244	-0.01237	-0.35376	0.353982
36.54656	-0.00183	-0.01298	-0.36597	0.366209
36.54892	-0.00061	-0.00809	-0.38063	0.380721
36.55129	0.000611	-0.00626	-0.38613	0.386183
36.55365	0.004887	-0.00504	-0.3898	0.38986
36.55601	0.006719	-0.00137	-0.3898	0.389857
36.55837	0.009774	-0.00626	-0.3898	0.38997
36.56074	0.00733	-0.01359	-0.38735	0.387661
36.5631	0.003665	-0.02275	-0.38735	0.388039
36.56546	0.003054	-0.03497	-0.39041	0.391983
36.56783	-0.00061	-0.04474	-0.39835	0.400854
36.57019	-0.00244	-0.05391	-0.40385	0.407436
36.57255	-0.00733	-0.06124	-0.41118	0.415776
36.57491	-0.00855	-0.06551	-0.41484	0.42007
36.57728	-0.01283	-0.06002	-0.41484	0.419357
36.57964	-0.00733	-0.0478	-0.41973	0.422505
36.582	-0.00183	-0.05207	-0.41973	0.42295
36.58436	-0.00305	-0.06979	-0.41912	0.424899
36.58673	-0.00489	-0.07223	-0.42217	0.428335
36.58909	-0.00916	-0.06063	-0.41667	0.421161
36.59145	-0.01894	-0.06735	-0.41301	0.418892
36.59382	-0.02993	-0.0814	-0.41179	0.420821
36.59618	-0.04215	-0.10766	-0.40079	0.417135
36.59854	-0.05498	-0.13087	-0.38063	0.406242
36.6009	-0.0617	-0.12843	-0.36414	0.391024
36.60327	-0.06353	-0.10216	-0.35192	0.37192
36.60563	-0.0562	-0.08995	-0.34276	0.358796
36.60799	-0.05314	-0.10461	-0.33604	0.355937
36.61036	-0.05803	-0.14309	-0.34643	0.379281
36.61272	-0.07513	-0.15653	-0.39163	0.428393
36.61508	-0.07575	-0.07956	-0.45455	0.467633
36.61744	-0.04887	0.011453	-0.51563	0.518069
36.61981	-0.01771	0.024281	-0.55839	0.559199
36.62217	-0.00794	-0.02092	-0.57549	0.575929
36.62453	-0.02138	-0.05207	-0.57977	0.582497
36.6269	-0.03787	-0.05391	-0.57611	0.57986

36.62926	-0.04642	-0.05818	-0.56267	0.567569
36.63162	-0.04642	-0.04413	-0.56083	0.56448
36.63398	-0.03115	0.002902	-0.56755	0.568415
36.63635	-0.01161	0.036498	-0.57611	0.577377
36.63871	-0.00183	0.024281	-0.58588	0.586385
36.64107	-0.0171	-0.00748	-0.59138	0.591671
36.64344	-0.03237	-0.02275	-0.60543	0.606718
36.6458	-0.03665	-0.00382	-0.61215	0.613253
36.64816	-0.03299	0.017562	-0.61153	0.612675
36.65052	-0.02566	0.023059	-0.61459	0.615556
36.65289	-0.01283	0.034055	-0.62436	0.625422
36.65525	-0.00183	0.057267	-0.63475	0.637327
36.65761	-0.00244	0.043828	-0.63658	0.638091
36.65998	-0.01038	0.021227	-0.61825	0.618705
36.66234	-0.01405	0.024892	-0.60054	0.601219
36.6647	-0.00733	0.031611	-0.59321	0.594096
36.66706	0.00733	0.041385	-0.57977	0.581292
36.66943	0.015271	0.054824	-0.55839	0.561283
36.67179	0.019547	0.061543	-0.53029	0.534209
36.67415	0.016493	0.043217	-0.49242	0.494587
36.67652	0.013439	0.027946	-0.45455	0.455603
36.67888	0.010384	0.043828	-0.42095	0.423353
36.68124	0.003665	0.074371	-0.3733	0.380658
36.6836	0.004887	0.061543	-0.32627	0.332058
36.68597	0.011606	0.024281	-0.29573	0.296948
36.68833	0.014049	0.021227	-0.27984	0.281
36.69069	0.009163	0.046883	-0.26824	0.272459
36.69306	-0.00367	0.05971	-0.24991	0.256973
36.69542	-0.01588	0.063375	-0.23586	0.244745
36.69778	-0.01466	0.056045	-0.23647	0.243467
36.70014	-0.00305	0.05238	-0.24442	0.249984
36.70251	0.009163	0.057267	-0.23953	0.246449
36.70487	0.009774	0.043828	-0.22242	0.226912
36.70723	0.010384	0.014508	-0.2096	0.210355
36.70959	0.013439	0.014508	-0.20593	0.206879
36.71196	0.011606	0.05971	-0.19127	0.200711
36.71432	0.001222	0.1098	-0.17295	0.204861
36.71668	-0.00733	0.104913	-0.16867	0.198771
36.71905	0.003054	0.038331	-0.17111	0.175381
36.72141	0.029932	-0.03436	-0.17417	0.18003
36.72377	0.048257	-0.05391	-0.16867	0.183533
36.72613	0.051311	-0.03803	-0.15462	0.167291
36.7285	0.042148	-0.01726	-0.14607	0.153005
36.73086	0.034818	0.012675	-0.13935	0.144192
36.73322	0.025045	0.01634	-0.13263	0.13596
36.73559	0.017104	-0.02031	-0.1198	0.12271
36.73795	0.026877	-0.05696	-0.11125	0.127842
36.74031	0.039705	-0.0252	-0.09842	0.10908
36.74267	0.036651	0.035276	-0.0801	0.094886
36.74504	0.020158	0.060932	-0.05383	0.083766
36.7474	0.004887	0.051158	-0.03367	0.061441
36.74976	-0.00305	0.038942	-0.01779	0.042922

36.75213	-0.00183	0.032833	-0.00252	0.032981
36.75449	0.004887	0.025503	0.013362	0.029203
36.75685	0.01466	0.013897	0.031077	0.037065
36.75921	0.025656	0.005345	0.046959	0.053777
36.76158	0.034207	-0.00565	0.059787	0.069112
36.76394	0.032986	-0.02153	0.079945	0.089123
36.7663	0.027488	-0.02031	0.1056	0.110993
36.76867	0.015271	-0.01176	0.137364	0.13871
36.77103	0.008552	0.006567	0.166685	0.167033
36.77339	0.013439	0.020616	0.181345	0.183007
36.77575	0.015882	0.019394	0.186232	0.187912
36.77812	0.014049	0.005345	0.186843	0.187447
36.78048	0.009163	-0.00809	0.188065	0.188462
36.78284	0.004276	-0.01054	0.19173	0.192067
36.78521	0	-0.00626	0.189897	0.19
36.78757	0.003665	0.00168	0.192341	0.192383
36.78993	0.006108	0.003512	0.196006	0.196132
36.79229	0.009774	-0.00687	0.197838	0.198199
36.79466	0.00733	-0.02092	0.200892	0.202112
36.79702	0.004276	-0.02398	0.197227	0.198725
36.79938	0.005498	-0.01298	0.196616	0.197121
36.80175	0.008552	-0.00199	0.197227	0.197423
36.80411	0.009163	-0.00137	0.194784	0.195004
36.80647	0.004887	-0.00687	0.194173	0.194356
36.80883	0.003665	-0.00993	0.193562	0.193851
36.81112	0.000611	-0.00748	0.191119	0.191266
36.81356	0.002443	-0.00443	0.189286	0.189354
36.81592	0.002443	-0.00504	0.181956	0.182042
36.81828	0.005498	-0.01176	0.17768	0.178154
36.82065	0.006719	-0.02825	0.166685	0.169196
36.82301	0.010995	-0.0478	0.145916	0.153939
36.82537	0.017104	-0.04108	0.121482	0.129375
36.82774	0.015882	-0.00932	0.092772	0.094582
36.8301	0.015882	0.024892	0.061008	0.067778
36.83246	0.019547	0.02367	0.081777	0.087349
36.83482	0.010995	-0.00626	0.104379	0.105143
36.83719	-0.00305	-0.02092	0.111098	0.113092
36.83955	-0.00794	-0.00748	0.1056	0.106162
36.84191	-0.00367	0.006567	0.093383	0.093686
36.84428	0.000611	0.002291	0.08361	0.083643
36.84664	0.003665	-0.01542	0.073225	0.074922
36.849	0.007941	-0.02275	0.057343	0.062202
36.85136	0.006719	-0.01909	0.04757	0.051695
36.85373	0.000611	-0.00932	0.039629	0.040713
36.85609	-0.00183	-0.00809	0.029244	0.030399
36.85845	-0.00428	-0.0197	0.026801	0.033536
36.86082	0	-0.02642	0.021914	0.034325
36.86318	0.001222	-0.01481	0.023747	0.028015
36.86554	0.001222	-0.00687	0.029855	0.03066
36.8679	-0.00122	-0.00199	0.04085	0.040917
36.87027	-0.00122	-0.00137	0.046348	0.046385
36.87263	-0.00244	-0.00382	0.046348	0.046569

36.87499	-0.00183	-0.00504	0.042683	0.043018
36.87736	-0.00061	-0.00565	0.035353	0.035807
36.87972	-0.00183	-0.00199	0.023747	0.0239
36.88208	-0.00122	-0.00443	0.013362	0.01413
36.88444	-0.00061	-0.00687	0.007865	0.010462
36.88681	-0.00428	-0.00076	0.005421	0.006947
36.88917	-0.00733	0.007788	0.0042	0.01149
36.89153	-0.00672	0.004734	0.00481	0.009524
36.8939	-0.00672	-0.00321	0.003589	0.008265
36.89626	-0.00428	-0.00443	-7.6E-05	0.006156
36.89862	-0.0055	0.002902	-0.00374	0.007255
36.90098	-0.00794	0.007788	-0.00374	0.011735
36.90335	-0.01038	0.010232	-0.00374	0.015051
36.90571	-0.00977	0.004734	-0.00435	0.011699
36.90807	-0.00672	-0.00015	-0.00435	0.008007
36.91044	-0.0055	-0.00076	-0.00313	0.006372
36.9128	-0.00672	0.005956	-0.00191	0.00918
36.91516	-0.00733	0.009621	-0.00191	0.012245
36.91752	-0.00916	0.007788	-0.00374	0.012594
36.91989	-0.00794	0.002291	-0.00496	0.009641
36.92225	-0.00611	0.000458	-0.00374	0.007178
36.92461	-0.00489	0.002902	-0.00313	0.006488
36.92698	-0.0055	0.005345	-0.00252	0.008071
36.92934	-0.00672	0.004734	-0.00252	0.008597
36.9317	-0.00489	0.004123	-0.00069	0.006431
36.93406	-0.00489	0.002902	-0.0013	0.00583
36.93643	-0.00428	0.000458	-0.00313	0.005319
36.93879	-0.0055	0.00168	-0.00496	0.007595
36.94115	-0.00428	0.004734	-0.00252	0.006859
36.94351	-0.00244	0.003512	-0.00313	0.005302
36.94588	-0.00305	0.002902	-0.00252	0.004909
36.94824	-0.00305	-0.00076	0.000534	0.003193
36.9506	-0.00183	0.001069	-0.00069	0.00223
36.95297	-0.00244	0.002291	0.001145	0.00354
36.95533	-0.00183	0.004123	0.000534	0.004544
36.95769	-0.00183	0.002902	-0.0013	0.003669
36.96005	-0.00244	0.002291	-0.00069	0.003419
36.96242	-0.00367	0.003512	-0.00069	0.005123
36.96478	-0.00244	0.001069	-0.00069	0.002754
36.96714	-0.00122	0.001069	-0.00069	0.001763
36.96951	-0.00305	0.00168	-0.00069	0.003553
36.97187	-0.00244	0.00168	0.000534	0.003013
36.97423	-0.00061	0.00168	-7.6E-05	0.001789
36.97659	-0.00244	0.002291	-7.6E-05	0.00335
36.97896	-0.00061	0.003512	-0.00069	0.003631
36.98132	-0.00061	0.002291	-0.0013	0.002703
36.98368	0.001222	0.002291	-7.6E-05	0.002597
36.98605	-0.00183	0.002291	0.000534	0.002982
36.98841	-0.00244	0.000458	-0.00069	0.002579
36.99077	-0.00122	0.001069	-7.6E-05	0.001625
36.99313	0.000611	0.002902	0.001145	0.003179
36.9955	0.001833	0.002291	-0.00191	0.0035

36.99786	0.000611	0.000458	0.000534	0.000932
37.00022	-0.00061	0.001069	-7.6E-05	0.001234
37.00259	-0.00061	0.00168	0.001756	0.002506
37.00495	-0.00061	0.001069	0.001756	0.002145
37.00731	-0.00183	0.001069	0.001145	0.002411
37.00967	-0.00061	0.001069	-0.00069	0.00141
37.01204	0.000611	0.000458	0.001145	0.001377
37.0144	0.000611	0.00168	-0.00069	0.001915
37.01676	0	0.00168	0.000534	0.001763
37.01913	0	0.000458	-7.6E-05	0.000464
37.02149	-0.00244	0.001069	0.002367	0.003566
37.02385	-0.00183	0.000458	0.001145	0.002209
37.02621	-0.00122	0.00168	0.001145	0.002372
37.02858	-0.00183	0.00168	0.002978	0.003879
37.03094	-0.00122	0.001069	0.002367	0.00287
37.0333	0.000611	0.00168	0.001756	0.002506
37.03567	-0.00061	0.00168	0.000534	0.001866
37.03803	-0.00061	0.000458	0.002978	0.003074
37.04039	-0.00061	0.001069	0.001756	0.002145
37.04275	-0.00122	0.000458	0.002367	0.002703
37.04512	-0.00061	-0.00076	0.002367	0.002561
37.04748	-0.00244	0.001069	0.001145	0.002903
37.04984	-0.00183	-0.00076	0.002367	0.003089
37.05221	-0.00305	-0.00015	-7.6E-05	0.003059
37.05457	-0.00122	0.001069	0.001145	0.001987
37.05693	-0.00061	-0.00015	0.001145	0.001307
37.05929	0.000611	-0.00076	0.003589	0.00372
37.06166	-0.00061	-0.00076	0.000534	0.001114
37.06402	0	-0.00015	0.001145	0.001155
37.06638	0.000611	0.000458	0.001145	0.001377
37.06874	-0.00061	-0.00015	0.001145	0.001307
37.07111	0	-0.00076	0.001756	0.001915
37.07347	-0.00122	-0.00015	0.001145	0.001682
37.07583	0.000611	0.00168	0.002367	0.002966
37.0782	0.000611	0.001069	0.001145	0.001682
37.08056	-0.00061	0.00168	0.000534	0.001866
37.08292	0	0.001069	-0.00069	0.001271
37.08528	-0.00061	0.00168	0.001756	0.002506
37.08765	-0.00244	0.00168	0.002367	0.003794
37.09001	-0.00122	0.001069	0.002978	0.003392
37.09237	0	0.002291	0.002367	0.003294
37.09474	-0.00061	0.002291	0.001756	0.00295
37.0971	-0.00122	0.003512	0.002367	0.004408
37.09946	-0.00244	0.002291	0.000534	0.003392
37.10182	-0.00122	0.00168	0.000534	0.002145
37.10419	0	0.00168	0.002367	0.002903
37.10655	-0.00183	0.002291	0.001756	0.003419
37.10891	-0.00061	0.002291	0.002367	0.00335
37.11128	-0.00183	0.000458	0.001145	0.002209
37.11364	0	0.001069	0.001145	0.001567
37.116	-0.00061	0.00168	-0.00069	0.001915
37.11836	0	0.000458	0.001145	0.001234

37.12073	-0.00122	0.000458	0.002367	0.002703
37.12309	-0.00183	0.001069	-7.6E-05	0.002123
37.12545	-0.00183	0.000458	0.002367	0.003028
37.12782	-0.00122	0.000458	0.001145	0.001736
37.13018	-0.00183	-0.00015	0.000534	0.001915
37.13254	-0.00183	-0.00015	0.001145	0.002166
37.1349	-0.00122	0.000458	-0.00069	0.001475
37.13727	-0.00244	0.00168	0.001756	0.003446
37.13963	-0.00305	0.002902	0.001145	0.004366
37.14199	-0.00244	0.002291	0.001756	0.003782
37.14436	-0.00061	0.00168	0.001756	0.002506
37.14672	-0.00244	0.000458	0.000534	0.002543
37.14908	-0.00367	0.002291	0.001756	0.004665
37.15144	-0.00183	0.00168	-7.6E-05	0.002487
37.15381	-0.00122	0.001069	-0.00069	0.001763
37.15617	-0.00122	-0.00015	0.001756	0.002145
37.15853	-0.00122	0.002291	0.001145	0.002838
37.1609	-0.00061	0.002291	0.001756	0.00295
37.16326	-0.00183	0.000458	0.000534	0.001963
37.16562	-0.00244	0.000458	0.001145	0.002737
37.16798	-0.00305	0.001069	-0.00069	0.003308
37.17035	-0.00305	0.001069	-7.6E-05	0.003237
37.17271	-0.00183	0.001069	-7.6E-05	0.002123
37.17507	-0.00244	0.000458	0.002367	0.003433
37.17743	-0.00428	0.002291	-7.6E-05	0.004851
37.1798	-0.00122	0.001069	0.000534	0.001709
37.18216	-0.00122	0.000458	-7.6E-05	0.001307
37.18452	-0.00183	0.00168	0.001145	0.002737
37.18689	-0.00183	-0.00076	-0.00069	0.002101
37.18925	-0.00122	0.00168	0.000534	0.002145
37.19161	-0.00122	0.00168	0.000534	0.002145
37.19397	0	0.002291	0.001145	0.002561
37.19634	-0.00061	0.002291	0.001145	0.002633
37.1987	-0.00183	0.002902	0.001145	0.003618
37.20106	-0.00183	0.00168	0.001145	0.002737
37.20343	-0.00122	0.000458	0.001145	0.001736
37.20579	0	0.002902	0.001145	0.003119
37.20815	-0.00061	0.001069	0.002367	0.002668
37.21051	-0.00061	0.002291	0.002978	0.003806
37.21288	-0.00183	0.00168	0.002978	0.003879
37.21524	-0.00183	0.002291	0.002978	0.00418
37.2176	-0.00183	0.003512	0.000534	0.003998
37.21997	-0.00061	0.00168	0.000534	0.001866
37.22233	-0.00183	0.004123	0.001145	0.004655
37.22469	-0.00244	0.002902	0.000534	0.003831
37.22705	-0.00122	0.001069	0.000534	0.001709
37.22942	-0.00183	0.002902	0.001145	0.003618
37.23178	-0.00183	0.002291	0.002367	0.003769
37.23414	-0.00305	0.00168	-7.6E-05	0.003487
37.23651	-0.00244	0.00168	0.000534	0.003013
37.23887	0.000611	0.001069	0.000534	0.001342
37.24123	0.000611	0.00168	-0.00069	0.001915

37.24359	-0.00183	0.002291	0.001145	0.003149
37.24596	0	0.001069	0.003589	0.003745
37.24832	-0.00122	-0.00015	0.002367	0.002668
37.25068	-0.00061	0.00168	0.000534	0.001866
37.25305	-0.00244	0.00168	0.001756	0.003446
37.25541	-0.00183	0.000458	0.001756	0.002579
37.25777	-0.00061	0.002902	0.002367	0.003794
37.26013	-0.00122	0.00168	0.001756	0.00272
37.2625	-0.00305	0.000458	0.002367	0.003891
37.26486	0.004276	0.004123	0.002367	0.006394
37.26722	0.000611	0.002291	0.002367	0.00335
37.26959	-0.00183	0.002291	0.002367	0.003769
37.27195	-0.00183	0.002291	0.001756	0.003419
37.27431	0	0.001069	0.001145	0.001567
37.27667	0	0.000458	0.001756	0.001815
37.27904	0.000611	0.00168	0.001756	0.002506
37.2814	0.000611	0.002291	0.001145	0.002633
37.28376	-0.00061	0.001069	0.001145	0.001682
37.28613	-0.00061	-0.00076	0.000534	0.001114
37.28849	-0.00061	0.000458	-7.6E-05	0.000767
37.29085	-0.00183	0.001069	0.001145	0.002411
37.29321	-0.00122	0.00168	0.001756	0.00272
37.29558	0.000611	0.00168	0.001145	0.002123
37.29794	-0.00244	0.000458	0.001145	0.002737
37.3003	-0.00061	0.000458	0.001145	0.001377
37.30266	-0.00183	0.001069	0.000534	0.002188
37.30503	-0.00122	0.002291	0.001145	0.002838
37.30739	-0.00122	0.002902	-7.6E-05	0.003149
37.30975	-0.00122	0.00168	0.001756	0.00272
37.31212	0	0.002902	0.001145	0.003119
37.31448	0	0.002291	0.000534	0.002352
37.31684	0.000611	0.003512	0.000534	0.003605
37.3192	-0.00122	0.002291	0.001145	0.002838
37.32157	-0.00244	0.002902	0.001145	0.003962
37.32393	-0.00183	0.003512	0.001145	0.004124
37.32629	-0.00183	0.002291	0.001145	0.003149
37.32866	-0.00122	0.002902	0.001145	0.00335
37.33102	-0.00244	0.002291	0.001145	0.00354
37.33338	-0.00244	0.003512	0.001756	0.004625
37.33574	-0.00122	0.002291	0.003589	0.004429
37.33811	-0.00122	0.003512	0.000534	0.003757
37.34047	-0.00183	0.002902	-7.6E-05	0.003433
37.34283	-0.00061	0.002902	0.001145	0.003179
37.3452	-0.00122	0.00168	0.001756	0.00272
37.34756	-0.00183	0.002291	0.001756	0.003419
37.34992	-0.00122	0.00168	-7.6E-05	0.002079
37.35228	0.001222	0.002291	0.002367	0.003513
37.35465	0.001833	0.001069	0.002978	0.003656
37.35701	0	0.002291	0.001756	0.002886
37.35937	0.000611	-0.00076	0.001756	0.00201
37.36174	-0.00183	-0.00076	0.003589	0.004101
37.3641	-0.00122	0.000458	0.002978	0.003251

37.36646	-0.00061	0.000458	0.000534	0.000932
37.36882	-0.00122	0.001069	0.001145	0.001987
37.37119	-0.00305	0.00168	0.001756	0.003903
37.37355	-0.00122	0.000458	0.000534	0.00141
37.37591	-0.00061	0.001069	0.002367	0.002668
37.37828	-0.00061	0.002291	0.003589	0.004301
37.38064	0	0.001069	0.001756	0.002056
37.383	0	0.001069	0.001756	0.002056
37.38536	-0.00183	0.002291	0.003589	0.004635
37.38773	-0.00122	0.001069	0.002978	0.003392
37.39009	0	0.000458	0.001756	0.001815
37.39245	-0.00061	0.002291	0.001145	0.002633
37.39482	0	0.001069	0.001756	0.002056
37.39718	0.000611	0.00168	0.0042	0.004564
37.39954	-0.00061	0.000458	0.002367	0.002487
37.4019	-0.00122	0.001069	0.003589	0.003939
37.40427	-0.00061	0.002291	0.0042	0.004823
37.40663	-0.00122	0.002291	0.003589	0.004429
37.40899	0	0.003512	0.003589	0.005022
37.41135	-0.00122	0.002902	0.003589	0.004774
37.41372	-0.00061	0.00168	0.003589	0.004009
37.41608	-0.00061	0.002902	0.003589	0.004655
37.41844	-0.00061	0.001069	0.0042	0.004376
37.42081	0.000611	0.002291	0.00481	0.005363
37.42317	-0.00061	0.002291	0.00481	0.005363
37.42553	-0.00244	0.002902	0.006032	0.007126
37.42789	-0.00305	0.00168	0.002978	0.004585
37.43026	-0.00244	0.00168	0.003589	0.004655
37.43262	-0.00061	0.002902	0.003589	0.004655
37.43498	-0.00183	0.001069	0.002978	0.003656
37.43735	-0.00122	0.000458	0.003589	0.003819
37.43971	0.001222	0.00168	0.006032	0.00638
37.44207	0	0.001069	0.002367	0.002597
37.44443	0.000611	0.000458	0.003589	0.003669
37.4468	-0.00061	0.001069	0.00481	0.004965
37.44916	-0.00183	0.00168	0.00481	0.005415
37.45152	-0.00122	0.00168	0.002978	0.003631
37.45389	-0.00061	0.00168	0.001756	0.002506
37.45625	-0.00183	0.00168	0.0042	0.00488
37.45861	-0.00061	0.000458	0.0042	0.004268
37.46097	-0.00183	0.002291	0.003589	0.004635
37.46334	-0.00244	0.000458	0.002978	0.003879
37.4657	-0.00061	0.002902	0.002367	0.003794
37.46806	-0.00061	0.003512	0.0042	0.005509
37.47043	-0.00122	0.002902	0.002978	0.004333
37.47279	-0.00061	0.002291	0.002978	0.003806
37.47515	-0.00061	0.004123	0.001145	0.004323
37.47751	0.000611	0.002291	0.002978	0.003806
37.47988	0.001222	0.003512	0.001756	0.004113
37.48224	-0.00122	0.002902	0.002978	0.004333
37.4846	-0.00061	0.003512	0.002978	0.004645
37.48697	-0.00122	0.003512	0.001756	0.004113

37.48933	-0.00122	0.002291	0.002367	0.003513
37.49169	-0.00061	0.003512	0.001756	0.003974
37.49405	-0.00061	0.002902	0.003589	0.004655
37.49642	-0.00061	0.00168	0.001756	0.002506
37.49878	0.000611	0.00168	0.000534	0.001866
37.50114	0.000611	0.002902	0.002978	0.004202
37.50351	-0.00183	0.00168	0.001756	0.003044
37.50587	0.000611	0.000458	0.000534	0.000932
37.50823	-0.00061	0.000458	0.002367	0.002487
37.51059	-0.00061	0.00168	0.000534	0.001866
37.51296	-0.00061	0.002291	0.002978	0.003806
37.51532	0	0.00168	0.002367	0.002903
37.51768	0.001222	0.00168	0.001756	0.00272
37.52005	-0.00122	0.001069	0.001145	0.001987
37.52241	-0.00122	0.001069	0.002367	0.00287
37.52477	-0.00122	0.000458	0.001756	0.002188
37.52713	0	0.000458	0.001145	0.001234
37.5295	0.000611	0.000458	-7.6E-05	0.000767
37.53186	-0.00122	0.000458	0.000534	0.00141
37.53422	-0.00061	-0.00015	0.002367	0.002449
37.53658	-0.00122	-0.00015	-0.00069	0.00141
37.53895	-0.00122	0.000458	0.001756	0.002188
37.54131	-0.00183	0.002291	0.003589	0.004635
37.54367	-0.00244	0.002291	0.002978	0.004482
37.54604	0.001222	0.00168	0.002367	0.003149
37.5484	0	0.00168	-7.6E-05	0.001682
37.55076	-0.00122	-0.00015	0.002367	0.002668
37.55312	-0.00061	0.002291	0.001145	0.002633
37.55549	-0.00061	0.001069	0.001145	0.001682
37.55785	-0.00122	0.00168	-7.6E-05	0.002079
37.56021	0	0.00168	0.001756	0.00243
37.56258	0	0.00168	0.002367	0.002903
37.56494	-0.00061	0.00168	0.001145	0.002123
37.5673	-0.00122	0.002902	0.001145	0.00335
37.56966	-0.00061	0.00168	0.002978	0.003473
37.57203	0	0.00168	0.002978	0.003419
37.57439	0	0.000458	0.000534	0.000704
37.57675	0	0.001069	-7.6E-05	0.001072
37.57912	0	-0.00015	0.001756	0.001763
37.58148	-0.00061	0.000458	0.002367	0.002487
37.58384	-0.00122	0.00168	0.001145	0.002372
37.5862	-0.00061	0.001069	0.001145	0.001682
37.58857	-0.00061	0.001069	0.001756	0.002145
37.59093	-0.00305	-0.00015	0.002367	0.003867
37.59329	-0.00122	0.002291	0.001145	0.002838
37.59566	-0.00061	0.001069	0.002367	0.002668
37.59802	-0.00183	0.000458	-0.00069	0.00201
37.60038	-0.00122	0.000458	0.000534	0.00141
37.60274	-0.00183	0.002291	0.001756	0.003419
37.60511	-0.00183	0.002291	0.001756	0.003419
37.60747	-0.00183	-0.00015	0.001145	0.002166
37.60983	-0.00733	-0.00137	0.00481	0.008875

37.6122	-0.00244	0.000458	0.002978	0.003879
37.61456	0	0.001069	0.001145	0.001567
37.61692	0	0.001069	0.001756	0.002056
37.61928	-0.00122	0.001069	0.001145	0.001987
37.62165	-0.00122	-0.00015	0.000534	0.001342
37.62401	-0.00122	0.001069	0.002367	0.00287
37.62637	-0.00244	-0.00076	0.002367	0.003487
37.62874	-0.00183	0.000458	0.000534	0.001963
37.6311	-0.00183	0.00168	0.001145	0.002737
37.63346	-0.00061	-0.00015	-0.0013	0.001443
37.63582	-0.00183	0.000458	0.000534	0.001963
37.63819	-0.00122	0.00168	0.002367	0.003149
37.64055	-0.00183	0.002291	0.002367	0.003769
37.64291	0.000611	0.002902	0.002978	0.004202
37.64528	-0.00061	0.002291	0.001145	0.002633
37.64764	-0.00183	0.002291	0.002978	0.00418
37.65	0	0.002902	0.002367	0.003745
37.65236	-0.00061	0.00168	0.002367	0.002966
37.65473	-0.00061	0.002291	-0.00069	0.002468
37.65709	0	0.004123	-0.00069	0.00418
37.65945	-0.00122	0.003512	0.000534	0.003757
37.66181	-0.00183	0.002291	-0.00069	0.003013
37.66418	-0.00183	0.002902	0.001756	0.003855
37.66654	-0.00122	0.002291	0.001145	0.002838
37.6689	0.000611	0.00168	0.000534	0.001866
37.67127	0	-0.00015	0.001756	0.001763
37.67363	-0.00183	0.001069	-0.00069	0.00223
37.67599	-0.00122	-0.00015	-7.6E-05	0.001234
37.67835	0.000611	0.001069	0.001145	0.001682
37.68072	0.001222	0.000458	0.002978	0.003251
37.68308	0.000611	-0.00015	0.001756	0.001866
37.68544	0.001222	0.002291	0.000534	0.002651
37.68781	0	0.00168	0.002978	0.003419
37.69017	-0.00061	0.001069	0.001145	0.001682
37.69253	0	0.001069	-7.6E-05	0.001072
37.69489	-0.00061	-0.00137	-7.6E-05	0.001506
37.69726	-0.00061	-0.00015	0.001756	0.001866
37.69962	-0.00122	0.000458	0.002978	0.003251
37.70198	-0.00122	0.001069	0.003589	0.003939
37.70435	-0.00061	0.00168	0.001145	0.002123
37.70671	-0.00061	0.00168	0.000534	0.001866
37.70907	-0.00061	-0.00076	0.003589	0.00372
37.71143	0	-0.00076	0.001145	0.001377
37.7138	0	-0.00015	0.000534	0.000556
37.71616	-0.00183	0.000458	0.002367	0.003028
37.71852	-0.00244	0.00168	0.002978	0.004202
37.72089	-0.00122	0.00168	0.003589	0.004146
37.72325	0	0.001069	0.00481	0.004928
37.72561	-0.00122	-0.00015	0.003589	0.003794
37.72797	-0.00122	-0.00015	0.00481	0.004965
37.73034	-0.00122	0.000458	0.007254	0.00737
37.7327	-0.00305	-0.00076	0.005421	0.006269

37.73506	-0.00183	-0.00015	0.005421	0.005725
37.73743	-0.00183	0.002291	0.005421	0.006164
37.73979	-0.00122	0.002902	0.00481	0.005749
37.74215	-0.00061	0.002902	0.0042	0.005141
37.74451	-0.00183	0.002902	0.005421	0.006416
37.74688	-0.00183	0.002902	0.003589	0.004965
37.74924	-0.00061	0.001069	0.0042	0.004376
37.7516	0	0.00168	0.0042	0.004523
37.75397	-0.00061	0.002291	0.002978	0.003806
37.75633	-0.00061	0.002291	0.003589	0.004301
37.75869	-0.00061	0.00168	0.00481	0.005132
37.76105	-0.00061	0.001069	0.003589	0.003794
37.76342	-0.00061	0.000458	0.002367	0.002487
37.76578	-0.00122	-0.00076	0.0042	0.00444
37.76814	0	-0.00015	0.002367	0.002372
37.77051	0.000611	0.001069	0.002367	0.002668
37.77287	0	0.00168	0.001145	0.002033
37.77523	-0.00061	0.001069	0.002978	0.003222
37.77759	0.001222	-0.00015	0.002367	0.002668
37.77996	0	0.000458	0.002978	0.003013
37.78232	-0.00061	0.001069	0.002367	0.002668
37.78468	-0.00061	-0.00015	0.002978	0.003044
37.78704	0	-0.00015	0.002367	0.002372
37.78941	-0.00061	0.001069	0.002978	0.003222
37.79177	-0.00061	0.001069	0.0042	0.004376
37.79413	0	0.00168	0.001145	0.002033
37.7965	0	-0.00015	0.002367	0.002372
37.79886	0	0.000458	0.002367	0.002411
37.80122	-0.00183	0.000458	0.002367	0.003028
37.80358	-0.00183	0.00168	0.001756	0.003044
37.80595	-0.00061	0.002291	-7.6E-05	0.002372
37.80831	0	0.00168	0.001145	0.002033
37.81067	-0.00183	0.000458	0.001145	0.002209
37.81304	0	0.001069	0.001756	0.002056
37.8154	0	0.00168	0.001145	0.002033
37.81776	-0.00244	0.000458	0.000534	0.002543
37.82012	-0.00061	-0.00015	0.002367	0.002449
37.82249	-0.00122	0.000458	0.001145	0.001736
37.82485	-0.00061	0.002902	0.000534	0.003013
37.82721	-0.00061	0.00168	0.000534	0.001866
37.82958	0.000611	0.002291	-7.6E-05	0.002372
37.83194	0	0.001069	-7.6E-05	0.001072
37.8343	-0.00305	-0.00015	0.000534	0.003104
37.83666	-0.00244	0.00168	0.000534	0.003013
37.83903	-0.00122	0.002291	0.000534	0.002651
37.84139	0	0.002902	0.002978	0.004158
37.84375	0.001222	0.002291	0.001756	0.003134
37.84612	0.000611	0.00168	0.000534	0.001866
37.84848	-0.00061	0.002291	-7.6E-05	0.002372
37.85084	-0.00122	0.000458	-7.6E-05	0.001307
37.8532	0	-0.00015	-7.6E-05	0.000171
37.85557	-0.00122	0.002902	0.000534	0.003193

37.85793	0	-0.00015	0.002367	0.002372
37.86029	-0.00183	0.00168	0.000534	0.002543
37.86266	-0.00244	0.001069	0.001756	0.003193
37.86502	-0.00061	0.001069	0.000534	0.001342
37.86738	0	0.000458	-0.00069	0.000826
37.86974	-0.00183	0.002291	0.001756	0.003419
37.87211	-0.00183	0.001069	0.003589	0.004169
37.87447	-0.00061	0.00168	0.001145	0.002123
37.87683	0.000611	0.003512	0.000534	0.003605
37.8792	-0.00122	0.002902	0.000534	0.003193
37.88156	-0.00061	0.00168	0.001756	0.002506
37.88392	-0.00122	0.001069	-7.6E-05	0.001625
37.88628	-0.00061	0.00168	0.002367	0.002966
37.88865	0.000611	-0.00076	-0.00069	0.001195
37.89101	-0.00061	0.001069	0.001145	0.001682
37.89337	-0.00122	0.003512	0.001756	0.004113
37.89573	0.001222	0.00168	0.000534	0.002145
37.8981	-0.00061	0.001069	0.000534	0.001342
37.90046	0	0.002291	-7.6E-05	0.002292
37.90282	0	0.002902	-7.6E-05	0.002903
37.90519	0	0.00168	0.001145	0.002033
37.90755	-0.00122	0.003512	0.000534	0.003757
37.90991	-0.00061	0.002902	0.000534	0.003013
37.91227	-0.00061	0.002291	0.001145	0.002633
37.91464	-0.00122	0.00168	0.001145	0.002372
37.917	-0.00183	0.000458	0.001145	0.002209
37.91936	-0.00183	0.00168	0.001145	0.002737
37.92173	-0.00183	0.001069	0.001145	0.002411
37.92409	-0.00183	0.002902	0.000534	0.003473
37.92645	-0.00061	0.003512	-7.6E-05	0.003566
37.92881	-0.00122	0.004123	0.000534	0.004333
37.93118	-0.00122	0.002291	0.000534	0.002651
37.93354	-0.00122	0.002291	0.000534	0.002651
37.9359	0	0.002291	-0.00069	0.002392
37.93827	0.001222	0.001069	-0.0013	0.002079
37.94063	0	0.002902	0.000534	0.00295
37.94299	0.000611	0.003512	-7.6E-05	0.003566
37.94535	0	0.00168	-7.6E-05	0.001682
37.94772	-0.00122	0.001069	-7.6E-05	0.001625
37.95008	0	0.00168	0.001145	0.002033
37.95244	-0.00183	0.002291	0.001145	0.003149
37.95481	-0.00489	-0.00015	0.002367	0.005432
37.95717	-0.00183	-0.00015	0.001756	0.002543
37.95953	-0.00122	0.000458	0.001756	0.002188
37.96189	-0.00183	0.002902	-7.6E-05	0.003433
37.96426	-0.00122	0.001069	-7.6E-05	0.001625
37.96662	0.001222	0.001069	0.001756	0.002392
37.96898	0.000611	0.001069	0.001145	0.001682
37.97135	-0.00183	0.001069	0.001145	0.002411
37.97371	-0.00061	-0.00015	0.002978	0.003044
37.97607	-0.00061	-0.00015	0.002367	0.002449
37.97843	-0.00061	0.001069	0.0042	0.004376

37.9808	-0.00305	0.001069	0.001756	0.003682
37.98316	-0.00183	0.000458	-7.6E-05	0.00189
37.98552	-0.00367	0.002291	0.001145	0.004471
37.98789	-0.00122	0.00168	0.002367	0.003149
37.99025	-0.00122	0.002291	0.002367	0.003513
37.99261	-0.00122	0.00168	0.002367	0.003149
37.99497	-0.00122	0.00168	0.001145	0.002372
37.99734	-0.00061	0.00168	0.002367	0.002966
37.9997	0	0.003512	0.000534	0.003553
38.00206	-0.00122	0.00168	0.002367	0.003149
38.00443	-0.00244	0.00168	0.001756	0.003446
38.00679	-0.00305	0.002902	0.001756	0.004564
38.00915	-0.00244	0.004123	-0.0013	0.004965
38.01151	-0.00244	0.003512	0.001145	0.004429
38.01388	-0.00244	0.00168	0.000534	0.003013
38.01624	0	0.003512	0.001756	0.003927
38.0186	0	0.002291	-7.6E-05	0.002292
38.02096	-0.00122	0.002291	0.001756	0.003134
38.02333	-0.00183	0.002291	0.000534	0.002982
38.02569	-0.00122	0.002902	0.001756	0.003605
38.02805	0	0.00168	-7.6E-05	0.001682
38.03042	-0.00122	0.00168	0.002978	0.003631
38.03278	0	0.003512	0.000534	0.003553
38.03514	-0.00061	0.000458	0.001756	0.001915
38.0375	-0.00061	0.003512	0.001756	0.003974
38.03987	0.000611	0.002902	-0.00069	0.003044
38.04223	0	0.002902	0.001756	0.003392
38.04459	0.000611	0.003512	0.002367	0.004279
38.04696	0	0.003512	0.001756	0.003927
38.04932	-0.00183	0.001069	-0.00069	0.00223
38.05168	-0.00122	0.000458	0.001145	0.001736
38.05404	-0.00244	0.000458	0.001145	0.002737
38.05641	-0.00122	0.000458	0.002367	0.002703
38.05877	0	0.00168	0.001145	0.002033
38.06113	-0.00061	0.00168	0.000534	0.001866
38.0635	-0.00122	0.002902	0.002978	0.004333
38.06586	-0.00183	0.00168	0.002978	0.003879
38.06822	-0.00122	0.002291	0.002978	0.003951
38.07058	-0.00305	0.00168	-0.00069	0.003553
38.07295	-0.00305	0.001069	-7.6E-05	0.003237
38.07531	-0.00122	0.000458	0.001756	0.002188
38.07767	0	0.00168	0.001756	0.00243
38.08004	-0.00305	0.002291	0.000534	0.003855
38.0824	-0.00061	0.002902	0.002367	0.003794
38.08476	0	0.002902	0.002367	0.003745
38.08712	0	0.002291	0.001756	0.002886
38.08949	0.000611	0.00168	0.001756	0.002506
38.09185	0	0.002291	0.002367	0.003294
38.09421	-0.00122	0.002291	0.003589	0.004429
38.09658	-0.00183	0.00168	0.001145	0.002737
38.09894	-0.00122	0.002902	0.000534	0.003193
38.1013	0	0.004123	0.001145	0.004279

38.10366	-0.00122	0.003512	0.002367	0.004408
38.10603	-0.00061	0.002291	0.002978	0.003806
38.10839	0	0.00168	0.001756	0.00243
38.11075	-0.00122	0.00168	0.002367	0.003149
38.11312	-0.00244	0.002902	0.001145	0.003962
38.11548	-0.00183	0.001069	0.002367	0.003179
38.11784	-0.00305	0.002902	0.003589	0.005534
38.1202	-0.00183	0.002902	0.001756	0.003855
38.12257	-0.00122	0.00168	0.001145	0.002372
38.12493	-0.00061	0.002902	0.001145	0.003179
38.12729	-0.00122	0.000458	0.003589	0.003819
38.12966	-0.00183	0.002291	0.002978	0.00418
38.13202	0	0.002902	0.002367	0.003745
38.13438	0.000611	0.001069	0.001756	0.002145
38.13674	-0.00122	0.001069	0.001756	0.002392
38.13911	0.001222	0.001069	0.001756	0.002392
38.14147	-0.00061	0.000458	0.001756	0.001915
38.14383	0	0.00168	0.001756	0.00243
38.14619	-0.00122	-0.00076	0.001756	0.002272
38.14856	0	0.000458	0.002367	0.002411
38.15092	0	0.00168	0.000534	0.001763
38.15328	-0.00183	0.000458	0.000534	0.001963
38.15565	0.000611	0.001069	-7.6E-05	0.001234
38.15801	0	0.000458	0.002367	0.002411
38.16037	-0.00061	0.001069	-7.6E-05	0.001234
38.16273	0	0.001069	-0.00069	0.001271
38.1651	-0.00122	0.001069	-7.6E-05	0.001625
38.16746	-0.00061	0.00168	0.001145	0.002123
38.16982	-0.00244	-0.00076	0.001756	0.003104
38.17219	0.001833	0.001069	-7.6E-05	0.002123
38.17455	-0.00061	0.00168	0.001756	0.002506
38.17691	-0.00122	0.002291	0.002367	0.003513
38.17927	-0.00061	0.00168	0.001145	0.002123
38.18164	0	0.002291	0.001145	0.002561
38.184	0.001222	0.000458	0.002367	0.002703
38.18636	0.000611	-0.00015	0.001756	0.001866
38.18873	0	-0.00015	0.001756	0.001763
38.19109	-0.00061	0.001069	-7.6E-05	0.001234
38.19345	-0.00061	0.001069	0.001756	0.002145
38.19581	0	0.001069	0.002367	0.002597
38.19818	-0.00061	0.000458	0.001145	0.001377
38.20054	-0.00122	0.000458	-0.00069	0.001475
38.2029	-0.00183	0.000458	-7.6E-05	0.00189
38.20527	-0.00061	-0.00137	0.000534	0.001596
38.20763	-0.00183	0.00168	0.002367	0.003433
38.20999	0	0.00168	0.001756	0.00243
38.21235	-0.00183	0.00168	-7.6E-05	0.002487
38.21472	-0.00122	-0.00015	0.001756	0.002145
38.21708	-0.00183	-0.00199	-7.6E-05	0.002703
38.21944	-0.00244	-0.00015	0.001756	0.003013
38.22181	-0.00122	-0.00015	0.001756	0.002145
38.22417	-0.00122	0.000458	0.000534	0.00141

38.22653	-0.00183	0.001069	0.000534	0.002188
38.22889	-0.00244	0.00168	0.001756	0.003446
38.23126	-0.00183	0.00168	0.001145	0.002737
38.23362	0	0.001069	0.001145	0.001567
38.23598	-0.00244	0.000458	0.000534	0.002543
38.23835	-0.00122	0.001069	-7.6E-05	0.001625
38.24071	-0.00122	0.002291	0.000534	0.002651
38.24307	-0.00183	0.002902	0.001145	0.003618
38.24543	-0.00061	0.002902	0.001756	0.003446
38.2478	-0.00061	0.00168	-7.6E-05	0.001789
38.25016	-0.00244	0.002902	0.001145	0.003962
38.25252	-0.00183	0.003512	0.000534	0.003998
38.25488	-0.00244	0.003512	-0.00069	0.004333
38.25725	-0.00244	0.002902	0.002367	0.004471
38.25961	-0.00122	0.005345	0.000534	0.005509
38.26197	-0.00061	0.003512	0.001756	0.003974
38.26434	-0.00122	0.002291	0.000534	0.002651
38.2667	-0.00305	0.004123	0.000534	0.005159
38.26906	-0.00244	0.004734	0.000534	0.005354
38.27142	-0.00244	0.002902	-7.6E-05	0.003794
38.27379	-0.00183	0.005345	-0.0013	0.005798
38.27615	-0.00122	0.004123	-0.00374	0.0057
38.27851	-0.00122	0.005345	-0.00313	0.006314
38.28088	0.001222	0.004734	-0.00618	0.007884
38.28324	0.003665	0.001069	-0.00863	0.009435
38.2856	0.002443	-0.0026	-0.01046	0.011052
38.28796	0.001222	0.000458	-0.01229	0.012362
38.29033	-0.00122	0.00168	-0.01168	0.011866
38.29269	-0.00183	0.001069	-0.01168	0.011874
38.29505	0.001222	0.003512	-0.01046	0.011102
38.29742	-0.00122	0.003512	-0.01046	0.011102
38.29978	-0.00367	-0.00015	-0.00863	0.009376
38.30214	-0.00122	-0.00015	-0.00924	0.009321
38.3045	0.001833	0.001069	-0.00802	0.008293
38.30687	0.000611	0.00168	-0.00802	0.008214
38.30923	0.001222	0.001069	-0.00802	0.00818
38.31159	0	-0.00076	-0.00985	0.009879
38.31396	-0.00061	-0.00137	-0.00863	0.008758
38.31632	0.000611	0.00168	-0.01046	0.010612
38.31868	0.001833	0.000458	-0.00924	0.00943
38.32104	0.001833	-0.00076	-0.00863	0.008854
38.32341	0.001833	-0.00015	-0.00924	0.00942
38.32577	0.001222	-0.00015	-0.00802	0.008111
38.32813	0.001222	-0.00076	-0.00802	0.008146
38.3305	0.000611	0.000458	-0.00985	0.009879
38.33286	0.000611	-0.00076	-0.00741	0.007471
38.33522	0.001222	-0.00015	-0.00924	0.009321
38.33758	0.002443	0.001069	-0.00863	0.009031
38.33995	0.003054	0.000458	-0.00618	0.006913
38.34231	0.003665	-0.00137	-0.00618	0.007319
38.34467	0.002443	-0.00321	-0.00496	0.006394
38.34704	0.000611	-0.00199	-0.00618	0.006524

38.3494	0.000611	-0.00076	-0.00435	0.004461
38.35176	0.000611	0.000458	-0.00313	0.003222
38.35412	0.001222	-0.00076	-0.00313	0.003446
38.35649	0.001222	-0.00015	-0.00313	0.003364
38.35885	0.001222	-0.00015	-0.0013	0.001789
38.36121	0.001222	0.001069	-0.00191	0.002506
38.36358	0.002443	0.003512	-0.0013	0.004471
38.36594	0.001222	0.002902	-0.00069	0.003222
38.3683	0.001222	0.002902	0.003589	0.004774
38.37066	0.003054	0.002291	0.006643	0.007662
38.37303	0.001833	0.002291	0.009086	0.009548
38.37539	0.001222	0.000458	0.01153	0.011603
38.37775	0.002443	0.000458	0.017638	0.017813
38.38011	0.004276	0.002291	0.021303	0.021849
38.38248	0.003665	0.002291	0.021303	0.021737
38.38484	0.003054	0.00168	0.024968	0.025211
38.3872	0.002443	0.002902	0.029244	0.029489
38.38957	0.004887	0.00168	0.032909	0.033313
38.39193	0.003665	-0.00015	0.035353	0.035543
38.39429	0.001833	0.002902	0.038407	0.03856
38.39665	0.003054	0.001069	0.042683	0.042805
38.39902	0.003665	-0.00076	0.044515	0.044673
38.40138	0	-0.00199	0.045126	0.04517
38.40374	0.001833	-0.00076	0.051235	0.051273
38.40611	0.001833	-0.00321	0.049402	0.04954
38.40847	0.001222	-0.0026	0.051235	0.051315
38.41083	0.001222	0.002291	0.052457	0.052521
38.41319	0.002443	0.004123	0.053678	0.053892
38.41556	0.003054	0.00168	0.054289	0.054401
38.41792	0.004887	0.000458	0.050624	0.050861
38.42028	0.002443	0.000458	0.050013	0.050075
38.42265	0.000611	0.002291	0.050624	0.050679
38.42501	0.000611	0.004123	0.050013	0.050187
38.42737	0	0.003512	0.049402	0.049527
38.42973	0.001833	0.004734	0.050624	0.050878
38.4321	0.000611	0.004123	0.04757	0.047752
38.43446	0.000611	0.002291	0.044515	0.044579
38.43682	0.000611	0.003512	0.041461	0.041614
38.43919	0.001222	0.003512	0.042072	0.042236
38.44155	-0.00061	0.000458	0.049402	0.049408
38.44391	0	-0.00443	0.056122	0.056296
38.44627	-0.00122	-0.00321	0.063452	0.063544
38.44864	-0.00244	-0.00015	0.079334	0.079372
38.451	-0.00244	0.004123	0.100713	0.100827
38.45336	-0.00489	0.003512	0.121482	0.121631
38.45573	-0.00305	0.005345	0.137975	0.138112
38.45809	-0.00428	0.02367	0.161187	0.162972
38.46045	-0.00916	0.044439	0.189897	0.195243
38.46281	-0.00977	0.053602	0.205779	0.21287
38.46518	-0.01161	0.052991	0.221661	0.228203
38.46754	-0.01038	0.04505	0.236322	0.240801
38.4699	-0.00977	0.046883	0.250371	0.25491

38.47227	-0.01161	0.060932	0.267475	0.274573
38.47463	-0.01833	0.065819	0.29313	0.300987
38.47699	-0.02382	0.060321	0.320008	0.326513
38.47935	-0.02749	0.067651	0.343831	0.351499
38.48172	-0.02566	0.091474	0.368265	0.380322
38.48408	-0.02382	0.109189	0.398196	0.413582
38.48644	-0.02566	0.110411	0.437901	0.452334
38.48881	-0.03237	0.09575	0.481882	0.492368
38.49117	-0.03299	0.085977	0.518533	0.526646
38.49353	-0.03665	0.067651	0.522809	0.52844
38.49589	-0.03848	0.004123	0.509981	0.511448
38.49826	-0.03237	-0.03986	0.448896	0.451824
38.50062	-0.02382	-0.02581	0.354826	0.35656
38.50298	-0.01161	0.026725	0.27847	0.27999
38.50534	-0.00183	0.057878	0.24976	0.256385
38.50771	0.010995	0.038331	0.255258	0.258354
38.51007	0.022601	-0.00504	0.283968	0.28491
38.51243	0.037873	-0.02703	0.341998	0.345149
38.5148	0.033597	-0.0197	0.407359	0.409216
38.51716	0.012217	-0.01848	0.449507	0.450053
38.51952	-0.01283	-0.01115	0.47333	0.473635
38.52188	-0.02627	0.013286	0.471498	0.472416
38.52425	-0.02993	0.043217	0.459892	0.462887
38.52661	-0.03176	0.060321	0.436679	0.441969
38.52897	-0.0336	0.060932	0.411024	0.416872
38.53134	-0.02566	0.026114	0.382314	0.384063
38.5337	-0.02199	-0.01115	0.345052	0.345932
38.53606	-0.02138	-0.05818	0.291298	0.29782
38.53842	-0.04337	-0.0759	0.230824	0.246822
38.54079	-0.07575	-0.01603	0.228381	0.241147
38.54315	-0.06353	0.022449	0.253425	0.262229
38.54551	-0.03176	-0.03253	0.245484	0.249659
38.54788	0.009774	-0.06918	0.236322	0.246433
38.55024	0.041538	-0.07529	0.245484	0.260108
38.5526	0.042759	-0.10094	0.266864	0.288503
38.55496	0.027488	-0.16325	0.301682	0.344119
38.55733	-0.00367	-0.12599	0.390255	0.410104
38.55969	-0.03909	0.010843	0.500818	0.502459
38.56205	-0.07941	0.050548	0.560681	0.568529
38.56442	-0.08552	-0.02336	0.564346	0.571267
38.56678	-0.03726	-0.06002	0.558238	0.56269
38.56914	0.03604	-0.02459	0.561903	0.563594
38.5715	0.080632	-0.02764	0.565568	0.571955
38.57387	0.096514	-0.04963	0.56679	0.577087
38.57623	0.094681	-0.05757	0.574731	0.585316
38.57859	0.075745	-0.03986	0.580839	0.587112
38.58096	0.046424	-0.02459	0.580839	0.58321
38.58332	0.02871	-0.04658	0.572287	0.574897
38.58568	0.023823	-0.08506	0.567401	0.574236
38.58804	0.022601	-0.12599	0.546021	0.560823
38.59041	0.018325	-0.11866	0.511203	0.525113
38.59277	0.006719	-0.04719	0.481882	0.484234

38.59513	0	0.010843	0.466	0.466126
38.5975	0.015271	0.020616	0.469054	0.469755
38.59986	0.041538	0.007788	0.475163	0.477038
38.60222	0.055587	-0.02581	0.447064	0.451245
38.60458	0.047035	-0.07834	0.400029	0.410332
38.60695	0.029932	-0.09422	0.344442	0.358349
38.60931	0.025045	-0.01481	0.30718	0.308555
38.61167	0.039705	0.104302	0.272362	0.29434
38.61403	0.054365	0.118963	0.236322	0.270103
38.6164	0.062306	0.02367	0.19173	0.202984
38.61876	0.056198	-0.05391	0.136753	0.157371
38.62112	0.060474	0.025503	0.084221	0.106774
38.62349	0.075745	0.137899	0.039629	0.162246
38.62585	0.078799	0.151337	-0.00252	0.170642
38.62821	0.078188	0.116519	-0.04528	0.147446
38.63057	0.069637	0.083533	-0.08987	0.141081
38.63294	0.045814	0.034055	-0.1253	0.137691
38.6353	0.018936	-0.03131	-0.14851	0.152953
38.63766	0.000611	-0.04536	-0.16806	0.174073
38.64003	-0.00672	0.015729	-0.18394	0.184735
38.64239	-0.00367	0.099415	-0.20532	0.228153
38.64475	0.02138	0.114076	-0.19738	0.228974
38.64711	0.067804	-0.07651	-0.23892	0.25987
38.64948	0.147825	-0.26831	-0.54617	0.626219
38.65184	0.257167	-0.27931	-0.98721	1.057697
38.6542	0.229679	-0.16203	-1.20772	1.239998
38.65657	0.062917	-0.08262	-1.02263	1.027894
38.65893	-0.05803	-0.06979	-0.55473	0.562102
38.66129	-0.0617	0.058489	-0.08621	0.121073
38.66365	-0.02199	0.243575	0.104989	0.266149
38.66602	-0.04093	0.299773	0.211888	0.369372
38.66838	-0.07269	0.220974	0.285189	0.36803
38.67074	-0.05925	0.091474	0.257701	0.2798
38.67311	-0.0226	-0.00748	0.155079	0.156896
38.67547	-0.00977	-0.03253	0.056732	0.066122
38.67783	-0.03054	-0.02642	0.010919	0.041833
38.68019	-0.06292	0.001069	0.025579	0.067927
38.68256	-0.0788	0.035276	0.042072	0.096041
38.68492	-0.07025	0.029779	0.034742	0.083836
38.68728	-0.04826	0.004734	0.023747	0.053991
38.68965	-0.0226	0.007177	0.015195	0.028164
38.69201	-0.0055	0.041996	0.002978	0.042459
38.69437	0.005498	0.05971	-0.00618	0.060281
38.69673	0.01466	0.046272	-0.01657	0.051289
38.6991	0.01466	0.021227	-0.02268	0.034348
38.70146	0.000611	0.012064	-0.02695	0.029537
38.70382	-0.01588	0.00901	-0.02329	0.029594
38.70619	-0.02566	0.007177	-0.00435	0.026994
38.70855	-0.02688	0.014508	0.015195	0.034114
38.71091	-0.02443	0.020005	0.025579	0.040639
38.71327	-0.01405	0.02367	0.020082	0.034073
38.71564	-0.00122	0.032222	0.009697	0.033672

38.718	0.004276	0.028557	-0.0013	0.028905
38.72036	0.001833	0.026114	-0.00557	0.026765
38.72273	-0.00061	0.024892	-0.00863	0.026352
38.72509	-0.00122	0.024281	-0.01474	0.02843
38.72745	-0.0055	0.02367	-0.02695	0.036291
38.72981	-0.011	0.009621	-0.03734	0.040095
38.73218	-0.01283	0.002902	-0.05444	0.056008
38.73454	-0.00916	0.004734	-0.06177	0.062627
38.7369	-0.00489	0.009621	-0.0636	0.064513
38.73926	-0.00122	0.015118	-0.07643	0.077923
38.74163	0.002443	0.015118	-0.08498	0.086353
38.74399	0.004887	0.012675	-0.08865	0.089684
38.74635	0.004887	0.010843	-0.08926	0.090049
38.74872	0.003054	0.003512	-0.08437	0.084502
38.75108	0.004276	-0.0026	-0.08682	0.086961
38.75344	0.001222	-0.0087	-0.08498	0.085437
38.7558	-0.00611	-0.01909	-0.08498	0.087316
38.75817	-0.01038	-0.02825	-0.09109	0.095937
38.76053	-0.01344	-0.03253	-0.09415	0.10051
38.76289	-0.01649	-0.03497	-0.09598	0.103475
38.76526	-0.02138	-0.04108	-0.11003	0.119377
38.76762	-0.02504	-0.05146	-0.12408	0.136643
38.76998	-0.02566	-0.07529	-0.14057	0.161513
38.77234	-0.02566	-0.10278	-0.16989	0.20021
38.77471	-0.02932	-0.11927	-0.18394	0.221176
38.77707	-0.03115	-0.12965	-0.18883	0.231163
38.77943	-0.03176	-0.13026	-0.18638	0.229601
38.7818	-0.02871	-0.11194	-0.18761	0.220342
38.78416	-0.02566	-0.08628	-0.19127	0.211394
38.78652	-0.01955	-0.06612	-0.19982	0.211386
38.78888	-0.0171	-0.05879	-0.21143	0.220117
38.79125	-0.02504	-0.05085	-0.22426	0.231311
38.79361	-0.03665	-0.07284	-0.2267	0.24092
38.79597	-0.04826	-0.10094	-0.2212	0.247889
38.79834	-0.05131	-0.11438	-0.21265	0.246853
38.8007	-0.04215	-0.10583	-0.20715	0.236408
38.80306	-0.03482	-0.09056	-0.2041	0.225986
38.80542	-0.03237	-0.104	-0.19738	0.225438
38.80779	-0.05559	-0.1828	-0.187	0.267342
38.81015	-0.08857	-0.20295	-0.19188	0.293009
38.81251	-0.08979	-0.08506	-0.20776	0.241794
38.81488	-0.06536	0.012064	-0.23281	0.242111
38.81724	-0.04826	-0.00015	-0.26457	0.268938
38.8196	-0.04459	-0.06002	-0.29389	0.303256
38.82196	-0.05009	-0.09483	-0.30978	0.327816
38.82433	-0.0562	-0.09667	-0.30794	0.327615
38.82669	-0.05437	-0.08811	-0.3165	0.333
38.82905	-0.04032	-0.03558	-0.33421	0.338508
38.83142	-0.011	0.050548	-0.3562	0.359937
38.83378	0.02138	0.090253	-0.37147	0.382876
38.83614	0.026266	0.032222	-0.37575	0.37804
38.8385	0.014049	-0.03619	-0.36475	0.366813

38.84087	-0.00977	-0.03375	-0.35437	0.356105
38.84323	-0.02627	0.002291	-0.34521	0.346211
38.84559	-0.02871	0.018173	-0.34215	0.343834
38.84796	-0.02443	0.021838	-0.34887	0.350406
38.85032	-0.01649	0.042607	-0.36109	0.363966
38.85268	-0.01649	0.044439	-0.36414	0.367213
38.85504	-0.01466	0.029779	-0.3617	0.363218
38.85741	-0.0055	0.028557	-0.35742	0.358603
38.85977	0.006108	0.039552	-0.34826	0.350551
38.86213	0.005498	0.046883	-0.33482	0.338132
38.86449	-0.00061	0.040774	-0.3336	0.336082
38.86686	-0.00244	0.033444	-0.33726	0.338927
38.86922	-0.00916	0.056045	-0.33177	0.336592
38.87158	-0.02016	0.086588	-0.32383	0.335807
38.87395	-0.02077	0.06643	-0.32199	0.329429
38.87631	-0.00977	0.048715	-0.31833	0.322182
38.87867	0.004887	0.050548	-0.31772	0.32175
38.88103	0.01466	0.056045	-0.30245	0.307944
38.8834	0.010384	0.057267	-0.29328	0.299002
38.88576	0.009774	0.035276	-0.28229	0.284651
38.88812	0.018936	0.027946	-0.27618	0.278235
38.89049	0.023823	0.025503	-0.26152	0.263837
38.89285	0.017104	0.002291	-0.24319	0.243805
38.89521	0.02138	-0.01237	-0.22792	0.229257
38.89757	0.032375	-0.00504	-0.21571	0.21818
38.89994	0.037873	0.011453	-0.20105	0.204902
38.9023	0.030542	0.025503	-0.18944	0.193573
38.90466	0.015271	0.029168	-0.17234	0.175452
38.90703	0.003665	0.023059	-0.16195	0.163625
38.90939	-0.00794	0.055434	-0.15218	0.162154
38.91175	-0.01466	0.095139	-0.13935	0.169366
38.91411	-0.01222	0.068262	-0.12774	0.145353
38.91648	-0.00367	0.024281	-0.12652	0.128883
38.91884	0.008552	-0.00015	-0.11797	0.11828
38.9212	0.020769	-0.02153	-0.11308	0.116973
38.92357	0.025656	-0.0252	-0.10759	0.113436
38.92593	0.022601	-0.01848	-0.09964	0.103833
38.92829	0.018325	0.005345	-0.08804	0.090084
38.93065	0.014049	0.029779	-0.08132	0.087732
38.93302	0.011606	0.021227	-0.07155	0.075525
38.93538	0.015271	-0.00199	-0.06971	0.071394
38.93774	0.026877	-0.02398	-0.06238	0.072034
38.94011	0.032986	-0.01115	-0.0575	0.067217
38.94247	0.023212	0.029168	-0.05689	0.068011
38.94483	0.011606	0.056045	-0.04894	0.075308
38.94719	-0.00061	0.045661	-0.03551	0.057844
38.94956	-0.00061	0.006567	-0.02451	0.025382
38.95192	0.004276	-0.00993	-0.01901	0.02187
38.95428	0.013439	0.003512	-0.0184	0.023056
38.95665	0.017104	0.016951	-0.01046	0.026255
38.95901	0.020769	0.002902	0.007254	0.02219
38.96137	0.015882	-0.00076	0.031077	0.034908

38.96373	0.012828	0.017562	0.032909	0.039446
38.9661	0.011606	0.035276	0.026801	0.045798
38.96846	0.010995	0.03039	0.029855	0.043997
38.97082	0.00733	0.005345	0.035353	0.036498
38.97319	-0.00183	-0.01481	0.043905	0.046372
38.97555	-0.00794	-0.00626	0.045126	0.046246
38.97791	-0.00916	0.007788	0.045737	0.047292
38.98027	-0.00733	0.00168	0.049402	0.049971
38.98264	0.001833	-0.0142	0.053678	0.055555
38.985	0.008552	-0.02642	0.058565	0.064815
38.98736	0.010995	-0.02642	0.063452	0.069606
38.98972	0.010384	-0.01481	0.06956	0.071874
38.99209	0.006719	-0.00687	0.072004	0.072642
38.99445	-0.00061	-0.01359	0.077501	0.078686
38.99681	-0.00244	-0.02092	0.082999	0.08563
38.99918	-0.00428	-0.01603	0.091551	0.093043
39.00154	-0.0055	-0.01237	0.099492	0.100408
39.0039	-0.00672	-0.00932	0.107433	0.108045
39.00626	-0.00428	-0.01054	0.11232	0.112894
39.00863	-0.00672	-0.01359	0.114152	0.115155
39.01099	-0.00611	-0.01603	0.118428	0.119665
39.01335	-0.00489	-0.01787	0.121482	0.122886
39.01572	-0.00061	-0.0197	0.122704	0.124277
39.01808	0.000611	-0.01726	0.125758	0.126938
39.02044	-0.00061	-0.0142	0.127591	0.12838
39.0228	-0.00122	-0.01787	0.120871	0.122191
39.02517	-0.00367	-0.01909	0.115374	0.117
39.02753	-0.0055	-0.01237	0.115374	0.116165
39.02989	-0.00733	-0.00809	0.115374	0.115889
39.03226	-0.00916	-0.01237	0.114152	0.115185
39.03462	-0.00611	-0.0142	0.117206	0.118222
39.03698	-0.00428	-0.01359	0.118428	0.119282
39.03934	-0.00244	-0.01176	0.113541	0.114175
39.04171	-0.00305	-0.0142	0.109265	0.110227
39.04407	-0.00367	-0.01115	0.108044	0.108679
39.04643	-0.00672	-0.00687	0.1056	0.106037
39.0488	-0.00794	-0.00443	0.1056	0.105991
39.05116	-0.00977	-0.00809	0.100713	0.10151
39.05352	-0.01222	-0.00932	0.092162	0.093433
39.05588	-0.01405	-0.00382	0.087886	0.089083
39.05825	-0.00977	0.002291	0.08361	0.08421
39.06061	-0.00977	-0.00015	0.072614	0.073269
39.06297	-0.01038	-0.00565	0.065895	0.066947
39.06534	-0.00794	-0.00443	0.060398	0.061078
39.0677	-0.00916	0.001069	0.057343	0.058081
39.07006	-0.00733	0.003512	0.051235	0.051876
39.07242	-0.00794	0.002291	0.04757	0.048282
39.07479	-0.00672	-0.0026	0.042683	0.043287
39.07715	-0.00611	-0.0026	0.04024	0.040783
39.07951	-0.00611	-0.00321	0.037796	0.038421
39.08188	-0.00428	-0.00199	0.032299	0.032641
39.08424	-0.00305	-0.00137	0.027412	0.027616

39.0866	-0.00183	-0.00321	0.027412	0.027659
39.0896	-0.00428	-0.00443	0.024358	0.025123
39.09133	-0.00611	-0.00321	0.020082	0.021234
39.09369	-0.00672	-0.00321	0.014584	0.016375
39.09605	-0.00733	-0.00137	0.010919	0.013223
39.09841	-0.00855	-0.00137	0.01153	0.014421
39.10078	-0.00733	-0.00015	0.010308	0.01265
39.10314	-0.00428	-0.00137	0.007865	0.009057
39.1055	-0.00428	-0.00137	0.007254	0.008532
39.10787	-0.00305	-0.00137	0.005421	0.006372
39.11023	-0.00305	-0.0026	0.001756	0.004376
39.11259	-0.00367	-0.00015	0.001145	0.003843
39.11495	-0.00428	0.002902	-7.6E-05	0.005168
39.11732	-0.00305	0.005956	-0.0013	0.006818
39.11968	-0.00611	0.004734	-0.00191	0.00796
39.12204	-0.00672	0.004123	-0.00313	0.008482
39.12441	-0.00611	0.004123	-0.00496	0.008885
39.12677	-0.0055	0.00168	-0.00557	0.008007
39.12913	-0.00367	0.005345	-0.00374	0.007483
39.13149	-0.00305	0.005956	-0.00618	0.009113
39.13386	-0.00305	0.005345	-0.00618	0.008726
39.13622	-0.00244	0.004123	-0.00741	0.008822
39.13858	-0.00244	0.004123	-0.00741	0.008822
39.14095	-0.00305	0.004123	-0.01168	0.01276
39.14331	-0.00367	0.005956	-0.01413	0.015762
39.14567	-0.00367	0.005956	-0.01657	0.017985
39.14803	-0.00367	0.004123	-0.0184	0.019211
39.1504	-0.00122	0.003512	-0.02023	0.020573
39.15276	-0.00244	0.002902	-0.02451	0.024802
39.15512	-0.00244	0.000458	-0.02695	0.027068
39.15749	-0.00305	0.00168	-0.02695	0.027178
39.15985	-0.00244	-0.00076	-0.02756	0.027683
39.16221	-0.00244	0.000458	-0.03367	0.033765
39.16457	-0.00305	0.002291	-0.03306	0.033282
39.16694	-0.00244	0.00168	-0.03367	0.033803
39.1693	-0.00305	0.001069	-0.03612	0.036261
39.17166	-0.00122	0.001069	-0.03428	0.034322
39.17403	-0.00122	0.00168	-0.03367	0.033737
39.17639	-0.00061	0.002291	-0.03306	0.033147
39.17875	0	-0.00015	-0.03551	0.035506
39.18111	-0.00122	0.000458	-0.03612	0.03614
39.18348	-0.00122	-0.00076	-0.03489	0.034924
39.18584	-0.00244	0.00168	-0.03306	0.033195
39.1882	-0.00244	0.002902	-0.03062	0.030853
39.19057	-0.00305	0.002291	-0.03306	0.033282
39.19293	-0.00183	0.00168	-0.03734	0.037421
39.19529	-0.00183	-0.00137	-0.03489	0.03497
39.19765	-0.00183	0.000458	-0.03306	0.033116
39.20002	-0.00305	0.002902	-0.03123	0.031512
39.20238	-0.00183	0.005956	-0.0294	0.03005
39.20474	-0.00122	0.005345	-0.03123	0.031707
39.20711	-0.00122	0.005345	-0.02879	0.029304

39.20947	0.000611	0.004734	-0.03001	0.030385
39.21183	0.001222	0.002902	-0.03123	0.031388
39.21419	-0.00122	0.004123	-0.03367	0.033946
39.21656	-0.00061	0.002902	-0.03551	0.035629
39.21892	-0.00244	0.004123	-0.03489	0.035222
39.22128	-0.00183	0.007788	-0.03612	0.036992
39.22364	-0.00122	0.008399	-0.03917	0.04008
39.22601	-0.00122	0.004123	-0.03917	0.039406
39.22837	-0.00244	0.003512	-0.04222	0.042441
39.23073	-0.00244	0.005345	-0.04528	0.045659
39.2331	-0.00183	0.005956	-0.04528	0.045706
39.23546	0.001222	0.003512	-0.04528	0.045432
39.23782	0	0.002902	-0.0465	0.046591
39.24018	-0.00061	0.002902	-0.04528	0.045376
39.24255	-0.00183	-0.00137	-0.05078	0.050828
39.24491	-0.00061	-0.00015	-0.05627	0.056278
39.24727	0.001222	-0.00199	-0.05933	0.059374
39.24964	-0.00061	-0.00199	-0.06055	0.060586
39.252	-0.00244	0.001069	-0.06177	0.061829
39.25436	-0.00367	-0.00199	-0.05811	0.058256
39.25672	-0.00305	-0.00504	-0.06177	0.062052
39.25909	-0.00061	-0.00137	-0.07338	0.073393
39.26145	-0.00061	0.002902	-0.07032	0.070386
39.26381	-0.00122	0.002902	-0.06849	0.068564
39.26618	-0.00061	-0.00199	-0.06544	0.06547
39.26854	-0.00061	-0.0087	-0.06483	0.065411
39.2709	0.001833	-0.00443	-0.06666	0.066831
39.27326	0.001222	0.001069	-0.06544	0.065457
39.27563	-0.00244	0.00168	-0.05872	0.058793
39.27799	-0.00244	-0.00137	-0.05322	0.053294
39.28035	0.000611	0.000458	-0.05872	0.058723
39.28272	0.002443	0.00168	-0.06544	0.065504
39.28508	0.001833	0.00168	-0.0691	0.069147
39.28744	-0.00122	0.000458	-0.07155	0.071557
39.2898	-0.00183	-0.00015	-0.0746	0.074622
39.29217	-0.00244	0.000458	-0.07643	0.076473
39.29453	0	-0.0026	-0.07704	0.077087
39.29689	0.001833	-0.00321	-0.07643	0.076521
39.29926	0.000611	0.001069	-0.07826	0.078274
39.30162	0.001222	0.004123	-0.08071	0.080823
39.30398	0.001222	0.004123	-0.07949	0.079603
39.30634	0.003054	0.002291	-0.08071	0.080798
39.30871	0.003054	0.002902	-0.0801	0.080208
39.31107	0.001222	0.008399	-0.08376	0.084191
39.31343	-0.00183	0.010232	-0.08865	0.089257
39.3158	-0.00183	0.007788	-0.08926	0.089618
39.31816	0	0.009621	-0.08804	0.088562
39.32052	0.000611	0.004734	-0.08682	0.086948
39.32288	0.003054	0.002291	-0.08254	0.082629
39.32525	0.003054	0.00168	-0.08193	0.082004
39.32761	0.002443	0.003512	-0.08132	0.081432
39.32997	0.002443	0.004734	-0.08193	0.082103

39.33234	0.001833	0.000458	-0.07888	0.078898
39.3347	0.005498	-0.00015	-0.07765	0.077848
39.33706	0.00733	0.00168	-0.07521	0.075586
39.33942	0.001833	0.00168	-0.07643	0.076473
39.34179	0.000611	0.002291	-0.07582	0.075858
39.34415	-0.00061	0.003512	-0.07582	0.075905
39.34651	-0.00305	-0.00137	-0.07277	0.072844
39.34887	0	0.000458	-0.06605	0.066049
39.35124	0.000611	-0.00076	-0.06177	0.06178
39.3536	-0.00122	-0.0026	-0.06116	0.061228
39.35596	-0.00122	-0.00382	-0.06544	0.06556
39.35833	0	-0.00504	-0.06483	0.065022
39.36069	-0.00122	-0.00015	-0.06422	0.064227
39.36305	-0.00183	0.00168	-0.0636	0.063653
39.36541	-0.00367	-0.00015	-0.06605	0.06615
39.36778	-0.00428	0.00168	-0.06605	0.066207
39.37014	-0.00305	0.002291	-0.06727	0.067378
39.3725	-0.00183	0.003512	-0.0691	0.069216
39.37487	-0.00244	0.002291	-0.07032	0.070403
39.37723	-0.00061	-0.00137	-0.06605	0.066065
39.37959	-0.00122	-0.00137	-0.06238	0.06241
39.38195	-0.00122	0.00168	-0.05994	0.059975
39.38432	-0.00183	0.004123	-0.0575	0.057673
39.38668	-0.00244	0.004123	-0.05078	0.051002
39.38904	-0.00122	0.00168	-0.04772	0.047768
39.39141	0.000611	0.00168	-0.0465	0.046535
39.39377	-0.00122	0.002902	-0.0465	0.046607
39.39613	-0.00244	0.005345	-0.04467	0.045053
39.39849	-0.00305	0.005956	-0.04589	0.046375
39.40086	-0.00183	0.003512	-0.04406	0.044235
39.40322	-0.00183	0.004734	-0.04406	0.044349
39.40558	-0.00122	0.004123	-0.04222	0.042443
39.40795	-0.00305	0.005345	-0.04284	0.043276
39.41031	-0.00183	0.005345	-0.041	0.041391
39.41267	-0.00061	0.004123	-0.03917	0.039392
39.41503	-0.00122	0.004734	-0.03917	0.039475
39.4174	-0.00244	0.00168	-0.03734	0.037456
39.41976	-0.00428	0.002902	-0.03551	0.03588
39.42212	-0.00367	0.003512	-0.03551	0.035867
39.42449	-0.00244	0.004123	-0.03551	0.035828
39.42685	-0.00244	0.004734	-0.03917	0.039531
39.42921	-0.00122	0.004123	-0.03856	0.038799
39.43157	-0.00489	0.001069	-0.03489	0.035251
39.43394	-0.00489	0.004123	-0.03551	0.036077
39.4363	-0.00122	0.00168	-0.03551	0.035566
39.43866	-0.00183	0.002291	-0.03245	0.032584
39.44103	-0.00122	0.003512	-0.03367	0.033878
39.44339	-0.00183	0.005345	-0.03123	0.031737
39.44575	-0.00305	0.006567	-0.03001	0.030869
39.44811	-0.00305	0.005345	-0.03062	0.031231
39.45048	-0.00244	0.004123	-0.03001	0.030388
39.45284	-0.00183	0.004734	-0.02756	0.028028

39.4552	-0.00183	0.006567	-0.02879	0.029582
39.45756	-0.00183	0.007177	-0.02756	0.028543
39.45993	-0.00305	0.004734	-0.02756	0.028134
39.46229	-0.00122	0.004734	-0.02695	0.027393
39.46465	-0.00061	0.004123	-0.02695	0.027274
39.46702	-0.00244	0.003512	-0.02573	0.026085
39.46938	-0.00183	0.003512	-0.0239	0.024226
39.47174	-0.00244	0.005345	-0.02207	0.022836
39.4741	-0.00061	0.005345	-0.02085	0.021528
39.47647	-0.00183	0.004734	-0.02085	0.021454
39.47883	0.001833	0.003512	-0.01962	0.020019
39.48119	-0.00122	0.002291	-0.01779	0.017979
39.48356	-0.00122	0.003512	-0.01596	0.016386
39.48592	-0.00122	0.002902	-0.01413	0.014472
39.48828	-0.00122	0.003512	-0.01351	0.014017
39.49064	-0.00122	0.002902	-0.01107	0.011511
39.49301	-0.00244	0.002291	-0.00924	0.009827
39.49537	-0.00244	0.00168	-0.00802	0.008548
39.49773	-0.00183	0.003512	-0.00924	0.010053
39.5001	-0.00183	0.004123	-0.00557	0.007171
39.50246	-0.00244	0.003512	-0.00496	0.006553
39.50482	-0.00061	0.002291	-0.00374	0.004429
39.50718	-0.00122	0.002902	-0.00313	0.00444
39.50955	-0.00183	0.002291	-0.00313	0.00429
39.51191	-0.00122	0.003512	-0.00252	0.004492
39.51427	-0.00122	0.002291	-7.6E-05	0.002597
39.51664	-0.00244	0.002291	-0.00069	0.003419
39.519	-0.00122	0.002291	-0.0013	0.002903
39.52136	-0.00183	0.003512	-7.6E-05	0.003962
39.52372	-0.00122	0.00168	0.001145	0.002372
39.52609	0	0.002902	-0.00069	0.002982
39.52845	-0.00183	0.00168	0.001756	0.003044
39.53081	-0.00183	0.002902	-7.6E-05	0.003433
39.53318	-0.00183	0.00168	0.001756	0.003044
39.53554	-0.00244	0.002902	0.001145	0.003962
39.5379	-0.00061	0.00168	0.001756	0.002506
39.54026	0	0.00168	0.001145	0.002033
39.54263	-0.00244	0.00168	0.002367	0.003794
39.54499	-0.00183	0.003512	0.002367	0.004615
39.54735	0	0.003512	0.002367	0.004236
39.54972	0.000611	0.003512	0.002367	0.004279
39.55208	-0.00061	0.003512	0.001756	0.003974
39.55444	0.001222	0.003512	0.001145	0.003891
39.5568	-0.00061	0.002291	-0.00069	0.002468
39.55917	0.000611	0.00168	0.001145	0.002123
39.56153	0.000611	0.00168	0.001756	0.002506
39.56389	-0.00061	0.001069	0.002367	0.002668
39.56626	0	0.00168	0.001145	0.002033
39.56862	-0.00061	0.002291	0.001756	0.00295
39.57098	0	0.001069	0.000534	0.001195
39.57334	-0.00183	0.00168	0.002978	0.003879
39.57571	0.001222	0.002902	0.001756	0.003605

39.57807	0	0.001069	0.002367	0.002597
39.58043	-0.00061	-0.00015	0.001756	0.001866
39.58279	0.001222	-0.00015	0.001756	0.002145
39.58516	-0.00122	0.001069	-0.00069	0.001763
39.58752	-0.00061	-0.00076	0.000534	0.001114
39.58988	-0.00122	0.000458	-0.00069	0.001475
39.59225	-0.00061	-0.00015	0.002978	0.003044
39.59461	0.000611	0.001069	0.001145	0.001682
39.59697	0.000611	0.000458	0.001145	0.001377
39.59933	0	0.001069	0.000534	0.001195
39.6017	-0.00122	0.001069	0.001756	0.002392
39.60406	-0.00183	0.001069	0.001145	0.002411
39.60642	-0.00061	0.002902	0.000534	0.003013
39.60879	-0.00122	0.001069	0.001756	0.002392
39.61115	-0.00122	0.002291	0.001145	0.002838
39.61351	-0.00244	0.003512	0.000534	0.004312
39.61587	-0.00122	0.004123	0.001756	0.004645
39.61824	-0.00122	0.002902	-7.6E-05	0.003149
39.6206	-0.00122	0.001069	0.000534	0.001709
39.62296	-0.00244	0.002291	0.001756	0.003782
39.62533	-0.00122	0.00168	0.001145	0.002372
39.62769	-0.00122	0.002291	-0.00069	0.002686
39.63005	-0.00061	0.002902	-7.6E-05	0.002966
39.63241	-0.00244	0.002291	0.001145	0.00354
39.63478	-0.00061	0.00168	0.000534	0.001866
39.63714	-0.00183	0.00168	0.001756	0.003044
39.6395	-0.00122	0.00168	0.001145	0.002372
39.64187	-0.00244	0.001069	-7.6E-05	0.002668
39.64423	-0.00122	0.002902	0.001145	0.00335
39.64659	-0.00244	0.002902	0.001756	0.00418
39.64895	-0.00183	0.004123	-0.00069	0.004564
39.65132	-0.00244	0.001069	0.001145	0.002903
39.65368	-0.00183	0.001069	-7.6E-05	0.002123
39.65604	-0.00183	0.002902	-0.0013	0.003669
39.65841	-0.00244	0.001069	0.001145	0.002903
39.66077	-0.00305	0.002291	0.001145	0.003986
39.66313	-0.00122	0.00168	-0.0013	0.002449
39.66549	-0.00122	0.002902	-0.00252	0.004032
39.66786	-0.00061	0.001069	-0.0013	0.001789
39.67022	-0.00183	0.00168	-7.6E-05	0.002487
39.67258	-0.00183	0.002902	-7.6E-05	0.003433
39.67495	-0.00122	0.002291	0.001145	0.002838
39.67731	-0.00367	0.002902	-7.6E-05	0.004675
39.67967	-0.00183	0.003512	-7.6E-05	0.003962
39.68203	-0.00183	0.00168	0.000534	0.002543
39.6844	-0.00367	0.003512	0.000534	0.005104
39.68676	-0.00367	0.004123	-0.00374	0.006666
39.68912	-0.00305	0.004123	-0.00252	0.005717
39.69149	-0.00489	0.005345	-0.00435	0.008449
39.69385	-0.0055	0.007177	-0.00557	0.010621
39.69621	-0.00305	0.004123	-0.00557	0.007576
39.69857	-0.00244	0.005345	-0.00618	0.008532

39.70094	-0.00061	0.002902	-0.00741	0.007978
39.7033	-0.00122	0.003512	-0.00924	0.009959
39.70566	-0.00305	0.002902	-0.00985	0.010713
39.70802	-0.00244	0.002902	-0.00863	0.009425
39.71039	-0.00122	0.002902	-0.0068	0.007489
39.71275	0	0.003512	-0.00496	0.00608
39.71511	-0.00061	0.003512	-0.00557	0.006617
39.71748	-0.00183	0.005956	-0.0068	0.00922
39.71984	-0.00122	0.004123	-0.0068	0.008042
39.7222	-0.00183	0.004734	-0.00374	0.006306
39.72456	-0.00122	0.004734	-0.00374	0.006156
39.72693	-0.00244	0.004123	-0.00435	0.006474
39.72929	-0.00122	0.003512	-0.00313	0.004861
39.73165	0.000611	0.002291	-0.00191	0.003044
39.73402	0	0.004123	-0.00313	0.005177
39.73638	-0.00183	0.002291	-0.00252	0.003867
39.73874	-0.00244	0.004123	-0.00374	0.00608
39.7411	-0.00183	0.002291	-0.00313	0.00429
39.74347	-0.00122	0.002902	-0.00374	0.00489
39.74583	-0.00244	0.004123	-0.00557	0.007351
39.74819	0.000611	0.001069	-0.00435	0.004523
39.75056	0	0.000458	-0.00069	0.000826
39.75292	0.000611	-0.00015	-0.00069	0.000932
39.75528	0.001833	0.000458	-0.00252	0.003149
39.75764	-0.00122	-0.00015	-0.00313	0.003364
39.76001	-0.00061	0.00168	-0.00191	0.002615
39.76237	0.000611	0.001069	-0.00252	0.002804
39.76473	-0.00061	-0.00015	-0.0013	0.001443
39.7671	-0.00061	0.002291	-0.0013	0.002703
39.76946	0	0.001069	-0.00069	0.001271
39.77182	0.001833	0.000458	-0.00069	0.00201
39.77418	0	0.001069	-0.0013	0.001682
39.77655	-0.00061	0.00168	-0.00191	0.002615
39.77891	0	0.000458	-0.0013	0.001377
39.78127	-0.00244	0.00168	0.001756	0.003446
39.78364	-0.00122	0.002902	-0.00069	0.003222
39.786	0	0.001069	-7.6E-05	0.001072
39.78836	0.000611	0.001069	-0.0013	0.001789
39.79072	-0.00061	0.001069	0.000534	0.001342
39.79309	-0.00061	0.002291	-7.6E-05	0.002372
39.79545	-0.00061	0.002291	-0.0013	0.002703
39.79781	0	0.004123	-0.0013	0.004323
39.80018	0	0.002902	0.000534	0.00295
39.80254	0.000611	0.00168	0.001145	0.002123
39.8049	-0.00061	0.001069	-0.00069	0.00141
39.80726	-0.00122	0.002291	-0.00069	0.002686
39.80963	-0.00061	0.002291	-0.00069	0.002468
39.81199	0	0.002291	0.000534	0.002352
39.81435	-0.00061	0.00168	-0.00069	0.001915
39.81672	0	0.002291	0.001145	0.002561
39.81908	0.001222	0.001069	-0.0013	0.002079
39.82144	0	0.00168	0.001756	0.00243

39.8238	0	0.003512	-7.6E-05	0.003513
39.82617	0	0.004123	-0.00069	0.00418
39.82853	0.000611	0.001069	0.001145	0.001682
39.83089	0	0.002291	0.000534	0.002352
39.83325	0.000611	0.002291	-7.6E-05	0.002372
39.83562	0.000611	0.001069	-7.6E-05	0.001234
39.83798	0	0.00168	-0.00069	0.001815
39.84034	-0.00183	0.002902	-7.6E-05	0.003433
39.84271	-0.00061	0.00168	0.001756	0.002506
39.84507	0	0.00168	-7.6E-05	0.001682
39.84743	-0.00061	0.00168	0.000534	0.001866
39.84979	0.000611	0.00168	0.001145	0.002123
39.85216	0.000611	0.00168	-0.00313	0.003605
39.85452	0	0.002291	0.001145	0.002561
39.85688	-0.00061	-0.00076	-0.00069	0.001195
39.85925	0.000611	0.003512	0.000534	0.003605
39.86161	-0.00122	0.003512	-0.00069	0.003782
39.86397	-0.00061	0.002291	0.000534	0.00243
39.86633	-0.00061	-0.00137	0.001145	0.00189
39.8687	0.000611	-0.00076	-7.6E-05	0.000981
39.87106	0.001833	0.002902	-0.00069	0.0035
39.87342	0.001222	0.002291	0.001145	0.002838
39.87579	-0.00183	0.002291	0.001145	0.003149
39.87815	-0.00061	0.00168	0.000534	0.001866
39.88051	0	0.00168	-0.0013	0.002123
39.88287	0	0.003512	-0.00191	0.003998
39.88524	-0.00061	0.002291	-7.6E-05	0.002372
39.8876	0.000611	0.002291	0.001145	0.002633
39.88996	0.000611	0.00168	0.001756	0.002506
39.89233	-0.00061	0.002902	-7.6E-05	0.002966
39.89469	-0.00122	0.002902	-0.00191	0.003682
39.89705	0.001222	0.001069	-0.00252	0.002997
39.89941	0.001222	0.000458	-0.00191	0.002312
39.90178	0.000611	0.00168	-0.00435	0.004705
39.90414	0.001222	-0.00015	-0.00252	0.002804
39.9065	0.001222	-0.0026	-0.00618	0.006818
39.90887	0.003665	0.005345	-0.00985	0.011791
39.91123	0.001833	0.00901	-0.00924	0.013035
39.91359	0	0.005956	-0.01046	0.012037
39.91595	-0.00244	-0.00199	-0.00985	0.010341
39.91832	-0.00061	-0.00321	-0.01168	0.01213
39.92068	0.000611	-0.00076	-0.01046	0.010506
39.92304	0	0.002902	-0.00924	0.009684
39.92541	-0.00122	0.002902	-0.00924	0.009761
39.92777	-0.00183	0.000458	-0.00924	0.00943
39.93013	0	0.001069	-0.00802	0.008088
39.93249	-0.00061	-0.00076	-0.00802	0.008077
39.93486	0.000611	0.000458	-0.00802	0.008054
39.93722	0.000611	0.000458	-0.00924	0.009271
39.93958	-0.00183	-0.00076	-0.00924	0.00945
39.94194	-0.00183	0.00168	-0.00924	0.009568
39.94431	-0.00122	0.002902	-0.00985	0.010341

39.94667	-0.00183	0.00168	-0.00985	0.010159
39.94903	-0.00122	0.002291	-0.00802	0.008427
39.9514	-0.00122	0.002291	-0.00802	0.008427
39.95376	-0.00061	0.00168	-0.00863	0.008811
39.95612	0	0.002291	-0.0129	0.013106
39.95848	-0.00183	0.003512	-0.00985	0.010617
39.96085	-0.00183	0.003512	-0.01107	0.011759
39.96321	-0.00305	0.001069	-0.01535	0.015685
39.96557	0.001222	-0.00076	-0.01413	0.014199
39.96794	-0.00183	0.004123	-0.01779	0.018354
39.9703	-0.00183	0.005345	-0.0184	0.01925
39.97266	-0.00244	0.002291	-0.01962	0.019907
39.97502	-0.00244	0.001069	-0.01962	0.019804
39.97739	-0.00122	-0.00015	-0.01962	0.019662
39.97975	0.000611	0.001069	-0.01962	0.019662
39.98211	0.001222	0.002291	-0.01901	0.019189
39.98448	-0.00061	-0.00137	-0.01779	0.017854
39.98684	0	-0.00015	-0.01962	0.019624
39.9892	-0.00061	0.002902	-0.01962	0.019846
39.99156	-0.00122	0.00168	-0.0184	0.018519
39.99393	-0.00122	0.000458	-0.01779	0.017839
39.99629	-0.00244	0.000458	-0.01779	0.017964
39.99865	-0.00122	0.002291	-0.01779	0.017979
40.00102	-0.00061	-0.00015	-0.0184	0.018413
40.00338	0	0.001069	-0.0184	0.018433
40.00574	0.001833	0.001069	-0.02085	0.020953
40.0081	0.000611	0.000458	-0.02023	0.020249
40.01047	0.000611	0.000458	-0.0184	0.018418
40.01283	-0.00183	0.00168	-0.02146	0.0216
40.01519	-0.00122	0.00168	-0.01962	0.019733
40.01756	0.000611	0.00168	-0.01779	0.01788
40.01992	0.000611	0.00168	-0.01779	0.01788
40.02228	0.001833	0.000458	-0.0184	0.018498
40.02464	0	0.002291	-0.01657	0.016727
40.02701	-0.00183	0.001069	-0.01351	0.01368
40.02937	0.000611	0.002291	-0.01596	0.016134
40.03173	0	0.002902	-0.01596	0.01622
40.0341	-0.00061	0.00168	-0.01535	0.015451
40.03646	-0.00305	0.003512	-0.01535	0.016038
40.03882	-0.00183	0.004123	-0.01535	0.015997
40.04118	-0.00122	0.004123	-0.01535	0.015939
40.04355	-0.00061	0.002902	-0.01474	0.015032
40.04591	0	0.002902	-0.01474	0.01502
40.04827	0	0.004123	-0.01168	0.012389
40.05064	0	0.005345	-0.01351	0.014534
40.053	-0.00183	0.005956	-0.01168	0.01324
40.05536	-0.00183	0.004734	-0.0129	0.013867
40.05772	-0.00122	0.002902	-0.01229	0.01269
40.06009	-0.00122	0.004734	-0.01535	0.016107
40.06245	0	0.003512	-0.01351	0.013964
40.06481	0	0.00168	-0.01413	0.014225
40.06717	0.000611	0.002902	-0.01351	0.013836

40.06954	0	0.002291	-0.01474	0.014914
40.0719	0	0.00168	-0.01474	0.014832
40.07426	0.000611	0.00168	-0.01474	0.014845
40.07663	0	0.001069	-0.0129	0.012948
40.07899	0.001833	0.001069	-0.01351	0.01368
40.08135	0.000611	0.001069	-0.01351	0.013571
40.08371	0.000611	0.002291	-0.01351	0.013721
40.08608	-0.00061	0.004123	-0.01413	0.014728
40.08844	-0.00183	0.003512	-0.0129	0.013499
40.0908	-0.00183	0.002291	-0.01474	0.015026
40.09317	0	0.000458	-0.0129	0.012912
40.09553	-0.00122	0.00168	-0.0129	0.01307
40.09789	-0.00061	0.00168	-0.01474	0.014845
40.10025	-0.00061	-0.00321	-0.01535	0.015691
40.10262	0.000611	0.004123	-0.01657	0.017085
40.10498	0.001222	0.012064	-0.01535	0.01956
40.10734	0.001222	0.008399	-0.01596	0.018075
40.10971	0.000611	-0.00015	-0.01718	0.017192
40.11207	-0.00183	-0.00443	-0.01657	0.017248
40.11443	-0.00061	-0.0026	-0.01535	0.015578
40.11679	-0.00183	-0.00809	-0.01535	0.017447
40.11916	-0.00244	0.005345	-0.01962	0.020485
40.12152	0.002443	0.024892	-0.01901	0.031418
40.12388	0.001222	0.00901	-0.01351	0.016289
40.12625	0	-0.00626	-0.01046	0.012191
40.12861	-0.00367	-0.00321	-0.01229	0.013223
40.13097	-0.00244	0.005956	-0.0129	0.014421
40.13333	-0.00122	0.003512	-0.01107	0.011679
40.1357	-0.00183	-0.00015	-0.00985	0.01002
40.13806	-0.00244	0.000458	-0.01107	0.011347
40.14042	-0.00305	0.003512	-0.01107	0.01201
40.14279	0	0.004123	-0.00924	0.010117
40.14515	-0.00061	0.002291	-0.00802	0.008361
40.14751	0.001222	-0.00076	-0.00985	0.009955
40.14987	0	0.000458	-0.00985	0.009861
40.15224	0	0.001069	-0.01046	0.010515
40.1546	0.000611	-0.00321	-0.01229	0.012719
40.15696	-0.00122	0.002291	-0.01413	0.014362
40.15933	-0.00122	0.012064	-0.00863	0.014882
40.16169	0	0.010232	-0.01168	0.01553
40.16405	-0.00183	0.001069	-0.01229	0.012475
40.16641	-0.00122	-0.0087	-0.01229	0.015112
40.16878	-0.00244	-0.00932	-0.01229	0.015616
40.17114	0.001833	0.017562	-0.0129	0.02187
40.1735	0.001833	0.014508	-0.00802	0.016677
40.17587	-0.00183	-0.00015	-0.00924	0.00942
40.17823	-0.00428	-0.00382	-0.00924	0.010873
40.18059	-0.0055	0.003512	-0.0068	0.00942
40.18295	-0.00183	0.005956	-0.0068	0.00922
40.18532	0	0.002902	-0.00618	0.006832
40.18768	-0.00183	-0.00076	-0.00252	0.003208
40.19004	-0.00122	0.002902	-0.00252	0.004032

40.1924	0.001222	0.003512	0.001145	0.003891
40.19477	0.001833	0.004734	0.000534	0.005104
40.19713	-0.00061	0.002902	0.002978	0.004202
40.19949	0	-0.00137	0.002978	0.00328
40.20186	0	0.001069	0.000534	0.001195
40.20422	-0.00183	0.00168	-7.6E-05	0.002487
40.20658	-0.00183	0.001069	-0.00069	0.00223
40.20894	0	-0.00137	0.000534	0.001475
40.21131	0.001222	0.000458	0.001756	0.002188
40.21367	-0.00061	0.000458	0.002367	0.002487
40.21603	-0.00122	-0.00076	0.001756	0.002272
40.2184	0.000611	-0.00321	0.001756	0.003707
40.22076	0.000611	-0.00382	-0.00069	0.003927
40.22312	0.001222	-0.00504	-7.6E-05	0.005186
40.22548	0.001222	-0.0026	-0.0013	0.003149
40.22785	0.000611	-0.00199	-0.00069	0.002188
40.23021	0.000611	-0.00137	-7.6E-05	0.001506
40.23257	0	-0.00321	-0.0013	0.00346
40.23494	0	-0.00382	0.001756	0.004202
40.2373	0.000611	-0.00626	0.009086	0.011052
40.23966	0.000611	-0.00504	0.020692	0.021306
40.24202	0.001222	0.002291	0.038407	0.038495
40.24439	-0.00183	0.013897	0.058565	0.060219
40.24675	-0.00611	0.039552	0.072614	0.082913
40.24911	-0.01283	0.060932	0.100713	0.118408
40.25148	-0.01894	0.067651	0.13431	0.151573
40.25384	-0.02199	0.067651	0.169739	0.184043
40.2562	-0.02321	0.070095	0.203336	0.216327
40.25856	-0.02504	0.071316	0.225937	0.238245
40.26093	-0.02321	0.071927	0.247928	0.259192
40.26329	-0.01894	0.055434	0.257701	0.264275
40.26565	-0.01405	0.026114	0.268086	0.269721
40.26802	-0.01283	0.031	0.279692	0.281697
40.27038	-0.01038	0.065208	0.302904	0.310017
40.27274	-0.00733	0.096972	0.346885	0.360259
40.2751	-0.00305	0.111632	0.410413	0.425335
40.27747	0.003665	0.104302	0.48005	0.491264
40.27983	0.006719	0.075592	0.55946	0.564584
40.28219	0.008552	0.051158	0.648033	0.650105
40.28456	0.01466	0.055434	0.739049	0.74127
40.28692	0.012217	0.063375	0.803799	0.806386
40.28928	0.009774	0.074371	0.849001	0.852309
40.29164	0.016493	0.077425	0.88382	0.887358
40.29401	0.025656	0.04505	0.91986	0.921319
40.29637	0.038483	0.004734	0.955289	0.956075
40.29873	0.047035	-0.03436	1.024315	1.025969
40.3011	0.03604	-0.00015	1.10006	1.10065
40.30346	0.018325	0.038942	1.158701	1.1595
40.30582	-0.00061	0.008399	1.161144	1.161175
40.30818	-0.00183	-0.00199	1.131824	1.131827
40.31055	0.014049	0.007788	1.08601	1.086129
40.31291	0.026877	-0.00626	1.046305	1.046669

40.31527	0.034207	-0.05574	0.994994	0.997141
40.31763	0.019547	-0.05757	0.907643	0.909677
40.32	-0.00672	-0.01909	0.812961	0.813213
40.32236	-0.02932	-0.00443	0.737827	0.738423
40.32472	-0.03176	-0.03375	0.702398	0.703925
40.32709	-0.02077	-0.07162	0.685294	0.68934
40.32945	-0.01038	-0.06735	0.663915	0.667402
40.33181	-0.00611	-0.04047	0.65353	0.654811
40.33417	-0.00489	-0.03619	0.657195	0.658209
40.33654	-0.01344	-0.07834	0.65353	0.658346
40.3389	-0.00855	-0.08201	0.662082	0.667196
40.34126	0.010384	-0.08262	0.655974	0.661237
40.34363	0.037873	-0.11316	0.650476	0.661331
40.34599	0.048868	-0.16752	0.648033	0.671118
40.34835	0.032375	-0.1211	0.648033	0.660045
40.35071	0.012217	-0.08323	0.630318	0.635906
40.35308	-0.03665	-0.16447	0.575953	0.600096
40.35544	-0.0843	-0.19746	0.525863	0.568003
40.3578	-0.12156	-0.10216	0.487991	0.513175
40.36017	-0.16187	-0.02764	0.448896	0.477991
40.36253	-0.16798	-0.00626	0.391477	0.426042
40.36489	-0.12583	-0.05207	0.356658	0.381774
40.36725	-0.0617	-0.1211	0.313899	0.342059
40.36962	0.010995	-0.07101	0.333446	0.341101
40.37198	0.059252	0.023059	0.375595	0.380938
40.37434	0.071469	0.048104	0.370097	0.379992
40.37671	0.050089	0.012064	0.329781	0.333782
40.37907	0.025656	-0.01054	0.298628	0.299913
40.38143	0.015271	-0.03008	0.268086	0.2702
40.38379	0.012217	-0.07529	0.231435	0.243679
40.38616	-0.00244	-0.11255	0.195395	0.225504
40.38852	-0.02138	-0.08323	0.152025	0.174629
40.39088	-0.04826	-0.02886	0.115374	0.128347
40.39325	-0.05498	-0.02825	0.087275	0.106946
40.39561	-0.04459	-0.0533	0.072004	0.100067
40.39797	-0.02871	-0.03986	0.06956	0.085156
40.40033	-0.01222	-0.0026	0.064673	0.065868
40.4027	0.00733	0.022449	0.073225	0.076939
40.40506	0.018325	0.019394	0.093994	0.097708
40.40742	0.023823	0.011453	0.125758	0.128506
40.40979	0.025045	0.000458	0.156301	0.158295
40.41215	0.018325	-0.01603	0.164242	0.166037
40.41451	0.011606	-0.0026	0.174626	0.17503
40.41687	0.010384	0.057267	0.175848	0.185229
40.41924	0.01466	0.104302	0.165463	0.196143
40.4216	0.020769	0.085366	0.145305	0.169801
40.42396	0.030542	0.029168	0.128812	0.135559
40.42632	0.032986	0.006567	0.117206	0.121936
40.42869	0.027488	0.031	0.120261	0.127198
40.43105	0.018325	0.077425	0.115374	0.140148
40.43341	0.017104	0.104913	0.100103	0.146013
40.43578	0.019547	0.108578	0.082999	0.138058

40.43814	0.033597	0.109189	0.055511	0.127013
40.4405	0.032375	0.07376	0.032299	0.086786
40.44286	0.023823	0.035276	0.013973	0.044802
40.44523	0.015882	0.040163	0.0042	0.043393
40.44759	0.015271	0.065208	-0.0129	0.068204
40.44995	0.015882	0.070095	-0.03489	0.079895
40.45232	0.012217	0.053602	-0.05933	0.080884
40.45468	0.010995	0.026725	-0.07643	0.081713
40.45704	0.005498	0.003512	-0.09231	0.092545
40.4594	0	-0.00687	-0.11003	0.110243
40.46177	-0.00489	-0.0026	-0.12958	0.129694
40.46413	-0.01222	0.000458	-0.14851	0.149015
40.46649	-0.01527	0.005345	-0.16378	0.164581
40.46886	-0.0171	0.002902	-0.17905	0.179893
40.47122	-0.01038	0.00168	-0.19494	0.19522
40.47358	0	-0.00565	-0.21021	0.210284
40.47594	0.012217	-0.00626	-0.22975	0.230165
40.47831	0.020769	-0.00321	-0.25052	0.251404
40.48067	0.02138	0.000458	-0.26518	0.266045
40.48303	0.017715	0.004123	-0.26702	0.267635
40.4854	0.010384	0.013286	-0.25602	0.256576
40.48776	-0.00122	0.034055	-0.25541	0.257674
40.49012	-0.011	0.035887	-0.26763	0.270247
40.49248	-0.01344	0.007788	-0.26946	0.269907
40.49485	-0.01466	-0.01298	-0.24258	0.243372
40.49721	-0.01466	-0.00199	-0.18761	0.188189
40.49957	-0.02199	0.006567	-0.1143	0.116586
40.50194	-0.02932	-0.00809	-0.04528	0.054547
40.5043	-0.02504	-0.02825	-0.02451	0.045013
40.50666	-0.011	-0.01237	-0.02085	0.026616
40.50902	0.002443	0.021227	-0.01596	0.026669
40.51139	0.004276	0.031	-0.00618	0.031899
40.51375	0.000611	0.020005	-0.00191	0.020105
40.51611	-0.00489	0.009621	0.001756	0.010933
40.51848	-0.00794	0.008399	0.001756	0.011691
40.52084	-0.00794	0.008399	-0.00069	0.011579
40.5232	-0.00672	0.007177	-0.00191	0.010015
40.52556	-0.00489	0.005956	-0.00313	0.008316
40.52793	-0.00367	0.007788	-0.00618	0.010599
40.53029	-0.00305	0.008399	-0.0068	0.011227
40.53265	-0.00489	0.013897	-0.00863	0.017072
40.53502	-0.00305	0.015118	-0.01168	0.019349
40.53738	-0.00122	0.00901	-0.01535	0.017839
40.53974	-0.00061	0.004123	-0.01474	0.015315
40.5421	-0.00305	0.015118	-0.02023	0.025443
40.54447	-0.0055	0.017562	-0.02207	0.028733
40.54683	-0.00489	0.002902	-0.01779	0.018677
40.54919	0.000611	-0.00748	-0.01657	0.018191
40.55155	0.006719	-0.00993	-0.02085	0.024046
40.55392	0.006108	0.007788	-0.01962	0.021978
40.55628	-0.00244	0.029779	-0.0184	0.035091
40.55864	-0.0055	0.028557	-0.02146	0.03614

40.56101	-0.00489	0.00901	-0.02207	0.024331
40.56337	0	0.000458	-0.02634	0.026347
40.56573	0.009774	0.002291	-0.02818	0.02991
40.56809	0.011606	0.006567	-0.03306	0.03565
40.57046	0.008552	0.012675	-0.05994	0.061859
40.57282	0.001833	0.023059	-0.07888	0.082198
40.57518	-0.00428	0.02367	-0.07399	0.077801
40.57755	-0.00611	0.019394	-0.07888	0.081454
40.57991	-0.00428	0.012675	-0.08804	0.089049
40.58227	-0.00428	0.012064	-0.09537	0.096224
40.58463	-0.00428	0.019394	-0.10148	0.103402
40.587	-0.0055	0.024281	-0.10392	0.106861
40.58936	-0.0055	0.019394	-0.11369	0.115467
40.59172	-0.00428	0.014508	-0.12774	0.128636
40.59409	-0.00061	0.022449	-0.1424	0.144164
40.59645	-0.00183	0.025503	-0.1589	0.160941
40.59881	-0.00305	0.023059	-0.17844	0.179953
40.60117	-0.00428	0.017562	-0.1986	0.199423
40.60354	-0.00489	0.016951	-0.22487	0.225559
40.6059	-0.00367	0.016951	-0.24686	0.247467
40.60826	-0.00305	0.013897	-0.26702	0.267395
40.61063	0.001222	0.010843	-0.28901	0.289213
40.61299	0.006108	0.011453	-0.31405	0.31432
40.61535	0.009774	0.008399	-0.33665	0.3369
40.61771	0.009774	-0.0026	-0.35864	0.358786
40.62008	0.010995	-0.01542	-0.38613	0.386596
40.62244	0.012217	-0.02825	-0.40751	0.408672
40.6248	0.009163	-0.03864	-0.41057	0.412481
40.62717	0.003665	-0.03131	-0.39957	0.400812
40.62953	-0.00183	-0.0307	-0.3788	0.380048
40.63189	-0.00794	-0.05696	-0.35376	0.358401
40.63425	-0.01161	-0.06551	-0.35437	0.36056
40.63662	-0.00916	-0.05879	-0.36658	0.371383
40.63898	-0.00428	-0.0649	-0.36048	0.366297
40.64134	-0.00367	-0.08017	-0.3562	0.36513
40.64371	-0.00977	-0.08995	-0.3562	0.367511
40.64607	-0.02016	-0.09239	-0.36109	0.373264
40.64843	-0.02688	-0.10583	-0.36292	0.378989
40.65079	-0.02871	-0.12232	-0.37391	0.394461
40.65316	-0.02077	-0.10705	-0.38552	0.400647
40.65552	-0.01222	-0.09422	-0.38735	0.398836
40.65788	-0.00733	-0.10522	-0.3788	0.393212
40.66025	-0.00183	-0.08689	-0.36048	0.370806
40.66261	0.006108	-0.04047	-0.32871	0.33125
40.66497	0.010384	-0.02031	-0.29023	0.291124
40.66733	0.012828	-0.04291	-0.25052	0.254496
40.6697	0.010384	-0.08201	-0.21143	0.227014
40.67206	0	-0.10461	-0.18028	0.208428
40.67442	-0.01405	-0.09483	-0.15096	0.178825
40.67678	-0.02688	-0.07223	-0.12591	0.147626
40.67915	-0.03543	-0.06612	-0.11675	0.138772
40.68151	-0.03604	-0.05085	-0.1082	0.124865

40.68387	-0.02871	0.002291	-0.09903	0.103137
40.68624	-0.00611	0.049937	-0.10331	0.114908
40.6886	0.018936	0.046272	-0.10514	0.116424
40.69096	0.031764	0.011453	-0.1143	0.119188
40.69332	0.029932	-0.00932	-0.12713	0.13094
40.69569	0.025045	-0.0197	-0.12163	0.125739
40.69805	0.015882	-0.02642	-0.11553	0.119568
40.70041	0.00733	-0.02398	-0.10575	0.108684
40.70278	-0.00611	-0.01115	-0.11125	0.111974
40.70514	-0.01038	-0.00932	-0.12713	0.127896
40.7075	-0.01283	-0.00382	-0.14973	0.150331
40.70986	-0.00489	0.013897	-0.17905	0.17966
40.71223	0.009163	0.023059	-0.19677	0.198328
40.71459	0.021991	0.01634	-0.21265	0.214409
40.71695	0.031153	0.000458	-0.22731	0.229437
40.71932	0.036651	-0.00076	-0.25113	0.253796
40.72168	0.026877	0.019394	-0.24808	0.250285
40.72404	0.017104	0.019394	-0.22365	0.225136
40.7264	0.006108	-0.00199	-0.22242	0.222517
40.72877	0.004887	-0.00687	-0.2438	0.24395
40.73113	0.008552	0.007177	-0.26213	0.262367
40.73349	0.015882	0.029168	-0.26579	0.267862
40.73586	0.013439	0.047493	-0.24564	0.250547
40.73822	0.009163	0.027335	-0.23464	0.236406
40.74058	0.018936	-0.00015	-0.23159	0.23236
40.74294	0.021991	-0.00382	-0.20838	0.209567
40.74531	0.015271	0.026114	-0.17967	0.182194
40.74767	0.004276	0.040774	-0.16012	0.165284
40.75003	0.001833	0.024892	-0.15706	0.159035
40.7524	0.004276	-0.00993	-0.15096	0.151342
40.75476	0.004887	-0.01909	-0.14973	0.151025
40.75712	0.00733	-0.0026	-0.16928	0.16946
40.75948	0.007941	0.007788	-0.16134	0.161723
40.76185	0.00733	0.031	-0.1424	0.145923
40.76421	0.000611	0.046883	-0.13141	0.139523
40.76657	-0.00672	0.038942	-0.12163	0.127893
40.76894	-0.00428	0.02367	-0.10331	0.106073
40.77113	-0.00183	0.005956	-0.07765	0.077904
40.77366	-0.0055	0.00168	-0.05261	0.052922
40.77602	-0.00794	0.018784	-0.03734	0.042544
40.77839	-0.01405	0.048715	-0.03001	0.058915
40.78075	-0.02138	0.055434	-0.02634	0.064992
40.78311	-0.0226	0.027946	-0.04039	0.054068
40.78548	-0.00672	-0.00809	-0.05139	0.052453
40.78784	0.003665	-0.00932	-0.06666	0.067406
40.7902	0.001222	0.005956	-0.07093	0.071195
40.79256	-0.00305	0.00901	-0.08132	0.081874
40.79493	-0.01222	0.004734	-0.10026	0.101108
40.79729	-0.01283	-0.00199	-0.11797	0.118682
40.79965	0.004276	-0.01481	-0.12958	0.13049
40.80201	0.024434	-0.03314	-0.13385	0.140041
40.80438	0.025656	-0.03253	-0.12774	0.134293

40.80674	0.004276	-0.00015	-0.12102	0.1211
40.8091	-0.01344	0.023059	-0.12102	0.123932
40.81147	-0.01894	0.005956	-0.12897	0.130484
40.81383	-0.01344	-0.02581	-0.1308	0.133995
40.81619	-0.01038	-0.02764	-0.1589	0.161617
40.81855	-0.01222	0.002291	-0.21326	0.213624
40.82092	-0.01283	0.016951	-0.24197	0.242904
40.82328	-0.01527	-0.00993	-0.23464	0.235348
40.82564	-0.0171	-0.03314	-0.21815	0.221313
40.82801	-0.02688	-0.01603	-0.18211	0.184779
40.83037	-0.03115	0.005956	-0.13935	0.142914
40.83273	-0.03421	0.015118	-0.11064	0.11679
40.83509	-0.03299	0.024892	-0.09598	0.104497
40.83746	-0.03115	0.043828	-0.0917	0.106306
40.83982	-0.02443	0.051769	-0.09109	0.107587
40.84218	-0.01283	0.043217	-0.09537	0.105487
40.84455	-0.00428	0.020616	-0.08682	0.089333
40.84691	0.004887	-0.03803	-0.07032	0.080095
40.84927	0.005498	-0.06796	-0.07216	0.099272
40.85163	-0.00733	-0.01054	-0.1198	0.120488
40.854	-0.00367	0.056656	-0.18761	0.196009
40.85636	0.012217	0.092085	-0.27007	0.2856
40.85872	0.042148	0.092085	-0.28779	0.305085
40.86109	0.03604	0.008399	-0.29878	0.301064
40.86345	0.006719	-0.06002	-0.33299	0.33842
40.86581	-0.01466	-0.06551	-0.36231	0.368476
40.86817	-0.01894	-0.03803	-0.38125	0.383604
40.87054	0	-0.04352	-0.38613	0.388577
40.8729	0.02871	-0.05146	-0.35987	0.364659
40.87526	0.038483	-0.00993	-0.27251	0.275397
40.87763	0.025045	0.056045	-0.20349	0.212546
40.87999	0	0.122628	-0.14607	0.190719
40.88235	-0.01649	0.070706	-0.10575	0.128277
40.88471	0.003054	-0.07407	-0.08559	0.113232
40.88708	0.023823	-0.09117	-0.07949	0.123278
40.88944	0.011606	0.032833	-0.07093	0.079022
40.8918	-0.02077	0.127514	-0.06544	0.144821
40.89417	-0.04032	0.079257	-0.07643	0.117256
40.89653	-0.02749	-0.03375	-0.0801	0.09116
40.89889	0.00733	-0.09117	-0.05811	0.10836
40.90125	0.023212	-0.0423	-0.02573	0.054684
40.90362	0.003665	0.044439	-0.01413	0.046774
40.90598	-0.0226	0.061543	-0.02879	0.071603
40.90834	-0.02993	0.008399	-0.03612	0.047653
40.91071	-0.02016	-0.03925	-0.03734	0.0578
40.91307	-0.01038	-0.03253	-0.04528	0.05671
40.91543	-0.00489	0.002902	-0.0575	0.057776
40.91779	-0.01222	0.027335	-0.05689	0.064284
40.92016	-0.01955	0.034666	-0.06788	0.078686
40.92252	-0.02077	0.020005	-0.07216	0.077705
40.92488	-0.01038	-0.00076	-0.06299	0.063848
40.92724	0.001833	-0.01359	-0.04833	0.050241

40.92961	0.002443	-0.00626	-0.02879	0.02956
40.93197	-0.00367	0.002902	-0.01351	0.014301
40.93433	-0.011	0.009621	0.002367	0.014801
40.9367	-0.01466	0.013286	0.007865	0.021291
40.93906	-0.01283	0.015729	0.008476	0.021995
40.94142	-0.00916	0.015118	0.00481	0.018321
40.94378	-0.00611	0.012064	-0.00069	0.01354
40.94615	-0.00183	0.010232	0.001145	0.010457
40.94851	-0.00122	0.005345	-0.00069	0.005526
40.95087	-0.00183	-0.00809	-0.00252	0.008673
40.95324	-0.00489	-0.01726	0.000534	0.017943
40.9556	-0.00916	-0.00687	0.001145	0.011511
40.95796	-0.01344	0.00901	0.000534	0.016188
40.96032	-0.01038	0.006567	0.001145	0.01234
40.96269	-0.0055	-0.00504	0.002367	0.007825
40.96505	-0.00183	-0.01115	-7.6E-05	0.011298
40.96741	-0.00061	-0.00809	-7.6E-05	0.008117
40.96978	-0.00367	-0.00382	-0.00069	0.005337
40.97214	-0.0055	-0.00321	-0.00252	0.006845
40.9745	-0.00611	-0.00137	-7.6E-05	0.006262
40.97686	-0.00916	-0.00199	-7.6E-05	0.009376
40.97923	-0.00733	-0.00076	0.001756	0.007576
40.98159	-0.00672	-0.00076	0.000534	0.006784
40.98395	-0.00367	-0.00199	-7.6E-05	0.004169
40.98632	-0.00122	-0.00199	-7.6E-05	0.002332
40.98868	-0.00122	-0.00382	-7.6E-05	0.004009
40.99104	-0.00244	-0.00443	-7.6E-05	0.005059
40.9934	-0.00428	-0.0026	0.001145	0.005132
40.99577	-0.00367	0.001069	-0.0013	0.004032
40.99813	-0.00428	0.005345	-7.6E-05	0.006845
41.00049	-0.00367	0.008399	-0.00069	0.00919
41.00286	-0.00672	0.005956	-0.0013	0.009072
41.00522	-0.00428	0.001069	0.001756	0.004745
41.00758	-0.00244	-0.00015	0.001145	0.002703
41.00994	0.000611	0.00168	0.003589	0.004009
41.01231	0	0.001069	0.002367	0.002597
41.01467	0	0.000458	-7.6E-05	0.000464
41.01703	-0.00122	0.002902	0.000534	0.003193
41.0194	-0.00183	0.003512	0.002367	0.004615
41.02176	-0.00367	0.00168	0.001756	0.004398
41.02412	-0.00428	0.000458	-7.6E-05	0.004301
41.02648	-0.00244	0.002291	0.001756	0.003782
41.02885	-0.00122	0.004734	-0.00069	0.004937
41.03121	-0.00061	0.005956	-7.6E-05	0.005987
41.03357	-0.00061	0.005956	0.000534	0.006011
41.03594	0.000611	0.00168	0.001145	0.002123
41.0383	0	0.000458	0.000534	0.000704
41.04066	-0.00122	0.00168	-0.00069	0.002188
41.04302	-0.00122	0.005345	-0.0013	0.005634
41.04539	-0.00061	0.004734	0.001145	0.004909
41.04775	-0.00061	0.003512	-7.6E-05	0.003566
41.05011	-0.00122	-0.00137	0.001756	0.002543

41.05247	0.000611	-0.00076	0.000534	0.001114
41.05484	0	0.000458	0.001756	0.001815
41.0572	0.001222	0.002291	0.000534	0.002651
41.05956	0.000611	0.002902	0.001756	0.003446
41.06193	-0.00122	0.002291	-7.6E-05	0.002597
41.06429	-0.00244	0.001069	-7.6E-05	0.002668
41.06665	-0.00122	0.001069	0.002978	0.003392
41.06901	-0.00061	0.00168	0.001145	0.002123
41.07138	-0.00061	0.000458	0.001756	0.001915
41.07374	-0.00122	0.000458	0.001756	0.002188
41.0761	-0.00305	0.001069	0.002367	0.004009
41.07847	-0.00305	-0.00015	0.001145	0.003265
41.08083	-0.00244	0.001069	0.001756	0.003193
41.08319	-0.00244	0.003512	0.001145	0.004429
41.08555	-0.00305	0.002291	0.000534	0.003855
41.08792	-0.00367	0.002291	0.001145	0.004471
41.09028	-0.00244	-0.00015	0.002367	0.003405
41.09264	-0.00061	-0.00076	0.001145	0.001506
41.09501	-0.00183	-0.0026	0.001145	0.003378
41.09737	0.000611	0.000458	0.002978	0.003074
41.09973	-0.00244	0.000458	0.001756	0.003044
41.10209	-0.00244	0.002291	0.001756	0.003782
41.10446	-0.00183	0.002291	0.001756	0.003419
41.10682	-0.00122	0.00168	0.000534	0.002145
41.10918	-0.00183	0.002902	0.001756	0.003855
41.11155	-0.00183	0.002902	0.002367	0.004169
41.11391	-0.00122	0.003512	0.002367	0.004408
41.11627	-0.00061	0.002291	0.001145	0.002633
41.11863	-0.00122	0.001069	0.001145	0.001987
41.121	0	0.000458	0.000534	0.000704
41.12336	-0.00122	0.002291	0.001756	0.003134
41.12572	-0.00367	0.003512	0.002367	0.005601
41.12809	-0.00244	0.002291	0.002978	0.004482
41.13045	0	-0.00015	0.000534	0.000556
41.13281	-0.00122	0.000458	0.001145	0.001736
41.13517	-0.00122	0.002291	0.002978	0.003951
41.13754	-0.00305	0.002291	0.001145	0.003986
41.1399	-0.00244	0.001069	0.002978	0.003998
41.14226	-0.00305	0.000458	0.001145	0.003294
41.14463	-0.00061	0.001069	0.002367	0.002668
41.14699	-0.00061	-0.00015	0.002367	0.002449
41.14935	-0.00061	0.00168	0.001756	0.002506
41.15171	-0.00061	0.001069	0.000534	0.001342
41.15408	-0.00061	0.000458	0.000534	0.000932
41.15644	-0.00061	0.002291	0.001145	0.002633
41.1588	0	0.002902	0.001145	0.003119
41.16116	-0.00183	0.002902	0.001145	0.003618
41.16353	-0.00183	0.003512	0.000534	0.003998
41.16589	-0.00244	0.003512	0.001145	0.004429
41.16825	-0.00183	0.002291	0.002978	0.00418
41.17062	-0.00183	0.004123	-0.00069	0.004564
41.17298	-0.00244	0.002902	0.001145	0.003962

41.17534	-0.00244	0.002902	0.000534	0.003831
41.1777	-0.00367	0.004123	0.001145	0.005634
41.18007	-0.00183	0.003512	-7.6E-05	0.003962
41.18243	-0.00305	0.002902	0.001145	0.004366
41.18479	-0.00244	0.002291	-0.00069	0.003419
41.18716	-0.00244	0.002291	-7.6E-05	0.00335
41.18952	-0.00305	0.004734	-7.6E-05	0.005634
41.19188	-0.00183	0.002902	-0.00069	0.0035
41.19424	-0.00305	0.002291	0.001756	0.004202
41.19661	-0.00305	0.002902	0.001756	0.004564
41.19897	-0.00305	0.003512	0.001145	0.004793
41.20133	-0.00244	0.004734	0.001145	0.005449
41.2037	-0.00183	0.003512	-0.00069	0.004021
41.20606	-0.00122	0.002291	-7.6E-05	0.002597
41.20842	-0.00122	0.004123	0.001756	0.004645
41.21078	-0.00122	0.004123	-0.00069	0.004355
41.21315	-0.00367	0.003512	0.001145	0.005204
41.21551	-0.00061	0.00168	0.001756	0.002506
41.21787	-0.00183	0.001069	-0.00069	0.00223
41.22024	-0.00244	0.00168	0.002367	0.003794
41.2226	-0.00183	0.002291	0.001756	0.003419
41.22496	-0.00061	0.00168	0.002367	0.002966
41.22732	-0.00244	0.001069	0.002367	0.003566
41.22969	-0.00183	0.00168	0.001145	0.002737
41.23205	-0.00183	0.002291	0.000534	0.002982
41.23441	-0.00183	0.001069	0.001756	0.002754
41.23678	-0.00183	0.002291	0.003589	0.004635
41.23914	-0.00183	0.002291	0.002367	0.003769
41.2415	-0.00367	0.002291	0.001145	0.004471
41.24386	-0.00183	0.00168	0.002367	0.003433
41.24623	-0.00305	0.001069	0.002367	0.004009
41.24859	-0.00428	0.001069	0.002367	0.005003
41.25095	-0.0055	0.001069	0.002978	0.006343
41.25332	-0.00489	0.001069	0.00481	0.00694
41.25568	-0.00367	0.00168	0.00481	0.006277
41.25804	-0.00489	0.001069	0.007865	0.009321
41.2604	-0.00367	0.000458	0.009697	0.010377
41.26277	0	-0.00015	0.014584	0.014585
41.26513	0.000611	-0.00015	0.01886	0.01887
41.26749	0.000611	-0.00076	0.024968	0.024988
41.26986	-0.00061	0.000458	0.025579	0.025591
41.27222	-0.00244	0.00168	0.026801	0.026964
41.27458	-0.00305	-0.00015	0.030466	0.030619
41.27694	-0.00122	0.002291	0.030466	0.030576
41.27931	-0.00122	0.002291	0.028633	0.028751
41.28167	-0.00183	-0.00076	0.028633	0.028702
41.28403	-0.00061	0.002902	0.027412	0.027572
41.28639	0	0.00168	0.028023	0.028073
41.28876	-0.00061	0.00168	0.027412	0.02747
41.29112	-0.00183	0.002291	0.028633	0.028783
41.29348	-0.00122	-0.00015	0.029855	0.029881
41.29585	-0.00305	-0.00015	0.029244	0.029404

41.29821	-0.00183	0.00168	0.029244	0.02935
41.30057	-0.00061	0.001069	0.029855	0.029881
41.30293	-0.00183	-0.00137	0.030466	0.030552
41.3053	-0.00244	0.000458	0.031077	0.031176
41.30766	-0.00122	0.000458	0.029855	0.029884
41.31002	0	0.001069	0.029855	0.029874
41.31239	-0.00061	0.001069	0.029244	0.02927
41.31475	-0.00183	0.000458	0.029244	0.029305
41.31711	-0.00061	-0.00015	0.029244	0.029251
41.31947	-0.00122	0.00168	0.029244	0.029318
41.32184	-0.00061	0.00168	0.031077	0.031128
41.3242	-0.00183	0.000458	0.029855	0.029915
41.32656	-0.00061	-0.00015	0.027412	0.027419
41.32893	0.000611	0.001069	0.02619	0.026219
41.33129	0	0.00168	0.027412	0.027463
41.33365	0.001222	0.00168	0.028023	0.028099
41.33601	0	0.000458	0.029855	0.029859
41.33838	-0.00183	0.00168	0.031688	0.031785
41.34074	-0.00122	0.001069	0.031077	0.031119
41.3431	-0.00244	0.000458	0.029244	0.02935
41.34547	-0.00183	-0.00076	0.030466	0.030531
41.34783	0	0.001069	0.029244	0.029264
41.35019	-0.00061	-0.00076	0.029244	0.029261
41.35255	0	-0.00199	0.029855	0.029921
41.35492	-0.00183	0.001069	0.029855	0.02993
41.35728	0	-0.00137	0.028633	0.028666
41.35964	0	0.000458	0.027412	0.027416
41.36201	-0.00183	0.001069	0.026801	0.026885
41.36437	-0.00122	0.00168	0.024968	0.025055
41.36673	-0.00122	0.00168	0.023747	0.023837
41.36909	-0.00061	0.002291	0.025579	0.025689
41.37146	-0.00122	0.002291	0.025579	0.025711
41.37382	-0.00244	0.003512	0.023136	0.023528
41.37618	-0.00244	-0.00015	0.022525	0.022658
41.37855	-0.00244	0.000458	0.023747	0.023876
41.38091	-0.00061	0.00168	0.024358	0.024423
41.38327	0	0.001069	0.02619	0.026212
41.38563	-0.00122	0.00168	0.023747	0.023837
41.388	-0.00244	0.001069	0.023747	0.023896
41.39036	-0.00183	0.00168	0.024358	0.024484
41.39272	0.001222	0.002291	0.022525	0.022674
41.39509	0	0.002291	0.021914	0.022034
41.39745	-0.00061	0.001069	0.020692	0.020729
41.39981	-0.00305	0.001069	0.017638	0.017933
41.40217	-0.00305	0.000458	0.01886	0.019111
41.40454	-0.00183	0.00168	0.017638	0.017813
41.4069	0.002443	0.000458	0.013362	0.013592
41.40926	0.001222	0.000458	0.013362	0.013426
41.41162	-0.00061	0.002291	0.015195	0.015379
41.41399	0.001222	0.000458	0.014584	0.014642
41.41635	0	0.00168	0.013973	0.014074
41.41871	-0.00061	0.00168	0.013362	0.013481

41.42108	-0.00061	0.001069	0.012141	0.012203
41.42344	-0.00122	0.001069	0.01153	0.011643
41.4258	0.000611	0.00168	0.012141	0.012271
41.42816	0	0.00168	0.009697	0.009842
41.43053	0	0.001069	0.010308	0.010363
41.43289	0	0.00168	0.006643	0.006852
41.43525	0.000611	0.00168	0.005421	0.005708
41.43762	-0.00061	0.001069	0.0042	0.004376
41.43998	-0.00122	0.002902	0.003589	0.004774
41.44234	-0.00122	0.001069	0.003589	0.003939
41.44447	-0.00183	0.002291	0.0042	0.005123
41.44707	-0.00183	0.002291	0.003589	0.004635
41.44943	0	0.002291	0.001756	0.002886
41.45179	-0.00122	0.003512	0.001756	0.004113
41.45416	-0.00183	0.00168	0.001756	0.003044
41.45652	0	0.001069	0.002367	0.002597
41.45888	-0.00061	0.00168	0.000534	0.001866
41.46124	-0.00122	0.001069	0.001756	0.002392
41.46361	-0.00183	0.002291	0.001756	0.003419
41.46597	-0.00122	0.002291	0.001145	0.002838
41.46833	-0.00183	0.00168	0.001756	0.003044
41.4707	-0.00183	0.00168	0.002978	0.003879
41.47306	-0.00122	0.002291	0.002978	0.003951
41.47542	-0.00122	0.002291	0.001756	0.003134
41.47778	-0.00122	0.00168	-7.6E-05	0.002079
41.48015	0	0.002291	0.001145	0.002561
41.48251	-0.00061	0.002902	0.000534	0.003013
41.48487	0	0.002291	0.000534	0.002352
41.48724	-0.00122	-0.00015	-7.6E-05	0.001234
41.4896	0	0.000458	0.001756	0.001815
41.49196	-0.00061	0.001069	0.000534	0.001342
41.49432	-0.00183	0.000458	0.001756	0.002579
41.49669	-0.00061	-0.00015	0.002367	0.002449
41.49905	-0.00061	0.001069	0.001756	0.002145
41.50141	-0.00244	0.00168	0.001756	0.003446
41.50378	0	0.002291	0.000534	0.002352
41.50614	-0.00122	0.003512	0.002367	0.004408
41.5085	-0.00122	0.00168	0.003589	0.004146
41.51086	-0.00183	0.00168	0.001756	0.003044
41.51323	-0.00061	0.000458	0.001145	0.001377
41.51559	0	0.001069	0.001756	0.002056
41.51795	-0.00061	0.001069	0.001756	0.002145
41.52032	0.001222	0.001069	0.002367	0.00287
41.52268	-0.00061	0.001069	-0.00069	0.00141
41.52504	-0.00183	0.001069	0.000534	0.002188
41.5274	-0.00061	0.00168	0.001145	0.002123
41.52977	-0.00061	0.000458	0.000534	0.000932
41.53213	-0.00122	-0.00076	0.001756	0.002272
41.53449	-0.00061	0.000458	0.002367	0.002487
41.53685	-0.00061	0.002291	0.000534	0.00243
41.53922	-0.00061	0.00168	-7.6E-05	0.001789
41.54158	-0.00122	0.000458	0.001756	0.002188

41.54394	-0.00122	0.00168	0.001756	0.00272
41.54631	-0.00305	0.000458	-7.6E-05	0.003089
41.54867	-0.00244	0.002902	0.001145	0.003962
41.55103	-0.00122	0.003512	0.001145	0.003891
41.55339	-0.00122	0.001069	0.001756	0.002392
41.55576	-0.00122	0.001069	0.002367	0.00287
41.55812	-0.00061	0.001069	0.001756	0.002145
41.56048	-0.00183	0.002291	0.001756	0.003419
41.56285	-0.00183	0.002291	-0.00069	0.003013
41.56521	-0.00183	0.003512	-7.6E-05	0.003962
41.56757	-0.00061	0.002902	0.000534	0.003013
41.56993	-0.00061	0.002291	-7.6E-05	0.002372
41.5723	-0.00122	0.003512	0.000534	0.003757
41.57466	-0.00122	0.001069	0.002367	0.00287
41.57702	-0.00183	0.002291	0.001756	0.003419
41.57939	-0.00122	0.002291	0.000534	0.002651
41.58175	0	0.002291	-0.00069	0.002392
41.58411	-0.00122	0.002902	0.002367	0.003939
41.58647	0	0.002291	0.001145	0.002561
41.58884	0	0.000458	-7.6E-05	0.000464
41.5912	0	0.002902	0.001145	0.003119
41.59356	-0.00122	0.00168	0.001145	0.002372
41.59593	-0.00061	0.00168	0.000534	0.001866
41.59829	0.000611	0.00168	-0.00069	0.001915
41.60065	-0.00122	0.00168	0.000534	0.002145
41.60301	0	0.002291	0.001756	0.002886
41.60538	-0.00061	0.002291	0.002978	0.003806
41.60774	-0.00061	0.001069	0.002367	0.002668
41.6101	-0.00061	0.002291	0.002367	0.00335
41.61247	-0.00061	0.00168	-7.6E-05	0.001789
41.61483	-0.00061	0.002291	0.000534	0.00243
41.61719	0.001222	0.002291	0.002367	0.003513
41.61955	0.000611	0.001069	0.001145	0.001682
41.62192	0.001222	0.001069	0.000534	0.001709
41.62428	0	0.000458	0.001145	0.001234
41.62664	0.001222	0.000458	0.001756	0.002188
41.62901	0.000611	0.002291	0.000534	0.00243
41.63137	-0.00122	0.003512	0.001145	0.003891
41.63373	0.000611	0.002902	0.001145	0.003179
41.63609	0.001222	0.00168	0.001145	0.002372
41.63846	0.001222	0.002291	-7.6E-05	0.002597
41.64082	-0.00061	0.004123	0.000534	0.004202
41.64318	0.000611	0.003512	0.000534	0.003605
41.64555	0	0.001069	0.001756	0.002056
41.64791	-0.00061	0.004123	0.002367	0.004793
41.65027	0	0.002291	0.001145	0.002561
41.65263	-0.00061	0.00168	0.001145	0.002123
41.655	-0.00183	0.002291	0.001756	0.003419
41.65736	-0.00061	0.00168	0.001756	0.002506
41.65972	0	0.002291	0.000534	0.002352
41.66208	-0.00061	0.002291	0.001145	0.002633
41.66445	-0.00183	0.000458	0.001145	0.002209

41.66681	-0.00122	0.002291	-7.6E-05	0.002597
41.66917	-0.00061	0.001069	0.001145	0.001682
41.67154	-0.00061	0.000458	0.002367	0.002487
41.6739	-0.00061	0.002291	0.001145	0.002633
41.67626	-0.00061	0.004123	0.000534	0.004202
41.67862	-0.00122	0.004123	0.002367	0.004909
41.68099	-0.00061	0.002291	0.002367	0.00335
41.68335	0	0.00168	0.001756	0.00243
41.68571	0	0.004123	0.002367	0.004754
41.68808	0.000611	0.002291	0.002978	0.003806
41.69044	-0.00061	0.003512	0.001756	0.003974
41.6928	0	0.002902	0.001756	0.003392
41.69516	-0.00122	0.00168	0.001756	0.00272
41.69753	-0.00244	0.00168	-7.6E-05	0.002966
41.69989	-0.00183	0.004123	0.001756	0.004842
41.70225	-0.00244	0.002291	0.002367	0.004101
41.70462	-0.00122	0.002291	0.001756	0.003134
41.70698	-0.00122	0.002902	0.001756	0.003605
41.70934	0.000611	0.004123	0.002367	0.004793
41.71117	0.001833	0.00168	0.001756	0.003044
41.71407	0.000611	0.002291	0.001145	0.002633
41.71643	-0.00183	0.002902	0.002978	0.004544
41.71879	-0.00122	0.003512	0.001756	0.004113
41.72116	-0.00122	0.001069	0.002978	0.003392
41.72352	-0.00183	-0.00443	0.010308	0.011368
41.72588	-0.00244	-0.00565	0.020082	0.021004
41.72824	-0.00305	-0.00443	0.039629	0.039992
41.73061	-0.00305	0.004123	0.067117	0.067313
41.73297	-0.00122	0.012675	0.087886	0.088803
41.73533	0.003665	0.013897	0.106822	0.107784
41.7377	0.004276	0.010232	0.120871	0.121379
41.74006	0.004276	0.007177	0.132477	0.132741
41.74242	-0.00061	0.009621	0.155079	0.155378
41.74478	-0.00672	0.021838	0.188675	0.190054
41.74715	-0.00916	0.031	0.227159	0.229447
41.74951	-0.00916	0.039552	0.264421	0.267519
41.75187	-0.0055	0.044439	0.288244	0.291701
41.75424	-0.00977	0.04505	0.311456	0.314849
41.7566	-0.01344	0.051158	0.337722	0.341839
41.75896	-0.01038	0.06704	0.374373	0.38047
41.76132	-0.00305	0.094529	0.412856	0.423551
41.76369	-0.00061	0.122628	0.447675	0.464166
41.76605	0.006719	0.140342	0.487991	0.507815
41.76841	0.012217	0.142175	0.530139	0.549009
41.77078	0.017104	0.136677	0.572898	0.589225
41.77314	0.020769	0.141564	0.622377	0.638612
41.7755	0.026266	0.134234	0.682851	0.696415
41.77786	0.026266	0.093918	0.723167	0.729713
41.78023	0.02138	0.020616	0.747601	0.74819
41.78259	0.020769	0.002291	0.720113	0.720416
41.78495	0.025656	0.059099	0.662693	0.665817
41.78731	0.029321	0.073149	0.643146	0.647956

41.78968	0.036651	0.033444	0.6462	0.648102
41.79204	0.039094	-0.00015	0.685294	0.686408
41.7944	0.040316	0.047493	0.735384	0.738018
41.79677	0.048257	0.093307	0.825789	0.832444
41.79913	0.04337	0.043828	0.936352	0.93838
41.80149	0.031153	0.021227	0.989496	0.990214
41.80385	0.017715	0.060321	1.002324	1.004294
41.80622	0.015271	0.063986	1.007822	1.009966
41.80858	0.022601	0.029779	1.025536	1.026217
41.81094	0.025045	0.007177	1.051803	1.052125
41.81331	0.015882	0.002291	1.059133	1.059254
41.81567	0.001833	0.003512	1.024925	1.024933
41.81803	-0.01222	0.035887	0.955289	0.956041
41.82039	-0.03237	0.034666	0.872824	0.874112
41.82276	-0.01955	0.005345	0.80441	0.804665
41.82512	0.008552	-0.02031	0.746379	0.746704
41.82748	0.018936	-0.03253	0.697511	0.698526
41.82985	0.02138	-0.01665	0.655974	0.656533
41.83221	0.002443	-0.01237	0.644368	0.644491
41.83457	-0.01833	-0.04536	0.676132	0.677899
41.83693	-0.02566	-0.093	0.692624	0.699311
41.8393	-0.01222	-0.1382	0.695068	0.70878
41.84166	-0.01344	-0.13148	0.706063	0.718327
41.84402	-0.0171	-0.06857	0.734162	0.737555
41.84639	-0.02566	-0.09911	0.716447	0.723725
41.84875	-0.0562	-0.2451	0.665747	0.711655
41.85111	-0.10018	-0.2396	0.614436	0.667067
41.85347	-0.16065	-0.04841	0.558238	0.582909
41.85584	-0.2028	0.115908	0.496542	0.548742
41.8582	-0.20036	0.034666	0.435458	0.480592
41.86056	-0.11973	-0.03314	0.404305	0.422959
41.86293	-0.01283	-0.01176	0.442788	0.44313
41.86529	0.053144	0.002902	0.491045	0.493921
41.86765	0.081243	-0.04841	0.507538	0.516274
41.87001	0.087351	-0.09728	0.500818	0.517602
41.87238	0.068415	-0.08384	0.478828	0.490903
41.87474	0.036651	-0.03925	0.434847	0.43815
41.8771	-0.01649	-0.01787	0.384147	0.384915
41.87947	-0.0678	-0.0594	0.32917	0.341291
41.88183	-0.10323	-0.09483	0.264421	0.29928
41.88419	-0.12034	-0.09117	0.196006	0.247408
41.88655	-0.11728	-0.07284	0.144084	0.199553
41.88892	-0.07941	-0.01237	0.103768	0.131251
41.89128	-0.02016	0.074371	0.068949	0.103399
41.89364	0.044592	0.093918	0.038407	0.110834
41.89601	0.099568	0.028557	-7.6E-05	0.103582
41.89837	0.131943	-0.03253	-0.02695	0.138541
41.90073	0.149047	-0.03131	-0.05627	0.162363
41.90309	0.153934	0.024892	-0.09598	0.183104
41.90546	0.156377	0.060321	-0.15584	0.228865
41.90782	0.150879	0.077425	-0.2267	0.283112
41.91018	0.145382	0.084755	-0.29267	0.337604

41.91254	0.134386	0.117741	-0.34765	0.390873
41.91491	0.109342	0.132401	-0.43317	0.465961
41.91727	0.08674	0.036498	-0.51869	0.527154
41.91963	0.062917	-0.08445	-0.54678	0.556834
41.922	0.042148	-0.08262	-0.48081	0.489677
41.92436	0.010384	0.013286	-0.34765	0.348057
41.92672	-0.01283	0.068262	-0.19433	0.206366
41.92908	-0.0171	0.048104	-0.0691	0.085917
41.93145	-0.00916	0.008399	-0.02451	0.027482
41.93381	-0.01283	0.000458	-0.04284	0.044718
41.93617	-0.02566	0.00901	-0.07277	0.077682
41.93854	-0.03665	0.00901	-0.08193	0.090205
41.9409	-0.03543	-0.01115	-0.09598	0.102915
41.94326	-0.01955	-0.02031	-0.11125	0.114766
41.94562	-0.00489	-0.01787	-0.12286	0.124245
41.94799	0.003665	-0.00748	-0.12713	0.127405
41.95035	0.004887	-0.0087	-0.12652	0.126915
41.95271	-0.00061	-0.03131	-0.13874	0.142228
41.95508	-0.01771	-0.03497	-0.15645	0.16129
41.95744	-0.03543	0.012064	-0.1589	0.163245
41.9598	-0.0507	0.054824	-0.15523	0.172258
41.96216	-0.0617	0.048104	-0.15951	0.17766
41.96453	-0.05681	0.015729	-0.16562	0.175793
41.96689	-0.04398	0.002902	-0.17234	0.177883
41.96925	-0.02871	0.00901	-0.17722	0.179758
41.97162	-0.01588	0.017562	-0.17722	0.178797
41.97398	-0.00794	0.015729	-0.17172	0.172626
41.97634	-0.0055	-0.00565	-0.16195	0.162143
41.9787	-0.00611	-0.01359	-0.15401	0.154729
41.98107	-0.00611	-0.00932	-0.13996	0.140403
41.98343	-0.00855	-0.00809	-0.11858	0.119164
41.98579	-0.01466	-0.01665	-0.09048	0.093161
41.98816	-0.02138	-0.01542	-0.06116	0.066601
41.99052	-0.02199	0.000458	-0.03795	0.043862
41.99288	-0.02138	0.00901	-0.01779	0.029237
41.99524	-0.01588	0.002291	-0.00191	0.01616
41.99761	-0.01161	-0.00076	0.003589	0.012172
41.99997	-0.01038	0.010843	-7.6E-05	0.015013
42.00233	-0.01283	0.018173	-0.00802	0.023645
42.0047	-0.01771	0.010843	-0.00985	0.022987
42.00706	-0.01955	0.00901	-0.01168	0.02449
42.00942	-0.01894	0.014508	-0.01229	0.026836
42.01178	-0.01955	0.015729	-0.0184	0.031115
42.01415	-0.01894	0.015118	-0.02512	0.034903
42.01651	-0.01649	0.012064	-0.03551	0.040966
42.01887	-0.01649	0.010843	-0.04161	0.046058
42.02124	-0.01588	0.011453	-0.04894	0.052716
42.0236	-0.01527	0.013897	-0.06055	0.063974
42.02596	-0.00977	0.015729	-0.07338	0.075679
42.02832	-0.0055	0.015729	-0.08193	0.083607
42.03069	-0.00305	0.006567	-0.08743	0.087727
42.03305	-0.00244	0.005345	-0.10209	0.102257

42.03541	-0.00244	0.007788	-0.1198	0.12008
42.03777	-0.00061	0.004123	-0.12163	0.121706
42.04014	0.004887	0.007788	-0.1143	0.114674
42.0425	0.00733	0.01634	-0.11064	0.11208
42.04486	0.009774	0.013897	-0.11553	0.116769
42.04723	0.012828	-0.00015	-0.12469	0.125347
42.04959	0.013439	-0.01115	-0.13019	0.131353
42.05195	0.010995	-0.00932	-0.12591	0.126733
42.05431	0.002443	0.002902	-0.1253	0.125357
42.05668	-0.00367	0.007788	-0.12469	0.124986
42.05904	-0.00794	-0.01054	-0.11553	0.116278
42.0614	-0.01588	-0.03925	-0.09842	0.107143
42.06377	-0.01649	-0.04352	-0.09231	0.103384
42.06613	-0.01588	-0.02764	-0.11675	0.121022
42.06849	-0.01649	-0.00809	-0.19127	0.192152
42.07085	-0.011	-0.02764	-0.22853	0.230461
42.07322	-0.00183	-0.07407	-0.23586	0.247226
42.07558	-0.00244	-0.07651	-0.27007	0.280709
42.07794	-0.01222	-0.03192	-0.31772	0.31955
42.08031	-0.02749	0.005345	-0.34765	0.348774
42.08267	-0.03726	0.004123	-0.36597	0.367889
42.08503	-0.03848	-0.01359	-0.39468	0.396788
42.08739	-0.03482	-0.02703	-0.40201	0.404423
42.08976	-0.02382	-0.06307	-0.39713	0.402809
42.09212	-0.01771	-0.09239	-0.39407	0.405146
42.09448	-0.01649	-0.093	-0.3843	0.395736
42.09685	-0.01344	-0.05269	-0.38308	0.386917
42.09921	-0.0226	-0.02153	-0.38796	0.389218
42.10157	-0.02749	-0.03375	-0.39163	0.394041
42.10393	-0.0281	-0.08811	-0.39102	0.401808
42.1063	-0.02993	-0.10278	-0.39102	0.405406
42.10866	-0.02749	-0.07101	-0.40079	0.407961
42.11102	-0.02016	-0.02031	-0.4295	0.430454
42.11339	-0.00611	0.01634	-0.46004	0.460375
42.11575	0.009163	-0.00504	-0.4802	0.480316
42.11811	0.017104	-0.0368	-0.49242	0.494089
42.12047	0.023212	-0.0368	-0.49608	0.497989
42.12284	0.023823	-0.05696	-0.47715	0.481126
42.1252	0.019547	-0.05452	-0.45943	0.46307
42.12756	0.012217	-0.00321	-0.44783	0.448005
42.12993	0.016493	0.036498	-0.44172	0.443531
42.13229	0.022601	0.022449	-0.42706	0.428245
42.13465	0.024434	-0.01542	-0.40201	0.403051
42.13701	0.026266	-0.02459	-0.37575	0.377466
42.13938	0.028099	-0.01787	-0.35864	0.360186
42.14174	0.032986	-0.02031	-0.36353	0.365589
42.1441	0.045814	-0.02947	-0.3617	0.365777
42.14647	0.040316	0.005345	-0.3617	0.363977
42.14883	0.037262	0.025503	-0.34398	0.346934
42.15119	0.026266	0.004123	-0.30917	0.310306
42.15355	0.022601	-0.0197	-0.2774	0.279017
42.15592	0.02138	-0.0252	-0.25724	0.259357

42.15828	0.018936	-0.02031	-0.25541	0.256916
42.16064	0.020769	0.001069	-0.27923	0.280007
42.163	0.022601	0.033444	-0.3055	0.308155
42.16537	0.02138	0.026725	-0.29878	0.300734
42.16773	0.019547	-0.00382	-0.29756	0.298225
42.17009	0.018325	-0.00382	-0.30183	0.302415
42.17246	0.012217	0.013897	-0.30855	0.309109
42.17482	0.004276	0.004734	-0.32383	0.323888
42.17718	0.001833	-0.02092	-0.32627	0.326944
42.17954	0.001222	-0.02336	-0.32321	0.32406
42.18191	0.003665	-0.00076	-0.32566	0.325679
42.18427	0.001833	0.01634	-0.32932	0.329733
42.18663	-0.00916	0.03039	-0.33177	0.333281
42.189	-0.02443	0.028557	-0.32077	0.322965
42.19136	-0.02993	0.018784	-0.31344	0.315427
42.19372	-0.02932	0.059099	-0.30367	0.310751
42.19608	-0.01222	0.101248	-0.30122	0.318019
42.19845	0.008552	0.056045	-0.30428	0.309515
42.20081	0.017104	-0.00565	-0.29512	0.295665
42.20317	0.011606	-0.00626	-0.28046	0.280765
42.20554	0.003665	0.022449	-0.27129	0.272244
42.2079	-0.00367	0.008399	-0.2719	0.272058
42.21026	-0.01833	-0.0423	-0.29389	0.297488
42.21262	-0.0281	-0.05024	-0.3226	0.3277
42.21499	-0.03176	-0.00504	-0.3391	0.340618
42.21735	-0.04276	0.042607	-0.32993	0.33541
42.21971	-0.05559	0.054824	-0.31405	0.323611
42.22208	-0.04704	0.010843	-0.30672	0.310496
42.22444	-0.02016	-0.04536	-0.3165	0.320363
42.2268	0.00733	-0.07407	-0.31527	0.32394
42.22916	0.007941	-0.05024	-0.30917	0.313322
42.23153	-0.00428	-0.00015	-0.34582	0.345842
42.23389	-0.011	0.034666	-0.38674	0.388449
42.23625	-0.00367	0.018173	-0.38125	0.381696
42.23862	0.004276	-0.03192	-0.34948	0.350961
42.24098	0.000611	-0.05635	-0.34154	0.346158
42.24334	-0.00367	-0.02886	-0.32993	0.331214
42.2457	-0.00428	0.001069	-0.28901	0.289041
42.24807	-0.0055	-0.00321	-0.23037	0.230454
42.25043	-0.01222	-0.01909	-0.17722	0.178665
42.25279	-0.01161	-0.02703	-0.13874	0.141823
42.25516	-0.00794	-0.02336	-0.1027	0.105622
42.25752	-0.00489	0.020005	-0.08315	0.085664
42.25988	-0.00183	0.084755	-0.0575	0.102433
42.26224	0.004887	0.091474	-0.01474	0.092783
42.26461	0.010995	0.04505	0.04024	0.061397
42.26697	0.003054	0.010232	0.093383	0.093992
42.26933	-0.00977	0.005345	0.128202	0.128685
42.2717	-0.01833	0.014508	0.146527	0.148379
42.27406	-0.01405	0.021838	0.152025	0.154226
42.27642	-0.00611	0.002291	0.165463	0.165592
42.27878	-0.00733	-0.01603	0.178902	0.179769

42.28115	-0.01283	-0.01054	0.190508	0.19123
42.28351	-0.011	-0.00565	0.197838	0.198224
42.28587	-0.00672	-0.00565	0.205168	0.205356
42.28823	-0.00611	-0.01237	0.22105	0.22148
42.2906	-0.00855	-0.01176	0.233878	0.23433
42.29296	-0.00244	0.010232	0.218607	0.21886
42.29532	0.018325	0.040163	0.218607	0.22302
42.29769	0.013439	0.010843	0.212498	0.213199
42.30005	-0.01283	-0.02092	0.176459	0.178157
42.30241	-0.03176	-0.01848	0.137975	0.142785
42.30477	-0.02932	-0.02031	0.111098	0.116683
42.30714	-0.01527	-0.0368	0.097659	0.105475
42.3095	-0.00244	-0.04902	0.086664	0.099597
42.31186	0.000611	-0.04047	0.074447	0.084737
42.31423	-0.0055	-0.03436	0.061008	0.070234
42.31659	-0.00916	-0.02886	0.055511	0.063233
42.31895	-0.01038	-0.01909	0.056732	0.060752
42.32131	-0.01283	-0.01298	0.058565	0.061343
42.32368	-0.01344	-0.00993	0.059787	0.062077
42.32604	-0.01588	-0.0026	0.063452	0.065461
42.3284	-0.01038	-0.00748	0.067117	0.068326
42.33077	-0.011	-0.00932	0.06956	0.071037
42.33313	-0.01466	-0.00137	0.068949	0.070504
42.33549	-0.01588	0.002902	0.065895	0.067844
42.33785	-0.01588	0.002902	0.059787	0.061928
42.34022	-0.01527	0.001069	0.055511	0.057583
42.34258	-0.01344	-0.00382	0.051235	0.053105
42.34494	-0.01222	-0.00565	0.046348	0.048263
42.34731	-0.01466	-0.00199	0.041461	0.044022
42.34967	-0.01405	0.002291	0.041461	0.043837
42.35203	-0.01222	0.002902	0.039629	0.041571
42.35439	-0.01038	-0.00321	0.043905	0.04523
42.35676	-0.00977	-0.00932	0.049402	0.051214
42.35912	-0.0055	-0.01054	0.051235	0.052595
42.36148	-0.00611	-0.00382	0.048181	0.048716
42.36385	-0.00733	0.00168	0.045737	0.046351
42.36621	-0.00794	-0.00076	0.048181	0.048837
42.36857	-0.00672	-0.00137	0.048181	0.048666
42.37093	-0.00916	-0.00137	0.04757	0.048464
42.3733	-0.00916	0.00168	0.048181	0.049073
42.37566	-0.00794	0.002902	0.048181	0.048917
42.37802	-0.00733	0.004123	0.046959	0.047706
42.38039	-0.00611	0.002291	0.048791	0.049226
42.38275	-0.00428	-0.00076	0.048181	0.048376
42.38511	-0.00305	-0.00382	0.048181	0.048428
42.38747	-0.00244	-0.00076	0.045126	0.045199
42.38984	-0.00489	0.003512	0.046348	0.046737
42.3922	-0.0055	0.003512	0.045737	0.0462
42.39456	-0.00672	0.004123	0.045126	0.04581
42.39693	-0.00611	0.005345	0.042683	0.043448
42.39929	-0.00428	0.004734	0.04085	0.041346
42.40165	-0.00305	0.002291	0.037185	0.037381

42.40401	-0.00183	-0.00076	0.035353	0.035408
42.40638	-0.00244	-0.00199	0.034742	0.034884
42.40874	-0.00305	0.000458	0.029855	0.030014
42.41111	-0.00305	0.00168	0.031077	0.031272
42.41346	-0.0055	0.004734	0.024968	0.026001
42.41583	-0.0055	0.005345	0.020082	0.021496
42.41819	-0.00489	0.004123	0.016417	0.017618
42.42055	-0.00489	0.001069	0.015195	0.015997
42.42292	-0.00428	0.00168	0.012751	0.013554
42.42528	-0.00489	0.003512	0.012141	0.01355
42.42764	-0.00367	0.002291	0.009086	0.010062
42.43	-0.00489	0.00168	0.010308	0.011531
42.43237	-0.00305	0.00168	0.006643	0.007502
42.43473	-0.00367	0.001069	0.00481	0.006141
42.43709	-0.00305	-0.00015	0.001756	0.003526
42.43946	-0.00244	-0.00015	0.001145	0.002703
42.44182	-0.00428	0.001069	0.001756	0.004745
42.44418	-0.00183	0.003512	0.000534	0.003998
42.44654	-0.00305	0.002291	-0.00069	0.003879
42.44891	-0.00367	0.004123	0.000534	0.005543
42.45127	-0.00305	0.002291	0.001145	0.003986
42.45363	-0.00244	0.00168	-0.00252	0.003891
42.456	-0.00122	0.001069	-0.00557	0.005806
42.45836	0.000611	-0.00137	-0.00557	0.005773
42.46072	-0.00244	-0.00137	-0.00313	0.004202
42.46308	-0.00367	0.000458	-0.00252	0.004471
42.46545	-0.00367	0.003512	-0.0013	0.00524
42.46781	-0.00183	0.001069	0.000534	0.002188
42.47017	-0.00305	0.00168	-0.00313	0.004685
42.47254	-0.00489	0.004123	-0.00069	0.006431
42.4749	-0.00428	0.002291	-7.6E-05	0.004851
42.47726	-0.00122	0.000458	-0.00252	0.002838
42.47962	-0.00183	0.000458	-0.00313	0.003656
42.48199	-0.00183	-0.00015	-7.6E-05	0.00184
42.48435	-0.00183	0.002902	-0.0013	0.003669
42.48671	-0.00061	0.002291	-0.00191	0.003044
42.48908	-0.00183	0.002902	-0.00374	0.005077
42.49144	-0.00183	0.001069	0.000534	0.002188
42.4938	0	0.001069	-0.0013	0.001682
42.49616	-0.00061	0.00168	-0.00069	0.001915
42.49853	-0.00244	0.002291	-0.00191	0.003855
42.50089	-0.00244	0.00168	-0.00191	0.003526
42.50325	-0.00367	0.00168	-0.0013	0.004236
42.50562	-0.00061	0.002291	-7.6E-05	0.002372
42.50798	0	0.000458	-0.00069	0.000826
42.51034	-0.00244	-0.00076	-0.0013	0.00287
42.5127	-0.00183	0.000458	-0.00069	0.00201
42.51507	0	0.001069	-0.0013	0.001682
42.51743	-0.00061	0.00168	-0.0013	0.002209
42.51979	-0.00122	0.00168	-0.00191	0.002821
42.52216	-0.00183	0.000458	-0.00191	0.002686
42.52452	-0.00061	-0.00137	-0.00069	0.001654

42.52688	-0.00061	-0.00015	-0.00252	0.002597
42.52924	-0.00061	-0.00076	-0.00313	0.00328
42.53161	-0.00061	-0.00076	-0.00069	0.001195
42.53397	0	-0.00076	-7.6E-05	0.000767
42.53633	-0.00061	0.000458	0.000534	0.000932
42.53869	0.000611	0.00168	-7.6E-05	0.001789
42.54106	0	-0.00015	-7.6E-05	0.000171
42.54342	0	-0.00076	-0.00191	0.002056
42.54578	-0.00305	0.002291	-0.00313	0.004937
42.54815	-0.00122	0.000458	-0.00191	0.002312
42.55051	-0.00183	-0.00015	-0.00191	0.002651
42.55287	-0.00244	-0.00015	-0.00191	0.003104
42.55523	-0.00183	0.000458	-0.00191	0.002686
42.5576	-0.00061	0.001069	-0.00313	0.003364
42.55996	0	0.000458	-0.00069	0.000826
42.56232	-0.00244	0.000458	-0.00191	0.003134
42.56469	-0.00183	0.001069	-0.00252	0.003294
42.56705	0	-0.00015	-0.0013	0.001307
42.56941	-0.00061	-0.00015	-7.6E-05	0.000634
42.57177	-0.00122	0.002291	-0.00191	0.003222
42.57414	-0.00122	0.000458	-0.0013	0.00184
42.5765	-0.00244	-0.00015	-0.00313	0.003974
42.57886	-0.00183	0.000458	-0.00191	0.002686
42.58123	0	0.00168	-0.0013	0.002123
42.58359	0.000611	0.000458	-0.00374	0.003819
42.58595	-0.00244	-0.00015	0.001145	0.002703
42.58831	-0.00305	0.00168	-0.00069	0.003553
42.59068	-0.00183	0.00168	-0.0013	0.002804
42.59304	-0.00122	0.001069	-0.00069	0.001763
42.5954	-0.00061	0.002291	-0.00252	0.00346
42.59777	-0.00244	0.00168	-0.0013	0.003237
42.60013	-0.00305	0.00168	-0.00069	0.003553
42.60249	-0.00244	0.001069	-0.0013	0.002966
42.60485	-0.00305	0.002902	-0.00191	0.004625
42.60722	-0.00489	0.001069	-0.0013	0.005168
42.60958	-0.00244	0.000458	-0.00191	0.003134
42.61194	0	-0.00015	-0.0013	0.001307
42.61431	0.000611	0.000458	-0.00313	0.003222
42.61667	-0.00183	0.001069	-0.00191	0.002854
42.61903	-0.00244	-0.00015	-0.00496	0.005534
42.62139	-0.00183	-0.00076	-0.00618	0.006496
42.62376	-0.00122	-0.00076	-0.00618	0.00635
42.62612	-0.00061	0.001069	-0.00618	0.006306
42.62848	-0.00244	0.003512	-0.00496	0.006553
42.63085	-0.00244	0.001069	-0.0068	0.0073
42.63321	-0.00183	0.001069	-0.00557	0.005964
42.63557	-0.00122	0.00168	-0.0068	0.007106
42.63793	-0.00183	0.002291	-0.00557	0.006299
42.6403	-0.00061	0.001069	-0.00802	0.008111
42.64266	-0.00183	0.00168	-0.00863	0.008979
42.64502	-0.00305	0.001069	-0.00924	0.009789
42.64739	-0.00061	0.000458	-0.00924	0.009271

42.64975	0	0.001069	-0.00924	0.009301
42.65211	-0.00061	0.001069	-0.00985	0.009927
42.65447	-0.00183	-0.00015	-0.00985	0.01002
42.65684	-0.00061	-0.00199	-0.01046	0.010665
42.6592	-0.00061	-0.00076	-0.01046	0.010506
42.66156	-0.00244	-0.00076	-0.00985	0.010177
42.66392	-0.00122	-0.00076	-0.00863	0.008748
42.66629	-0.00183	-0.0026	-0.00985	0.01035
42.66865	-0.00305	-0.00199	-0.00802	0.008806
42.67101	-0.00305	-0.00076	-0.00924	0.009761
42.67338	-0.00183	-0.00015	-0.01046	0.010621
42.67574	-0.00183	0.001069	-0.00985	0.010076
42.6781	-0.00305	-0.00076	-0.00863	0.009185
42.68046	-0.00183	0.000458	-0.01107	0.011232
42.68283	-0.00183	0.001069	-0.00985	0.010076
42.68519	-0.00367	0.001069	-0.00802	0.00888
42.68755	-0.00305	-0.00015	-0.00618	0.0069
42.68992	-0.00122	-0.00015	-0.00924	0.009321
42.69228	-0.00061	0.001069	-0.0068	0.006906
42.69464	-0.00244	0.002291	-0.00374	0.005022
42.697	-0.00244	0.00168	-0.00435	0.005266
42.69937	-0.00244	0.000458	-0.00313	0.003998
42.70173	-0.00244	0.000458	-0.00496	0.005551
42.70409	-0.00367	-0.00076	-0.00374	0.005293
42.70646	-0.00489	0.000458	-0.00374	0.006172
42.70882	-0.00305	0.000458	-0.00313	0.004398
42.71118	-0.00244	0.001069	-0.00252	0.003669
42.71354	-0.00183	-0.00137	-0.00069	0.002392
42.71591	-0.00061	-0.00321	-0.0013	0.003513
42.71827	-0.00061	-0.00321	-0.0013	0.003513
42.72063	-0.00122	-0.00015	-0.0013	0.001789
42.723	-0.00305	-0.00015	-0.0013	0.003322
42.72536	-0.00244	-0.00137	-0.00191	0.003392
42.72772	-0.00244	-0.00199	-0.00191	0.003682
42.73008	-0.00061	-0.00137	-7.6E-05	0.001506
42.73245	-0.00183	-0.00015	-0.00191	0.002651
42.73481	-0.00244	-0.00137	-7.6E-05	0.002804
42.73717	-0.00305	-0.00076	0.002978	0.004333
42.73954	-0.00244	-0.00015	0.001756	0.003013
42.7419	0	0.000458	0.001756	0.001815
42.74426	0.000611	-0.00137	0.001756	0.002312
42.74662	0.001833	0.001069	0.001145	0.002411
42.74899	-0.00061	-0.00076	0.000534	0.001114
42.75135	-0.00244	-0.00137	0.002367	0.003669
42.75371	-0.00183	-0.00137	0.001756	0.002886
42.75608	-0.00122	-0.00199	0.000534	0.002392
42.75844	-0.00183	-0.00137	0.001145	0.002561
42.7608	-0.00183	-0.00076	-7.6E-05	0.001987
42.76316	0	-0.00199	0.001756	0.002651
42.76553	-0.00244	-0.00137	0.002978	0.00409
42.76789	-0.00122	-0.00076	0.001756	0.002272
42.77025	-0.00183	-0.00076	0.000534	0.002056

42.77262	-0.00122	-0.00076	0.002367	0.002771
42.77498	-0.00183	0.000458	0.001145	0.002209
42.77734	-0.00061	-0.00076	0.001756	0.00201
42.7797	-0.00122	-0.00076	0.000534	0.001537
42.78207	-0.00061	-0.00076	0.001756	0.00201
42.78443	-0.00122	-0.00015	0.000534	0.001342
42.78679	-0.00183	-0.00076	0.001145	0.002292
42.78915	-0.00367	-0.00137	0.002978	0.004918
42.79152	-0.00122	-0.00137	0.001756	0.002543
42.79388	-0.00244	-0.00321	0.001145	0.004191
42.79624	-0.00183	-0.0026	0.001145	0.003378
42.79861	-0.00183	-0.0026	0.000534	0.003222
42.80097	-0.00061	-0.00199	-0.0013	0.002449
42.80333	-0.00244	-0.00137	-7.6E-05	0.002804
42.80569	-0.00183	-0.00137	0.001145	0.002561
42.80806	-0.00305	-0.00199	0.000534	0.003682
42.81042	-0.00061	-0.00382	0.000534	0.003903
42.81278	0	-0.00076	0.001145	0.001377
42.81515	-0.00183	-0.00199	-7.6E-05	0.002703
42.81751	-0.00183	-0.00199	0.001756	0.003222
42.81987	0	-0.00199	0.000534	0.002056
42.82223	-0.00122	-0.0026	-0.00069	0.00295
42.8246	-0.00183	-0.00321	-7.6E-05	0.003694
42.82696	-0.00244	-0.00199	-7.6E-05	0.003149
42.82932	-0.00183	-0.00382	-0.00069	0.00429
42.83169	-0.00061	-0.00504	0.001145	0.005204
42.83405	-0.00244	-0.00443	0.001756	0.005354
42.83641	-0.00183	-0.0026	0.001145	0.003378
42.83877	-0.00122	-0.00504	0.001145	0.00531
42.84114	-0.00244	-0.00504	0.002367	0.00608
42.8435	-0.00183	-0.00565	-7.6E-05	0.005941
42.84586	-0.00183	-0.00687	0.002367	0.007496
42.84823	-0.00244	-0.00565	-7.6E-05	0.006156
42.85059	-0.00489	-0.00626	0.001145	0.008025
42.85295	-0.00428	-0.00443	0.000534	0.006179
42.85531	-0.00367	-0.00076	0.000534	0.003782
42.85768	-0.00061	-0.00382	0.001756	0.004247
42.86004	-0.00061	-0.00443	0.001145	0.004615
42.8624	-0.00367	-0.00504	0.001756	0.006474
42.86477	-0.00305	-0.00504	0.002978	0.006602
42.86713	-0.00428	-0.00809	0.002367	0.009455
42.86949	-0.00367	-0.00993	0.001145	0.010643
42.87185	-0.00244	-0.01176	0.001145	0.012064
42.87422	-0.00244	-0.00993	0.001145	0.010287
42.87658	-0.00305	-0.00687	-7.6E-05	0.007521
42.87894	-0.00428	-0.00687	0.000534	0.008111
42.88131	-0.00428	-0.00809	-7.6E-05	0.009154
42.88367	-0.00367	-0.00809	-7.6E-05	0.008885
42.88603	-0.00183	-0.00626	0.001145	0.006624
42.88839	-0.00367	-0.00748	0.002978	0.008848
42.89076	-0.00428	-0.00687	-0.00069	0.008123
42.89312	-0.00367	-0.0087	-7.6E-05	0.009445

42.89548	-0.00489	-0.0087	-7.6E-05	0.009983
42.89785	-0.00428	-0.0087	-0.0013	0.009785
42.90021	-0.00305	-0.00809	0.001756	0.008827
42.90257	-0.00305	-0.00809	0.000534	0.008667
42.90493	-0.00428	-0.00932	-7.6E-05	0.01025
42.9073	-0.00244	-0.00932	-7.6E-05	0.009631
42.90966	-0.00183	-0.01054	0.001145	0.010756
42.91202	-0.00183	-0.01115	-7.6E-05	0.011298
42.91438	-0.00367	-0.01115	-7.6E-05	0.011735
42.91675	-0.00611	-0.01054	-0.00069	0.012199
42.91911	-0.00428	-0.00932	-0.0013	0.010332
42.92147	-0.00367	-0.01054	-0.00069	0.011177
42.92384	-0.00428	-0.01115	-0.00313	0.012343
42.9262	-0.00367	-0.01054	-0.0013	0.011232
42.92856	-0.00428	-0.01054	-0.00191	0.011531
42.93092	-0.00305	-0.01115	-0.00191	0.011715
42.93329	-0.00428	-0.01237	-0.00191	0.013226
42.93565	-0.0055	-0.00932	-0.00069	0.010839
42.93801	-0.00672	-0.00748	-0.0013	0.01014
42.94038	-0.00428	-0.00932	-7.6E-05	0.01025
42.94274	-0.00305	-0.00993	-0.00069	0.010408
42.9451	-0.00428	-0.01115	-0.00252	0.012203
42.94746	-0.0055	-0.01237	-0.00252	0.013769
42.94983	-0.00733	-0.01542	-0.00313	0.017362
42.95219	-0.00489	-0.01848	-0.00252	0.019279
42.95455	-0.00367	-0.0197	-0.00435	0.020505
42.95692	-0.00489	-0.02092	-0.00374	0.021808
42.95928	-0.00367	-0.0197	-0.0068	0.021159
42.96164	-0.00611	-0.02092	-0.00313	0.022019
42.964	-0.00733	-0.02459	-0.00313	0.025846
42.96637	-0.00672	-0.0252	-0.00435	0.026439
42.96873	-0.00672	-0.02642	-0.00435	0.027605
42.97109	-0.00733	-0.02642	-0.00252	0.027533
42.97346	-0.00611	-0.02703	-0.00435	0.028051
42.97582	-0.00611	-0.02947	-0.00313	0.030262
42.97818	-0.00672	-0.03131	-0.0013	0.032045
42.98054	-0.00611	-0.02642	0.001145	0.02714
42.98291	-0.00672	-0.02092	-7.6E-05	0.021974
42.98527	-0.00733	-0.02825	0.002367	0.029283
42.98763	-0.00611	-0.0307	0.000534	0.031302
42.99	-0.0055	-0.02947	-0.00435	0.030296
42.99236	-0.00611	-0.03192	-0.01168	0.034532
42.99472	-0.00733	-0.03253	-0.01901	0.038383
42.99708	-0.00916	-0.03253	-0.02634	0.042848
42.99945	-0.00611	-0.03619	-0.03856	0.053236
43.00181	-0.00794	-0.03864	-0.0465	0.060976
43.00417	-0.00916	-0.03925	-0.05994	0.072229
43.00654	-0.01038	-0.04108	-0.07338	0.084733
43.0089	-0.00977	-0.04719	-0.08926	0.101438
43.01126	-0.00916	-0.0594	-0.10575	0.121641
43.01362	-0.00916	-0.06551	-0.12774	0.143855
43.01599	-0.00977	-0.06918	-0.13324	0.150447

43.01835	-0.0171	-0.08201	-0.13752	0.161023
43.02071	-0.02077	-0.08873	-0.14546	0.171644
43.02308	-0.01405	-0.08934	-0.15767	0.181768
43.02544	-0.00977	-0.09178	-0.1705	0.193882
43.0278	-0.00916	-0.09728	-0.18333	0.207742
43.03016	-0.01283	-0.10155	-0.19494	0.220177
43.03253	-0.02016	-0.10766	-0.19921	0.227339
43.03489	-0.02443	-0.11377	-0.20043	0.231764
43.03725	-0.02871	-0.11866	-0.20532	0.238873
43.03961	-0.02871	-0.11866	-0.20838	0.241504
43.04198	-0.00916	-0.0814	-0.21326	0.228451
43.04434	0.008552	-0.05024	-0.22792	0.233551
43.0467	0.004887	-0.06674	-0.24258	0.251642
43.04907	-0.01222	-0.08201	-0.25175	0.265047
43.05143	-0.02504	-0.06796	-0.25541	0.26548
43.05379	-0.0281	-0.05757	-0.25541	0.263322
43.05615	-0.0226	-0.05574	-0.25602	0.262992
43.05852	-0.00122	-0.02886	-0.24503	0.246723
43.06088	0.015882	-0.01176	-0.23709	0.237907
43.06324	0.015271	-0.01787	-0.23647	0.237639
43.06561	0	-0.03375	-0.23403	0.236452
43.06797	-0.01466	-0.03008	-0.23647	0.238831
43.07033	-0.0226	-0.0423	-0.23647	0.241289
43.07269	-0.02627	-0.07895	-0.23464	0.248958
43.07506	-0.02199	-0.08811	-0.23464	0.251604
43.07742	-0.01222	-0.07895	-0.23037	0.243826
43.07978	-0.00733	-0.08078	-0.23159	0.245383
43.08215	-0.00794	-0.08384	-0.23037	0.245276
43.08451	-0.01161	-0.0759	-0.23098	0.243404
43.08687	-0.01405	-0.05818	-0.2322	0.239789
43.08923	-0.01466	-0.03803	-0.2322	0.235748
43.0916	-0.00855	-0.02703	-0.22731	0.229073
43.09396	-0.00367	-0.01359	-0.22487	0.225308
43.09632	0.002443	0.001069	-0.22487	0.224884
43.09869	0.008552	0.016951	-0.22181	0.222625
43.10105	0.010384	0.034055	-0.21326	0.216213
43.10341	0.010995	0.041996	-0.21021	0.214644
43.10577	0.014049	0.044439	-0.20654	0.211736
43.10814	0.012217	0.04505	-0.19982	0.205203
43.1105	0.011606	0.041385	-0.19188	0.196637
43.11286	0.010384	0.035276	-0.18638	0.189978
43.11523	0.007941	0.026725	-0.17967	0.181816
43.11759	0.006108	0.018784	-0.17111	0.17225
43.11995	0.004276	0.014508	-0.16317	0.163872
43.12231	0.005498	0.007177	-0.15279	0.153055
43.12468	0.002443	0.001069	-0.14424	0.144261
43.12704	0.001222	-0.00687	-0.13385	0.134034
43.1294	0.001833	-0.01237	-0.12347	0.124099
43.13177	-0.00061	-0.01787	-0.11125	0.112678
43.13413	-0.00244	-0.02031	-0.10148	0.103518
43.13649	-0.00183	-0.01909	-0.09415	0.09608
43.13885	-0.00244	-0.0142	-0.08315	0.084391

43.14122	-0.00305	-0.0087	-0.07277	0.07335
43.14358	-0.00122	-0.0026	-0.06605	0.06611
43.14594	0.001222	-0.00137	-0.05566	0.055694
43.14831	0.003054	-0.00076	-0.0465	0.046607
43.15067	0.003054	0.00168	-0.03856	0.038717
43.15303	0	0.002291	-0.03123	0.031313
43.15539	0	0.003512	-0.0239	0.024156
43.15776	0.001222	0.003512	-0.01718	0.017578
43.16012	0	0.005345	-0.01351	0.014534
43.16248	-0.00122	0.003512	-0.00985	0.010529
43.16484	-0.00061	0.002902	-0.00618	0.006859
43.16721	0.001222	-0.00015	-0.00557	0.005708
43.16957	0.001833	-0.00199	-0.00557	0.006194
43.17193	0.000611	-0.00382	-0.00435	0.005822
43.1743	-0.00183	-0.00382	-0.0013	0.004429
43.17666	-0.00183	-0.00504	-0.00191	0.005692
43.17902	-0.00061	-0.00565	-0.00252	0.006217
43.18138	0	-0.00504	-0.00313	0.005933
43.18375	-0.00061	-0.00137	-0.00496	0.005186
43.18611	-0.00061	-0.00015	-0.00252	0.002597
43.18847	-0.00061	0.00168	-0.00191	0.002615
43.19084	-0.00061	0.000458	-0.00496	0.005022
43.1932	-0.00122	0.000458	-0.0013	0.00184
43.19556	-0.00183	-0.00199	-7.6E-05	0.002703
43.19792	-0.00244	-0.00199	-0.00191	0.003682
43.20029	-0.00183	-0.00321	-0.00252	0.004471
43.20265	-0.00122	-0.00321	-0.00191	0.003927
43.20501	-0.00183	-0.00382	-0.00313	0.005266
43.20738	-0.00183	-0.0026	-0.00069	0.003251
43.20974	-0.00183	-0.0026	-0.00252	0.004055
43.2121	-0.00061	-0.0026	-0.00191	0.00328
43.21446	-0.00122	-0.00443	-0.00191	0.004975
43.21683	-0.00061	-0.00382	-0.00313	0.004975
43.21919	0	-0.0026	-0.00313	0.004067
43.22155	0	-0.00015	-0.0013	0.001307
43.22392	0.000611	0.000458	-0.00191	0.002056
43.22628	-0.00061	0.00168	-0.00252	0.003089
43.22864	-0.00061	0.001069	-0.00313	0.003364
43.231	0	0.002902	-0.00252	0.003843
43.23337	0	0.000458	-0.00069	0.000826
43.23573	0.000611	0.000458	-0.00252	0.002633
43.23809	0.002443	-0.00015	-0.00252	0.003513
43.24046	-0.00061	0.000458	-0.00191	0.002056
43.24282	-0.00061	0.001069	-0.0013	0.001789
43.24518	-0.00061	-0.00015	-0.00252	0.002597
43.24754	0	-0.00015	-0.00252	0.002524
43.24991	0	0.001069	-0.00191	0.002188
43.25227	0.001222	0.002291	-0.00252	0.003618
43.25463	0	0.00168	-0.00313	0.003553
43.257	-0.00183	0.00168	-0.00374	0.004492
43.25936	-0.00183	0.001069	-0.00252	0.003294
43.26172	-0.00183	-0.00137	-0.00313	0.003879

43.26408	-0.00061	-0.0026	-0.00313	0.004113
43.26645	-0.00122	-0.00137	-0.00252	0.003119
43.26881	-0.00061	-0.00321	-0.00313	0.004523
43.27117	-0.00122	-0.00199	-0.00374	0.004408
43.27354	0	-0.00137	-0.00374	0.003986
43.2759	0.001222	-0.00137	-0.00374	0.004169
43.27826	0.001833	-0.00137	-0.00313	0.003879
43.28062	0.000611	0.000458	-0.00374	0.003819
43.28299	-0.00061	0.00168	-0.00252	0.003089
43.28535	0	0.002902	-0.00191	0.003473
43.28771	-0.00061	0.00168	-0.00313	0.003605
43.29007	0.001222	0.002902	-0.00252	0.004032
43.29244	0.000611	0.002902	-0.00496	0.005781
43.2948	-0.00061	0.00168	-0.00313	0.003605
43.29716	-0.00061	0.002902	-0.00557	0.006314
43.29953	-0.00183	0.001069	-0.00374	0.004301
43.30189	-0.00122	-0.00076	-0.00496	0.005168
43.30425	0	-0.00076	-0.00863	0.008662
43.30661	0.001222	0.000458	-0.00924	0.009331
43.30898	0.000611	0.001069	-0.00802	0.008111
43.31134	-0.00244	0.00168	-0.00924	0.009703
43.3137	0	0.004123	-0.01046	0.011244
43.31607	-0.00061	0.00168	-0.01046	0.010612
43.31843	-0.00305	-0.00015	-0.01168	0.012076
43.32079	-0.00305	-0.00015	-0.01351	0.013857
43.32315	-0.00244	-0.00076	-0.01413	0.014356
43.32552	-0.00305	-0.00015	-0.01474	0.015051
43.32788	-0.00305	-0.00137	-0.01657	0.016904
43.33024	-0.00367	-0.00137	-0.0184	0.018813
43.33261	-0.00367	-0.00199	-0.02146	0.021857
43.33497	-0.00244	-0.00015	-0.02451	0.024632
43.33733	-0.00367	-0.00076	-0.02695	0.027212
43.33969	-0.00367	-0.00137	-0.02879	0.029051
43.34206	-0.00183	0.000458	-0.02879	0.028848
43.34442	-0.00244	0.00168	-0.03245	0.032586
43.34678	-0.00122	0.002291	-0.03184	0.031946
43.34915	-0.00122	0.001069	-0.03306	0.033102
43.35151	-0.00305	0.000458	-0.03306	0.033206
43.35387	-0.00244	-0.00015	-0.03551	0.03559
43.35623	-0.00183	-0.00076	-0.03428	0.034341
43.3586	-0.00183	-0.00076	-0.03612	0.036171
43.36096	-0.00061	-0.0026	-0.03856	0.038652
43.36332	-0.00183	-0.00321	-0.03917	0.039344
43.36569	-0.00122	-0.00321	-0.04039	0.040538
43.36805	-0.00244	-0.00382	-0.04039	0.040646
43.37041	-0.00244	-0.0026	-0.04039	0.040549
43.37277	-0.00061	-0.00199	-0.04039	0.040446
43.37514	0.000611	-0.00015	-0.03856	0.038565
43.3775	-0.00061	-0.00199	-0.03734	0.037396
43.37986	-0.00244	0.000458	-0.03795	0.03803
43.38223	-0.00122	-0.00015	-0.03978	0.0398
43.38459	-0.00244	0.000458	-0.03978	0.039859

43.38695	-0.00122	0.00168	-0.03856	0.038616
43.38931	-0.00183	0.002291	-0.04039	0.040499
43.39168	0	0.00168	-0.03917	0.039207
43.39404	-0.00122	-0.00076	-0.04222	0.042249
43.3964	-0.00244	-0.00015	-0.05017	0.050226
43.39877	-0.00244	-0.00015	-0.05994	0.059989
43.40113	-0.00183	0.002291	-0.06483	0.064893
43.40349	-0.00183	0.002291	-0.06544	0.065503
43.40585	0	-0.00015	-0.06544	0.065437
43.40822	-0.00122	-0.00565	-0.07032	0.070561
43.41058	0	-0.00565	-0.0746	0.074813
43.41294	-0.00122	-0.0026	-0.07765	0.077707
43.4153	-0.00061	-0.00199	-0.08071	0.080735
43.41767	-0.00122	-0.00137	-0.08254	0.082561
43.42003	0	0.000458	-0.08498	0.084985
43.42239	0	0.002291	-0.08376	0.083794
43.42476	0.001222	0.003512	-0.08193	0.082014
43.42712	-0.00122	0.005956	-0.07949	0.079719
43.42948	0	0.006567	-0.07399	0.07428
43.43184	0.001222	0.006567	-0.07093	0.071248
43.43421	0.000611	0.003512	-0.0691	0.069194
43.43657	0.001222	0.00168	-0.06727	0.067302
43.43893	0.000611	0.005345	-0.06483	0.065049
43.4413	0.001222	0.004123	-0.05933	0.059484
43.44366	0.000611	0.000458	-0.05322	0.053226
43.44602	-0.00061	0.00168	-0.04833	0.048366
43.44838	0.000611	-0.00015	-0.0465	0.046505
43.45075	0	0.000458	-0.04345	0.043449
43.45311	-0.00244	0.001069	-0.04284	0.042919
43.45547	-0.00305	-0.00076	-0.03734	0.037471
43.45784	-0.00183	-0.00015	-0.03306	0.033113
43.4602	-0.00244	-0.00137	-0.03062	0.030747
43.46256	0	0.000458	-0.02818	0.028179
43.46492	-0.00061	0.00168	-0.02451	0.024575
43.46729	-0.00061	-0.00137	-0.02268	0.022728
43.46965	0.001833	0.000458	-0.02329	0.023365
43.47201	-0.00061	-0.00015	-0.01962	0.019634
43.47438	-0.00122	0.001069	-0.01779	0.017865
43.47674	-0.00367	0.001069	-0.01596	0.016409
43.4791	-0.00611	-0.00321	-0.01474	0.016272
43.48146	-0.00183	-0.00076	-0.01657	0.016688
43.48383	-0.00244	-0.00076	-0.01413	0.014356
43.48619	-0.00183	-0.00137	-0.01229	0.012505
43.48855	-0.00183	-0.0026	-0.01535	0.015673
43.49092	-0.00122	-0.00137	-0.01413	0.014245
43.49328	0.000611	-0.00015	-0.0129	0.01292
43.49564	-0.00122	0.001069	-0.0129	0.013006
43.498	0	0.001069	-0.0129	0.012948
43.50037	0.000611	0.001069	-0.0129	0.012963
43.50273	-0.00183	0.00168	-0.01168	0.011944
43.50509	-0.00061	0.00168	-0.00924	0.00941
43.50746	0.000611	0.001069	-0.00802	0.008111

43.50982	0	0.000458	-0.00802	0.00803
43.51218	-0.00122	0.000458	-0.00496	0.005132
43.51454	-0.00244	-0.00076	-0.00618	0.006694
43.51691	-0.00183	-0.0026	-0.00374	0.004909
43.51927	-0.00061	-0.0026	-0.00374	0.004595
43.52163	-0.00122	-0.00321	-0.00374	0.005077
43.524	-0.00244	-0.00504	-0.00496	0.007483
43.52636	-0.00061	-0.00504	-0.00252	0.005667
43.52872	-0.00122	-0.00321	-0.00069	0.0035
43.53108	0	-0.00321	-0.0013	0.00346
43.53345	-0.00122	-0.00382	0.000534	0.004044
43.53581	-0.00183	-0.00199	0.000534	0.002754
43.53817	-0.00244	-0.00137	-0.0013	0.003089
43.54053	-0.00122	-0.00137	-0.00252	0.003119
43.5429	0	0.000458	-0.0013	0.001377
43.54526	-0.00122	-0.00076	-0.00069	0.001596
43.54762	-0.00122	0.001069	0.000534	0.001709
43.54999	0	-0.00076	0.002978	0.003074
43.55235	-0.00061	0.000458	0.001145	0.001377
43.55471	-0.00061	0.000458	0.000534	0.000932
43.55707	-0.00061	-0.00015	0.000534	0.000826
43.55944	-0.00183	-0.00015	0.002978	0.0035
43.5618	-0.00183	-0.00137	0.001756	0.002886
43.56416	-0.00183	-0.00137	0.002978	0.003757
43.56653	-0.00183	-0.0026	0.00481	0.005765
43.56889	-0.00061	-0.00076	0.006032	0.006111
43.57125	-0.00183	-0.00015	0.006643	0.006893
43.57361	-0.00183	0.000458	0.007865	0.008088
43.57598	-0.00122	-0.00076	0.009086	0.0092
43.57834	-0.00183	0.000458	0.009086	0.009281
43.5807	-0.00183	-0.00015	0.010308	0.010471
43.58307	0	-0.00015	0.012141	0.012142
43.58543	-0.00061	0.000458	0.01153	0.011555
43.58779	-0.00183	-0.00137	0.012141	0.012355
43.59015	-0.00183	-0.00137	0.015806	0.015971
43.59252	-0.00061	-0.00199	0.015806	0.015942
43.59488	-0.00061	0.000458	0.017027	0.017044
43.59724	-0.00061	0.000458	0.017638	0.017655
43.59961	-0.00061	-0.00015	0.015806	0.015818
43.60197	-0.00061	0.001069	0.015195	0.015245
43.60433	-0.00061	0.00168	0.015195	0.0153
43.60669	-0.00061	-0.00015	0.015195	0.015208
43.60906	-0.00122	0.000458	0.015806	0.015859
43.61142	-0.00061	0.00168	0.017027	0.017121
43.61378	0.000611	0.002291	0.015806	0.015982
43.61615	-0.00122	0.001069	0.014584	0.014674
43.61851	-0.00061	0.001069	0.013973	0.014027
43.62087	-0.00061	0.001069	0.015806	0.015854
43.62323	0	0.00168	0.016417	0.016502
43.6256	-0.00244	0.001069	0.016417	0.016632
43.62796	-0.00061	0.000458	0.015195	0.015214
43.63032	-0.00244	-0.00015	0.01886	0.019018

43.63269	-0.00305	-0.00382	0.024358	0.024843
43.63505	-0.00244	-0.00443	0.026801	0.027274
43.63741	-0.00244	-0.00321	0.032299	0.032549
43.63977	-0.00305	-0.00199	0.034742	0.034932
43.64214	-0.00367	-0.00382	0.034131	0.034539
43.64445	-0.00428	-0.00504	0.034742	0.035365
43.64686	-0.00244	-0.00687	0.034131	0.034902
43.64923	0.000611	-0.00565	0.031688	0.032193
43.65159	0	-0.00443	0.030466	0.030786
43.65395	0.001833	-0.00137	0.02619	0.02629
43.65631	0.001833	0.000458	0.02619	0.026258
43.65868	0.000611	0.003512	0.028633	0.028855
43.66104	0.001222	0.006567	0.027412	0.028214
43.6634	0.001222	0.007788	0.028023	0.02911
43.66576	0.001833	0.006567	0.026801	0.027654
43.66813	0	0.003512	0.027412	0.027636
43.67049	-0.00183	0.003512	0.027412	0.027697
43.67285	-0.00061	0.002902	0.028023	0.028179
43.67522	-0.00183	0.00168	0.028023	0.028133
43.67758	0.000611	-0.00199	0.030466	0.030537
43.67994	-0.00122	-0.00382	0.034742	0.034972
43.6823	-0.00367	-0.00504	0.042072	0.042531
43.68467	-0.00428	-0.00443	0.04757	0.047966
43.68703	-0.00489	-0.00443	0.052457	0.052869
43.68939	-0.00733	-0.00687	0.059176	0.060023
43.69176	-0.00855	-0.00748	0.063452	0.064461
43.69412	-0.00733	-0.00932	0.067117	0.068156
43.69648	-0.00794	-0.01115	0.06956	0.070894
43.69884	-0.00733	-0.00993	0.070782	0.071849
43.70121	-0.00672	-0.0087	0.065284	0.066204
43.70357	-0.00611	-0.0087	0.063452	0.064337
43.70593	-0.00367	-0.0087	0.060398	0.061132
43.7083	-0.00183	-0.00504	0.056732	0.056985
43.71066	-0.00244	-0.00565	0.056122	0.056458
43.71302	-0.00305	-0.00321	0.053678	0.053861
43.71538	-0.00305	-0.0026	0.055511	0.055655
43.71775	-0.00122	0.000458	0.055511	0.055526
43.72011	-0.00244	-0.00015	0.053678	0.053734
43.72247	-0.00305	0.001069	0.056732	0.056825
43.72484	-0.00305	-0.00137	0.060398	0.06049
43.7272	-0.00367	-0.00443	0.064063	0.06432
43.72956	-0.00305	-0.0026	0.063452	0.063578
43.73192	-0.00183	0.001069	0.059787	0.059824
43.73429	-0.00122	-0.00199	0.061008	0.061053
43.73665	-0.00305	-0.00382	0.061619	0.061813
43.73901	-0.00428	-0.0026	0.059787	0.059996
43.74138	-0.00367	-0.0026	0.058565	0.058737
43.74374	-0.00367	-0.0026	0.057343	0.057519
43.7461	-0.00244	0.000458	0.057954	0.058007
43.74846	-0.00122	-0.00199	0.059787	0.059832
43.75083	-0.00122	-0.00443	0.06223	0.062399
43.75319	-0.00122	-0.00015	0.062841	0.062853

43.75555	-0.00244	-0.00015	0.062841	0.062889
43.75792	-0.00183	-0.00321	0.062841	0.062949
43.76028	-0.00183	-0.00382	0.06223	0.062374
43.76264	-0.00122	-0.00076	0.063452	0.063468
43.765	-0.00122	-0.00199	0.065284	0.065326
43.76737	-0.00061	-0.00199	0.064673	0.064707
43.76973	0	-0.00199	0.064063	0.064093
43.77209	-0.00122	-0.00321	0.064673	0.064764
43.77446	-0.00428	0.000458	0.068339	0.068474
43.77682	-0.00305	-0.00321	0.068339	0.068482
43.77918	-0.00244	-0.0026	0.072004	0.072092
43.78154	-0.00183	-0.00137	0.075058	0.075093
43.78391	-0.00244	-0.00137	0.078112	0.078162
43.78627	-0.00367	-0.00137	0.082999	0.083091
43.78863	-0.00183	-0.00199	0.086664	0.086706
43.79099	-0.00367	-0.00076	0.092772	0.092848
43.79336	-0.00244	-0.00443	0.09827	0.0984
43.79572	-0.00183	-0.00321	0.104379	0.104444
43.79808	-0.00305	-0.00199	0.111709	0.111768
43.80045	-0.00367	-0.00504	0.117817	0.117982
43.80281	-0.00489	-0.01054	0.124536	0.125077
43.80517	-0.00305	-0.01176	0.131256	0.131817
43.80753	-0.00244	-0.01237	0.138586	0.139158
43.8099	-0.00428	-0.0142	0.145305	0.14606
43.81226	-0.00305	-0.00809	0.152025	0.152271
43.81462	-0.00367	-0.00443	0.162409	0.162511
43.81699	-0.0055	-0.00321	0.170961	0.171079
43.81935	-0.00672	-0.00199	0.178291	0.178429
43.82171	-0.00489	0.002902	0.183789	0.183877
43.82407	-0.00244	0.002902	0.19173	0.191767
43.82644	-0.00305	-0.00015	0.196006	0.196029
43.8288	-0.00061	-0.00137	0.198449	0.198455
43.83116	-0.00061	-0.00015	0.197838	0.197839
43.83353	0	0.000458	0.193562	0.193563
43.83589	0.001222	0.00168	0.193562	0.193573
43.83825	-0.00061	0.005345	0.194784	0.194858
43.84061	-0.00122	0.007788	0.196616	0.196774
43.84298	-0.00183	0.010232	0.196616	0.196891
43.84534	-0.00489	0.007788	0.197838	0.198052
43.8477	-0.00367	0.006567	0.199671	0.199812
43.85007	-0.00305	0.003512	0.199671	0.199725
43.85243	-0.00183	0.002291	0.200282	0.200303
43.85479	-0.00367	-0.00382	0.19906	0.19913
43.85715	-0.00489	-0.00565	0.195395	0.195538
43.85952	-0.00428	-0.00565	0.19173	0.191861
43.86188	-0.00367	-0.00321	0.191119	0.191181
43.86424	-0.00305	-0.00443	0.189286	0.189363
43.86661	-0.00305	-0.00015	0.187454	0.187479
43.86897	-0.00305	0.000458	0.188065	0.18809
43.87133	-0.00061	0.001069	0.185621	0.185625
43.87369	-0.00122	0.000458	0.185621	0.185626
43.87606	0	0.00168	0.191119	0.191126

43.87842	0	0.007788	0.194784	0.19494
43.88078	0.002443	0.007177	0.192951	0.1931
43.88315	0.000611	0.003512	0.19173	0.191763
43.88551	0.000611	0.003512	0.193562	0.193595
43.88787	0.002443	0.007177	0.192341	0.19249
43.89023	0.002443	0.005345	0.192341	0.19243
43.8926	0.003054	0.004123	0.192341	0.192409
43.89496	0.005498	0.005345	0.192341	0.192493
43.89732	0.003665	0.005345	0.193562	0.193671
43.89969	0.001222	0.00901	0.199671	0.199878
43.90205	0	0.010232	0.197838	0.198103
43.90441	-0.00061	0.011453	0.197838	0.19817
43.90677	0.000611	0.012675	0.197227	0.197635
43.90914	0.001222	0.007788	0.196616	0.196774
43.91115	0.004276	0.007788	0.196616	0.196817
43.91386	0.004887	0.005345	0.197838	0.197971
43.91622	0.000611	0.006567	0.197838	0.197948
43.91859	0.000611	0.007177	0.196616	0.196748
43.92095	0.000611	0.000458	0.194173	0.194175
43.92331	-0.00122	-0.00382	0.194173	0.194214
43.92568	0.000611	0.000458	0.189286	0.189288
43.92804	0.001222	0.000458	0.189286	0.189291
43.9304	-0.00183	-0.00382	0.189897	0.189944
43.93276	-0.00305	-0.00199	0.190508	0.190543
43.93513	-0.00305	0.002291	0.188675	0.188714
43.93749	-0.00489	0.001069	0.187454	0.18752
43.93985	-0.00611	-0.00015	0.189897	0.189995
43.94222	-0.00672	-0.00015	0.187454	0.187574
43.94458	-0.00611	-0.00137	0.188675	0.188779
43.94694	-0.00794	-0.00321	0.192341	0.192531
43.9493	-0.00977	-0.00321	0.19173	0.192005
43.95167	-0.00733	-0.00504	0.189286	0.189495
43.95403	-0.00794	-0.0087	0.186843	0.187214
43.95639	-0.00855	-0.00932	0.187454	0.18788
43.95876	-0.01038	-0.00993	0.186843	0.187394
43.96112	-0.00855	-0.01054	0.181956	0.182461
43.96348	-0.00916	-0.00993	0.176459	0.176975
43.96584	-0.00855	-0.00748	0.170961	0.171338
43.96821	-0.01038	-0.00932	0.166685	0.167268
43.97057	-0.00916	-0.00809	0.16302	0.163478
43.97293	-0.00794	-0.00565	0.159355	0.159653
43.9753	-0.00672	-0.00443	0.154468	0.154677
43.97766	-0.0055	-0.00504	0.150803	0.150987
43.98002	-0.00428	-0.0026	0.150803	0.150886
43.98238	-0.00305	-0.00137	0.149581	0.149619
43.98475	-0.00367	0.003512	0.14164	0.141731
43.98711	-0.00305	0.007177	0.136753	0.136976
43.98947	-0.00061	0.00901	0.134921	0.135223
43.99184	0	0.010843	0.129423	0.129877
43.9942	0.001833	0.010232	0.127591	0.128013
43.99656	0.002443	0.010232	0.125147	0.125589
43.99892	0.003054	0.011453	0.120871	0.121451

44.00129	0.001833	0.012675	0.120871	0.121548
44.00365	-0.00061	0.008399	0.116595	0.116899
44.00601	0.001222	0.010843	0.109265	0.109809
44.00838	0.001222	0.008399	0.106211	0.10655
44.01074	-0.00183	0.004123	0.097659	0.097763
44.0131	-0.00061	0.002291	0.092772	0.092803
44.01546	0.000611	0.002902	0.088496	0.088546
44.01783	0.000611	0.001069	0.084221	0.08423
44.02019	0.000611	0.000458	0.079945	0.079948
44.02255	0	-0.00076	0.080555	0.080559
44.02492	0	-0.00015	0.075669	0.075669
44.02728	-0.00122	0.000458	0.073836	0.073848
44.02964	-0.00122	0.002291	0.06956	0.069609
44.032	0	0.002291	0.065895	0.065935
44.03437	-0.00122	0.004734	0.064063	0.064249
44.03673	-0.00122	0.006567	0.060398	0.060766
44.03909	0.000611	0.00901	0.0549	0.055638
44.04145	0.001833	0.008399	0.046959	0.047739
44.04382	0.001222	0.00901	0.043294	0.044238
44.04618	0.001222	0.008399	0.04085	0.041723
44.04854	0.002443	0.007788	0.035964	0.036878
44.05091	0.001222	0.007788	0.032299	0.033247
44.05327	-0.00061	0.007177	0.029244	0.030118
44.05563	0.001833	0.005345	0.023136	0.023816
44.05799	-0.00061	0.002902	0.021303	0.021509
44.06036	-0.00122	0.002902	0.020692	0.020931
44.06272	0	0.002291	0.019471	0.019605
44.06508	-0.00122	0.001069	0.016417	0.016497
44.06745	-0.00061	0.000458	0.015806	0.015824
44.06981	-0.00183	0.000458	0.016417	0.016525
44.07217	-0.00183	-0.00015	0.012751	0.012883
44.07453	0.001222	-0.00137	0.012751	0.012883
44.0769	0	0.00168	0.010308	0.010444
44.07926	0.000611	0.002902	0.005421	0.006179
44.08162	0.001833	0.004734	0.006032	0.007884
44.08399	0.001222	0.002902	0.006032	0.006804
44.08635	0.001222	0.004123	0.006032	0.007408
44.08871	0.001222	0.002291	0.007254	0.007704
44.09107	0.001222	0.004123	0.005421	0.00692
44.09344	0.000611	0.004123	0.006032	0.007332
44.0958	0.001222	0.005345	0.006032	0.008152
44.09816	0.001222	0.005345	0.009086	0.010612
44.10053	0	0.002902	0.010308	0.010709
44.10289	0.001222	0.005956	0.010919	0.012497
44.10525	0.002443	0.007788	0.008476	0.011767
44.10761	0.001222	0.005345	0.009697	0.01114
44.10998	0.001222	0.004734	0.010308	0.011409
44.11234	0	0.004734	0.009697	0.010791
44.1147	0.000611	0.004123	0.01153	0.01226
44.11707	-0.00122	0.004123	0.013362	0.014037
44.11943	0.000611	0.003512	0.012751	0.01324
44.12179	-0.00244	0.003512	0.014584	0.015199

44.12415	-0.00061	0.002902	0.015806	0.016081
44.12652	-0.00122	0.00168	0.017638	0.01776
44.12888	0	0.002291	0.017027	0.017181
44.13124	-0.00061	0.00168	0.01886	0.018944
44.13361	-0.00061	0.001069	0.019471	0.01951
44.13597	-0.00061	-0.00199	0.021914	0.022012
44.13833	0	-0.00199	0.024968	0.025047
44.14069	0	-0.00015	0.026801	0.026801
44.14306	-0.00122	-0.00076	0.029244	0.02928
44.14542	-0.00244	-0.00076	0.029855	0.029965
44.14778	-0.00244	0.001069	0.028023	0.028149
44.15015	0.001222	0.001069	0.029244	0.029289
44.15251	0.000611	0.00168	0.032299	0.032348
44.15487	-0.00061	0.002902	0.038407	0.038521
44.15723	-0.00061	0.002291	0.042072	0.042139
44.1596	0.000611	0.004123	0.043294	0.043494
44.16196	0.001833	0.006567	0.043905	0.044431
44.16432	0.001222	0.005956	0.046348	0.046745
44.16668	0	0.004734	0.048791	0.049021
44.16905	0.003665	0.00901	0.04757	0.048554
44.17141	0.003054	0.010232	0.048181	0.04935
44.17377	-0.00061	0.007177	0.046348	0.046904
44.17614	-0.00122	0.005345	0.046959	0.047278
44.1785	-0.00122	0.004123	0.049402	0.049589
44.18086	-0.00061	0.005345	0.051235	0.051516
44.18322	0	0.006567	0.053678	0.054078
44.18559	0.000611	0.004734	0.052457	0.052673
44.18795	0	0.002902	0.04757	0.047658
44.19031	-0.00122	0.002902	0.046348	0.046455
44.19268	0	0.003512	0.050013	0.050136
44.19504	-0.00122	0.003512	0.053678	0.053807
44.1974	-0.00244	0.002902	0.053067	0.053203
44.19976	-0.00183	0.004123	0.053678	0.053868
44.20213	-0.00061	0.003512	0.053067	0.053187
44.20449	-0.00244	0.004123	0.053067	0.053283
44.20685	-0.00122	0.002291	0.055511	0.055571
44.20922	-0.00122	0.002902	0.053678	0.05377
44.21158	-0.00061	0.002902	0.057954	0.05803
44.21394	-0.00305	0.000458	0.061619	0.061697
44.2163	-0.00183	0.00168	0.06223	0.06228
44.21867	-0.00244	0.003512	0.059176	0.05933
44.22103	-0.00244	0.000458	0.056732	0.056787
44.22339	-0.00244	0.000458	0.057954	0.058007
44.22576	-0.00122	0.00168	0.059787	0.059823
44.22812	-0.00122	0.000458	0.057343	0.057358
44.23048	-0.00061	0.001069	0.061008	0.061021
44.23284	-0.00061	0.000458	0.060398	0.060402
44.23521	-0.00122	0.002291	0.062841	0.062895
44.23757	-0.00244	0.002291	0.064063	0.06415
44.23993	-0.0055	0.003512	0.065284	0.065609
44.2423	-0.00367	0.003512	0.067117	0.067309
44.24466	-0.00367	0.002902	0.067728	0.067889

44.24702	-0.00244	0.004123	0.068339	0.068506
44.24938	-0.00122	0.005956	0.068339	0.068608
44.25175	-0.00183	0.002902	0.068949	0.069035
44.25411	-0.00244	0.002902	0.072004	0.072103
44.25647	-0.00367	0.003512	0.073836	0.07401
44.25884	-0.00489	0.000458	0.07689	0.077047
44.2612	-0.00244	0.000458	0.07628	0.07632
44.26356	-0.00305	-0.00015	0.075058	0.07512
44.26592	-0.00122	-0.00076	0.075058	0.075072
44.26829	-0.00244	-0.00199	0.078112	0.078176
44.27065	-0.00428	-0.00015	0.081777	0.081889
44.27301	-0.00428	-0.00137	0.086053	0.08617
44.27538	-0.00428	-0.00015	0.09094	0.09104
44.27774	-0.00367	-0.00015	0.094605	0.094676
44.2801	-0.00428	-0.00076	0.095827	0.095925
44.28246	-0.00367	-0.00137	0.100103	0.100179
44.28483	-0.00244	0.003512	0.103157	0.103246
44.28719	-0.00428	0.005956	0.104989	0.105245
44.28955	-0.00428	0.003512	0.109265	0.109405
44.29192	-0.00611	0.004123	0.111709	0.111952
44.29428	-0.00367	0.004734	0.114152	0.114309
44.29664	-0.00428	0.005956	0.115985	0.116216
44.299	-0.00367	0.005345	0.119039	0.119215
44.30137	-0.00244	0.004734	0.115374	0.115497
44.30373	-0.00244	0.002902	0.118428	0.118489
44.30609	-0.00244	0.00168	0.120871	0.120908
44.30845	-0.00367	0.000458	0.123315	0.12337
44.31082	-0.00367	-0.00076	0.126369	0.126424
44.31318	-0.00122	0.002291	0.131256	0.131281
44.31554	-0.00367	0.002902	0.134921	0.135002
44.31791	-0.00489	0.00168	0.141029	0.141124
44.32027	-0.00733	0.000458	0.147138	0.147321
44.32263	-0.00672	0.003512	0.149581	0.149773
44.32499	-0.00428	0.005345	0.152635	0.152789
44.32736	-0.00428	0.003512	0.164242	0.164335
44.32972	-0.00367	-0.00015	0.17768	0.177718
44.33208	-0.00244	0.00168	0.183789	0.183813
44.33445	-0.00305	0.002902	0.196006	0.196051
44.33681	-0.00489	0.002291	0.211277	0.211346
44.33917	-0.00733	0.005956	0.22044	0.220642
44.34153	-0.00733	0.008399	0.232046	0.232313
44.3439	-0.00794	0.007177	0.241819	0.242056
44.34626	-0.00611	0.006567	0.247317	0.247479
44.34862	-0.0055	0.007788	0.248538	0.248721
44.35099	-0.00794	0.00901	0.24976	0.250049
44.35335	-0.00672	0.010232	0.245484	0.245789
44.35571	-0.00794	0.00901	0.241819	0.242117
44.35807	-0.00794	0.013897	0.237543	0.238082
44.36044	-0.00916	0.01634	0.234489	0.235236
44.3628	-0.00977	0.015729	0.230824	0.231566
44.36516	-0.01222	0.014508	0.227159	0.227949
44.36753	-0.00977	0.012675	0.222883	0.223457

44.36989	-0.00855	0.011453	0.218607	0.219074
44.37225	-0.00428	0.010232	0.215553	0.215838
44.37461	-0.00305	0.003512	0.215553	0.215603
44.37698	-0.00367	0.005345	0.216164	0.216261
44.37934	-0.00183	0.003512	0.217385	0.217421
44.3817	-0.00305	-0.00443	0.214942	0.215009
44.38407	-0.0055	-0.00932	0.217385	0.217654
44.38643	-0.00611	-0.00809	0.221661	0.221893
44.38879	-0.00672	-0.00504	0.224105	0.224262
44.39115	-0.00733	-0.00809	0.228991	0.229252
44.39352	-0.00855	-0.00932	0.232046	0.23239
44.39588	-0.00977	-0.00137	0.238765	0.238969
44.39824	-0.01283	0.005345	0.246095	0.246487
44.40061	-0.01344	0.006567	0.250982	0.251427
44.40297	-0.01161	0.006567	0.250982	0.251336
44.40533	-0.00916	0.011453	0.252204	0.25263
44.40769	-0.00794	0.012064	0.253425	0.253837
44.41006	-0.00733	0.013897	0.252204	0.252692
44.41242	-0.00672	0.012064	0.24976	0.250142
44.41478	-0.00672	0.012675	0.249149	0.249562
44.41715	-0.00733	0.016951	0.249149	0.249833
44.41951	-0.00916	0.017562	0.251593	0.252371
44.42187	-0.011	0.018173	0.254036	0.254923
44.42423	-0.01038	0.017562	0.25648	0.25729
44.4266	-0.00794	0.012064	0.264421	0.264815
44.42896	-0.00794	0.010843	0.267475	0.267812
44.43132	-0.00794	0.004734	0.269918	0.270076
44.43368	-0.00794	0.001069	0.27114	0.271258
44.43605	-0.00855	-0.00137	0.274194	0.274331
44.43841	-0.00916	-0.00199	0.273583	0.273744
44.44077	-0.00977	-0.00199	0.276027	0.276207
44.44314	-0.011	-0.0026	0.277248	0.277478
44.4455	-0.01161	-0.00015	0.276637	0.276881
44.44786	-0.01283	-0.00137	0.271751	0.272057
44.45022	-0.01344	-0.00382	0.27114	0.2715
44.45259	-0.011	-0.0026	0.266864	0.267103
44.45495	-0.011	-0.00015	0.261366	0.261597
44.45731	-0.00916	-0.00015	0.25648	0.256643
44.45968	-0.00977	0.004123	0.24976	0.249985
44.46204	-0.00794	0.005345	0.245484	0.245671
44.4644	-0.01038	0.000458	0.2351	0.23533
44.46676	-0.01038	-0.00199	0.225326	0.225574
44.46913	-0.00977	-0.00137	0.212498	0.212728
44.47149	-0.00733	-0.00137	0.19173	0.191875
44.47385	-0.0055	-0.00504	0.176459	0.176616
44.47622	-0.00489	-0.0087	0.164852	0.165154
44.47858	-0.00489	-0.00748	0.14836	0.148628
44.48094	-0.00367	-0.00687	0.131867	0.132096
44.4833	-0.00489	-0.01237	0.11965	0.120387
44.48567	-0.00428	-0.0087	0.111709	0.112129
44.48803	-0.00122	-0.00565	0.100103	0.100269
44.49039	-0.00489	-0.00626	0.09094	0.091286

44.49276	-0.00428	-0.00748	0.079945	0.080408
44.49512	-0.00183	-0.00321	0.071393	0.071488
44.49748	-0.00244	-0.00565	0.062841	0.063142
44.49984	-0.00305	-0.00748	0.04757	0.048251
44.50221	-0.00122	-0.00199	0.038407	0.038478
44.50457	-0.00244	0.000458	0.031077	0.031176
44.50693	-0.00183	-0.00015	0.024358	0.024427
44.5093	-0.00305	0.004734	0.01886	0.019683
44.51166	-0.00244	0.004123	0.014584	0.015351
44.51402	-0.00489	-0.00076	0.009697	0.010886
44.51638	0.000611	0.004123	0.002978	0.005123
44.51875	-0.00061	0.001069	-0.00435	0.004523
44.52111	-0.00183	-0.00076	-0.00863	0.008854
44.52347	-0.00305	0.001069	-0.01413	0.014492
44.52584	-0.00061	0.002291	-0.02023	0.020373
44.5282	0.000611	-0.00199	-0.02573	0.025816
44.53056	0.001222	0.000458	-0.03306	0.033088
44.53292	0.001222	-0.00015	-0.03673	0.036748
44.53529	0.003054	-0.00076	-0.04039	0.040515
44.53765	0.001833	0.005345	-0.04161	0.041996
44.54001	0.001222	0.005345	-0.04467	0.045003
44.54238	0.000611	0.00168	-0.04467	0.044704
44.54474	0.001833	0.004123	-0.04284	0.043073
44.5471	0.001222	0.006567	-0.04222	0.04275
44.54946	-0.00061	0.006567	-0.04284	0.04334
44.55183	0	0.004123	-0.04345	0.043642
44.55419	0.001833	0.004734	-0.04406	0.044349
44.55655	0.000611	0.003512	-0.04589	0.046028
44.55891	0.001222	0.005345	-0.04528	0.04561
44.56128	-0.00061	0.005345	-0.04955	0.049846
44.56364	-0.00061	0.006567	-0.05078	0.051203
44.566	-0.00061	0.00901	-0.04894	0.04977
44.56837	-0.00061	0.00901	-0.04589	0.04677
44.57073	-0.00183	0.006567	-0.04222	0.042772
44.57309	0	0.006567	-0.041	0.041526
44.57545	0.000611	0.007177	-0.03978	0.040428
44.57782	-0.00122	0.005956	-0.04039	0.040847
44.58018	0	0.005345	-0.03917	0.039534
44.58254	0	0.004123	-0.03795	0.038172
44.58491	0.000611	0.004734	-0.03489	0.03522
44.58727	-0.00061	0.004734	-0.03489	0.03522
44.58963	0	0.004734	-0.03489	0.035214
44.59199	0	0.004734	-0.03245	0.032795
44.59436	-0.00122	0.002902	-0.03245	0.032604
44.59672	0	0.000458	-0.03123	0.031233
44.59908	0	0.002902	-0.03001	0.030148
44.60145	0.000611	0.002291	-0.02695	0.027058
44.60381	-0.00061	0.000458	-0.02512	0.025133
44.60617	0.001222	0.002902	-0.02329	0.0235
44.60853	0	0.00168	-0.02329	0.023349
44.6109	0.000611	0.002291	-0.02085	0.02098
44.61326	0	0.002291	-0.02085	0.020971

44.61562	0.000611	0.002902	-0.02268	0.022871
44.61799	0.001222	0.002902	-0.02085	0.021082
44.62035	-0.00122	0.004734	-0.0184	0.01904
44.62271	-0.00183	0.005345	-0.01718	0.018085
44.62507	0	0.004734	-0.0184	0.019001
44.62744	-0.00061	0.003512	-0.01596	0.016352
44.6298	-0.00061	0.002291	-0.01413	0.014323
44.63216	0	0.00168	-0.01474	0.014832
44.63453	0	0.001069	-0.01351	0.013557
44.63689	-0.00061	0.001069	-0.01107	0.011114
44.63925	0	0.002902	-0.01107	0.011445
44.64161	-0.00061	0.001069	-0.00802	0.008111
44.64398	0.000611	0.001069	-0.00924	0.009321
44.64634	-0.00061	0.001069	-0.0068	0.006906
44.6487	0.001222	0.000458	-0.00496	0.005132
44.65107	-0.00061	0.00168	-0.00435	0.004705
44.65343	0.000611	0.001069	-0.00496	0.005114
44.65579	0.000611	0.000458	-0.00557	0.005626
44.65815	0.001222	0.00168	-0.00374	0.004279
44.66052	0	0.001069	-0.00313	0.003308
44.66288	0.000611	0.001069	-0.00435	0.004523
44.66524	0.002443	-0.00015	-0.00313	0.003974
44.66761	0.001833	0.00168	-0.00374	0.004492
44.66997	-0.00061	0.002291	-0.00313	0.003927
44.67233	0	0.00168	-0.00252	0.003028
44.67469	0	0.00168	-0.00252	0.003028
44.67706	0.001222	0.002291	-0.0013	0.002903
44.67942	0	0.001069	-7.6E-05	0.001072
44.68178	0	0.003512	-7.6E-05	0.003513
44.68414	0	0.004734	-0.0013	0.004909
44.68651	-0.00183	0.00168	0.000534	0.002543
44.68887	0.000611	0.003512	-0.00252	0.004366
44.69123	0	0.002902	-0.00191	0.003473
44.6936	-0.00061	0.002291	-0.00191	0.003044
44.69596	0	0.00168	-0.00069	0.001815
44.69832	-0.00061	0.00168	-0.00191	0.002615
44.70068	0	0.002291	-0.0013	0.002633
44.70305	-0.00061	0.003512	-7.6E-05	0.003566
44.70541	-0.00061	0.002902	0.000534	0.003013
44.70777	-0.00061	0.002902	-0.0013	0.003237
44.71014	-0.00122	0.002291	-7.6E-05	0.002597
44.7125	-0.00122	0.00168	0.000534	0.002145
44.71486	-0.00061	0.002902	-0.00191	0.003526
44.71722	0	0.003512	-7.6E-05	0.003513
44.71959	-0.00122	0.004123	-7.6E-05	0.004301
44.72195	-0.00061	0.004734	0.000534	0.004803
44.72431	-0.00305	0.003512	-0.00069	0.004705
44.72668	-0.00244	0.001069	-0.0013	0.002966
44.72904	-0.00122	0.00168	-0.0013	0.002449
44.7314	-0.00183	0.001069	-0.00069	0.00223
44.73376	-0.00061	0.004123	-0.00069	0.004224
44.73613	-0.00061	0.004734	0.001145	0.004909

44.73849	-0.00122	0.001069	-7.6E-05	0.001625
44.74085	-0.00183	0.00168	-0.00191	0.003134
44.74322	-0.00183	0.00168	-0.00069	0.002579
44.74558	0	0.00168	-0.0013	0.002123
44.74794	-0.00122	0.002902	-0.00191	0.003682
44.7503	-0.00183	0.00168	-7.6E-05	0.002487
44.75267	-0.00122	0.00168	-0.00374	0.004279
44.75503	0.000611	0.002902	-0.0013	0.003237
44.75739	0	0.000458	0.000534	0.000704
44.75976	-0.00061	0.001069	-7.6E-05	0.001234
44.76212	-0.00061	0.00168	0.000534	0.001866
44.76448	0.000611	0.00168	-0.00191	0.002615
44.76684	-0.00061	0.00168	-0.00374	0.004146
44.76921	-0.00061	0.00168	-0.00252	0.003089
44.77157	0.001222	0.001069	-0.00374	0.004078
44.77393	-0.00122	0.001069	-0.00191	0.002506
44.7763	-0.00183	0.00168	-0.00313	0.003998
44.77866	-0.00122	0.002291	-0.00374	0.004554
44.78102	0	0.001069	-0.00191	0.002188
44.78338	-0.00061	0.00168	-0.00313	0.003605
44.78575	0	0.004123	-0.00435	0.005995
44.78811	-0.00122	0.00168	-0.00191	0.002821
44.79047	0	0.000458	-0.0013	0.001377
44.79284	0	0.000458	-0.00191	0.001963
44.7952	0	0.00168	-0.00435	0.004665
44.79756	-0.00183	0.002902	-0.00374	0.005077
44.79992	0.000611	0.002291	-0.00252	0.00346
44.80229	0.000611	0.002291	-0.00069	0.002468
44.80465	0.001833	0.001069	-0.0013	0.002487
44.80701	-0.00122	0.00168	-0.00191	0.002821
44.80937	0	0.002291	-0.00252	0.003405
44.81174	0	0.003512	-0.00191	0.003998
44.8141	-0.00061	0.004123	-0.00191	0.004585
44.81646	0.001222	0.002902	-0.00191	0.003682
44.81883	0	0.003512	-0.0013	0.003745
44.82119	0	0.003512	-0.00374	0.005132
44.82355	-0.00061	0.002902	-0.00313	0.004312
44.82591	-0.00244	0.003512	-0.00252	0.004965
44.82828	-0.00122	0.00168	-0.00313	0.003757
44.83064	0.000611	0.001069	-0.00313	0.003364
44.833	0	0.000458	-0.00374	0.003769
44.83537	-0.00183	0.000458	-0.00252	0.003149
44.83773	-0.00183	0.002902	-0.00313	0.004645
44.84009	-0.00122	0.002291	-0.00252	0.003618
44.84245	-0.00122	0.00168	-0.00496	0.00538
44.84482	-0.00122	0.002291	-0.00435	0.005068
44.84718	-0.00061	0.003512	-0.00618	0.007139
44.84954	-0.00183	0.00168	-0.00557	0.006103
44.85191	-0.00183	0.004123	-0.00557	0.007171
44.85427	-0.00122	0.005345	-0.0068	0.008732
44.85663	0	0.004123	-0.00741	0.008477
44.85899	0.002443	0.005956	-0.00741	0.009813

44.86136	0.002443	0.004734	-0.00985	0.011198
44.86372	-0.00183	0.002902	-0.00924	0.009856
44.86608	0	0.005345	-0.00985	0.011207
44.86845	0	0.004123	-0.01229	0.012966
44.87081	-0.00061	0.004734	-0.01168	0.01262
44.87317	-0.00122	0.004123	-0.01168	0.012449
44.87553	-0.00183	0.004123	-0.01351	0.014248
44.8779	-0.00244	0.004734	-0.01107	0.012287
44.88026	-0.00122	0.006567	-0.01229	0.013991
44.88262	-0.00244	0.006567	-0.01168	0.013622
44.88499	-0.00122	0.006567	-0.01107	0.01293
44.88735	-0.00244	0.010843	-0.01168	0.016125
44.88971	-0.00305	0.010232	-0.01046	0.014948
44.89207	-0.00183	0.00901	-0.00741	0.011807
44.89444	-0.00122	0.009621	-0.00741	0.012203
44.8968	-0.00061	0.00901	-0.00618	0.010946
44.89916	-0.00061	0.007177	-0.00741	0.010332
44.90153	-0.00061	0.006567	-0.00741	0.009917
44.90389	-0.00122	0.005345	-0.01107	0.012355
44.90625	0.001222	0.004123	-0.01229	0.013024
44.90861	-0.00122	0.007177	-0.01107	0.013251
44.91098	-0.00244	0.004734	-0.00924	0.010665
44.91334	-0.00183	0.002902	-0.01046	0.011009
44.9157	-0.00244	0.002291	-0.01229	0.012741
44.91807	-0.00183	0.003512	-0.0129	0.013499
44.92043	0.001222	0.003512	-0.01046	0.011102
44.92279	0.000611	0.005345	-0.01107	0.012309
44.92515	-0.00122	0.004123	-0.00924	0.010191
44.92752	-0.00244	0.005345	-0.00863	0.01044
44.92988	-0.00367	0.008399	-0.00985	0.013454
44.93224	-0.00183	0.006567	-0.01107	0.013002
44.9346	-0.00061	0.006567	-0.00924	0.011351
44.93697	-0.00122	0.007788	-0.01107	0.013592
44.93933	0	0.005345	-0.00985	0.011207
44.94169	-0.00061	0.003512	-0.00863	0.009336
44.94406	-0.00061	0.002902	-0.01046	0.010873
44.94642	0	0.002291	-0.01107	0.011306
44.94878	-0.00183	0.00168	-0.01168	0.011944
44.95114	0	0.002902	-0.01474	0.01502
44.95351	0	0.002902	-0.01535	0.015619
44.95587	-0.00061	0.002291	-0.01474	0.014926
44.95823	0	0.004734	-0.01718	0.01782
44.9606	-0.00061	0.005956	-0.01413	0.015342
44.96296	-0.00122	0.005956	-0.01474	0.015942
44.96532	-0.00061	0.007788	-0.01413	0.016142
44.96768	-0.00122	0.007788	-0.01168	0.014094
44.97005	-0.00122	0.008399	-0.01046	0.013471
44.97241	-0.00244	0.008399	-0.00863	0.012287
44.97477	-0.00244	0.007177	-0.00863	0.011486
44.97714	-0.00061	0.006567	-0.00741	0.009917
44.9795	-0.00122	0.005956	-0.0068	0.009118
44.98186	-0.00122	0.004734	-0.00741	0.008875

44.98422	-0.00061	0.005345	-0.00802	0.009655
44.98659	-0.00122	0.004123	-0.00618	0.007533
44.98895	-0.00122	0.004734	-0.00618	0.007884
44.99131	0	0.004734	-0.00496	0.006859
44.99368	-0.00183	0.004734	-0.00435	0.006687
44.99604	-0.00183	0.005956	-0.00618	0.00878
44.9984	-0.00183	0.005345	-0.00435	0.007132
45.00076	-0.00122	0.005956	-0.00374	0.007139
45.00313	-0.00122	0.005956	-0.00374	0.007139
45.00549	-0.00122	0.003512	-0.00313	0.004861
45.00785	-0.00122	0.002291	-0.00313	0.004067
45.01022	-0.00183	0.002902	-0.00252	0.004257
45.01258	-0.00061	0.003512	-0.00313	0.004745
45.01494	-0.00122	0.004123	-0.00069	0.004355
45.0173	-0.00061	0.00168	-0.0013	0.002209
45.01967	0.000611	-0.00015	-7.6E-05	0.000634
45.02203	0.000611	0.003512	-0.00252	0.004366
45.02439	-0.00183	0.000458	-0.00191	0.002686
45.02676	-0.00122	0.00168	-0.00069	0.002188
45.02912	0.000611	0.00168	-0.0013	0.002209
45.03148	-0.00061	0.002902	-0.00069	0.003044
45.03384	0	0.00168	0.000534	0.001763
45.03621	0	0.002291	0.000534	0.002352
45.03857	0	0.001069	0.000534	0.001195
45.04093	0	0.001069	-0.00191	0.002188
45.0433	-0.00061	0.00168	0.000534	0.001866
45.04566	0	-0.00015	0.001145	0.001155
45.04802	0	-0.00076	0.000534	0.000932
45.05038	0	0.002902	0.001145	0.003119
45.05275	-0.00061	-0.00015	0.000534	0.000826
45.05511	-0.00061	0.000458	0.001756	0.001915
45.05747	0	0.001069	0.001145	0.001567
45.05984	0.000611	-0.00076	0.002367	0.002561
45.0622	0	-0.00015	0.001756	0.001763
45.06456	0.001833	0.001069	0.002367	0.003179
45.06692	0.000611	-0.00137	-7.6E-05	0.001506
45.06929	0	-0.00015	0.001145	0.001155
45.07165	0	-0.00137	0.001756	0.00223
45.07401	-0.00061	-0.00015	-7.6E-05	0.000634
45.07637	0.000611	-0.00015	0.001756	0.001866
45.07874	0	-0.00076	0.001145	0.001377
45.0811	-0.00061	-0.00137	0.000534	0.001596
45.08346	0	0.000458	0.001145	0.001234
45.08583	0.000611	0.001069	0.001145	0.001682
45.08819	0	0.001069	-7.6E-05	0.001072
45.09055	-0.00061	0.000458	0.001145	0.001377
45.09291	0	-0.00076	0.001756	0.001915
45.09528	0	-0.00137	-7.6E-05	0.001377
45.09764	0	-0.00015	0.001756	0.001763
45.1	0.000611	0.002902	0.001756	0.003446
45.10237	-0.00183	0.005956	0.000534	0.006254
45.10473	-0.00244	0.003512	0.001145	0.004429

45.10709	-0.00367	0.003512	0.001756	0.005372
45.10945	-0.00122	0.003512	0.000534	0.003757
45.11182	0	0.001069	0.000534	0.001195
45.11418	0.001222	-0.00137	0.001145	0.002166
45.11654	0.001222	-0.00199	-0.0013	0.002668
45.11891	0.001833	-0.00199	0.001756	0.003222
45.12127	0	-0.00321	0.000534	0.003251
45.12363	-0.00122	-0.00321	0.001145	0.003618
45.12599	-0.00122	-0.00199	-7.6E-05	0.002332
45.12836	0.000611	-0.00199	-7.6E-05	0.002079
45.13072	-0.00061	-0.0026	0.001756	0.003193
45.13308	0.000611	-0.0026	0.000534	0.00272
45.13545	0.000611	-0.00199	-7.6E-05	0.002079
45.13781	0.001222	-0.00015	0.000534	0.001342
45.14017	-0.00183	-0.00076	0.001145	0.002292
45.14253	-0.00122	-0.00076	0.001145	0.00184
45.1449	-0.00122	0.001069	0.001756	0.002392
45.14726	-0.00183	0.000458	0.001145	0.002209
45.14962	0	0.001069	-7.6E-05	0.001072
45.15199	-0.00122	0.000458	-0.00069	0.001475
45.15435	0.000611	0.001069	0.000534	0.001342
45.15671	0	-0.00199	-0.00069	0.002101
45.15907	0	-0.00443	0.000534	0.004461
45.16144	-0.00061	-0.00321	-7.6E-05	0.003265
45.1638	-0.00183	-0.00137	-7.6E-05	0.002292
45.16616	0.000611	-0.00076	-0.00191	0.002145
45.16853	-0.00122	0.000458	-0.0013	0.00184
45.17089	-0.00305	0.002291	-7.6E-05	0.003819
45.17325	-0.00244	0.002902	-0.0013	0.004009
45.17561	-0.00305	0.003512	-0.00252	0.005293
45.17798	-0.00122	0.002291	-0.00252	0.003618
45.18034	-0.00183	0.002291	-0.0013	0.003208
45.1827	-0.00122	0.00168	-0.0013	0.002449
45.18507	-0.00122	0.002291	-0.00191	0.003222
45.18743	-0.00244	0.001069	-0.00252	0.003669
45.18979	-0.00244	-0.00015	-0.0013	0.002771
45.19215	-0.00244	0.002291	-0.00313	0.004585
45.19452	-0.00061	0.004123	-0.00374	0.005601
45.19688	0	0.00168	-0.00313	0.003553
45.19924	-0.00183	0.00168	-0.00435	0.005012
45.2016	-0.00183	0.000458	-0.00435	0.004745
45.20397	-0.00183	-0.00137	-0.00496	0.005466
45.20633	-0.00305	-0.00199	-0.00435	0.005676
45.20869	-0.00061	0.000458	-0.00435	0.004419
45.21106	-0.00061	-0.00076	-0.00496	0.005059
45.21342	0	-0.00015	-0.00618	0.006187
45.21578	-0.00061	-0.00076	-0.00741	0.007471
45.21814	-0.00122	0.000458	-0.01107	0.011148
45.22051	-0.00061	0.000458	-0.01046	0.010489
45.22287	-0.00183	-0.00076	-0.01229	0.012453
45.22523	-0.00061	0.000458	-0.01657	0.016587
45.2276	0	0.00168	-0.02085	0.020913

45.22996	-0.00122	0.003512	-0.02512	0.025395
45.23232	0.000611	0.003512	-0.02756	0.027794
45.23468	0.000611	0.00168	-0.03184	0.031891
45.23705	-0.00122	0.00168	-0.03551	0.035566
45.23941	0.000611	0.00168	-0.03917	0.039211
45.24177	0	0.003512	-0.04039	0.040545
45.24414	-0.00183	0.004123	-0.03856	0.038823
45.2465	-0.00122	0.003512	-0.04039	0.040563
45.24886	-0.00244	0.002291	-0.03917	0.039314
45.25122	-0.00061	0.002902	-0.03856	0.038674
45.25359	0	0.002902	-0.03551	0.035624
45.25595	-0.00122	0.001069	-0.03489	0.034932
45.25831	0.000611	-0.00199	-0.03245	0.032518
45.26068	0.001833	0.001069	-0.0294	0.029473
45.26304	0.001222	0.000458	-0.02818	0.028206
45.2654	0.000611	-0.00015	-0.02451	0.024518
45.26776	0.001222	0.002291	-0.02512	0.025255
45.27013	-0.00122	0.001069	-0.02634	0.026393
45.27249	-0.00183	0.00168	-0.03062	0.030719
45.27485	-0.00061	0.002902	-0.03856	0.038674
45.27722	-0.00061	0.005956	-0.041	0.041438
45.27958	0	0.004734	-0.03856	0.038849
45.28194	0.000611	0.003512	-0.03917	0.039332
45.2843	0.001833	0.00168	-0.04039	0.040469
45.28667	0.001833	0.000458	-0.04039	0.040436
45.28903	0.000611	0.00168	-0.03795	0.037991
45.29139	-0.00061	0.00168	-0.03734	0.037381
45.29376	-0.00122	0.002291	-0.03489	0.034991
45.29612	-0.00122	0.002291	-0.03428	0.034382
45.29848	-0.00244	0.004123	-0.03062	0.030992
45.30084	-0.00183	0.004734	-0.02818	0.028629
45.30321	-0.00061	0.002291	-0.02573	0.025841
45.30557	-0.00122	0.004734	-0.02268	0.023199
45.30793	0	0.004734	-0.01901	0.019593
45.3103	-0.00061	0.002902	-0.0184	0.018639
45.31266	0	0.001069	-0.01596	0.015994
45.31502	0	0.00168	-0.01107	0.011198
45.31738	-0.00061	0.000458	-0.00985	0.009879
45.31975	-0.00122	0.001069	-0.00863	0.00878
45.32211	-0.00061	-0.00137	-0.00741	0.007558
45.32447	-0.00061	0.000458	-0.00741	0.007446
45.32683	-0.00061	0.002291	-0.00435	0.004956
45.3292	-0.00061	0.003512	-0.00496	0.006111
45.33156	0	0.005956	-0.00496	0.007753
45.33392	-0.00061	0.005956	-0.00313	0.006756
45.33629	-0.00061	0.004123	-0.00313	0.005213
45.33865	0.000611	0.005345	-0.00374	0.006553
45.34101	-0.00183	0.005345	-0.00252	0.006187
45.34337	-0.00244	0.005345	-0.0013	0.006019
45.34574	-0.00244	0.006567	-0.00191	0.007262
45.3481	-0.00122	0.005956	-7.6E-05	0.00608
45.35046	-0.00122	0.002902	-0.00191	0.003682

45.35283	0.000611	0.00168	-0.00069	0.001915
45.35519	0	0.000458	-7.6E-05	0.000464
45.35755	0.002443	-0.00137	-7.6E-05	0.002804
45.35991	0.001222	-0.00076	0.000534	0.001537
45.36228	-0.00061	0.00168	-0.0013	0.002209
45.36464	-0.00122	0.003512	0.000534	0.003757
45.367	-0.00244	0.003512	-7.6E-05	0.004279
45.36937	-0.00305	0.002291	0.000534	0.003855
45.37173	-0.00244	0.007177	0.000534	0.007601
45.37409	-0.00244	0.00901	0.001145	0.009405
45.37645	-0.00183	0.006567	-0.00069	0.006852
45.37882	-0.00061	0.00168	0.002367	0.002966
45.38118	0.000611	-0.00076	0.001756	0.00201
45.38354	0.000611	-0.00015	0.001145	0.001307
45.38591	0	0.000458	0.000534	0.000704
45.38827	-0.00244	-0.00076	0.001145	0.002804
45.39063	-0.00244	0.002291	0.001756	0.003782
45.39299	-0.00122	0.004123	0.001145	0.00445
45.39536	-0.00244	0.005345	0.000534	0.005901
45.39772	0.000611	0.003512	-0.00069	0.003631
45.40008	0.000611	0.00168	0.001145	0.002123
45.40245	0.001222	-0.00015	0.001145	0.001682
45.40481	0.001222	-0.00137	0.000534	0.001915
45.40717	-0.00122	-0.00076	-0.00069	0.001596
45.40953	-0.00122	0.001069	0.000534	0.001709
45.4119	-0.00061	0.003512	0.001756	0.003974
45.41426	-0.00122	0.004734	-0.0013	0.005059
45.41662	-0.00244	0.005345	0.001756	0.006134
45.41899	-0.00061	0.007788	0.002367	0.008163
45.42135	0.000611	0.005345	0.002367	0.005877
45.42371	0.001833	0.003512	0.001145	0.004124
45.42607	-0.00061	-0.00076	-0.00069	0.001195
45.42844	0.000611	-0.0026	-0.00191	0.00328
45.4308	-0.00122	-0.00015	0.001145	0.001682
45.43316	-0.00244	0.00168	0.001145	0.003179
45.43553	-0.00122	0.00168	0.001145	0.002372
45.43789	0	0.002902	0.001756	0.003392
45.44025	0	0.003512	-7.6E-05	0.003513
45.44261	0	0.002291	0.001145	0.002561
45.44498	-0.00061	0.002902	0.001756	0.003446
45.44734	-0.00122	0.002291	0.002367	0.003513
45.4497	-0.00122	0.002291	0.000534	0.002651
45.45206	-0.00122	-0.00015	0.001145	0.001682
45.45443	-0.00305	0.00168	0.001145	0.003669
45.45679	-0.00244	0.001069	0.001756	0.003193
45.45915	-0.00244	0.002291	-7.6E-05	0.00335
45.46152	0	0.002902	-7.6E-05	0.002903
45.46388	0.000611	0.003512	0.000534	0.003605
45.46624	0.001833	-0.00015	0.001756	0.002543
45.4686	0	-0.00015	-7.6E-05	0.000171
45.47097	0	-0.00076	0.000534	0.000932
45.47333	0.000611	-0.0026	0.001145	0.002903

45.47569	0.001222	-0.00199	0.000534	0.002392
45.47806	0.001222	-0.00137	0.002367	0.002997
45.48042	-0.00122	0.000458	0.001145	0.001736
45.48278	0.000611	-0.00076	0.001145	0.001506
45.48514	-0.00061	0.001069	-0.00069	0.00141
45.48751	-0.00061	0.003512	-0.00191	0.004044
45.48987	0.000611	0.002291	0.000534	0.00243
45.49223	0	-0.00076	0.001756	0.001915
45.4946	-0.00244	0.000458	-7.6E-05	0.002487
45.49696	-0.00061	0.000458	-0.0013	0.001506
45.49932	0.000611	-0.00076	0.000534	0.001114
45.50168	0.000611	-0.00015	0.000534	0.000826
45.50405	-0.00122	0.000458	-0.00069	0.001475
45.50641	-0.00122	0.000458	-0.00069	0.001475
45.50877	0	0.000458	0.001145	0.001234
45.51114	-0.00183	0.002291	0.001145	0.003149
45.5135	0	0.00168	-7.6E-05	0.001682
45.51586	0	0.002291	-7.6E-05	0.002292
45.51822	-0.00061	0.001069	-7.6E-05	0.001234
45.52059	-0.00061	-0.00015	0.001756	0.001866
45.52295	0.000611	0.001069	0.001145	0.001682
45.52531	0.000611	0.002291	0.000534	0.00243
45.52768	0	0.003512	0.001756	0.003927
45.53004	-0.00122	0.002902	0.001756	0.003605
45.5324	0.000611	0.002291	-7.6E-05	0.002372
45.53476	0.001222	0.00168	0.001145	0.002372
45.53713	0	0.002291	0.001756	0.002886
45.53949	0	0.001069	0.001756	0.002056
45.54185	0	0.000458	0.001145	0.001234
45.54422	-0.00183	0.00168	-7.6E-05	0.002487
45.54658	0	0.001069	-0.0013	0.001682
45.54894	-0.00244	-0.00321	0.001756	0.004398
45.5513	-0.00489	-0.00137	0.002978	0.005885
45.55367	0.000611	0.000458	0.000534	0.000932
45.55603	-0.00061	0.002291	0.001145	0.002633
45.55839	0.000611	0.00168	0.000534	0.001866
45.56076	-0.00061	0.002902	0.001145	0.003179
45.56312	0.001833	0.002291	0.000534	0.002982
45.56548	0.000611	0.002902	-7.6E-05	0.002966
45.56784	-0.00061	0.00168	-7.6E-05	0.001789
45.57021	-0.00061	0.002291	-0.0013	0.002703
45.57257	0.001222	0.00168	-0.00069	0.002188
45.57493	-0.00061	0.00168	-7.6E-05	0.001789
45.5773	-0.00061	0.000458	-0.00069	0.001027
45.57966	-0.00061	0.002902	-7.6E-05	0.002966
45.58202	0.001222	0.00168	-7.6E-05	0.002079
45.58438	0	0.002902	-0.00069	0.002982
45.58675	-0.00183	0.002291	0.002367	0.003769
45.58911	-0.00061	0.002291	0.000534	0.00243
45.59147	-0.00183	0.002902	-7.6E-05	0.003433
45.59383	0	0.002902	0.001756	0.003392
45.5962	-0.00183	0.002902	-7.6E-05	0.003433

45.59856	-0.00061	0.002291	0.000534	0.00243
45.60092	0.000611	0.00168	0.002978	0.003473
45.60329	0	0.002902	0.002978	0.004158
45.60565	0	0.00168	0.001145	0.002033
45.60801	0.000611	0.002902	0.002367	0.003794
45.61037	-0.00183	0.003512	0.000534	0.003998
45.61274	-0.00122	0.002902	0.000534	0.003193
45.6151	0.000611	0.002902	-0.00191	0.003526
45.61746	0.001222	0.001069	-0.0013	0.002079
45.61983	-0.00122	0.00168	0.001145	0.002372
45.62219	-0.00244	0.004123	-7.6E-05	0.004793
45.62455	-0.00244	0.004123	0.001145	0.004928
45.62691	-0.00122	0.004734	-7.6E-05	0.00489
45.62928	-0.00183	0.003512	-0.00069	0.004021
45.63164	-0.00305	0.004123	0.002367	0.005651
45.634	-0.00122	0.004123	-7.6E-05	0.004301
45.63637	-0.00305	0.003512	-0.00069	0.004705
45.63873	-0.00183	0.00168	0.000534	0.002543
45.64109	0	0.002902	0.000534	0.00295
45.64345	0	0.000458	0.001145	0.001234
45.64582	-0.00061	0.000458	-7.6E-05	0.000767
45.64818	-0.00122	0.000458	0.000534	0.00141
45.65054	-0.00061	-0.00137	0.001756	0.002312
45.65291	0	-0.00199	0.001145	0.002292
45.65527	-0.00122	-0.00137	0.000534	0.001915
45.65763	-0.00183	-0.00137	-7.6E-05	0.002292
45.65999	-0.00122	-0.0026	0.000534	0.002919
45.66236	0	-0.0026	-0.00069	0.002686
45.66472	0.000611	-0.00382	0.000534	0.003903
45.66708	0	-0.0026	-7.6E-05	0.002597
45.66945	-0.00061	-0.00321	0.000534	0.003308
45.67181	0.000611	-0.0026	-7.6E-05	0.002668
45.67417	0.000611	-0.00199	0.000534	0.002145
45.67653	-0.00061	-0.00382	-7.6E-05	0.003867
45.6789	0	-0.00443	0.000534	0.004461
45.68126	-0.00122	-0.00199	-7.6E-05	0.002332
45.68362	-0.00183	-0.00076	-0.00069	0.002101
45.68599	-0.00244	0.000458	-7.6E-05	0.002487
45.68835	-0.00244	0.000458	0.000534	0.002543
45.69071	-0.00183	-0.00015	-0.00069	0.001963
45.69307	0.000611	-0.00076	-0.00069	0.001195
45.69544	0	0.000458	-0.0013	0.001377
45.6978	0	-0.00015	-0.00313	0.003134
45.70016	-0.00061	-0.00137	-0.00313	0.003473
45.70253	-0.00183	-0.0026	-0.00374	0.004909
45.70489	-0.00244	-0.00565	-0.00252	0.006652
45.70725	-0.00244	-0.00199	-0.00374	0.00489
45.70961	-0.00061	-0.00199	-0.00557	0.005948
45.71198	-0.00122	-0.00076	-0.00557	0.005757
45.71434	-0.00305	-0.00199	-0.00313	0.004803
45.7167	-0.00183	-0.00199	-0.00313	0.004135
45.71906	-0.00122	-0.00321	-0.00435	0.005543

45.72143	-0.00061	-0.00321	-0.00374	0.004965
45.72379	-0.00183	-0.0026	-0.00313	0.004461
45.72615	-0.00183	-0.00199	-0.00435	0.005123
45.72852	-0.00061	-0.0026	-0.00435	0.005104
45.73088	-0.00305	-0.00137	-0.00496	0.005987
45.73324	-0.00305	-0.00199	-0.00741	0.008254
45.7356	-0.00122	-0.00382	-0.00557	0.006866
45.73797	-0.00061	-0.00137	-0.00863	0.008758
45.74033	-0.00122	-0.00199	-0.0129	0.013113
45.74269	-0.00122	-0.0026	-0.0129	0.013219
45.74506	-0.00183	-0.00504	-0.01596	0.016835
45.74742	-0.00061	-0.0026	-0.01718	0.017386
45.74978	-0.00061	-0.00137	-0.01962	0.019681
45.75214	-0.00061	0.001069	-0.02207	0.022101
45.75451	-0.00183	0.002291	-0.02207	0.022261
45.75687	-0.00183	0.001069	-0.02451	0.024602
45.75923	-0.00122	0.001069	-0.0294	0.029442
45.7616	-0.00061	0.000458	-0.03306	0.033071
45.76396	0	-0.00321	-0.04039	0.040519
45.76632	0.001833	-0.00565	-0.05139	0.05173
45.76868	0.000611	-0.00565	-0.05505	0.055345
45.77105	-0.00061	-0.00382	-0.05566	0.055798
45.77341	0	-0.00015	-0.05505	0.055053
45.77577	-0.00122	0.000458	-0.05627	0.056289
45.77814	-0.00122	-0.0026	-0.0575	0.057568
45.7805	-0.00061	-0.00076	-0.06055	0.060558
45.78286	-0.00244	0.002291	-0.05994	0.060033
45.78522	0	0.001069	-0.06177	0.061781
45.78759	-0.00061	0.00168	-0.06422	0.06424
45.78995	-0.00122	0.004734	-0.06055	0.060747
45.79231	-0.00183	0.005956	-0.05872	0.059047
45.79468	-0.00305	0.004123	-0.06055	0.060767
45.79704	-0.00122	0.005956	-0.05933	0.059639
45.7994	-0.00183	0.005345	-0.05811	0.058381
45.80176	0	0.002902	-0.05872	0.058789
45.80413	0.001833	0.001069	-0.06299	0.063029
45.80649	0.002443	-0.00076	-0.06605	0.066097
45.80885	0.000611	-0.00015	-0.07093	0.070937
45.81122	0.000611	0.001069	-0.07032	0.070335
45.81358	0.000611	-0.0026	-0.07399	0.074037
45.81594	0.001222	-0.00443	-0.07765	0.07779
45.8183	-0.00122	-0.00382	-0.08315	0.083248
45.82067	0.001222	-0.00565	-0.08865	0.088837
45.82303	0.000611	-0.00687	-0.09048	0.090744
45.82539	0.001222	-0.00748	-0.0972	0.097496
45.82776	0.003054	-0.00748	-0.09781	0.098145
45.83012	0.002443	-0.00382	-0.09964	0.099748
45.83248	0.001222	-0.00076	-0.10209	0.102098
45.83484	-0.00122	0.00168	-0.10636	0.106384
45.83721	-0.00305	0.008399	-0.10331	0.103695
45.83957	-0.00305	0.012675	-0.10026	0.1011
45.84193	-0.00122	0.012675	-0.09598	0.09682

45.84429	0.001833	0.012064	-0.09354	0.094329
45.84666	0.003054	0.007788	-0.08987	0.090259
45.84902	0.001222	0.004734	-0.09109	0.091224
45.85138	0.002443	0.005345	-0.08865	0.088844
45.85375	0.001833	0.004734	-0.08437	0.084526
45.85611	0.001222	-0.00015	-0.0801	0.080107
45.85847	0	-0.00199	-0.07765	0.077679
45.86083	-0.00061	-0.00199	-0.0746	0.074629
45.8632	0.000611	-0.00382	-0.0691	0.06921
45.86556	0	-0.00504	-0.06422	0.064413
45.86792	0.001222	-0.00199	-0.06238	0.062426
45.87029	-0.00061	-0.0026	-0.05933	0.059388
45.87265	0	0.000458	-0.05933	0.05933
45.87501	-0.00122	0.000458	-0.05689	0.0569
45.87737	-0.00061	0.002902	-0.0575	0.057572
45.87974	0	0.003512	-0.05505	0.055165
45.8821	-0.00122	0.003512	-0.052	0.052131
45.88446	-0.00183	0.002902	-0.04955	0.049674
45.88683	-0.00183	0.004123	-0.04833	0.048543
45.88919	-0.00183	0.003512	-0.04772	0.047887
45.89155	-0.00122	0.001069	-0.05017	0.050192
45.89391	-0.00122	-0.00076	-0.05017	0.050187
45.89628	-0.00061	-0.00321	-0.05078	0.050882
45.89864	0.000611	-0.0026	-0.052	0.052067
45.901	0	-0.00321	-0.05017	0.050268
45.90337	0.001222	-0.00382	-0.05078	0.050935
45.90573	0.001222	-0.00321	-0.04833	0.048455
45.90809	0.000611	-0.0026	-0.04772	0.047797
45.91045	-0.00122	0.001069	-0.04528	0.045308
45.91282	-0.00061	0.002902	-0.04406	0.044157
45.91518	-0.00122	0.002291	-0.03917	0.039257
45.91754	-0.00061	0.004123	-0.03734	0.03757
45.91991	-0.00183	0.00168	-0.03673	0.036811
45.92227	-0.00183	0.003512	-0.03367	0.033905
45.92463	-0.00183	0.003512	-0.0294	0.029663
45.92699	-0.00061	0.002291	-0.02634	0.026449
45.92936	-0.00122	-0.00015	-0.02268	0.022711
45.93172	-0.00122	0.002291	-0.01962	0.019794
45.93408	-0.00122	0.001069	-0.01779	0.017865
45.93645	-0.00183	-0.00076	-0.01535	0.015475
45.93881	-0.00244	-0.00199	-0.01107	0.011511
45.94117	-0.00122	-0.00199	-0.00924	0.009529
45.94353	-0.00122	-0.00137	-0.0068	0.00704
45.9459	-0.00061	-0.00137	-0.00557	0.005773
45.94826	-0.00061	-0.00076	-0.00557	0.005659
45.95062	-0.00061	-0.00137	-0.00374	0.004032
45.95299	-0.00061	-0.00382	-0.00252	0.004615
45.95535	-0.00061	-0.00504	-0.00252	0.005667
45.95771	0	-0.00321	-7.6E-05	0.003208
45.96007	0.000611	-0.00137	0.000534	0.001596
45.96244	0.000611	-0.00076	0.002367	0.002561
45.9648	-0.00122	-0.00015	0.002978	0.003222

45.96716	-0.00305	-0.00137	0.002978	0.004482
45.96953	-0.00305	-0.00199	0.002978	0.004705
45.97189	0.001222	-0.00199	0.001145	0.002597
45.97425	0.001222	-0.00137	0.002978	0.0035
45.97661	0.000611	0.00168	0.001756	0.002506
45.97898	0	-0.00015	0.002367	0.002372
45.98134	0.000611	0.002291	0.002978	0.003806
45.9837	0.000611	-0.00015	0.001145	0.001307
45.98606	-0.00122	-0.00137	0.002367	0.002997
45.98843	-0.00061	-0.00015	0.001756	0.001866
45.99079	0	0.002291	0.001145	0.002561
45.99315	-0.00122	0.002291	0.001756	0.003134
45.99552	0.003054	-0.00076	0.001145	0.00335
45.99788	0.002443	-0.00199	0.001756	0.003605
46.00024	0.001833	-0.00565	0.001756	0.006194
46.0026	0.000611	-0.00199	0.002978	0.003631
46.00497	-0.00061	-0.00321	0.001145	0.00346
46.00733	0.000611	-0.00626	0.001145	0.006394
46.00969	-0.00061	-0.00321	0.001756	0.003707
46.01206	0	-0.00137	0.000534	0.001475
46.01442	0.000611	0.002902	0.003589	0.004655
46.01678	0.000611	0.006567	0.001145	0.006694
46.01914	-0.00122	0.005345	0.000534	0.005509
46.02151	0.000611	0.006567	0.001145	0.006694
46.02387	0.000611	0.003512	0.001145	0.003745
46.02623	0.000611	0.000458	0.002367	0.002487
46.0286	0.000611	-0.00076	0.001145	0.001506
46.03096	0	-0.00382	0.001756	0.004202
46.03332	-0.00244	-0.00504	0.000534	0.005626
46.03568	-0.00367	-0.00382	-7.6E-05	0.005293
46.03805	-0.00244	-0.00382	0.001145	0.004675
46.04041	-0.00122	-0.00382	0.001756	0.004376
46.04277	-0.00305	-0.00321	0.001145	0.004574
46.04514	-0.00183	-0.00199	-7.6E-05	0.002703
46.0475	-0.00122	0.001069	-7.6E-05	0.001625
46.04986	-0.00122	-0.00015	-7.6E-05	0.001234
46.05222	-0.00305	0.00168	0.000534	0.003526
46.05459	-0.00305	0.003512	0.001756	0.004975
46.05695	-0.00183	0.002902	0.001756	0.003855
46.05931	-0.00122	0.002902	0.002978	0.004333
46.06168	-0.00244	0.004123	0.002367	0.005345
46.06404	-0.00367	0.00168	0.001145	0.004191
46.0664	-0.00122	0.001069	0.002367	0.00287
46.06876	-0.00183	-0.0026	0.002367	0.003962
46.07113	-0.00244	-0.0026	0.001145	0.003745
46.07349	-0.00122	-0.00321	0.002978	0.004544
46.07585	-0.00122	-0.00443	0.003589	0.00583
46.07822	-0.00122	-0.00504	0.002978	0.00598
46.08058	-0.00122	-0.0026	0.002978	0.004135
46.08294	-0.00122	-0.00137	0.002978	0.0035
46.0853	-0.00244	-0.00015	0.000534	0.002506
46.08767	-0.00122	0.000458	0.001145	0.001736

46.09003	0.000611	-0.00076	0.002978	0.003134
46.09239	-0.00061	-0.00076	0.001145	0.001506
46.09476	-0.00183	-0.00076	0.002978	0.003579
46.09712	-0.00305	0.000458	0.002367	0.003891
46.09948	-0.00305	-0.00382	0.000534	0.004918
46.10184	-0.00367	-0.00626	-0.00069	0.007287
46.10421	-0.00183	-0.01176	-0.00191	0.012053
46.10657	0.000611	-0.01298	-0.00496	0.01391
46.10893	0.001222	-0.01054	-0.00741	0.012938
46.11129	0.001833	-0.00932	-0.01229	0.015533
46.11366	0.001833	-0.00443	-0.01657	0.017248
46.11602	-0.00061	-0.00137	-0.01901	0.019072
46.11838	-0.00122	0.001069	-0.02146	0.021517
46.12075	-0.00428	0.005345	-0.01901	0.020207
46.12311	-0.00305	0.00901	-0.02146	0.023471
46.12547	-0.00305	0.010843	-0.02085	0.023694
46.12783	0	0.011453	-0.02329	0.025953
46.1302	0.001222	0.008399	-0.02634	0.027676
46.13256	-0.00061	0.004734	-0.02634	0.026772
46.13492	0	0.003512	-0.02879	0.029
46.13729	0	-0.00076	-0.03367	0.033682
46.13965	0.000611	-0.00321	-0.03489	0.035047
46.14201	-0.00122	-0.00137	-0.03612	0.036163
46.14437	0	-0.00076	-0.03856	0.038567
46.14674	-0.00061	-0.00321	-0.03917	0.039306
46.1491	0	-0.00443	-0.03917	0.03942
46.15146	0.000611	-0.0026	-0.03978	0.039871
46.15383	0.000611	-0.00443	-0.03917	0.039425
46.15619	0.000611	-0.00321	-0.04039	0.040524
46.15855	0.001222	0.001069	-0.03856	0.038594
46.16091	0.000611	0.002902	-0.03917	0.039283
46.16328	-0.00061	0.004123	-0.03612	0.036356
46.16564	-0.00183	0.005345	-0.03673	0.037159
46.168	-0.00122	0.008399	-0.03673	0.037695
46.17037	-0.00367	0.007177	-0.03245	0.033437
46.17273	-0.00367	0.002291	-0.03001	0.030318
46.17509	0	0.002291	-0.02818	0.028268
46.17745	0.001833	-0.00015	-0.02818	0.028235
46.17982	0.001222	0.00168	-0.02756	0.027643
46.18218	-0.00061	-0.00076	-0.02207	0.022089
46.18454	0	-0.00076	-0.01962	0.019638
46.18691	0	-0.00321	-0.01596	0.016277
46.18927	0.000611	-0.00199	-0.01657	0.016699
46.19163	0.000611	0.000458	-0.01351	0.013537
46.19399	0	0.00168	-0.01229	0.012408
46.19636	0.001222	-0.00015	-0.01168	0.011747
46.19872	0.001833	-0.00199	-0.01046	0.010804
46.20108	0.001833	-0.00199	-0.00985	0.010214
46.20345	0.001833	0.000458	-0.00863	0.008833
46.20581	0.000611	0.00168	-0.00741	0.007619
46.20817	0.000611	0.002291	-0.00374	0.004429
46.21053	0.001222	0.00168	-0.00496	0.00538

46.2129	0.001222	0.00168	-0.00435	0.004823
46.21526	-0.00061	-0.00015	-0.00496	0.005003
46.21762	0.001222	0.000458	-0.00435	0.004544
46.21999	0.003054	-0.00137	-0.00313	0.004585
46.22235	0.001222	-0.00137	-0.00191	0.002651
46.22471	0.001222	0.000458	-7.6E-05	0.001307
46.22707	0.001222	-0.00015	0.001145	0.001682
46.22944	0	0.000458	0.001756	0.001815
46.2318	-0.00122	-0.00199	0.001145	0.002597
46.23416	0	0.001069	0.001756	0.002056
46.23652	0.002443	0.000458	0.001756	0.003044
46.23889	0.001222	0.000458	0.001145	0.001736
46.24125	0.001222	0.003512	0.003589	0.005168
46.24361	0.003665	0.002902	0.001756	0.004994
46.24598	0.001222	0.004123	0.002367	0.004909
46.24834	-0.00244	0.004734	0.001145	0.005449
46.2507	-0.00183	0.000458	0.001145	0.002209
46.25306	-0.00122	-0.00321	0.002367	0.004169
46.25543	-0.00061	-0.00382	0.002367	0.004533
46.25779	0	-0.00382	0.002367	0.004492
46.26015	-0.00183	-0.0026	0.001756	0.003631
46.26252	-0.00122	0.001069	0.000534	0.001709
46.26488	-0.00061	0.004123	-0.0013	0.004366
46.26724	0.000611	0.001069	0.002367	0.002668
46.2696	-0.00061	-0.00076	0.000534	0.001114
46.27197	-0.00122	-0.00137	0.000534	0.001915
46.27433	-0.00183	0.002902	-7.6E-05	0.003433
46.27669	-0.00305	0.002902	0.001145	0.004366
46.27906	-0.00183	0.002291	0.001145	0.003149
46.28142	-0.00244	0.001069	0.002978	0.003998
46.28378	0.000611	0.002291	0.001145	0.002633
46.28614	-0.00061	0.001069	0.001756	0.002145
46.28851	0	-0.00137	0.000534	0.001475
46.29087	0.001222	-0.00199	0.001756	0.002919
46.29323	0.000611	-0.0026	0.000534	0.00272
46.2956	-0.00122	-0.00199	0.001145	0.002597
46.29796	-0.00305	0.00168	0.002978	0.004585
46.30032	-0.00305	0.004734	0.001756	0.005901
46.30268	-0.00244	0.005956	-7.6E-05	0.006438
46.30505	-0.00122	0.002902	0.002978	0.004333
46.30741	-0.00122	0.004123	0.002978	0.005231
46.30977	-0.00061	0.004123	0.002978	0.005123
46.31214	-0.00061	0.002291	0.001145	0.002633
46.3145	0.000611	-0.00382	-0.0013	0.004078
46.31686	0.000611	-0.00504	-7.6E-05	0.005077
46.31922	0	-0.00443	0.002978	0.005337
46.32159	-0.00061	-0.0026	-0.00069	0.002754
46.32395	-0.00122	-0.00076	0.002978	0.003308
46.32631	-0.00122	0.00168	0.001756	0.00272
46.32868	-0.00244	0.002291	0.001145	0.00354
46.33104	-0.00183	0.000458	0.002367	0.003028
46.3334	-0.00061	0.001069	0.001145	0.001682

46.33576	0	0.005345	0.001756	0.005626
46.33813	-0.00183	0.005345	0.000534	0.005676
46.34049	-0.00122	0.005956	-0.00191	0.006372
46.34285	-0.00122	0.003512	0.001145	0.003891
46.34522	-0.00061	-0.00199	-0.00069	0.002188
46.34758	0.000611	-0.00321	0.000534	0.003308
46.34994	0.002443	-0.00199	0.002367	0.003939
46.3523	0.001222	-0.00137	0.001145	0.002166
46.35467	-0.00061	-0.00076	-7.6E-05	0.000981
46.35703	-0.00122	-0.00015	-7.6E-05	0.001234
46.35939	0.001222	-0.00137	0.000534	0.001915
46.36176	-0.00183	0.001069	-7.6E-05	0.002123
46.36412	-0.00122	0.003512	0.003589	0.005168
46.36648	-0.00122	0.003512	-7.6E-05	0.00372
46.36884	-0.00061	0.002902	-7.6E-05	0.002966
46.37121	0.000611	0.002902	-7.6E-05	0.002966
46.37357	0.001222	0.003512	-7.6E-05	0.00372
46.37593	0	0.002291	0.000534	0.002352
46.37829	0	0.001069	-0.00069	0.001271
46.38066	-0.00061	0.000458	0.002367	0.002487
46.38302	0	-0.00137	0.001145	0.001789
46.38538	0.001222	-0.00076	0.001756	0.002272
46.38775	-0.00061	-0.00015	0.000534	0.000826
46.39011	-0.00061	-0.00015	0.001756	0.001866
46.39247	-0.00122	-0.00015	-0.0013	0.001789
46.39483	-0.00061	0.001069	0.001756	0.002145
46.3972	-0.00061	0.002291	-7.6E-05	0.002372
46.39956	0.001833	0.004123	0.001145	0.004655
46.40192	-0.00122	0.002291	-0.00069	0.002686
46.40429	-0.00122	0.002291	0.001145	0.002838
46.40665	-0.00061	-0.00015	0.002367	0.002449
46.40901	-0.00183	-0.00076	0.002367	0.003089
46.41137	-0.00061	-0.00137	0.000534	0.001596
46.41374	-0.00244	0.002291	-7.6E-05	0.00335
46.4161	-0.00061	0.00168	0.001145	0.002123
46.41846	-0.00122	0.002902	0.002367	0.003939
46.42083	-0.00244	0.002291	-7.6E-05	0.00335
46.42319	-0.00244	0.001069	-0.00191	0.00328
46.42555	-0.00244	0.000458	-0.00069	0.002579
46.42791	-0.00183	0.000458	0.001145	0.002209
46.43028	-0.00183	0.000458	0.000534	0.001963
46.43264	-0.00122	0.001069	0.001145	0.001987
46.435	-0.00183	0.001069	0.002367	0.003179
46.43737	-0.00305	0.00168	0.001145	0.003669
46.43973	-0.00367	0.003512	0.001756	0.005372
46.44209	-0.00183	0.002902	0.001756	0.003855
46.44445	-0.00244	0.002291	0.001756	0.003782
46.44682	-0.00244	0.00168	0.001145	0.003179
46.44918	-0.00183	-0.00076	0.002978	0.003579
46.45154	0	-0.00382	0.002367	0.004492
46.45391	0.001833	-0.0026	0.001756	0.003631
46.45627	0	0.000458	0.001145	0.001234

46.45863	0.001222	0.00168	0.001756	0.00272
46.46099	-0.00122	0.003512	0.002978	0.004764
46.46336	-0.00428	0.001069	0.001756	0.004745
46.46572	-0.00305	0.000458	0.001756	0.003553
46.46808	-0.00061	0.00168	0.001145	0.002123
46.47045	-0.00183	0.000458	0.000534	0.001963
46.47281	-0.00061	-0.0026	0.000534	0.00272
46.47517	0	-0.00137	0.002367	0.002737
46.47753	-0.00061	0.000458	0.000534	0.000932
46.4799	0.001222	0.00168	0.000534	0.002145
46.48226	0	0.000458	0.001145	0.001234
46.48462	-0.00122	0.00168	0.001145	0.002372
46.48699	-0.00061	0.002902	0.001756	0.003446
46.48935	0.003054	0.000458	-7.6E-05	0.003089
46.49171	0.000611	0.001069	0.001145	0.001682
46.49407	-0.00061	0.001069	0.001756	0.002145
46.49644	0.000611	0.002902	-0.00069	0.003044
46.4988	0.003665	0.002291	0.001756	0.004665
46.50116	0	0.001069	-7.6E-05	0.001072
46.50352	-0.00122	0.005345	0.001756	0.005757
46.50589	-0.00244	0.004123	0.001756	0.005104
46.50825	-0.00122	0.000458	0.003589	0.003819
46.51061	-0.00061	-0.00748	-0.00069	0.007539
46.51298	0.001833	-0.00748	0.001756	0.007902
46.51534	0.003665	-0.00076	0.001756	0.004135
46.5177	0.001833	0.004123	0.001145	0.004655
46.52006	0.001222	0.005956	0.001145	0.006187
46.52243	-0.00061	0.002902	0.001756	0.003446
46.52479	-0.00305	0.004734	0.001756	0.005901
46.52715	-0.00244	0.00901	0.000534	0.009351
46.52952	-0.00244	0.008399	0.000534	0.008764
46.53188	-0.00183	0.004123	0.000534	0.004544
46.53424	0	-0.00076	0.002367	0.002487
46.5366	0.001833	-0.00321	0.001756	0.00409
46.53897	0.001222	-0.00321	0.000534	0.003473
46.54133	0.001222	-0.00321	-0.00069	0.0035
46.54369	-0.00122	-0.00382	0.001756	0.004376
46.54606	-0.00244	-0.0026	0.000534	0.003605
46.54842	-0.00244	-0.00015	0.000534	0.002506
46.55078	-0.00183	0.000458	0.001756	0.002579
46.55314	-0.00122	0.002902	0.000534	0.003193
46.55551	0	0.004734	0.002367	0.005293
46.55787	0.000611	0.004123	0.001756	0.004523
46.56023	-0.00122	0.005345	-7.6E-05	0.005483
46.5626	0.000611	0.003512	-0.00069	0.003631
46.56496	0	0.002902	-7.6E-05	0.002903
46.56732	-0.00122	-0.00076	0.001756	0.002272
46.56968	0	-0.00137	0.000534	0.001475
46.57205	0.000611	-0.00137	-0.00069	0.001654
46.57441	0	-0.00199	0.001756	0.002651
46.57677	-0.00122	-0.0026	0.001145	0.003089
46.57914	0.000611	-0.0026	0.001145	0.002903

46.5815	-0.00122	-0.00137	0.001756	0.002543
46.58386	-0.00183	0.000458	0.000534	0.001963
46.58622	-0.0055	-0.00137	0.000534	0.005692
46.58859	-0.00061	0.003512	0.001145	0.003745
46.59095	-0.00122	0.003512	0.000534	0.003757
46.59331	-0.00122	0.005956	0.000534	0.006103
46.59568	0.000611	0.004123	0.001756	0.004523
46.59804	0.002443	0.003512	0.000534	0.004312
46.6004	0	0.00168	0.001756	0.00243
46.60276	-0.00183	0.000458	-7.6E-05	0.00189
46.60513	-0.00122	-0.00015	0.001756	0.002145
46.60749	-0.00122	-0.00015	0.000534	0.001342
46.60985	-0.00122	-0.00076	0.002367	0.002771
46.61222	0	-0.00076	0.002367	0.002487
46.61458	0	0.001069	0.000534	0.001195
46.61694	-0.00061	0.001069	-7.6E-05	0.001234
46.6193	-0.00183	0.00168	0.002367	0.003433
46.62167	0	0.002291	-7.6E-05	0.002292
46.62403	0.000611	0.001069	0.001145	0.001682
46.62639	0.001222	0.00168	0.001145	0.002372
46.62875	0	0.003512	0.001756	0.003927
46.63112	0.000611	0.002291	0.001756	0.00295
46.63348	0.000611	0.00168	0.000534	0.001866
46.63584	-0.00061	0.003512	0.001756	0.003974
46.63821	0	-0.00015	0.001145	0.001155
46.64057	0.001222	-0.00076	0.003589	0.003867
46.64293	0	0.000458	0.002978	0.003013
46.64529	-0.00061	-0.00137	-0.0013	0.001987
46.64766	0	-0.00076	0.001145	0.001377
46.65002	-0.00122	0.001069	0.003589	0.003939
46.65238	-0.00122	0.002902	0.000534	0.003193
46.65475	-0.00122	0.002902	0.000534	0.003193
46.65711	0	0.00168	0.001145	0.002033
46.65947	0.001222	0.000458	0.001756	0.002188
46.66183	-0.00061	0.00168	0.000534	0.001866
46.6642	0.000611	0.000458	0.000534	0.000932
46.66656	-0.00061	0.002902	0.000534	0.003013
46.66892	-0.00122	0.002902	0.001145	0.00335
46.67129	-0.00244	0.000458	0.001145	0.002737
46.67365	0	-0.00015	0.000534	0.000556
46.67601	0.001222	0.001069	0.001145	0.001987
46.67837	0	0.001069	0.001145	0.001567
46.68074	0	0.000458	0.001145	0.001234
46.6831	0	0.002902	0.000534	0.00295
46.68546	-0.00061	0.00168	0.001756	0.002506
46.68783	-0.00122	0.001069	0.000534	0.001709
46.69019	0.000611	0.002291	-7.6E-05	0.002372
46.69255	-0.00061	0.000458	-0.00069	0.001027
46.69491	-0.00244	0.002902	0.001145	0.003962
46.69728	-0.00122	0.002291	0.001145	0.002838
46.69964	-0.00061	0.002902	-0.00069	0.003044
46.702	0	0.000458	0.001756	0.001815

46.70437	-0.00061	0.00168	-0.00069	0.001915
46.70673	-0.00122	0.001069	0.001145	0.001987
46.70909	-0.00244	0.00168	-7.6E-05	0.002966
46.71145	-0.00061	0.00168	0.002978	0.003473
46.71382	0.000611	-0.00076	-7.6E-05	0.000981
46.71618	-0.00122	-0.00015	-0.00069	0.00141
46.71854	-0.00061	-0.00015	-7.6E-05	0.000634
46.72091	-0.00061	0.001069	-7.6E-05	0.001234
46.72327	0	0.000458	0.001756	0.001815
46.72563	0	0.000458	0.001756	0.001815
46.72799	0	0.002291	0.001145	0.002561
46.73036	-0.00183	0.000458	0.001145	0.002209
46.73272	-0.00183	0.002291	0.000534	0.002982
46.73508	0.000611	0.000458	-0.0013	0.001506
46.73745	0	0.000458	0.002367	0.002411
46.73981	0.000611	0.00168	0.001145	0.002123
46.74217	0.000611	0.002291	0.001145	0.002633
46.74453	-0.00061	0.000458	0.001145	0.001377
46.7469	0	0.000458	0.001145	0.001234
46.74926	-0.00122	0.00168	0.001756	0.00272
46.75162	-0.00122	0.003512	0.001756	0.004113
46.75398	-0.00122	0.002291	0.000534	0.002651
46.75635	-0.00183	0.001069	0.002367	0.003179
46.75871	-0.00244	0.000458	0.000534	0.002543
46.76107	0	-0.00015	0.000534	0.000556
46.76344	-0.00061	0.002291	0.000534	0.00243
46.7658	-0.00122	0.00168	0.001145	0.002372
46.76816	-0.00061	0.002291	-7.6E-05	0.002372
46.77052	-0.00061	0.002291	0.001145	0.002633
46.77289	-0.00061	0.001069	0.001145	0.001682
46.77525	-0.00061	-0.00015	0.001145	0.001307
46.77761	0.000611	0.001069	0.001145	0.001682
46.77998	0.000611	0.003512	0.001756	0.003974
46.78234	-0.00183	0.00168	0.002978	0.003879
46.7847	-0.00183	0.000458	0.001756	0.002579
46.78706	-0.00305	0.00168	0.001145	0.003669
46.78943	-0.00122	0.002291	0.002978	0.003951
46.79179	-0.00061	0.00168	-7.6E-05	0.001789
46.79415	-0.00122	0.000458	-0.00191	0.002312
46.79652	-0.00183	0.001069	0.001145	0.002411
46.79888	-0.00122	0.002902	0.000534	0.003193
46.80124	0	0.001069	-0.00069	0.001271
46.8036	-0.00061	0.001069	0.001145	0.001682
46.80597	-0.00122	-0.00015	-7.6E-05	0.001234
46.80833	-0.00183	0.000458	0.001145	0.002209
46.81069	-0.00183	0.001069	0.001145	0.002411
46.81306	0	0.002902	-0.00069	0.002982
46.81542	-0.00122	0.001069	0.001145	0.001987
46.81778	-0.00061	-0.00015	0.002367	0.002449
46.82014	-0.00183	0.00168	0.001145	0.002737
46.82251	-0.00183	0.001069	0.000534	0.002188
46.82487	-0.00122	-0.00015	0.000534	0.001342

46.82723	0.000611	0.00168	-7.6E-05	0.001789
46.8296	0.000611	0.00168	-7.6E-05	0.001789
46.83196	0	0.002291	-0.00069	0.002392
46.83432	0.000611	0.002291	0.001756	0.00295
46.83668	0.001833	0.001069	0.001756	0.002754
46.83905	-0.00061	0.00168	-7.6E-05	0.001789
46.84141	-0.00061	0.002291	0.000534	0.00243
46.84377	0	-0.00015	0.001145	0.001155
46.84614	0	-0.00015	0.000534	0.000556
46.8485	0	0.001069	0.000534	0.001195
46.85086	-0.00061	0.001069	0.001145	0.001682
46.85322	-0.00122	0.00168	0.001145	0.002372
46.85559	-0.00122	0.001069	0.001756	0.002392
46.85795	-0.00183	0.001069	0.002978	0.003656
46.86031	-0.00122	-0.00015	0.001756	0.002145
46.86268	-0.00061	-0.00076	0.000534	0.001114
46.86504	-0.00244	0.00168	0.000534	0.003013
46.8674	-0.00244	-0.00015	0.002367	0.003405
46.86976	-0.00122	0.001069	0.001145	0.001987
46.87213	-0.00122	0.00168	-7.6E-05	0.002079
46.87449	-0.00061	0.000458	0.000534	0.000932
46.87685	-0.00122	-0.00015	0.000534	0.001342
46.87922	-0.00122	0.001069	-0.0013	0.002079
46.88158	0	0.000458	0.001145	0.001234
46.88394	-0.00122	-0.00015	0.000534	0.001342
46.8863	-0.00061	0.00168	-7.6E-05	0.001789
46.88867	0	0.00168	0.001145	0.002033
46.89103	0	0.000458	0.000534	0.000704
46.89339	0	-0.00076	-7.6E-05	0.000767
46.89575	-0.00122	0.001069	0.001756	0.002392
46.89812	-0.00122	0.001069	-7.6E-05	0.001625
46.90048	0	0.002291	0.000534	0.002352
46.90284	-0.00061	0.00168	0.001145	0.002123
46.90521	0	-0.00015	-7.6E-05	0.000171
46.90757	-0.00183	0.001069	0.002367	0.003179
46.90993	-0.00061	0.002291	0.001145	0.002633
46.91229	-0.00122	0.000458	0.000534	0.00141
46.91466	-0.00061	0.001069	0.002367	0.002668
46.91702	-0.00183	-0.00015	0.001145	0.002166
46.91938	-0.00183	0.001069	-0.00069	0.00223
46.92175	0.000611	0.002291	-7.6E-05	0.002372
46.92411	-0.00122	0.001069	0.000534	0.001709
46.92647	0.001222	-0.00015	0.001145	0.001682
46.92883	-0.00122	0.002902	0.001145	0.00335
46.9312	-0.00733	-0.00076	0.001145	0.007458
46.93356	-0.00367	-0.00015	0.002367	0.004366
46.93592	-0.00122	-0.00015	0.000534	0.001342
46.93829	-0.00183	0.000458	-0.00069	0.00201
46.94065	-0.00244	-0.00015	0.001145	0.002703
46.94301	-0.00183	-0.00015	-0.00069	0.001963
46.94537	-0.00122	0.000458	0.001145	0.001736
46.94774	-0.00061	0.00168	0.001145	0.002123

46.9501	-0.00061	0.001069	-0.00191	0.002272
46.95246	-0.00061	-0.00137	0.000534	0.001596
46.95483	0	-0.00199	-0.00069	0.002101
46.95719	-0.00061	-0.00015	0.001756	0.001866
46.95955	-0.00122	0.001069	0.000534	0.001709
46.96191	-0.00061	0.002291	-7.6E-05	0.002372
46.96428	-0.00061	0.00168	0.001756	0.002506
46.96664	-0.00183	0.000458	0.001145	0.002209
46.969	-0.00122	0.001069	0.001145	0.001987
46.97137	0.000611	-0.00015	-0.00069	0.000932
46.97373	-0.00122	-0.00076	-7.6E-05	0.001443
46.97609	-0.00122	-0.00076	0.000534	0.001537
46.97845	0.000611	0.000458	-0.00069	0.001027
46.98082	0.001222	-0.00137	0.000534	0.001915
46.98318	0.003665	0.008399	-7.6E-05	0.009164
46.98554	0.007941	0.013897	-0.00191	0.016119
46.98791	0.006719	0.013286	-7.6E-05	0.014889
46.99027	0.005498	0.013897	0.000534	0.014954
46.99263	0.005498	0.020005	0.000534	0.020754
46.99499	0.004887	0.024281	0.001756	0.02483
46.99736	0.004887	0.027946	0.001145	0.028393
46.99972	0.003665	0.026725	0.001145	0.026999
47.00208	0.003054	0.026114	0.002367	0.026398
47.00445	0.004887	0.025503	0.001756	0.026026
47.00681	0.004887	0.02367	0.001145	0.024197
47.00917	0.006719	0.020005	-0.00069	0.021115
47.01153	0.004887	0.016951	0.001145	0.017678
47.0139	0.004887	0.016951	0.000534	0.017649
47.01626	0.005498	0.013286	-7.6E-05	0.014379
47.01862	0.004276	0.013897	0.001756	0.014645
47.02098	0.006108	0.014508	0.001756	0.015839
47.02335	0.004887	0.012675	0.002367	0.013789
47.02571	0.003054	0.014508	0.000534	0.014835
47.02807	0.001222	0.013286	0.001145	0.013391
47.03044	0.004887	0.015729	0.001145	0.016511
47.0328	0.004887	0.017562	0.001145	0.018265
47.03516	0.004887	0.016951	0.001756	0.017729
47.03752	0.002443	0.018784	0.001145	0.018976
47.03989	0.006108	0.020005	0.001145	0.020948
47.04225	0.004276	0.020005	0.001145	0.020489
47.04461	0.003665	0.016951	0.001756	0.017431
47.04698	0.003665	0.015118	0.002978	0.015839
47.04934	0.001833	0.013897	0.002978	0.01433
47.0517	0.000611	0.010232	0.002978	0.010674
47.05406	0.001833	0.00901	0.001145	0.009266
47.05643	0.000611	0.006567	-7.6E-05	0.006595
47.05879	-0.00122	0.002902	0.001756	0.003605
47.06115	-0.00061	0.000458	0.001145	0.001377
47.06352	-0.00061	-0.00076	0.001756	0.00201
47.06588	-0.00122	-0.00199	0.001756	0.002919
47.06824	-0.00244	-0.00199	0.001145	0.00335
47.0706	-0.00122	-0.00137	0.000534	0.001915

47.07297	-0.00061	-0.00443	-7.6E-05	0.004471
47.07533	-0.00061	-0.00443	0.000534	0.004502
47.07769	-0.00244	-0.00137	0.001756	0.003308
47.08006	-0.00183	-0.0026	0.001756	0.003631
47.08242	-0.00244	-0.0026	0.001756	0.003974
47.08478	0	-0.00199	0.001145	0.002292
47.08714	-0.00305	-0.00137	0.000534	0.003392
47.08951	-0.00183	-0.00137	0.001145	0.002561
47.09187	-0.00183	-0.0026	0.000534	0.003222
47.09423	-0.00367	-0.0026	-7.6E-05	0.004492
47.0966	-0.00183	-0.00137	0.000534	0.002352
47.09896	-0.00183	-0.00199	0.000534	0.002754
47.10132	-0.00244	-0.00321	-7.6E-05	0.004032
47.10368	-0.00367	-0.00321	0.001145	0.005003
47.10605	-0.00305	-0.00321	0.001145	0.004574
47.10841	-0.00305	-0.00199	0.001145	0.003819
47.11077	-0.00122	-0.00137	0.001145	0.002166
47.11314	-0.00122	-0.00015	0.002367	0.002668
47.1155	0.001222	-0.00015	0.001756	0.002145
47.11786	-0.00061	-0.00076	0.002367	0.002561
47.12022	-0.00305	-0.00076	-0.0013	0.003405
47.12259	-0.00061	-0.00015	-0.00069	0.000932
47.12495	-0.00122	0.001069	0.000534	0.001709
47.12731	0	0.002291	-7.6E-05	0.002292
47.12968	-0.00061	0.002291	0.002367	0.00335
47.13204	0.000611	0.00168	-7.6E-05	0.001789
47.1344	-0.00061	0.002902	-7.6E-05	0.002966
47.13676	-0.00183	0.013286	0.000534	0.013422
47.13913	0.001833	0.02367	0.001145	0.023769
47.14149	0.001222	0.026725	0.000534	0.026758
47.14385	0	0.026725	0.000534	0.02673
47.14621	0.000611	0.027946	0.002978	0.028111
47.14858	0.001222	0.029168	0.002367	0.029289
47.15094	0.000611	0.029168	0.001756	0.029227
47.1533	0.001222	0.028557	0.001145	0.028606
47.15567	0.000611	0.020005	0.002367	0.020154
47.15803	-0.00061	0.012064	-0.00069	0.012099
47.16039	0.001833	0.008399	0.000534	0.008613
47.16275	0	0.007788	0.001756	0.007984
47.16512	0.001222	0.009621	0.000534	0.009713
47.16748	0.000611	0.012064	0.001145	0.012134
47.16984	0	0.014508	0.001756	0.014614
47.17221	0.000611	0.017562	-7.6E-05	0.017573
47.17457	0.001222	0.01634	0.000534	0.016394
47.17693	0.001222	0.017562	0.000534	0.017612
47.17929	0.000611	0.018784	0.001756	0.018875
47.18166	0.000611	0.019394	0.001145	0.019438
47.18402	0.002443	0.017562	-7.6E-05	0.017731
47.18638	0.001833	0.016951	0.000534	0.017058
47.18875	0.003665	0.015729	0.002978	0.016423
47.19111	0.003665	0.014508	0.001756	0.015066
47.19347	0.003665	0.014508	0.001145	0.015007

47.19583	0.002443	0.012675	-0.0013	0.012974
47.1982	0.001833	0.010843	-0.0013	0.011073
47.20056	0.000611	0.009621	-0.00069	0.009665
47.20292	0.000611	0.008399	0.001756	0.008603
47.20529	0.000611	0.004123	0.000534	0.004202
47.20765	0	0.002291	0.000534	0.002352
47.21001	0.000611	0.001069	0.001756	0.002145
47.21237	0.000611	-0.00137	0.002367	0.002804
47.21474	0	-0.00321	-0.00069	0.00328
47.2171	0.001222	-0.00199	0.001756	0.002919
47.21946	0.001222	0.000458	-7.6E-05	0.001307
47.22183	0	0.000458	0.000534	0.000704
47.22419	-0.00061	0.00168	0.001756	0.002506
47.22655	-0.00183	0.002291	0.000534	0.002982
47.22891	-0.00061	0.001069	0.002367	0.002668
47.23128	0.000611	0.002291	0.001756	0.00295
47.23364	0.000611	0.00168	0.001145	0.002123
47.236	0	0.004734	0.001756	0.005049
47.23837	-0.00122	0.003512	0.001145	0.003891
47.24073	0.001222	0.00168	0.002367	0.003149
47.24309	0.000611	0.002291	0.000534	0.00243
47.24545	0.000611	0.002291	0.001145	0.002633
47.24782	-0.00061	0.00168	0.001145	0.002123
47.25018	-0.00061	0.004123	0.002367	0.004793
47.25254	0	0.004123	-7.6E-05	0.004124
47.25491	-0.00122	0.002291	0.000534	0.002651
47.25727	-0.00061	0.002902	0.002978	0.004202
47.25963	0.000611	0.004734	0.002367	0.005328
47.26199	0	0.004123	-7.6E-05	0.004124
47.26436	-0.00061	0.004123	0.000534	0.004202
47.26672	-0.00122	0.002902	0.000534	0.003193
47.26908	-0.00061	0.004123	-0.0013	0.004366
47.27145	-0.00122	0.003512	0.000534	0.003757
47.27381	-0.00061	0.002902	0.001756	0.003446
47.27617	0.003665	0.002902	-0.00069	0.004725
47.27853	0	0.003512	0.000534	0.003553
47.2809	0.001833	0.002902	0.000534	0.003473
47.28326	0.001222	0.002291	0.001145	0.002838
47.28562	0	-0.00504	0.002978	0.005854
47.28798	-0.00183	-0.01481	0.003589	0.015351
47.29035	-0.00061	-0.01176	-0.00069	0.011795
47.29271	0.002443	0.001069	-0.00069	0.002754
47.29507	0.003665	0.013897	-0.00069	0.014388
47.29744	0.000611	0.021838	0.001756	0.021917
47.2998	-0.00367	0.024892	-7.6E-05	0.025161
47.30216	-0.0055	0.021227	0.002978	0.022129
47.30452	-0.00672	0.018173	-7.6E-05	0.019375
47.30689	-0.00367	0.013897	0.001145	0.014418
47.30925	0.000611	0.006567	0.001145	0.006694
47.31161	0.001833	-0.00443	0.000534	0.004823
47.31398	0.003665	-0.01298	0.001756	0.013602
47.31634	0.004887	-0.01359	0.001756	0.01455

47.3187	0.003665	-0.01054	0.001145	0.011215
47.32106	0.001833	-0.00626	0.000534	0.006546
47.32343	-0.00061	-0.00015	0.001145	0.001307
47.32579	-0.00367	0.005345	0.000534	0.006503
47.32815	-0.00367	0.004734	-7.6E-05	0.005987
47.33052	-0.00305	0.007788	0.002367	0.008694
47.33288	-0.00183	0.008399	0.000534	0.008613
47.33524	0.001222	0.007177	0.000534	0.0073
47.3376	0.001222	0.005345	0.001756	0.005757
47.33997	0.001222	0.004123	-7.6E-05	0.004301
47.34233	0.002443	0.002291	-7.6E-05	0.00335
47.34469	0.001833	0.002291	0.001145	0.003149
47.34706	-0.00122	0.002291	0.001756	0.003134
47.34942	0.000611	0.002902	0.001145	0.003179
47.35178	-0.00061	0.005956	0.000534	0.006011
47.35414	-0.00183	0.007177	0.000534	0.007427
47.35651	0	0.007177	0.001145	0.007268
47.35887	-0.00061	0.010232	0.001756	0.010399
47.36123	-0.00122	0.011453	0.001756	0.011651
47.3636	-0.00122	0.010232	0.001756	0.010453
47.36596	-0.00183	0.010843	0.000534	0.011009
47.36832	-0.00061	0.010232	0.002978	0.010674
47.37068	-0.00061	0.011453	0.001145	0.011527
47.37305	-0.00244	0.00901	-7.6E-05	0.009336
47.37541	-0.00122	0.00901	0.000534	0.009108
47.37777	-0.00183	0.009621	-0.00069	0.009818
47.38014	-0.00122	0.010232	-0.00069	0.010327
47.3825	-0.00122	0.012064	0.000534	0.012138
47.38486	-0.00367	0.012064	-7.6E-05	0.012609
47.38722	-0.00183	0.012064	-0.00069	0.012222
47.38959	-0.01466	0.029779	-0.00069	0.033199
47.39195	-0.08979	0.123849	-0.00191	0.152988
47.39431	-0.2028	0.234413	0.0042	0.309992
47.39668	-0.24312	0.257014	0.008476	0.353884
47.39904	-0.16676	0.192875	0.002367	0.254982
47.4014	-0.03054	0.085977	0.001145	0.091248
47.40376	0.084908	-0.0478	0.001145	0.097444
47.40613	0.145382	-0.15653	0.001756	0.213636
47.40849	0.149047	-0.18707	0.000534	0.239189
47.41085	0.114839	-0.15164	-7.6E-05	0.19022
47.41321	0.069637	-0.10094	-0.0013	0.122639
47.41558	0.027488	-0.06429	-0.0013	0.069934
47.41794	0.003665	-0.04902	-0.00069	0.049162
47.4203	-0.00122	-0.03925	-0.00191	0.039312
47.42267	0.004887	-0.03008	-0.0013	0.030506
47.42503	0.009163	-0.02336	-0.0013	0.025131
47.42739	0.010995	-0.02031	-7.6E-05	0.023096
47.42975	0.009163	-0.02642	0.000534	0.027968
47.43212	0.005498	-0.03925	-7.6E-05	0.03963
47.43448	0.000611	-0.07101	-0.00191	0.071039
47.43684	0.001833	-0.06857	0.000534	0.068594

