EA02-025

FORD
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APPENDIX N
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4.1183	81.3356	82.1561	675.027	725.115	-0.004076	5.99563	34.0074	-0.014063
4.1173	80.7888	82.0193	675.941	725.798	0.02038	5.99219	34.0074	-0.012188
4.1183	81.3356	81.7458	675.599	725.388	-0.004076	5.98969	34.2048	-0.014063
4.1193	80.6521	82.1561	675.142	726.481	-0.004076	5.98906	34.3035	-0.01375
4.1203	81.0622	81.8826	675.599	725.388	-0.004076	5.98969	34.2541	-0.0125
4.1213	81.3356	81.8826	675.142	724.842	-0.02038	5.98969	34.1061	-0.010625
4.1223	81.0622	82.4295	675.142	725.388	-0.004076	5.99156	34.0074	-0.015
4.1233	81.1989	81.8826	674.685	725.798	-0.004076	5.99062	34.5009	-0.01375
4.1243	81.0622	82.1561	675.941	726.207	-0.004076	5.99594	33.9087	-0.012813
4.1253	81.1989	82.1561	675.827	725.798	-0.012228	5.99906	34.0074	-0.012813
4.1263	81.3356	81.8826	675.599	725.934	-0.004076	5.99719	33.6594	-0.01375
4.1273	81.1989	82.0193	675.484	725.388	-0.004076	5.99781	33.8087	-0.014063
4.1283	81.3356	82.1561	675.599	726.207	0.02038	6.00156	34.1061	-0.0125
4.1293	81.3356	82.0193	675.827	725.388	-0.004076	6.00156	33.7114	-0.013438
4.1303	81.6091	81.8826	675.484	726.481	-0.004076	5.99937	34.1061	-0.012813
4.1313	81.3356	82.0193	675.599	725.934	-0.004076	5.97906	33.662	-0.013125
4.1323	81.1989	81.8826	676.512	726.207	-0.004076	5.95719	33.662	-0.010313
4.1333	81.0622	82.2928	675.142	724.842	-0.004076	5.93687	33.7114	-0.016563
4.1343	81.1989	82.1561	675.599	725.934	-0.004076	5.96312	33.6594	-0.01375
4.1353	81.0622	82.703	675.599	725.934	-0.004076	6.01656	33.7114	-0.014688
4.1363	81.3356	82.4295	675.484	725.388	-0.004076	5.99969	33.7114	-0.010938
4.1373	81.0622	82.1561	675.37	725.934	0.028532	6.00625	33.514	-0.012188
4.1383	81.3356	81.8826	675.713	726.481	-0.004076	6.00469	33.662	-0.01125
4.1393	81.3356	82.1561	675.599	726.754	-0.004076	6.00219	33.514	-0.014063
4.1403	81.0622	82.5663	675.142	725.388	-0.012228	5.99969	33.514	-0.012813
4.1413	81.3356	81.8826	675.142	727.573	-0.012228	5.99875	33.514	-0.013438
4.1423	80.7888	82.1561	675.941	725.388	-0.004076	5.99469	33.3166	-0.014063
4.1433	80.9255	81.8826	675.827	726.754	-0.004076	5.99469	33.514	-0.0125
4.1443	81.1989	82.0193	675.599	725.798	-0.004076	5.99406	33.3659	-0.014688
4.1453	81.1989	82.1561	675.142	725.388	-0.004076	5.99469	33.9087	-0.012813
4.1463	81.1989	82.0193	675.827	726.754	0.024456	5.99656	33.3166	-0.014063
4.1473	81.0622	81.8826	675.599	726.207	0.02038	5.99656	33.4646	-0.012813
4.1483	81.1989	82.2928	675.484	725.388	0.024456	5.99563	33.3166	-0.013125
4.1493	81.0622	81.8826	675.484	725.934	-0.004076	5.99719	33.3166	-0.01375
4.1503	81.1989	81.8826	675.713	726.754	0.061141	5.99969	33.3166	-0.013125
4.1513	81.1989	82.4295	676.37	726.207	-0.008152	5.99844	33.2179	-0.014688
4.1523	81.0622	82.0193	675.484	725.934	-0.012228	5.99969	33.3166	-0.014063
4.1533	81.0622	82.0193	675.37	724.842	-0.004076	6.00469	33.2179	-0.014688
4.1543	81.3356	81.8826	677.426	726.207	-0.004076	6.00719	33.2179	-0.009375
4.1553	80.7888	81.3356	674.913	725.388	-0.004076	6.00406	33.3166	-0.012813
4.1563	81.3356	82.2928	675.484	726.344	-0.004076	5.98969	33.3166	-0.012813
4.1573	81.6091	81.8826	675.142	725.798	-0.004076	5.96781	33.0205	-0.014063
4.1583	81.3356	81.8826	675.827	726.481	-0.004076	5.94719	33.2179	-0.012813
4.1593	81.0622	82.0193	674.799	725.798	-0.004076	5.93687	33.0205	-0.014375
4.1603	81.3356	81.7458	675.713	726.207	-0.004076	5.99969	33.0599	-0.013438
4.1613	81.0622	82.0193	674.913	726.481	0.036685	6.00719	32.7246	-0.014688
4.1623	81.6091	82.1561	675.713	726.754	-0.008152	6.00469	33.0205	-0.012813
4.1633	81.1989	82.4295	675.599	727.3	-0.004076	6.00562	32.7245	-0.011875
4.1643	81.3356	81.8826	675.484	725.934	-0.004076	6.00656	32.8725	-0.014063

4.1653	81.8826	82.1561	675.142	725.388	-0.004076	6.00594	32.7245	-0.012813
4.1663	81.3356	82.0193	675.599	725.934	-0.008152	6.00469	33.1192	-0.014063
4.1673	81.0622	82.1561	675.37	725.934	-0.004076	6.00187	33.6127	-0.01375
4.1683	80.7888	82.1561	675.37	726.344	-0.004076	6.00219	32.9218	-0.012813
4.1693	81.0622	82.0193	675.941	726.481	-0.004076	6.00187	33.1192	-0.012188
4.1703	81.3356	82.0193	675.599	726.344	-0.004076	6.00219	32.9712	-0.012813
4.1713	81.1989	81.8826	675.37	726.071	-0.004076	6.00281	33.0205	-0.012813
4.1723	81.1989	82.0193	676.599	726.617	0.02038	6.00344	33.0205	-0.0125
4.1733	81.0622	82.703	675.37	725.934	-0.02038	5.99969	32.9218	-0.013438
4.1743	81.3356	82.1561	674.913	727.027	-0.018304	6.00094	33.0205	-0.012813
4.1753	81.1989	82.0193	675.142	725.388	-0.02038	6.00406	32.8725	-0.014063
4.1763	81.1989	82.1561	676.741	726.207	-0.008152	6.00125	32.7245	-0.010625
4.1773	81.1989	82.1561	675.713	726.207	-0.004076	6.00594	32.6258	-0.013438
4.1783	81.4724	82.0193	675.599	725.934	-0.004076	6.00719	32.7245	-0.012813
4.1793	81.1989	82.0193	676.941	726.481	-0.004076	6.00344	33.0699	-0.012188
4.1803	81.6091	82.0193	675.484	726.344	-0.004076	6.00969	32.6751	-0.013125
4.1813	81.0622	82.4295	675.37	726.207	-0.004076	6.00406	32.8232	-0.013438
4.1823	81.3356	82.0193	675.941	726.481	-0.004076	5.98094	32.6751	-0.011875
4.1833	81.3356	82.2928	676.713	725.934	0.024456	5.95875	32.6258	-0.013438
4.1843	81.3356	81.8826	675.827	727.3	-0.004076	5.93969	32.8725	-0.014063
4.1853	81.0622	82.1561	675.941	727.71	-0.008152	5.94469	32.5271	-0.010938
4.1863	81.8826	81.8826	675.599	726.207	-0.004076	6.01656	32.5764	-0.012188
4.1873	81.1989	82.2928	675.484	726.344	-0.004076	6.00406	32.7245	-0.010313
4.1883	81.0622	82.1561	675.484	725.388	-0.004076	6.00812	32.7245	-0.012813
4.1893	81.1989	82.1561	675.599	726.754	-0.004076	6.00562	33.1192	-0.012813
4.1903	81.3356	82.1561	675.599	726.617	-0.004076	6.00625	32.9218	-0.012813
4.1913	81.1989	82.1561	675.599	726.481	0.02038	6.00469	32.5271	-0.013438
4.1923	81.7458	81.8826	675.827	727.027	-0.004076	6.00469	32.7245	-0.013438
4.1933	81.0622	82.2928	676.055	726.754	0.028532	6.00219	32.6258	-0.013438
4.1943	81.3356	81.8826	675.599	727.027	0.052989	5.99969	32.7245	-0.012813
4.1953	81.0622	82.2928	675.941	726.754	-0.004076	5.99625	32.7245	-0.013125
4.1963	81.3356	82.0193	676.941	727.573	-0.012228	5.99969	32.5271	-0.013125
4.1973	81.1989	81.8826	676.941	726.207	-0.004076	6.00156	32.6258	-0.011563
4.1983	81.3356	82.1561	676.512	725.798	-0.008152	5.99969	32.5764	-0.010625
4.1993	81.3356	82.1561	675.941	726.207	-0.004076	5.99969	32.5764	-0.012813
4.2003	81.0622	81.1989	676.055	726.481	-0.004076	6.00094	32.6258	-0.013438
4.2013	80.9255	82.1561	675.484	726.207	-0.004076	6.00187	32.9218	-0.014688
4.2023	81.3356	82.1561	675.142	726.481	-0.004076	6.00187	32.5271	-0.013438
4.2033	81.0622	81.7458	676.055	726.481	-0.004076	6.00594	32.4284	-0.013438
4.2043	81.1989	82.0193	676.055	726.481	-0.004076	6.00406	32.6258	-0.011875
4.2053	81.0622	82.1561	676.398	726.481	0.028532	6.00688	32.5764	-0.011563
4.2063	80.7888	82.1561	675.941	726.617	-0.004076	6.00844	32.6258	-0.011563
4.2073	81.0622	82.1561	676.055	727.163	-0.004076	6.00469	32.6751	-0.011875
4.2083	81.1989	82.1561	675.713	725.934	-0.012228	5.97719	32.5764	-0.015313
4.2093	80.7888	82.4295	676.512	726.207	-0.004076	5.95656	32.5271	-0.011563
4.2103	80.9255	81.8826	675.599	726.207	-0.012228	5.93906	32.4284	-0.015313
4.2113	81.1989	81.8826	675.599	726.481	-0.004076	5.97625	32.7245	-0.01375
4.2123	81.1989	82.1561	676.055	725.388	-0.004076	6.02406	32.6258	-0.014063
4.2133	81.3356	82.0193	675.599	726.207	-0.004076	6.00844	32.4777	-0.013438

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4.2143	81.0622	81.7458	675.599	726.481	-0.004076	6.01094	32.4777	-0.011563
4.2153	80.2419	82.2928	676.056	726.754	-0.004076	6.01094	32.4284	-0.014063
4.2163	81.0622	82.0193	676.055	726.481	-0.004076	6.00594	32.4284	-0.012813
4.2173	81.0622	82.703	675.941	726.481	-0.004076	6.00469	32.3297	-0.013125
4.2183	81.1989	81.8826	675.599	727.573	-0.008152	6.00469	32.379	-0.012813
4.2193	80.5153	82.1561	676.512	726.754	-0.004076	6.00219	32.4777	-0.012813
4.2203	81.0622	82.4295	676.626	726.754	-0.008152	6.00219	32.4284	-0.010313
4.2213	81.4724	82.1561	675.713	725.934	-0.012228	5.99906	32.2804	-0.012813
4.2223	81.3356	82.0193	675.599	726.89	-0.004076	5.99906	32.231	-0.014375
4.2233	81.3356	82.4295	676.055	726.89	-0.004076	5.99969	32.7246	-0.01375
4.2243	80.9256	81.6091	676.055	726.617	0.02038	5.99781	32.231	-0.012813
4.2253	80.7888	82.1561	676.626	727.027	0.02038	6.00281	32.4777	-0.01375
4.2263	81.3356	82.1561	676.284	726.617	-0.004076	5.99781	32.2804	-0.012813
4.2273	81.3356	81.4724	676.741	727.027	0.052989	6.00344	32.1817	-0.011875
4.2283	81.3356	82.8398	676.055	726.344	-0.008152	6.00469	32.2804	-0.011875
4.2293	81.0622	82.1561	675.827	726.207	-0.004076	6.00469	32.3297	-0.012813
4.2303	81.0622	82.1561	675.827	726.89	-0.004076	6.00844	32.5764	-0.0125
4.2313	81.1989	82.6683	676.741	726.207	-0.012228	6.01187	32.231	-0.012813
4.2323	81.0622	82.1561	676.284	726.344	-0.004076	6.01156	32.231	-0.013438
4.2333	81.1989	82.0193	676.713	727.027	-0.004076	6.00156	32.231	-0.015313
4.2343	81.0622	82.2928	676.056	726.481	-0.004076	5.97781	32.231	-0.014375
4.2353	81.1989	81.8826	675.599	726.754	0.028532	5.95656	32.231	-0.011563
4.23631	81.1989	82.703	676.056	726.754	0.024456	5.94844	32.1817	-0.010625
4.23731	81.0622	81.8826	676.284	726.344	-0.004076	6.00969	32.231	-0.011563
4.23831	81.8826	82.1561	675.941	727.3	0.028532	6.01469	32.231	-0.012813
4.23931	81.1989	81.8826	676.284	727.3	-0.004076	6.01312	31.8856	-0.012813
4.24031	81.1989	82.1561	676.055	727.163	-0.004076	6.01344	32.4284	-0.011563
4.24131	81.1989	82.4295	676.398	726.481	-0.004076	6.00844	32.231	-0.012813
4.24231	81.0622	82.1561	676.398	726.481	-0.008152	6.00781	32.4777	-0.013438
4.24331	80.9255	82.4295	676.055	726.207	-0.004076	6.00844	31.9349	-0.012188
4.24431	81.6091	81.8826	676.284	727.573	0.024456	6.00969	31.9349	-0.014063
4.24531	81.4724	81.8826	676.626	728.12	0.02038	6.00656	32.4284	-0.012813
4.24631	81.3356	82.1561	676.398	727.846	-0.004076	6.00344	31.9349	-0.014063
4.24731	81.6091	82.0193	676.398	727.163	-0.004076	6.00375	32.1323	-0.012813
4.24831	81.3356	81.8826	676.055	726.89	-0.004076	6.00219	32.1323	-0.014063
4.24931	80.7888	81.3356	676.055	727.027	0.044637	6.00469	32.231	-0.013438
4.25031	81.4724	82.0193	676.626	727.437	-0.004076	6.00656	32.083	-0.015313
4.25131	81.3356	81.8826	676.055	726.481	-0.02038	6.00437	31.9349	-0.014063
4.25231	81.1989	81.8826	675.827	727.437	-0.004076	6.00656	32.1817	-0.011563
4.25331	81.1989	82.1561	675.941	726.934	-0.004076	6.00906	32.1817	-0.010313
4.25431	81.0622	81.6091	676.284	726.754	-0.004076	6.00969	31.8856	-0.013125
4.25531	81.1989	82.0193	676.055	726.207	-0.004076	6.01312	32.1817	-0.012188
4.25631	81.3356	82.1561	676.512	726.617	-0.004076	6.01406	32.5271	-0.012813
4.25731	81.0622	82.1561	676.626	727.027	0.028532	6.01219	32.0336	-0.013438
4.25831	81.0622	82.2928	676.512	727.3	-0.004076	6.01219	32.1323	-0.014375
4.25931	81.4724	82.0193	676.055	727.3	-0.004076	5.98781	32.231	-0.013438
4.26031	81.3356	82.1561	676.284	726.754	0.024456	5.96469	32.083	-0.012813
4.26131	81.8826	82.1561	676.512	727.027	-0.004076	5.94875	32.1323	-0.013438
4.26231	81.0622	81.8826	676.969	728.666	0.028532	5.96344	32.1817	-0.012188

4.26331	81.3356	81.8826	676.741	727.027	0.02038	6.02969	32.1323	-0.01375
4.26431	81.1989	81.8826	676.512	726.481	-0.004076	6.01375	31.8856	-0.014063
4.26531	81.3356	82.1561	676.512	726.481	-0.024456	6.01656	31.6389	-0.015938
4.26631	81.3356	81.8826	676.055	727.573	-0.004076	6.01094	32.0336	-0.012813
4.26731	81.1989	82.4295	676.398	727.437	-0.004076	6.01187	32.4284	-0.014063
4.26831	81.1989	82.1561	676.398	727.3	-0.012228	6.01281	32.083	-0.01375
4.26931	81.1989	81.8826	676.626	727.573	-0.004076	6.01469	31.8363	-0.013125
4.27031	81.3356	82.2928	676.741	727.027	-0.012228	6.00625	32.0336	-0.012188
4.27131	81.0622	81.7458	677.083	727.437	0.024456	6.00938	32.0336	-0.010938
4.27231	81.6091	82.1561	676.855	727.573	-0.004076	6.00719	31.9349	-0.014063
4.27331	81.3356	82.1561	676.741	727.573	-0.004076	6.00594	32.1323	-0.011875
4.27431	81.0622	82.0193	676.741	727.573	-0.012228	6.00562	31.9349	-0.014063
4.27531	81.3356	82.4295	676.741	727.3	-0.004076	6.00719	31.9843	-0.012188
4.27631	81.3356	82.2928	676.512	726.481	-0.012228	6.00719	31.7869	-0.015313
4.27731	81.3356	82.2928	676.284	727.437	-0.02038	6.00906	32.1323	-0.01375
4.27831	81.0622	82.0193	676.969	727.437	-0.004076	6.00688	32.4284	-0.012813
4.27931	81.8826	82.1561	676.969	727.573	-0.004076	6.00781	32.1323	-0.012813
4.28031	81.3356	82.1561	676.969	727.3	-0.004076	6.01281	32.3297	-0.012188
4.28131	81.3356	82.1561	676.512	727.027	-0.004076	6.01219	32.2804	-0.011875
4.28231	81.0622	82.0193	677.198	727.573	0.069293	6.01156	32.231	-0.013438
4.28331	81.1989	81.8826	676.398	727.573	-0.004076	6.01344	32.083	-0.012188
4.28431	81.3356	82.4295	676.855	728.12	-0.004076	6.00969	32.231	-0.013125
4.28531	81.0622	82.1561	677.426	727.437	-0.004076	5.98312	31.9349	-0.013125
4.28631	81.1989	82.4295	676.969	727.573	-0.004076	5.96469	32.231	-0.013125
4.28731	81.0622	81.8826	676.398	725.934	-0.062989	5.94156	31.8363	-0.012188
4.28831	81.0622	82.2928	676.855	727.71	-0.004076	5.97437	32.4284	-0.012813
4.28931	81.0622	81.6091	676.855	728.256	-0.004076	6.02719	32.4284	-0.013125
4.29031	81.3356	82.4295	676.969	727.846	-0.004076	6.01094	32.3297	-0.013125
4.29131	80.7888	82.1561	677.426	727.573	-0.012228	6.01594	32.1817	-0.013125
4.29231	80.6521	82.1561	677.426	727.573	-0.004076	6.01219	31.9349	-0.012813
4.29331	81.0622	82.4295	677.426	728.12	-0.004076	6.01437	32.1323	-0.013438
4.29431	81.3356	82.1561	676.741	728.393	0.024456	6.01219	32.1323	-0.012188
4.29531	81.0622	81.8826	677.883	728.393	-0.004076	6.00844	32.3297	-0.012813
4.29631	81.0622	81.6091	677.198	727.983	-0.004076	6.00969	32.1323	-0.0125
4.29731	81.0622	82.1561	677.426	727.573	-0.004076	6.00906	32.2804	-0.012188
4.29831	81.1989	81.8826	676.741	727.027	-0.040761	6.00219	32.083	-0.016563
4.29931	80.9255	82.2928	676.741	727.573	-0.008152	6.00344	32.1323	-0.014688
4.30031	80.6521	81.7458	677.54	727.573	-0.004076	6.00719	32.7245	-0.012813
4.30131	81.3356	82.0193	676.969	727.846	-0.004076	6.00469	32.3297	-0.012813
4.30231	81.0622	82.2928	677.198	728.393	0.028532	6.01031	32.4284	-0.012813
4.30331	81.3356	82.4295	677.426	727.573	0.02038	6.00938	32.2804	-0.012813
4.30431	81.1989	82.4295	677.54	728.393	0.044837	6.00781	32.7245	-0.01125
4.30531	81.1989	82.4295	677.426	728.393	-0.004076	6.01094	32.4284	-0.010313
4.30631	81.0622	82.4295	677.312	728.256	-0.004076	6.01312	32.4777	-0.014063
4.30731	81.3356	82.4295	677.426	728.666	0.02038	6.01344	32.4284	-0.015313
4.30831	81.7458	82.0193	677.426	727.573	-0.004076	6.01469	32.4284	-0.013438
4.30931	80.7888	81.8826	677.198	726.89	-0.062989	6.01281	32.231	-0.012813
4.31031	81.3356	82.1561	677.198	728.12	-0.004076	6.00781	32.4284	-0.015313
4.31131	81.0622	82.2928	678.568	728.939	-0.016304	5.98281	32.8725	-0.012813

4.31231	81.1989	82.0193	677.654	728.666	-0.004076	5.96406	32.5764	-0.012813
4.31331	81.3356	81.8826	677.198	728.939	-0.004076	5.94781	32.7245	-0.011875
4.31431	81.1989	82.2928	677.426	728.666	0.02038	6.00656	32.7245	-0.012813
4.31531	81.7458	82.0193	677.198	727.573	-0.004076	6.02219	32.6751	-0.014063
4.31631	81.0622	82.4295	677.654	728.939	-0.004076	6.01469	32.7245	-0.012813
4.31731	81.3356	82.0193	676.989	728.666	-0.004076	6.01719	32.7245	-0.01375
4.31831	81.3356	81.8826	677.426	729.076	-0.004076	6.01781	32.8725	-0.011875
4.31931	81.1989	81.3356	677.654	729.212	-0.004076	6.01469	33.0205	-0.011875
4.32031	81.0622	82.1561	676.741	727.573	-0.052989	6.00875	32.379	-0.014063
4.32131	81.1989	81.8826	677.54	729.076	-0.02038	6.01281	32.7245	-0.014063
4.32231	81.0622	82.4295	677.769	728.666	-0.004076	6.00781	33.1192	-0.014063
4.32331	81.1989	81.8826	677.883	729.212	0.036685	6.00656	33.0205	-0.014688
4.32431	81.3356	82.0193	677.198	728.939	-0.004076	6.00969	33.0699	-0.013438
4.32531	81.0622	81.3356	677.769	729.485	-0.004076	6.00781	32.9712	-0.012813
4.32631	81.0622	81.4724	678.111	729.485	0.044837	6.00906	33.0699	-0.012813
4.32731	81.0622	82.1561	678.111	729.485	-0.004076	6.00844	32.8232	-0.012813
4.32831	81.1989	82.4295	678.111	729.212	-0.004076	6.00969	33.0205	-0.012813
4.32931	81.3356	82.2928	677.883	729.485	-0.02038	6.00844	33.2179	-0.012813
4.33031	81.8826	82.1561	678.111	729.076	-0.004076	6.00969	33.1686	-0.013438
4.33131	81.0622	82.0193	678.566	729.076	-0.004076	6.01219	33.1192	-0.01125
4.33231	81.7458	82.1561	678.111	729.212	-0.008152	6.01156	33.1192	-0.014063
4.33331	81.1989	82.2928	677.883	730.032	-0.004076	6.01437	33.3166	-0.015313
4.33431	81.1989	81.7458	678.454	729.212	-0.004076	6.01906	33.2673	-0.013438
4.33531	81.3356	82.4295	677.769	729.212	0.02038	6.01969	33.2179	-0.013125
4.33631	81.4724	82.0193	677.883	729.758	-0.004076	6.00406	33.0699	-0.01375
4.33731	81.3356	82.1561	677.883	729.758	-0.004076	5.97844	33.1192	-0.012813
4.33831	81.3356	81.8826	678.111	729.485	-0.004076	5.95844	33.2179	-0.012813
4.33931	81.0622	81.8826	677.883	729.622	-0.008152	5.95156	33.3166	-0.014375
4.34031	81.0622	81.4724	678.34	730.578	-0.004076	6.02375	33.3659	-0.011875
4.34131	81.0622	82.0193	678.34	729.758	0.028532	6.01594	33.2179	-0.012813
4.34231	81.1989	82.1561	678.568	729.622	-0.008152	6.01563	33.2673	-0.012188
4.34331	81.8826	81.8826	678.111	729.622	-0.004076	6.01719	33.2673	-0.013438
4.34431	81.1989	81.6091	678.111	730.578	0.028532	6.01687	33.8594	-0.013125
4.34531	81.1989	81.8826	678.34	729.758	0.02038	6.01469	33.4646	-0.01375
4.34631	81.1989	82.4295	678.225	730.578	0.028532	6.01594	33.4153	-0.014688
4.34731	81.3356	82.0193	677.883	730.988	0.02038	6.01219	33.4646	-0.013438
4.34831	81.3356	82.2928	678.34	730.715	0.061141	6.00875	33.6127	-0.013438
4.34931	81.3356	82.0193	678.34	730.715	-0.004076	6.01094	33.5633	-0.013438
4.35031	81.3356	81.3356	678.225	730.851	-0.004076	6.00719	33.514	-0.0125
4.35131	81.3356	81.8826	677.883	730.578	-0.004076	6.00781	33.7114	-0.012813
4.35231	81.3356	82.1561	678.111	730.305	-0.004076	6.00875	33.6127	-0.014688
4.35331	81.1989	81.8826	679.139	730.578	-0.004076	6.00969	33.7114	-0.010625
4.35431	81.3356	81.7458	676.989	730.305	-0.004076	6.00969	33.6127	-0.015313
4.35531	81.1989	81.3356	678.111	730.168	-0.012228	6.01094	34.1061	-0.014063
4.35631	81.3356	81.8826	679.025	731.124	0.02038	6.01187	33.9087	-0.012813
4.35731	81.1989	82.4295	677.883	729.758	-0.012228	6.00969	33.9087	-0.012813
4.35831	81.0622	82.4295	678.34	730.168	-0.012228	6.01281	33.8594	-0.014375
4.35931	81.1989	82.4295	678.34	730.715	-0.004076	6.01344	33.7607	-0.011875
4.36031	81.3356	82.4295	678.111	730.578	0.044837	6.01406	33.9087	-0.013438

4.36131	81.0622	81.7458	678.111	730.441	-0.008152	6.01031	33.9067	-0.012813
4.36231	81.0622	82.0193	678.34	730.441	-0.004076	5.99094	33.9581	-0.01375
4.36331	81.1989	82.0193	677.883	730.168	-0.02038	5.97062	33.7114	-0.014063
4.36431	81.3356	82.1561	679.71	730.861	-0.008152	5.95156	33.9067	-0.013438
4.36531	80.6521	82.0193	678.454	731.124	-0.008152	5.94906	33.7114	-0.015313
4.36631	81.1989	81.3356	678.568	731.807	-0.004076	6.02094	34.3035	-0.012813
4.36731	81.3356	82.2928	678.568	731.261	-0.004076	6.01406	34.1061	-0.013125
4.36831	81.3356	82.0193	678.797	732.217	-0.004076	6.01906	33.81	-0.0125
4.36931	81.3356	82.2928	679.253	731.944	0.02038	6.01406	33.7607	-0.012813
4.37031	81.0622	81.6091	678.797	731.671	-0.004076	6.01281	33.7607	-0.013125
4.37131	81.6091	82.0193	679.025	731.398	-0.004076	6.01156	33.6127	-0.012813
4.37231	81.4724	82.1561	677.883	731.124	-0.02038	6.00906	33.9067	-0.012188
4.37331	81.6091	82.1561	678.682	733.31	-0.004076	6.00531	33.9581	-0.013125
4.37431	81.4724	81.8826	678.225	731.261	-0.004076	6.00719	34.0074	-0.0125
4.37632	81.3356	82.4295	679.596	732.217	0.028532	6.00594	34.0568	-0.009688
4.37632	80.7888	82.2928	677.997	731.671	-0.004076	6.00281	34.1555	-0.013438
4.37732	81.3356	82.0193	679.025	731.671	-0.004076	6.00469	34.5996	-0.013438
4.37832	81.3356	82.1561	678.568	732.49	-0.004076	6.00656	34.2541	-0.012188
4.37932	81.3356	81.6091	679.025	732.49	-0.004076	6.00469	33.81	-0.013125
4.38032	81.0622	82.4295	678.797	731.944	-0.004076	6.00656	34.3035	-0.013438
4.38132	81.1989	81.7458	678.797	732.763	-0.004076	6.00688	34.3035	-0.013438
4.38232	81.6091	82.703	678.682	731.807	0.024456	6.00719	34.0568	-0.013125
4.38332	81.3356	81.3356	678.34	731.398	-0.004076	6.00656	34.0074	-0.014063
4.38432	81.8826	82.0193	678.797	733.583	-0.008152	6.00969	34.3035	-0.012813
4.38532	80.7888	82.0193	678.797	731.261	-0.008152	6.00719	34.1061	-0.013125
4.38632	81.3356	82.0193	679.139	731.944	-0.004076	6.00612	34.1061	-0.011563
4.38732	81.3356	82.1561	678.568	732.217	-0.004076	6.01	34.0074	-0.01625
4.38832	81.0622	81.8826	678.568	732.217	0.032609	5.99219	34.4022	-0.014688
4.38932	81.0622	82.2928	678.797	732.627	-0.004076	5.96781	34.2048	-0.011875
4.39032	80.9255	81.8826	678.568	732.49	-0.004076	5.94906	34.3035	-0.012813
4.39132	81.3356	82.1561	678.568	731.944	-0.004076	5.94281	34.0074	-0.012188
4.39232	81.0622	81.8826	678.797	733.036	-0.004076	6.01531	34.0074	-0.014063
4.39332	81.0622	81.7458	678.797	733.31	0.02038	6.00719	34.0074	-0.014063
4.39432	81.1989	81.7458	678.568	732.49	-0.004076	6.00906	34.1061	-0.013125
4.39532	81.3356	81.8826	678.797	733.856	-0.004076	6.00594	33.9581	-0.015625
4.39632	81.8826	82.1561	678.454	731.944	-0.004076	6.00719	34.0568	-0.013125
4.39732	81.3356	81.8826	679.025	732.354	-0.004076	6.00719	34.1555	-0.010625
4.39832	81.6091	82.1561	677.769	732.49	-0.012228	6.00281	34.0568	-0.015625
4.39932	81.6091	82.1561	678.797	733.036	-0.004076	6.00219	34.8996	-0.014063
4.40032	81.3356	82.2928	678.568	733.036	0.02038	6.00219	34.0568	-0.014063
4.40132	81.8826	81.8826	678.797	732.763	-0.004076	6.00156	34.2541	-0.0125
4.40232	81.1989	82.8398	678.911	733.446	0.024456	6.00281	34.1061	-0.011875
4.40332	81.3356	81.7458	678.797	732.9	-0.02038	6.00187	34.0074	-0.012188
4.40432	80.7888	81.8826	678.797	733.583	0.032609	5.99969	34.4022	-0.011875
4.40532	81.3356	81.3356	678.797	733.31	0.02038	5.99906	34.2048	-0.012188
4.40632	81.1989	82.0193	679.139	734.539	-0.004076	6.00219	34.0074	-0.015313
4.40732	81.3356	82.4295	679.025	732.763	-0.004076	6.00437	34.1061	-0.0125
4.40832	81.1989	82.703	679.368	733.036	-0.004076	6.00312	33.7114	-0.010625
4.40932	81.3356	82.4295	679.025	733.036	-0.004076	6.00688	34.1061	-0.014375

4.41032	80.7888	82.1561	678.568	732.763	-0.004076	6.00719	34.2048	-0.013125
4.41132	81.8826	82.1561	678.797	733.719	-0.004076	6.00719	34.3035	-0.013438
4.41232	81.3356	82.1561	679.482	733.036	-0.004076	6.01094	34.0074	-0.014063
4.41332	81.3356	82.1561	679.253	733.446	-0.004076	6.00844	33.9087	-0.012813
4.41432	81.3356	81.8826	678.454	733.583	-0.004076	5.99156	33.9087	-0.012813
4.41532	81.6091	81.8826	679.025	733.446	-0.004076	5.99875	33.9087	-0.013125
4.41632	80.7888	82.703	678.797	733.856	-0.024456	5.94969	33.9561	-0.012813
4.41732	81.1989	82.4295	679.139	734.129	-0.02038	5.94312	34.0568	-0.011563
4.41832	81.1989	82.2928	679.025	732.9	0.024456	6.01656	33.8594	-0.012813
4.41932	81.0622	82.0193	679.71	733.036	-0.004076	6.00781	33.862	-0.009063
4.42032	81.1989	81.7458	678.454	733.583	-0.004076	6.00969	33.81	-0.012813
4.42132	81.3356	82.2928	678.797	733.719	-0.004076	6.00719	33.9581	-0.013125
4.42232	81.3356	82.0193	678.34	733.719	-0.004076	6.00781	33.7607	-0.014688
4.42332	81.3356	81.8826	678.797	733.856	-0.004076	6.00406	33.7607	-0.012813
4.42432	81.0622	81.0622	678.568	733.583	-0.016304	6.00656	33.7607	-0.012813
4.42532	80.7888	81.8826	678.111	734.129	-0.008152	6.00187	33.6127	-0.014688
4.42632	81.3356	82.1561	678.225	733.856	-0.004076	6.00219	33.81	-0.0125
4.42732	81.3356	81.8826	678.797	734.129	-0.004076	5.99656	33.81	-0.014063
4.42832	81.1989	82.0193	678.568	735.495	-0.004076	5.99687	33.514	-0.014063
4.42932	81.3356	82.703	678.34	733.31	-0.004076	5.99687	33.9087	-0.01375
4.43032	80.6521	82.1561	678.797	734.129	-0.004076	5.99906	33.81	-0.01125
4.43132	81.3356	81.8826	678.797	733.31	-0.004076	5.99875	33.662	-0.01375
4.43232	81.3356	82.1561	677.883	733.993	-0.004076	6.00094	33.7114	-0.01375
4.43332	80.6521	82.0193	678.797	735.085	-0.004076	5.99969	33.662	-0.01375
4.43432	81.3356	82.703	678.797	733.856	-0.004076	5.99969	33.7114	-0.01375
4.43532	81.3356	82.1561	679.253	734.129	0.02038	6.00281	33.6127	-0.012188
4.43632	82.0193	82.0193	678.797	734.129	-0.004076	5.99969	33.4646	-0.013438
4.43732	81.3356	82.1561	678.568	734.129	0.052989	6.00344	33.514	-0.013125
4.43832	81.0622	81.8826	679.368	734.129	-0.004076	6.00344	33.514	-0.013125
4.43932	81.1989	81.3356	678.568	734.949	-0.004076	6.00344	33.6127	-0.012188
4.44032	81.1989	82.4295	678.111	733.719	-0.004076	5.99875	33.3166	-0.013438
4.44132	81.3356	81.7458	679.482	734.129	-0.004076	5.99719	33.3659	-0.011563
4.44232	80.5153	82.1561	678.34	733.583	-0.004076	5.94344	33.1192	-0.014063
4.44332	81.6091	82.1561	678.225	733.993	-0.004076	5.93656	33.4153	-0.013438
4.44432	81.3356	82.1561	678.568	734.129	-0.004076	6.00719	33.5633	-0.014688
4.44532	81.1989	81.8826	679.025	734.129	-0.004076	6.00656	33.2179	-0.014063
4.44632	81.3356	82.0193	678.682	733.993	-0.008152	6.00656	33.3659	-0.012813
4.44732	81.0622	81.3356	679.025	734.129	0.02038	6.00219	33.1192	-0.012813
4.44832	81.6091	81.7458	678.111	733.583	0.028532	5.99969	33.1686	-0.012813
4.44932	81.6091	82.1561	678.797	734.129	-0.008152	5.99844	33.2179	-0.013125
4.45032	81.0622	81.4724	678.111	735.085	-0.004076	5.99875	33.2179	-0.012188
4.45132	81.0622	81.3356	678.34	733.719	-0.040761	5.99687	32.9218	-0.015313
4.45232	81.1989	81.8826	678.682	734.129	-0.004076	5.99594	33.0699	-0.01125
4.45332	80.5153	82.1561	678.225	734.129	-0.02038	5.99281	32.6258	-0.012813
4.45432	81.0622	82.1561	677.769	734.949	-0.004076	5.99406	33.1192	-0.012813
4.45532	81.0622	82.1561	678.568	733.856	-0.004076	5.99344	32.6751	-0.013125
4.45632	81.7458	81.8826	678.34	734.129	-0.004076	5.99344	32.8232	-0.012813
4.45732	81.3356	82.0193	678.797	734.949	0.02038	5.99594	32.8725	-0.014063
4.45832	81.3356	81.8826	678.568	734.129	-0.004076	5.99469	32.7245	-0.012813

4.45932	80.8521	82.1561	678.682	734.675	0.044837	5.99531	32.9218	-0.014063
4.46032	81.4724	82.1561	678.34	734.812	-0.004076	5.99656	32.7245	-0.014688
4.46132	81.3356	82.0193	677.654	734.812	-0.004076	5.99719	32.6258	-0.0125
4.46232	81.3356	82.0193	678.797	733.993	-0.004076	5.99719	32.9218	-0.014063
4.46332	81.3356	82.1561	678.682	733.583	-0.004076	6.00156	32.5271	-0.012813
4.46432	81.3356	82.1561	678.454	733.856	-0.016304	6.00156	32.4284	-0.015313
4.46532	81.8826	82.0193	678.111	733.583	-0.012228	6.00219	32.5764	-0.014063
4.46632	80.7888	82.0193	678.111	733.31	-0.004076	5.98719	32.8232	-0.014063
4.46732	81.3356	81.3356	678.111	734.129	0.024456	5.96469	32.3297	-0.012813
4.46832	81.8826	81.8826	678.34	734.129	-0.004076	5.94656	32.5271	-0.01375
4.46932	81.1989	82.8398	677.883	734.675	-0.004076	5.93281	32.4777	-0.012813
4.47032	81.3356	82.1561	678.797	734.949	0.061141	5.99969	32.3297	-0.011875
4.47132	81.6091	82.1561	678.454	734.129	-0.004076	6.00531	32.231	-0.013125
4.47232	81.3356	81.8826	677.883	735.085	-0.004076	6.00219	32.4284	-0.010938
4.47332	81.1989	81.8826	678.566	735.222	-0.004076	6.00344	32.1817	-0.013438
4.47432	81.1989	81.8826	677.883	733.993	-0.004076	6.00094	32.3297	-0.011875
4.47532	81.0622	81.8826	678.797	734.129	-0.004076	5.99937	31.9349	-0.012813
4.47632	81.4724	82.1561	677.654	733.719	-0.012228	5.99675	32.1323	-0.012813
4.47732	81.7458	82.2926	678.568	734.675	-0.004076	5.99719	32.231	-0.013438
4.47832	81.3356	82.0193	678.682	734.675	-0.004076	5.99656	32.083	-0.015313
4.47932	81.1989	81.8826	677.883	734.949	-0.004076	5.99656	32.1817	-0.013438
4.48032	81.1989	81.6091	677.883	734.675	0.024456	5.99094	32.1323	-0.013438
4.48132	81.1989	81.8826	678.226	733.856	0.036685	5.98906	32.1323	-0.014688
4.48232	81.1989	81.8826	678.682	734.129	-0.004076	5.99469	31.8856	-0.013125
4.48332	81.1989	81.8826	678.34	734.129	-0.004076	5.99219	31.9349	-0.013438
4.48432	81.6091	81.8826	677.883	734.129	0.02038	5.99219	32.083	-0.015
4.48532	81.3356	82.1561	678.911	734.949	-0.004076	5.99406	32.083	-0.011563
4.48632	81.3356	82.1561	677.769	733.583	-0.028532	5.99469	31.6882	-0.015313
4.48732	81.6091	82.1561	677.769	735.222	-0.004076	5.99594	32.2804	-0.014063
4.48832	81.1989	82.1561	678.568	735.495	0.02038	5.99969	32.5271	-0.012813
4.48932	81.0622	82.703	677.426	734.539	-0.004076	5.99969	31.7869	-0.013438
4.49032	81.3356	81.8826	678.34	735.495	0.024456	6.00219	31.9349	-0.012813
4.49132	81.0622	82.1561	678.111	734.812	-0.004076	6.00281	31.8856	-0.012188
4.49232	81.3356	82.0193	677.883	734.129	0.024456	5.99219	31.9349	-0.013125
4.49332	81.3356	81.8826	678.111	734.129	-0.004076	5.96469	31.5402	-0.012813
4.49432	81.4724	81.8826	677.883	735.085	-0.008152	5.94562	31.5895	-0.012813
4.49532	81.1989	81.8826	677.883	734.812	-0.004076	5.92844	31.6882	-0.014063
4.49632	81.4724	81.8826	677.654	734.675	-0.004076	5.98594	31.7869	-0.013438
4.49732	81.8826	82.0193	678.34	733.993	-0.02038	6.00719	31.0467	-0.015313
4.49832	81.3356	82.1561	677.426	733.856	-0.008152	5.99969	31.5402	-0.014063
4.49932	81.3356	82.0193	677.426	734.129	-0.004076	6.00219	31.5895	-0.013438
4.50032	81.0622	81.3356	677.769	734.539	-0.02038	5.99969	31.3922	-0.014688
4.50132	81.0622	81.4724	677.654	734.812	-0.004076	6.00406	31.3922	-0.012188
4.50232	81.3356	81.3356	677.654	734.539	0.02038	5.99969	31.2935	-0.014063
4.50332	80.9255	82.1561	677.883	735.085	0.028532	5.99813	31.3428	-0.013125
4.50432	81.3356	82.1561	677.654	734.675	-0.004076	5.99656	31.6389	-0.014063
4.50532	81.1989	82.0193	678.797	734.949	0.02038	5.99469	31.5402	-0.010938
4.50632	80.7888	82.1561	677.883	734.129	-0.02038	5.99469	31.5402	-0.012813
4.50732	81.0622	82.1561	677.883	734.675	-0.004076	5.99656	31.5402	-0.012813

4.50832	81.3356	82.703	676.626	732.9	-0.052989	5.99281	30.8494	-0.015625
4.50932	81.1989	82.2928	677.854	734.539	-0.004076	5.99469	31.5402	-0.01375
4.51032	81.4724	82.1561	677.198	734.129	-0.008152	5.99469	31.9349	-0.01375
4.51132	81.3356	81.8826	676.969	734.129	-0.004076	5.99719	31.2441	-0.013438
4.51232	81.3356	82.1561	677.312	734.129	-0.008152	5.99406	31.2935	-0.014688
4.51332	81.3356	82.0193	677.426	734.539	0.028532	5.99719	31.2441	-0.012188
4.51433	81.6091	82.1561	677.198	735.085	0.028532	5.99937	31.2441	-0.012188
4.51533	80.7888	82.1561	677.426	734.129	-0.004076	6.00094	31.2935	-0.0125
4.51633	81.3356	82.0193	677.654	734.129	-0.004076	6.00187	31.1454	-0.011563
4.51733	81.1989	82.0193	677.426	734.129	-0.004076	6.00469	31.0961	-0.012813
4.51833	81.8826	81.8826	676.969	733.583	-0.008152	5.99563	31.1454	-0.013125
4.51933	81.0622	81.8826	677.312	733.446	-0.036685	5.99688	30.8	-0.016313
4.52033	81.4724	82.1561	676.969	734.129	-0.012228	5.94719	31.1948	-0.014375
4.52133	81.3356	82.1561	677.769	734.675	0.02038	5.93344	31.1454	-0.011563
4.52233	81.3356	82.0193	677.312	734.129	0.02038	5.98719	30.7013	-0.011563
4.52333	81.1989	82.1561	676.969	733.993	-0.004076	6.01344	31.1454	-0.013125
4.52433	82.0193	82.1561	676.969	734.129	-0.016304	5.99844	30.8987	-0.011875
4.52533	80.9256	82.4295	677.54	734.675	-0.004076	6.00281	31.0961	-0.012813
4.52633	81.1989	82.2928	676.969	734.129	-0.02038	6.00094	30.8987	-0.012813
4.52733	81.1989	82.2928	676.741	733.719	-0.016304	5.99969	30.8987	-0.014063
4.52833	81.3356	82.2928	676.969	733.993	-0.004076	5.99719	30.9481	-0.013125
4.52933	81.3356	82.1561	677.426	733.856	-0.004076	5.99969	30.9974	-0.013125
4.53033	80.7888	82.1561	676.284	732.9	-0.044837	5.99531	30.3086	-0.015938
4.53133	81.3356	81.8826	676.512	733.719	-0.004076	5.99469	30.9481	-0.014063
4.53233	81.1989	82.4295	677.54	734.129	0.036685	5.99594	31.2935	-0.010625
4.53333	81.7458	82.0193	676.969	733.583	-0.004076	5.99406	30.9481	-0.011563
4.53433	81.6091	81.8826	677.083	734.129	-0.004076	5.99656	30.7507	-0.013438
4.53533	81.4724	82.4295	676.969	734.129	-0.004076	5.99469	30.8494	-0.0125
4.53633	81.3356	82.2928	677.198	733.719	0.028532	5.99656	30.8987	-0.013438
4.53733	81.6091	81.3356	676.969	733.583	-0.004076	5.99281	30.7507	-0.012813
4.53833	81.4724	81.8826	676.512	733.856	-0.008152	5.99625	30.8	-0.013125
4.53933	80.7888	82.1561	676.512	733.583	-0.004076	5.99906	30.7507	-0.012188
4.54033	81.8826	82.0193	676.969	733.31	-0.004076	6.00156	30.7013	-0.013125
4.54133	81.6091	82.0193	675.713	731.944	-0.044837	5.99406	30.5039	-0.013438
4.54233	81.6091	82.1561	676.512	733.036	-0.004076	6.00187	30.8	-0.012813
4.54333	81.4724	82.0193	676.741	733.31	-0.004076	6.00219	30.9481	-0.014063
4.54433	81.3356	82.0193	675.941	734.129	-0.004076	5.94719	30.7507	-0.013125
4.54533	81.3356	82.1561	676.855	733.993	-0.004076	5.36562	30.8494	-0.014063
4.54633	81.1989	81.7458	676.969	734.129	-0.004076	4.69844	30.8987	-0.012813
4.54733	81.3356	82.1561	675.941	733.036	-0.02038	4.00469	30.8494	-0.011563
4.54833	81.0622	81.8826	676.855	733.583	-0.004076	3.46719	30.7507	-0.009688
4.54933	81.6091	81.8826	676.512	734.129	-0.008152	3.00812	30.8	-0.012813
4.55033	81.6091	81.8826	675.827	733.31	-0.012228	2.60531	30.8	-0.010938
4.55133	81.4724	82.1561	676.512	733.036	-0.012228	2.25656	30.5633	-0.013438
4.55233	81.7458	81.8826	676.969	733.173	-0.016304	1.95156	30.852	-0.010625
4.55333	80.7888	82.1561	676.398	732.763	-0.004076	1.68719	30.5039	-0.012813
4.55433	81.1989	81.8826	676.741	733.719	-0.004076	1.45875	30.7507	-0.013438
4.55533	81.0622	82.1561	676.741	733.583	0.016304	1.25875	30.7507	-0.010938
4.55633	81.3356	82.2928	676.512	733.31	-0.004076	1.08969	30.9481	-0.010938

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4.55733	81.3356	81.8826	676.17	733.036	-0.004076	0.935625	30.8987	-0.011875
4.55833	81.3356	82.0193	676.741	732.49	0.024456	0.804688	30.8494	-0.013125
4.55933	80.5153	81.8826	676.512	733.036	-0.004076	0.692187	30.9481	-0.011875
4.56033	81.1989	81.6091	676.512	733.31	-0.02038	0.594687	30.7507	-0.012813
4.56133	81.3356	82.1561	676.512	733.856	0.02038	0.510938	30.7507	-0.012813
4.56233	81.0622	82.703	676.512	732.354	-0.008152	0.439687	30.7507	-0.014375
4.56333	81.3356	82.0193	676.055	733.036	-0.02038	0.374062	30.652	-0.011563
4.56433	81.3356	81.8826	676.055	732.49	-0.016304	0.322187	30.652	-0.013125
4.56533	82.0193	81.8826	676.055	733.31	-0.004076	0.277812	31.1454	-0.012813
4.56633	81.3356	82.1561	676.056	732.763	-0.004076	0.237187	30.3559	-0.0125
4.56733	81.1989	82.1561	675.142	732.763	-0.004076	0.205312	30.8494	-0.012813
4.56833	81.3356	82.4295	676.056	731.534	-0.008152	0.175625	30.7507	-0.011563
4.56933	81.0622	82.1561	676.056	732.217	0.028532	0.14675	30.9481	-0.013438
4.57033	81.3356	82.1561	676.284	731.944	-0.004076	0.125625	30.7507	-0.012188
4.57133	81.1989	82.0193	676.055	732.49	-0.004076	0.108438	30.7507	-0.011563
4.57233	81.3356	81.8826	676.284	732.9	-0.004076	0.094063	30.7013	-0.010313
4.57333	81.6091	81.8826	675.827	732.49	-0.004076	0.080938	30.7507	-0.011875
4.57433	81.4724	81.8826	676.741	732.49	-0.004076	0.068125	30.7507	-0.009063
4.57533	81.7458	82.1561	675.599	731.944	-0.004076	0.059688	30.652	-0.015313
4.57633	81.3356	82.1561	676.056	732.49	-0.004076	0.0525	30.8494	-0.012188
4.57733	81.3356	82.4295	675.827	731.944	-0.004076	0.042813	30.8494	-0.012813
4.57833	81.3356	82.0193	676.056	732.763	-0.004076	0.040938	30.7507	-0.01125
4.57933	81.3356	82.1561	676.284	732.627	-0.004076	0.031875	30.7507	-0.012188
4.58033	81.3356	82.0193	676.055	732.49	-0.004076	0.028125	30.8494	-0.010938
4.58133	80.5153	82.4295	675.827	732.354	-0.004076	0.024063	30.7507	-0.012813
4.58233	81.3356	82.1561	676.055	732.217	-0.008152	0.019688	30.8987	-0.012188
4.58333	81.3356	82.1561	676.055	733.036	-0.004076	0.016125	30.8987	-0.012188
4.58433	81.3356	82.4295	675.827	731.124	-0.004076	0.015938	30.9974	-0.011875
4.58533	81.3356	82.2928	676.055	732.217	-0.004076	0.012813	30.8494	-0.011563
4.58633	81.1989	82.4295	675.599	732.217	-0.004076	0.010625	30.9481	-0.012813
4.58733	81.4724	82.2928	675.142	731.944	-0.004076	0.010938	31.1454	-0.012813
4.58833	81.3356	82.1561	675.37	732.354	-0.004076	0.009063	31.0961	-0.010938
4.58933	82.0193	81.8826	676.055	731.944	-0.004076	0.009688	30.9974	-0.010625
4.59033	81.3356	82.1561	675.37	731.671	-0.004076	0.0075	31.0467	-0.012813
4.59133	80.7888	82.1561	676.284	731.944	-0.004076	0.005625	31.0961	-0.011563
4.59233	81.4724	82.2928	675.941	731.398	0.036685	0.004063	31.1454	-0.011563
4.59333	81.3356	81.6091	675.599	731.398	-0.004076	0.004375	31.0467	-0.013438
4.59433	81.4724	81.8826	676.056	732.354	-0.004076	0.004375	31.1454	-0.012188
4.59533	81.6091	82.1561	675.142	730.851	-0.012228	0.001563	31.2935	-0.012813
4.59633	81.3356	82.1561	676.512	730.851	-0.004076	0.003125	30.9974	-0.009688
4.59733	82.0193	81.8826	675.142	731.807	-0.004076	0.002188	30.8494	-0.012188
4.59833	81.3356	82.1561	675.713	730.988	-0.004076	0.003125	31.4415	-0.010938
4.59933	81.6091	81.6091	676.027	730.715	-0.004076	0.001875	31.2441	-0.012813
4.60033	81.4724	81.8826	675.142	731.124	-0.004076	0.002813	31.2441	-0.012188
4.60133	81.3356	82.1561	675.37	731.944	-0.004076	-0.000313	31.1454	-0.013438
4.60233	81.0622	82.0193	675.484	731.534	-0.004076	-0.000313	31.1454	-0.013438
4.60333	81.3356	81.7458	675.484	730.851	0.044837	-0.000313	31.2441	-0.012188
4.60433	81.0622	81.6091	675.599	731.398	-0.004076	-0.000313	31.4415	-0.011563
4.60533	81.1989	82.1561	675.142	731.398	-0.004076	-0.000313	31.0961	-0.010938

4.60633	81.6091	82.0193	675.027	731.261	-0.016304	-0.000938	31.3428	-0.010625
4.60733	81.3356	82.2928	676.284	731.124	-0.008152	-0.000313	31.3428	-0.01125
4.60833	81.8826	82.1561	674.685	730.851	-0.004076	-0.000938	31.5895	-0.013438
4.60933	81.3356	81.8826	675.142	731.124	-0.004076	-0.000313	32.083	-0.011563
4.61033	81.7458	81.8826	676.256	731.398	-0.004076	-0.000625	31.3922	-0.012188
4.61133	81.6091	82.1561	675.142	730.305	-0.004076	-0.00125	31.2441	-0.013125
4.61233	81.8826	82.0193	675.37	731.261	-0.004076	-0.000313	31.5402	-0.012188
4.61333	81.6091	82.1561	676.599	730.988	0.02038	-0.001563	31.4908	-0.012188
4.61433	81.3356	82.4295	676.599	730.715	-0.004076	-0.001563	31.6389	-0.012188
4.61533	81.6091	82.1561	675.599	730.305	-0.004076	-0.00125	31.5402	-0.012813
4.61633	81.8826	82.0193	675.142	730.851	-0.004076	-0.002813	31.5402	-0.010938
4.61733	81.1989	82.1561	675.027	729.758	-0.004076	-0.003125	31.5402	-0.010938
4.61833	81.3356	82.2928	676.599	729.758	-0.004076	-0.003438	31.5895	-0.009688
4.61933	81.3356	82.1561	675.37	730.441	-0.004076	-0.003125	31.6389	-0.013125
4.62033	81.4724	82.0193	675.142	730.305	-0.008152	-0.002188	31.5402	-0.012813
4.62133	81.3356	81.8826	674.228	730.168	-0.004076	-0.001875	31.8363	-0.012188
4.62233	81.3356	82.0193	675.142	729.758	-0.004076	-0.000313	31.5402	-0.011875
4.62333	80.7686	82.1561	675.027	730.305	-0.004076	-0.002188	31.5402	-0.012188
4.62433	81.4724	82.1561	675.027	730.578	-0.004076	-0.003438	31.7376	-0.012813
4.62533	81.0622	82.0193	674.913	730.851	0.036685	-0.001563	31.7869	-0.012188
4.62633	81.8826	82.1561	674.799	729.758	-0.012228	-0.002813	31.7869	-0.011875
4.62733	81.1989	82.0193	674.685	730.441	-0.004076	-0.004688	31.3922	-0.011563
4.62833	80.9255	82.1561	674.685	730.988	-0.004076	-0.003438	31.9349	-0.011563
4.62933	81.3356	81.8826	675.827	730.032	-0.004076	-0.003125	31.6882	-0.010313
4.63033	80.7686	81.8826	675.142	729.758	-0.008152	-0.001875	31.6389	-0.01375
4.63133	81.6091	81.8826	674.799	729.758	-0.004076	-0.002813	32.231	-0.01125
4.63233	80.9255	82.2928	674.685	730.168	-0.004076	-0.002188	31.9349	-0.010938
4.63333	81.3356	82.1561	675.027	730.032	-0.004076	-0.002813	31.9349	-0.012188
4.63433	81.0622	82.1561	674.685	730.305	-0.004076	-0.002813	31.9349	-0.012813
4.63533	81.0622	82.1561	675.142	730.578	-0.004076	-0.004375	31.9349	-0.013125
4.63633	81.3356	82.0193	674.228	730.305	-0.004076	-0.002813	32.0336	-0.011563
4.63733	81.8826	81.8826	675.142	730.168	-0.004076	-0.003438	32.083	-0.01125
4.63833	81.6091	82.4295	675.142	730.851	-0.012228	-0.003125	32.1323	-0.010313
4.63933	81.3356	81.8826	674.685	730.168	0.02038	-0.002813	31.9349	-0.012188
4.64033	81.3356	81.8826	674.913	730.168	-0.004076	-0.004063	32.231	-0.01
4.64133	80.7686	82.2928	674.57	729.485	-0.004076	-0.004063	32.1323	-0.012188
4.64233	80.6621	82.0193	674.57	730.578	-0.004076	-0.004063	32.4284	-0.012813
4.64333	81.6091	81.8826	674.57	729.758	-0.004076	-0.004063	32.1817	-0.013438
4.64433	81.4724	82.0193	674.913	730.305	-0.004076	-0.004688	32.1817	-0.011875
4.64533	81.3356	82.0193	675.027	730.578	-0.004076	-0.002813	32.4777	-0.010938
4.64633	81.1989	81.8826	674.456	730.305	-0.004076	-0.003438	32.3297	-0.013438
4.64733	81.3356	82.0193	674.456	729.758	0.036685	-0.005313	32.1323	-0.013438
4.64833	81.4724	82.0193	674.685	729.485	-0.004076	-0.005313	32.1323	-0.012188
4.64933	81.3356	82.1561	674.456	730.578	-0.004076	-0.004375	32.1817	-0.011563
4.65033	81.1989	82.4295	674.456	729.485	-0.004076	-0.005313	32.2804	-0.0125
4.65133	81.3356	82.1561	674.57	729.349	-0.004076	-0.005313	32.3297	-0.009688
4.65233	81.4724	82.2928	674.228	729.758	-0.02038	-0.005313	32.2804	-0.014063
4.65334	81.4724	82.0193	674.228	730.032	-0.004076	-0.003125	32.7245	-0.0125
4.65434	81.3356	82.2928	674.913	729.758	-0.012228	-0.003125	32.4284	-0.011875

4.65534	81.0622	82.1561	674.228	729.758	-0.004076	-0.00375	32.4284	-0.012188
4.65634	81.3356	82.2928	674.228	729.758	-0.004076	-0.001563	32.4777	-0.010625
4.65734	81.3356	82.1561	675.142	730.305	-0.004076	-0.003438	32.379	-0.011563
4.65834	81.6091	82.1561	674.57	730.032	0.028532	-0.004063	32.4284	-0.013125
4.65934	81.3356	82.4295	674.456	730.032	-0.024456	-0.004375	32.379	-0.013438
4.66034	80.7888	81.8826	674.228	730.168	-0.004076	-0.005938	32.3297	-0.0125
4.66134	81.3356	82.4295	674.456	729.076	-0.004076	-0.004063	32.4284	-0.010625
4.66234	81.8826	81.8826	675.37	730.305	-0.004076	-0.003438	32.5764	-0.010313
4.66334	81.4724	81.8826	674.799	729.758	-0.004076	-0.00375	32.4284	-0.012813
4.66434	80.7888	81.8826	674.228	730.305	-0.004076	-0.00375	32.6751	-0.013125
4.66534	81.4724	82.0193	674.114	729.622	-0.004076	-0.004063	32.5784	-0.012813
4.66634	81.3356	81.8826	673.657	729.758	0.024456	-0.005	32.7245	-0.013438
4.66734	81.7458	81.8826	674.456	730.305	-0.004076	-0.002813	32.7245	-0.012813
4.66834	81.4724	81.8826	673.999	729.758	-0.004076	-0.006563	32.5764	-0.012813
4.66934	81.1989	81.3356	674.456	729.758	0.052989	-0.00376	32.6761	-0.011876
4.67034	81.3356	81.8826	674.685	729.485	-0.004076	-0.004688	32.8726	-0.010938
4.67134	82.0193	82.2928	674.228	729.758	-0.004076	-0.004063	32.7245	-0.012813
4.67234	81.3356	81.8826	673.771	729.485	-0.004076	-0.005938	32.7245	-0.010625
4.67334	81.3356	82.1561	675.827	730.168	-0.004076	-0.005938	32.7245	-0.009375
4.67434	82.1561	82.0193	674.228	730.305	-0.008152	-0.006563	32.6258	-0.014063
4.67534	81.3356	81.8826	673.543	729.485	-0.012228	-0.006563	32.9218	-0.012813
4.67634	81.6091	81.6091	674.57	730.032	-0.004076	-0.005313	32.7246	-0.014063
4.67734	81.3356	82.5663	674.456	729.758	-0.004076	-0.005313	32.7246	-0.012188
4.67834	81.4724	81.8826	673.885	730.305	0.02039	-0.000938	32.6751	-0.011563
4.67934	81.3356	81.3356	674.228	730.441	-0.008152	-0.005313	32.7245	-0.012188
4.68034	81.6091	81.8826	674.228	729.758	0.044837	-0.005313	32.7245	-0.0125
4.68134	81.6091	81.8826	674.228	730.715	-0.008152	-0.005625	32.4777	-0.013438
4.68234	81.3356	82.4295	674.456	730.168	-0.004076	-0.005938	32.4284	-0.012188
4.68334	81.4724	82.1561	674.57	729.212	-0.004076	-0.004688	32.7246	-0.009688
4.68434	80.7888	82.0193	674.57	729.758	-0.004076	-0.005625	32.6258	-0.014063
4.68534	81.8826	81.8826	674.799	729.485	-0.024456	-0.005313	32.5271	-0.010938
4.68634	81.3356	81.8826	674.114	729.758	-0.004076	-0.004688	32.9712	-0.011875
4.68734	81.6091	82.1561	674.228	729.758	-0.004076	-0.00375	32.9712	-0.010625
4.68834	82.0193	81.8826	674.228	729.758	-0.004076	-0.004375	33.0206	-0.011563
4.68934	80.7888	82.1561	674.685	730.715	0.024456	-0.003438	32.8725	-0.0125
4.69034	81.6091	82.0193	674.228	729.758	-0.004076	-0.005938	32.6751	-0.010938
4.69134	81.3356	82.2928	674.685	729.622	0.040761	-0.005313	32.8725	-0.012813
4.69234	81.3356	82.1561	673.771	730.305	0.016304	-0.00625	32.9712	-0.013438
4.69334	80.7888	82.0193	674.456	729.622	-0.004076	-0.005625	32.9712	-0.012813
4.69434	81.3356	81.8826	674.114	729.758	-0.004076	-0.004688	32.8232	-0.012188
4.69534	81.6091	82.1561	674.228	729.758	-0.008152	-0.005313	32.7245	-0.010313
4.69634	81.6091	81.8826	674.228	729.758	-0.004076	-0.005625	32.6258	-0.01375
4.69734	81.3356	82.1561	673.999	729.485	-0.004076	-0.005313	32.6751	-0.013438
4.69834	81.1989	82.703	674.228	729.758	-0.004076	-0.004375	33.1192	-0.010625
4.69934	81.7458	82.0193	674.456	730.305	-0.012228	-0.00376	32.6258	-0.010625
4.70034	81.7458	82.0193	674.228	730.032	-0.004076	-0.003125	32.6258	-0.01375
4.70134	81.6091	81.8826	674.456	730.441	-0.004076	-0.005313	32.5764	-0.012813
4.70234	81.6091	82.1561	674.228	729.758	-0.004076	-0.005938	32.5271	-0.012188
4.70334	81.6091	82.0193	674.57	730.032	-0.004076	-0.004063	32.5784	-0.01125

4.70434	81.6091	81.8826	673.771	729.758	-0.012228	-0.006625	32.6258	-0.011875
4.70534	81.3356	82.0193	673.771	729.212	-0.02038	-0.005313	32.6751	-0.010938
4.70634	82.1561	81.8826	674.228	730.168	-0.004076	-0.006313	32.379	-0.011875
4.70734	81.0622	82.1561	674.114	729.212	-0.02038	-0.006563	32.3297	-0.012813
4.70834	81.6091	81.8826	673.999	729.485	-0.004076	-0.005938	32.3297	-0.013438
4.70934	80.9255	82.1561	674.114	729.349	-0.004076	-0.006875	32.7246	-0.013438
4.71034	81.3356	82.0193	673.999	729.758	-0.004076	-0.006625	32.6258	-0.011563
4.71134	82.0193	82.0193	674.228	729.622	0.028532	-0.000938	32.6258	-0.011875
4.71234	81.3356	82.1561	674.228	730.168	-0.004076	-0.006625	32.5271	-0.01125
4.71334	81.4724	82.1561	673.885	729.758	0.044837	-0.005313	32.5271	-0.011563
4.71434	81.6091	81.6091	674.228	729.485	-0.004076	-0.005625	32.5271	-0.011563
4.71534	81.3356	82.1561	674.456	729.758	-0.004076	-0.004375	32.4777	-0.012188
4.71634	81.6091	82.1561	673.999	730.032	-0.004076	-0.005625	32.5271	-0.014688
4.71734	81.8826	82.0193	673.999	729.622	-0.02038	-0.006563	32.3297	-0.010625
4.71834	81.6091	82.0193	674.228	729.349	-0.02038	-0.006563	32.3297	-0.014688
4.71934	80.6521	82.1561	674.456	729.622	-0.004076	-0.004375	32.6751	-0.012813
4.72034	81.3356	81.6091	673.999	729.622	-0.004076	-0.006563	32.9218	-0.010938
4.72134	81.3356	82.1561	673.771	729.485	-0.004076	-0.004375	32.3297	-0.01125
4.72234	81.0622	82.1561	673.999	729.758	-0.004076	-0.000938	32.5764	-0.011563
4.72334	81.4724	82.0193	674.456	729.758	-0.004076	-0.005313	32.4284	-0.0125
4.72434	81.3356	82.1561	674.685	729.758	0.061141	-0.004375	32.4284	-0.011563
4.72534	81.3356	82.2928	674.228	730.305	-0.008152	-0.005313	32.5271	-0.013438
4.72634	81.1989	81.8826	673.999	730.851	-0.004076	-0.005625	32.3297	-0.011563
4.72734	81.3356	81.7458	674.114	729.758	-0.004076	-0.00625	32.231	-0.0125
4.72834	81.1989	82.4295	674.228	729.485	-0.004076	-0.005313	32.083	-0.0125
4.72934	81.3356	82.2928	673.771	728.666	-0.052989	-0.009688	31.7376	-0.014063
4.73034	80.7888	82.1561	674.114	729.349	-0.008152	-0.005938	31.8856	-0.012813
4.73134	81.4724	82.4295	674.57	730.305	-0.004076	-0.005313	32.5271	-0.012188
4.73234	81.1989	82.4295	673.771	730.032	-0.004076	-0.006563	31.9349	-0.013125
4.73334	81.6091	82.1561	674.228	729.758	-0.004076	-0.003125	32.4284	-0.013125
4.73434	81.3356	82.1561	674.228	730.032	-0.004076	-0.004063	32.2804	-0.01125
4.73534	81.3356	82.1561	674.114	729.486	-0.004076	-0.006625	32.2804	-0.013125
4.73634	81.3356	81.8826	674.57	730.032	-0.004076	-0.006313	32.1323	-0.012813
4.73734	81.6091	81.8826	674.456	729.485	-0.004076	-0.005313	32.0336	-0.012188
4.73834	81.6091	81.6091	674.685	729.622	-0.004076	-0.004375	32.083	-0.010625
4.73934	81.8826	81.3356	673.771	728.939	-0.004076	-0.0075	32.1323	-0.010313
4.74034	81.8826	82.0193	673.999	728.393	-0.024456	-0.007813	31.9349	-0.013438
4.74134	80.9255	82.0193	673.314	729.485	-0.016304	-0.006875	32.1817	-0.013438
4.74234	81.4724	81.8826	674.685	729.485	-0.004076	-0.005313	32.6258	-0.012188
4.74334	81.6091	82.1561	674.228	729.758	-0.004076	-0.005625	31.8856	-0.012188
4.74434	81.6091	82.1561	673.543	729.758	-0.004076	-0.005313	32.231	-0.010938
4.74534	81.6091	82.0193	674.228	729.212	-0.004076	-0.005313	32.1323	-0.0125
4.74634	81.6091	82.0193	674.228	729.895	0.040761	-0.005938	32.4284	-0.011875
4.74734	81.8826	81.8826	673.314	729.485	-0.024456	-0.007188	31.9349	-0.01125
4.74834	81.7458	82.1561	674.228	730.578	-0.004076	-0.004063	32.0336	-0.011875
4.74934	81.4724	81.8826	674.228	729.758	-0.004076	-0.006563	32.1323	-0.0125
4.75034	81.6091	81.7458	674.114	729.758	-0.004076	-0.005313	31.9843	-0.013125
4.75134	82.2928	82.1561	673.771	728.666	-0.036685	-0.009063	31.4415	-0.012813
4.75234	81.3356	82.0193	673.999	729.212	-0.012228	-0.007813	31.5896	-0.012813

4.75334	81.6091	82.1561	673.885	729.758	-0.004076	-0.004688	31.9349	-0.012188
4.75434	81.3356	81.8826	674.228	729.485	-0.004076	-0.005313	31.9349	-0.011563
4.75534	81.3356	82.1561	674.685	730.305	-0.004076	-0.002813	31.9349	-0.010938
4.75634	81.3356	82.4295	674.228	730.032	-0.004076	-0.004063	31.7376	-0.010313
4.75734	80.7888	82.0193	674.456	729.758	-0.004076	-0.005625	31.7376	-0.012813
4.75834	81.3356	81.3356	673.999	729.758	-0.004076	-0.007188	31.7376	-0.014063
4.75934	81.0622	82.1561	673.999	728.666	-0.004076	-0.00625	31.7376	-0.011875
4.76034	81.3356	82.1561	674.114	730.305	-0.004076	-0.006875	31.8856	-0.011875
4.76134	81.4724	81.8826	674.228	729.212	-0.012228	-0.005938	31.9349	-0.01125
4.76234	81.3356	81.8826	674.228	727.983	-0.057065	-0.010313	31.1454	-0.014063
4.76334	81.1989	81.8826	674.114	729.212	-0.004076	-0.005938	31.4415	-0.013125
4.76434	81.6091	82.5663	674.685	729.485	-0.012228	-0.005625	32.1323	-0.011563
4.76534	81.6091	82.1561	673.657	729.758	-0.004076	-0.003438	31.5895	-0.012188
4.76634	81.4724	81.6091	674.799	730.305	-0.004076	-0.004688	31.6389	-0.011563
4.76734	81.6091	82.0193	674.685	729.758	-0.004076	-0.006563	31.8363	-0.012813
4.76834	81.3356	82.4295	674.228	730.168	0.040761	-0.005313	31.8363	-0.012188
4.76934	80.9255	81.8826	673.999	729.758	-0.004076	-0.005313	31.5402	-0.010625
4.77034	81.3356	82.2928	673.999	729.758	-0.004076	-0.005313	31.5402	-0.012188
4.77134	81.3356	82.703	674.114	729.758	-0.004076	-0.006563	31.3922	-0.0125
4.77234	81.3356	81.3356	674.228	729.212	-0.012228	-0.005313	31.5402	-0.010625
4.77334	81.6091	81.3356	674.685	729.349	-0.004076	-0.006563	31.4415	-0.011563
4.77434	81.7458	82.1561	674.114	729.076	-0.004076	-0.006563	31.5402	-0.014375
4.77534	81.7458	81.7458	674.456	729.622	-0.004076	-0.006563	32.083	-0.012813
4.77634	81.7458	81.8826	674.228	729.758	-0.004076	-0.004688	31.2935	-0.011563
4.77734	81.8826	81.7458	674.114	729.758	-0.004076	-0.002188	31.2935	-0.012813
4.77834	81.4724	82.1561	674.228	730.715	0.028532	-0.005938	31.2441	-0.010938
4.77934	81.3356	81.8826	674.456	729.758	-0.004076	-0.005313	31.2441	-0.012188
4.78034	81.3356	81.8826	673.999	729.758	0.028532	-0.005625	31.3428	-0.012188
4.78134	80.9255	82.1561	674.228	730.305	-0.008152	-0.005625	31.3428	-0.011563
4.78234	81.7458	81.3356	673.999	730.441	-0.004076	-0.007188	31.1454	-0.012188
4.78334	81.7458	81.8826	674.228	729.758	-0.004076	-0.005938	31.2441	-0.012813
4.78434	81.6091	81.7458	674.228	729.349	-0.016304	-0.008125	30.9481	-0.011875
4.78534	81.6091	82.4295	673.771	729.485	-0.004076	-0.00625	31.2441	-0.012813
4.78634	81.6091	81.8826	674.228	729.622	-0.004076	-0.005938	31.8856	-0.011563
4.78734	81.6091	82.0193	673.314	729.758	-0.004076	-0.005313	31.2935	-0.012188
4.78834	81.6091	81.7458	674.228	729.485	-0.004076	-0.003125	31.1454	-0.011875
4.78934	81.7458	81.8826	674.114	729.622	-0.004076	-0.007188	31.1454	-0.010313
4.79034	81.8826	81.6091	674.228	729.758	0.02038	-0.005938	31.0961	-0.011875
4.79134	81.8826	82.2928	674.685	730.305	-0.004076	-0.006563	31.0961	-0.012813
4.79235	82.0193	82.0193	674.685	730.715	-0.004076	-0.00625	30.9481	-0.011875
4.79335	82.0193	82.1561	674.228	730.861	-0.004076	-0.005625	31.0961	-0.010313
4.79435	82.0193	82.1561	674.228	729.212	-0.036685	-0.005313	31.1454	-0.010313
4.79535	81.4724	82.2928	674.685	729.485	-0.004076	-0.004063	31.2441	-0.011563
4.79635	81.6091	82.1561	673.999	729.485	-0.008152	-0.005938	31.1454	-0.013438
4.79735	81.4724	82.1561	674.228	730.305	-0.004076	-0.005938	31.4908	-0.011563
4.79835	81.1989	82.4295	674.114	729.622	-0.004076	-0.007188	31.1454	-0.012813
4.79935	81.6091	82.0193	673.657	729.485	-0.004076	-0.005625	31.0467	-0.012813
4.80035	81.4724	81.7458	673.771	729.758	-0.004076	-0.005313	30.9481	-0.013125
4.80135	81.3356	81.7458	673.999	730.032	0.016304	-0.006563	30.8494	-0.010625

4.80235	81.6091	81.7458	674.228	729.212	-0.004076	-0.006563	30.9481	-0.012188
4.80335	81.3356	82.1561	673.999	729.212	-0.004076	-0.005938	30.8	-0.012813
4.80435	81.4724	82.2928	674.228	730.032	-0.004076	-0.006563	30.8494	-0.011563
4.80535	81.1989	81.8826	674.114	728.939	0.02038	-0.005938	30.8494	-0.010938
4.80635	81.4724	82.2928	674.685	729.212	-0.008152	-0.007188	30.7507	-0.010625
4.80735	81.4724	81.8826	673.543	729.076	-0.012228	-0.005313	30.7013	-0.013438
4.80835	81.3356	81.8826	674.228	730.032	0.02038	-0.004375	30.8	-0.012188
4.80935	81.6091	82.4295	674.685	730.032	-0.004076	-0.004063	30.7507	-0.012188
4.81035	81.1989	82.2928	674.228	729.758	-0.004076	-0.001563	30.6026	-0.010625
4.81135	81.3356	82.0193	674.913	729.758	-0.004076	-0.005313	30.652	-0.013438
4.81235	81.3356	81.6091	673.543	729.349	0.028532	-0.006563	30.5533	-0.01125
4.81335	81.7458	82.1561	674.456	729.622	-0.004076	-0.005938	30.652	-0.013438
4.81435	81.7458	81.8826	674.228	729.758	-0.004076	-0.005938	30.5533	-0.014688
4.81535	81.0622	82.1561	674.228	730.715	-0.004076	-0.007188	30.5533	-0.011563
4.81635	81.8826	82.2928	674.228	728.939	-0.004076	-0.008125	30.3559	-0.012188
4.81735	81.1989	82.1561	674.228	729.212	-0.004076	-0.005938	30.4053	-0.011563
4.81835	81.6091	81.8826	673.428	728.666	-0.012228	-0.008125	30.3559	-0.014063
4.81935	81.6091	81.8826	674.799	729.622	-0.004076	-0.004063	30.652	-0.012188
4.82035	81.7458	81.7458	673.771	729.758	0.024456	-0.005625	30.3559	-0.013125
4.82135	81.7458	82.1561	674.799	730.305	-0.004076	-0.005313	30.1585	-0.013125
4.82235	82.0193	82.0193	674.228	729.485	0.02038	-0.00375	30.4546	-0.010313
4.82335	81.3356	82.1561	673.999	729.076	-0.004076	-0.005938	30.5533	-0.011563
4.82435	81.8826	81.8826	674.685	729.485	-0.004076	-0.005938	30.4546	-0.010938
4.82535	81.6091	81.3356	674.456	729.485	-0.004076	-0.005938	30.3066	-0.013125
4.82635	81.6091	82.1561	674.685	730.576	-0.004076	-0.005938	30.0598	-0.010938
4.82735	81.6091	81.6091	674.114	728.939	-0.004076	-0.005625	30.5533	-0.012188
4.82835	81.4724	82.1561	673.771	728.12	-0.016304	-0.006875	30.1585	-0.01
4.82935	81.8826	82.1561	673.314	728.666	-0.008152	-0.005313	30.2572	-0.01375
4.83035	81.6091	81.8826	673.2	729.485	-0.004076	-0.005313	30.3559	-0.013125
4.83135	81.4724	82.4295	674.114	729.349	-0.004076	-0.004688	29.8625	-0.014063
4.83235	81.7458	82.0193	674.913	729.485	-0.004076	-0.003125	30.2572	-0.012188
4.83335	81.6091	81.8826	674.228	729.212	-0.004076	-0.005938	30.2079	-0.011563
4.83435	81.6091	82.1561	673.771	728.529	-0.004076	-0.007813	29.9612	-0.011563
4.83535	81.0622	82.1561	674.57	728.802	0.028532	-0.004063	30.1585	-0.010938
4.83635	81.4724	81.4724	674.228	728.666	-0.036585	-0.006563	29.8625	-0.012813
4.83735	81.3356	82.0193	674.228	730.305	-0.004076	-0.005938	30.0105	-0.013438
4.83835	81.4724	82.1561	674.114	728.629	-0.004076	-0.007188	29.8625	-0.010625
4.83935	81.3356	82.0193	675.142	728.939	-0.004076	-0.006563	29.9612	-0.007188
4.84035	82.1561	81.8826	673.999	728.12	-0.004076	-0.006563	29.5664	-0.015313
4.84135	81.6091	82.1561	674.228	728.529	-0.004076	-0.005938	29.9118	-0.012188
4.84235	81.1989	82.0193	674.114	728.393	-0.004076	-0.005625	29.8625	-0.011875
4.84335	81.6091	81.8826	674.228	728.666	-0.004076	-0.004688	29.9612	-0.01125
4.84435	81.0622	82.0193	674.228	728.666	-0.004076	-0.005	30.0598	-0.011875
4.84535	81.6091	82.1561	674.456	729.758	0.028532	-0.005313	29.7144	-0.011875
4.84635	81.7458	82.1561	674.228	728.12	-0.004076	-0.005938	29.9612	-0.010938
4.84735	81.6091	81.8826	674.228	727.983	-0.02038	-0.005313	29.7638	-0.012813
4.84835	81.7458	81.7458	674.114	729.212	-0.004076	-0.007813	29.5664	-0.013438
4.84935	81.3356	82.0193	674.685	727.437	-0.004076	-0.004375	29.7144	-0.011563
4.85035	81.6091	81.8826	674.456	727.846	-0.004076	-0.005938	29.5664	-0.01125

4.85135	82.2928	82.0193	674.228	727.846	-0.004076	-0.006563	29.5171	-0.012188
4.85235	81.8826	81.8826	674.456	727.573	-0.004076	-0.005625	29.7638	-0.012188
4.85335	81.6091	82.2928	674.456	727.437	-0.004076	-0.005313	29.5664	-0.012813
4.85435	81.4724	81.6091	674.114	727.573	0.028532	-0.004688	29.7638	-0.010313
4.85535	81.6091	82.4295	673.999	727.3	-0.004076	-0.007188	29.5171	-0.012813
4.85635	81.6091	82.1561	673.771	727.163	-0.004076	-0.007188	29.4677	-0.012188
4.85735	82.1561	82.0193	673.885	727.3	-0.004076	-0.007188	29.5664	-0.009688
4.85835	81.6091	82.1561	674.228	726.344	-0.004076	-0.006875	29.5171	-0.012813
4.85935	81.7458	81.8826	673.885	726.256	-0.004076	-0.006875	29.3197	-0.010625
4.86035	81.6091	82.4295	673.999	726.481	-0.008152	-0.005625	29.2703	-0.012813
4.86135	81.6091	82.0193	675.37	726.754	-0.004076	-0.005313	29.1716	-0.009376
4.86235	81.4724	82.4295	673.989	726.207	-0.004076	-0.006563	29.4184	-0.013125
4.86335	81.6091	81.7458	673.999	725.934	-0.004076	-0.007188	29.4184	-0.012813
4.86435	81.8826	82.0193	674.114	726.207	-0.004076	-0.006563	29.4677	-0.013125
4.86535	81.6091	81.8826	674.456	726.344	-0.004076	-0.005938	29.0236	-0.012813
4.86635	81.4724	82.4295	674.228	725.934	-0.004076	-0.003438	29.2703	-0.012813
4.86735	81.6091	82.2928	673.989	726.754	-0.004076	-0.007188	29.073	-0.011563
4.86835	81.8826	82.4295	674.685	726.754	0.028532	-0.005625	29.1716	-0.012188
4.86935	81.0622	82.2928	673.771	725.115	-0.02038	-0.005938	29.369	-0.011875
4.87035	81.7458	82.1561	674.228	726.89	-0.004076	-0.005938	29.1716	-0.010938
4.87135	81.7458	82.4295	673.771	724.842	-0.012228	-0.004376	29.073	-0.012188
4.87235	81.6091	82.1561	674.456	724.159	-0.004076	-0.006563	29.1716	-0.010313
4.87335	82.0193	82.2928	674.57	724.295	-0.004076	-0.008438	29.1716	-0.012188
4.87435	81.8826	82.4295	673.885	725.115	-0.004076	-0.00375	28.9249	-0.012813
4.87535	81.6091	82.1561	673.999	724.295	-0.004076	-0.006875	28.6782	-0.012188
4.87635	81.6091	81.3356	673.999	724.706	-0.004076	-0.005313	29.1223	-0.011875
4.87735	81.6091	81.7458	673.314	724.022	-0.004076	-0.007188	28.9249	-0.0125
4.87835	81.8826	82.1561	674.228	723.885	-0.02038	-0.007813	28.9743	-0.014063
4.87935	81.3356	82.1561	673.999	723.749	0.061141	-0.005313	29.1716	-0.012188
4.88035	81.6091	81.6091	674.456	723.476	-0.008152	-0.006876	28.7275	-0.011875
4.88135	81.6091	81.4724	673.771	723.885	-0.004076	-0.007813	28.9743	-0.012813
4.88235	82.1561	81.8826	673.999	723.612	-0.004076	-0.007813	28.5795	-0.012188
4.88335	81.8826	82.1561	675.142	722.666	-0.028532	-0.006875	28.9249	-0.009063
4.88435	81.8826	82.2928	673.543	722.11	0.02038	-0.00625	28.7275	-0.014063
4.88535	81.6091	81.8826	674.228	722.929	-0.004076	-0.005313	28.6289	-0.012188
4.88635	81.6091	82.4295	674.228	722.383	0.02038	-0.005625	29.073	-0.012188
4.88735	81.3356	82.1561	674.228	722.11	-0.004076	-0.00625	28.8262	-0.012813
4.88835	81.7458	82.1561	673.885	721.7	-0.004076	-0.004063	28.8766	-0.01125
4.88935	81.6091	81.8826	674.114	722.929	0.036685	-0.006563	28.6782	-0.010938
4.89035	81.0622	82.1561	674.57	722.11	0.040761	-0.007188	28.5302	-0.01125
4.89135	81.0622	82.1561	674.228	721.973	-0.008152	-0.005313	28.6289	-0.012188
4.89235	82.1561	82.1561	673.657	721.973	-0.004076	-0.006875	28.6782	-0.010938
4.89335	81.4724	82.1561	674.228	721.017	-0.004076	-0.007813	28.4808	-0.0125
4.89435	81.6091	82.0193	674.114	721.017	-0.004076	-0.005938	28.3821	-0.011563
4.89535	81.7458	82.0193	674.685	719.925	-0.004076	-0.006875	28.7275	-0.012813
4.89635	81.0622	82.0193	674.228	720.196	-0.004076	-0.005625	29.073	-0.013125
4.89735	82.0193	82.0193	674.456	720.334	-0.004076	-0.006875	28.4808	-0.013438
4.89835	81.8826	82.4295	674.114	720.198	-0.004076	-0.004063	28.5795	-0.012188
4.89935	81.6091	81.8826	674.456	720.471	0.032609	-0.00375	28.5795	-0.010938

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4.90035	82.4295	82.1561	673.771	720.198	-0.004076	-0.005313	28.3328	-0.012813
4.90135	81.6091	81.8826	673.999	719.925	0.044837	-0.005313	28.4315	-0.012188
4.90235	81.1989	82.0193	673.885	720.198	-0.004076	-0.006875	28.4808	-0.012813
4.90335	81.1989	81.8826	673.999	719.242	-0.004076	-0.005938	28.3328	-0.012813
4.90435	81.0622	82.2928	673.999	718.832	-0.004076	-0.007813	28.3328	-0.010938
4.90635	82.4295	82.2928	674.57	718.559	-0.004076	-0.005313	28.5302	-0.010313
4.90635	82.0193	81.8826	673.543	717.739	-0.004076	-0.007813	27.9874	-0.012813
4.90735	81.8826	81.8826	673.885	718.149	-0.02038	-0.006563	28.1354	-0.012813
4.90835	81.6091	82.4295	673.543	717.739	-0.004076	-0.007813	28.4315	-0.012813
4.90935	81.3356	82.1561	673.771	717.33	-0.004076	-0.006563	28.4808	-0.012813
4.91035	81.8826	81.7458	673.771	717.603	-0.004076	-0.005313	28.5302	-0.013438
4.91135	81.7458	82.0193	674.228	717.056	-0.016304	-0.008125	28.2834	-0.010938
4.91235	81.7458	82.0193	673.657	716.647	-0.004076	-0.006563	28.3821	-0.01125
4.91335	82.0193	82.0193	674.228	717.193	-0.004076	-0.006563	28.3328	-0.012813
4.91435	82.1561	81.8826	673.999	716.647	-0.012228	-0.007813	28.1354	-0.012813
4.91535	81.7458	81.8826	673.999	716.1	-0.004076	-0.006563	28.2834	-0.01125
4.91635	81.6091	82.2928	673.771	715.554	-0.012228	-0.007813	28.2834	-0.011563
4.91735	82.2928	82.1561	675.142	716.1	-0.004076	-0.006563	28.2834	-0.011875
4.91835	81.7458	81.4724	672.857	715.144	-0.004076	-0.00625	28.2834	-0.012188
4.91935	81.6091	81.8826	674.228	715.691	0.028532	-0.005625	28.2834	-0.011875
4.92035	81.8826	82.1561	673.543	715.008	-0.004076	-0.004375	28.2834	-0.011563
4.92135	82.1561	82.2928	673.771	715.417	-0.004076	-0.005313	28.1354	-0.013438
4.92235	82.1561	81.8826	673.771	714.188	-0.004076	-0.007188	28.1354	-0.011875
4.92335	82.1561	82.1561	673.657	714.188	0.032609	-0.006563	28.1847	-0.010313
4.92435	81.8826	81.8826	674.228	715.144	-0.004076	-0.005938	28.0861	-0.013438
4.92535	81.6091	81.6091	673.999	716.1	-0.004076	-0.005938	27.938	-0.011875
4.92635	81.8826	82.4295	673.999	713.369	-0.012228	-0.006563	28.1354	-0.012813
4.92735	82.0193	82.2928	673.999	713.369	-0.004076	-0.006563	28.2341	-0.010313
4.92835	81.7458	81.8826	673.771	712.686	-0.024456	-0.007813	27.7406	-0.014688
4.92935	81.7458	82.0193	673.543	712.276	-0.004076	-0.006875	28.1847	-0.013438
4.93035	81.8826	82.2928	673.771	712.686	-0.012228	-0.005938	28.3821	-0.014688
4.93135	82.1561	82.0193	673.657	712.276	-0.004076	-0.006563	27.9874	-0.014063
4.93235	81.8826	82.2928	673.543	711.866	-0.012228	-0.005313	28.0861	-0.012188
4.93335	82.4295	82.1561	673.999	711.73	-0.004076	-0.00625	28.0861	-0.012813
4.93435	81.7458	82.1561	673.771	712.003	0.044837	-0.008125	28.3821	-0.011563
4.93535	81.7458	82.4295	673.999	711.73	-0.004076	-0.00625	27.9874	-0.012188
4.93635	82.1561	82.0193	673.771	710.774	-0.004076	-0.007188	27.9874	-0.01125
4.93735	81.6091	82.4295	673.885	711.183	-0.004076	-0.006563	27.938	-0.01125
4.93835	81.7458	82.2928	673.885	709.818	-0.004076	-0.008438	27.9874	-0.011875
4.93935	81.6091	82.1561	674.456	709.544	-0.012228	-0.006563	27.5926	-0.012813
4.94035	81.6091	81.8826	674.228	710.5	-0.004076	-0.005313	27.938	-0.010938
4.94135	81.8826	81.8826	672.857	709.408	-0.004076	-0.008125	28.1847	-0.011563
4.94235	81.7458	81.8826	673.314	708.998	-0.004076	-0.007813	27.9874	-0.011563
4.94335	81.6091	81.7458	673.999	710.091	-0.004076	-0.002188	27.9874	-0.011563
4.94435	81.7458	82.5663	673.314	709.135	-0.004076	-0.007813	27.6887	-0.011875
4.94535	81.8826	81.8826	673.657	709.681	-0.004076	-0.008125	27.8393	-0.012813
4.94635	81.8826	82.0193	673.543	708.998	-0.004076	-0.006563	27.938	-0.012188
4.94735	81.8826	82.2928	673.857	709.954	-0.004076	-0.006938	27.9874	-0.01375
4.94835	82.0193	82.1561	673.999	708.998	-0.008152	-0.006938	28.1847	-0.012813

4.94936	81.6091	81.3356	673.657	707.632	-0.012228	-0.007188	27.8393	-0.012188
4.95036	81.3356	82.1561	672.4	706.266	-0.052989	-0.00876	27.4939	-0.014063
4.95136	81.8826	82.1561	673.086	709.179	-0.004076	-0.006563	27.9874	-0.013438
4.95236	81.8826	82.0193	673.885	707.905	-0.004076	-0.005625	28.6782	-0.010938
4.95336	81.8826	81.8826	673.543	707.769	0.036685	-0.005313	28.0861	-0.012813
4.95436	81.8826	82.2928	673.543	707.222	-0.004076	-0.004063	28.0861	-0.013438
4.95536	81.4724	82.1561	674.57	707.632	0.028532	-0.005625	28.2834	-0.012188
4.95636	81.8826	82.4295	673.543	706.949	-0.004076	-0.005313	28.1354	-0.010625
4.95736	81.6091	82.2928	673.543	706.993	-0.004076	-0.007813	28.1354	-0.011563
4.95836	81.8826	81.8826	673.771	706.266	-0.004076	-0.004375	28.1847	-0.011875
4.95936	81.3356	81.3356	673.771	707.222	-0.004076	-0.005938	28.3328	-0.012188
4.96036	81.6091	82.1561	673.771	705.174	-0.004076	-0.0075	28.3328	-0.010938
4.96136	81.8826	82.2928	673.543	704.627	-0.048913	-0.009063	27.8887	-0.01375
4.96236	81.6091	82.1561	673.771	706.037	-0.004076	-0.006563	28.2834	-0.014688
4.96336	81.8826	82.0193	673.771	705.174	-0.004076	-0.006563	28.4315	-0.012813
4.96436	81.6091	82.1561	673.657	705.174	-0.004076	-0.005938	27.938	-0.011563
4.96536	81.8826	81.7458	673.314	704.627	-0.008152	-0.002813	28.0861	-0.012813
4.96636	81.6091	82.1561	673.657	704.491	-0.004076	-0.005938	28.0861	-0.011563
4.96736	81.8826	82.1561	673.999	704.491	-0.004076	-0.0075	28.2341	-0.013438
4.96836	81.7458	81.7458	673.543	704.491	-0.004076	-0.0075	27.938	-0.012813
4.96936	81.7458	82.1561	673.2	703.398	-0.004076	-0.007188	27.8887	-0.012813
4.97036	81.4724	81.8826	673.771	704.354	-0.004076	-0.00625	28.2834	-0.01125
4.97136	81.7458	82.2928	673.771	703.398	-0.004076	-0.007188	28.2341	-0.010625
4.97236	81.1989	81.8826	673.2	701.349	-0.044837	-0.010313	27.7406	-0.013438
4.97336	82.1561	82.1561	673.086	702.442	-0.004076	-0.005625	28.2834	-0.012813
4.97436	81.8826	82.1561	673.771	703.262	-0.004076	-0.005625	28.6782	-0.011563
4.97536	81.8826	82.2928	673.657	702.988	-0.004076	-0.006313	28.3821	-0.012188
4.97636	81.8826	81.8826	673.543	702.852	-0.004076	-0.002813	28.3328	-0.012188
4.97736	81.3356	81.6091	673.657	702.305	-0.004076	-0.006875	28.4808	-0.01125
4.97836	81.7458	82.1561	673.999	702.988	0.024456	-0.005938	28.1847	-0.012813
4.97936	81.7458	82.1561	673.314	702.032	-0.004076	-0.006563	28.1847	-0.011563
4.98036	81.8826	82.1561	673.771	702.305	-0.004076	-0.00625	28.3821	-0.010625
4.98136	81.8826	81.7458	673.2	702.579	-0.008152	-0.006563	28.3328	-0.011875
4.98236	81.7458	82.0193	674.114	702.169	-0.004076	-0.005313	28.4808	-0.011563
4.98336	81.7458	81.7458	672.172	700.12	-0.044837	-0.011563	27.9874	-0.012813
4.98436	81.6091	81.7458	673.086	701.759	-0.012228	-0.006563	28.2834	-0.012188
4.98536	82.1561	82.2928	673.2	701.213	-0.004076	-0.009063	28.5795	-0.012188
4.98636	81.8826	82.0193	673.543	701.213	0.02038	-0.006563	28.3821	-0.01125
4.98736	81.8826	81.7458	673.2	700.803	-0.004076	-0.00375	28.2834	-0.014063
4.98836	81.7458	82.0193	673.885	700.257	-0.004076	-0.007813	28.2341	-0.012188
4.98936	81.8826	81.7458	673.543	699.71	0.028532	-0.005625	28.3821	-0.010938
4.99036	81.8826	82.5663	673.657	699.984	-0.004076	-0.004688	28.3328	-0.010938
4.99136	81.8826	82.4295	673.657	700.257	-0.004076	-0.006563	28.1847	-0.012188
4.99236	81.8826	81.8826	673.086	699.984	-0.008152	-0.007813	28.4808	-0.012188
4.99336	81.8826	82.1561	673.314	699.164	-0.004076	-0.006875	28.0861	-0.012188
4.99436	81.8826	82.1561	674.228	698.891	-0.004076	-0.007813	28.2341	-0.010313
4.99536	81.8826	81.4724	672.4	699.026	-0.012228	-0.008125	28.2834	-0.014063
4.99636	81.3356	82.0193	673.885	698.891	-0.004076	-0.00625	28.3821	-0.012813
4.99736	81.7458	81.8826	673.657	699.164	-0.004076	-0.005313	28.5302	-0.010938

4.99836	81.1989	82.0193	673.543	698.618	-0.004076	-0.003125	28.3821	-0.012188
4.99936	81.8826	81.8826	673.314	698.618	-0.004076	-0.006875	28.2834	-0.012188
5.00036	81.6091	81.6091	673.314	698.618	-0.004076	-0.005938	28.3328	-0.011563
5.00136	81.3356	82.1561	673.771	697.862	-0.004076	-0.007813	28.3821	-0.011563
5.00236	81.7458	82.2928	673.314	697.525	-0.006152	-0.006875	28.5302	-0.011875
5.00336	81.8826	82.1561	673.771	698.891	-0.004076	-0.005313	28.4808	-0.01375
5.00436	81.8826	81.8826	673.314	697.389	-0.004076	-0.005625	28.4808	-0.012813
5.00536	81.3356	82.1561	673.999	697.252	-0.016304	-0.005938	28.3821	-0.011563
5.00636	82.2928	82.2928	672.971	696.979	-0.012228	-0.005938	28.4808	-0.011875
5.00736	82.1561	82.1561	673.428	697.798	0.024456	-0.005313	29.073	-0.011563
5.00836	81.7458	82.0193	673.314	696.706	-0.004076	-0.005313	28.5302	-0.013438
5.00936	81.4724	81.8826	673.771	696.979	-0.004076	-0.005313	28.6782	-0.012188
5.01036	81.7458	81.8826	673.086	695.75	-0.004076	-0.005625	28.4315	-0.013438
5.01136	81.8826	82.0193	673.314	696.706	-0.004076	-0.007813	28.2341	-0.011563
5.01236	81.7458	81.8826	673.885	696.159	-0.004076	-0.005938	28.5795	-0.012188
5.01336	82.1561	81.8826	673.771	695.432	-0.004076	-0.006563	28.7769	-0.011563
5.01436	81.6091	82.1561	673.314	695.886	-0.004076	-0.007188	28.5302	-0.011563
5.01536	81.7458	81.7458	673.314	695.75	-0.004076	-0.00625	28.7769	-0.012188
5.01636	81.8826	81.8826	674.228	695.067	-0.004076	-0.006125	28.5302	-0.008125
5.01736	81.6091	82.0193	672.4	695.203	-0.006152	-0.005938	28.5302	-0.01375
5.01836	81.8826	82.2928	673.543	695.203	-0.004076	-0.006563	28.6782	-0.0125
5.01936	82.0193	82.0193	673.086	694.247	-0.004076	-0.005938	28.7275	-0.012188
5.02036	81.6091	81.8826	672.971	694.793	-0.012228	-0.005313	28.4808	-0.013125
5.02136	81.6091	81.3356	673.543	694.793	-0.004076	-0.005313	28.9743	-0.011563
5.02236	81.6091	81.6091	673.314	694.793	-0.004076	-0.007813	28.4808	-0.010938
5.02336	81.7458	82.4295	673.314	694.52	0.044837	-0.005938	28.6782	-0.010938
5.02436	81.3356	82.2928	673.771	694.247	-0.016304	-0.006563	28.7769	-0.011563
5.02536	82.4295	82.2928	673.2	695.34	-0.004076	-0.006875	28.6782	-0.011875
5.02636	81.8826	82.2928	673.314	693.701	-0.012228	-0.005313	28.6782	-0.012813
5.02736	82.4295	82.2928	673.771	693.701	-0.004076	-0.006563	28.7769	-0.011875
5.02836	81.6091	82.5663	672.4	693.701	-0.004076	-0.006563	28.5302	-0.012188
5.02936	81.4724	82.1561	673.771	694.111	-0.004076	-0.005313	29.0236	-0.013438
5.03036	81.8826	81.6091	673.2	693.701	0.024456	-0.007813	28.6289	-0.011875
5.03136	81.1989	82.0193	673.543	693.974	-0.004076	-0.005313	28.5796	-0.012813
5.03236	82.4295	82.1561	672.857	693.428	-0.004076	-0.005313	28.7769	-0.011563
5.03336	82.1561	82.1561	673.2	693.701	-0.004076	-0.005938	28.6289	-0.011563
5.03436	82.1561	82.1561	672.857	692.608	-0.004076	-0.007188	28.4806	-0.011875
5.03536	81.6091	81.8826	673.543	693.018	-0.006152	-0.005938	28.5796	-0.013125
5.03636	82.2928	81.8826	673.086	693.564	-0.004076	-0.006875	28.7769	-0.011875
5.03736	81.7458	81.8826	673.2	691.925	-0.02038	-0.007813	28.6782	-0.012813
5.03836	81.7458	81.8826	674.114	692.746	-0.004076	-0.005313	28.7275	-0.010313
5.03936	81.7458	81.8826	672.4	692.062	-0.006152	-0.005938	28.6782	-0.012188
5.04036	81.8826	82.0193	673.314	692.062	-0.004076	-0.004063	28.7769	-0.011875
5.04136	81.8826	82.1561	673.2	692.608	-0.004076	-0.006563	28.6782	-0.011563
5.04236	81.8826	82.0193	673.086	692.062	-0.004076	-0.003438	28.8756	-0.011563
5.04336	81.8826	82.1561	672.4	691.516	-0.004076	-0.007813	28.7769	-0.012813
5.04436	81.7458	81.6091	672.971	691.242	-0.004076	-0.009063	28.7275	-0.012813
5.04536	81.8826	82.0193	672.4	691.516	0.024456	-0.006125	28.5795	-0.014063
5.04636	81.6091	81.8826	673.314	692.062	-0.012228	-0.005938	28.6782	-0.013125

5.04736	81.7458	81.8826	673.314	692.608	-0.012228	-0.006563	28.7769	-0.012188
5.04836	81.8826	82.0193	673.771	691.516	-0.004076	-0.006563	28.9249	-0.010625
5.04936	81.8826	81.8826	674.228	691.516	-0.004076	-0.006438	28.9743	-0.010313
5.05036	82.1561	82.1561	672.971	690.969	-0.004076	-0.007813	28.5795	-0.013438
5.05136	82.1561	82.1561	673.428	691.106	-0.004076	-0.007188	29.4184	-0.011875
5.05236	81.8826	82.1561	672.971	692.198	0.028532	-0.005313	28.8262	-0.012813
5.05336	81.8826	82.1561	673.771	691.789	0.036685	-0.004063	29.073	-0.012813
5.05436	82.1561	82.0193	672.857	691.925	-0.004076	-0.004063	28.9249	-0.010313
5.05536	81.6091	82.1561	673.314	691.652	-0.004076	-0.005313	28.8756	-0.011875
5.05636	81.8826	82.0193	673.2	691.242	-0.004076	-0.00625	28.8756	-0.010625
5.05736	81.6091	82.0193	673.314	691.379	-0.004076	-0.007188	29.0236	-0.011563
5.05836	81.6091	82.2928	673.314	691.789	-0.004076	-0.004688	28.5795	-0.011563
5.05936	81.6091	82.0193	672.857	690.833	-0.008152	-0.006875	28.7769	-0.011563
5.06036	81.6091	82.0193	673.543	689.877	-0.004076	-0.004688	28.8262	-0.011563
5.06136	81.6091	81.8826	673.2	690.833	-0.008152	-0.006563	28.9743	-0.012813
5.06236	81.7458	82.4295	673.2	690.969	-0.004076	-0.005313	28.8756	-0.013438
5.06336	82.1561	82.0193	673.2	689.877	-0.004076	-0.005313	29.073	-0.012813
5.06436	81.0622	82.4295	673.657	690.969	-0.004076	-0.005313	28.7275	-0.012813
5.06536	81.7458	82.1561	673.314	690.423	-0.004076	-0.007188	28.8756	-0.013438
5.06636	81.8826	81.8826	673.086	690.423	-0.004076	-0.007188	28.9249	-0.0125
5.06736	81.8826	81.8826	673.086	690.423	0.028532	-0.005938	29.3197	-0.010938
5.06836	81.6091	81.8826	672.971	690.15	-0.004076	-0.006563	29.073	-0.013125
5.06936	82.0193	81.8826	672.4	690.423	-0.004076	-0.006563	29.1223	-0.010938
5.07037	81.7458	81.8826	673.314	689.74	-0.02038	-0.006875	28.9249	-0.012813
5.07137	81.8826	82.0193	674.114	689.603	-0.004076	-0.005313	29.369	-0.010313
5.07237	81.0622	82.0193	673.314	690.15	-0.004076	-0.005625	29.1716	-0.010938
5.07337	81.7458	81.6091	673.086	690.423	-0.004076	-0.005313	29.5171	-0.010938
5.07437	81.6091	82.0193	673.2	690.423	-0.004076	-0.006563	29.073	-0.011563
5.07537	81.6091	81.8826	673.086	690.833	-0.004076	-0.004688	29.2703	-0.0125
5.07637	81.8826	82.1561	673.086	690.15	-0.004076	-0.005313	29.221	-0.013438
5.07737	81.8826	82.2928	673.086	690.423	-0.004076	-0.007188	29.073	-0.011875
5.07837	82.0193	82.1561	672.971	689.877	-0.004076	-0.005313	29.1716	-0.012188
5.07937	81.6091	81.7458	673.086	689.74	-0.02038	-0.006563	29.5664	-0.01125
5.08037	81.6091	82.0193	672.857	690.423	-0.004076	-0.004688	29.1223	-0.010625
5.08137	81.6091	81.7458	673.086	690.15	-0.008152	-0.00625	29.1716	-0.011563
5.08237	81.6091	82.0193	673.314	690.013	-0.012228	-0.004688	29.3197	-0.010313
5.08337	81.8826	82.4295	673.086	689.74	0.028532	-0.006875	28.9743	-0.01375
5.08437	81.7458	82.703	672.857	689.057	-0.016304	-0.006563	29.5664	-0.012813
5.08537	81.7458	82.1561	672.857	689.877	-0.004076	-0.005625	29.2703	-0.013438
5.08637	81.8826	81.8826	672.4	689.877	-0.008152	-0.006875	29.1716	-0.011563
5.08737	81.7458	82.703	672.4	690.15	-0.004076	-0.005313	29.3197	-0.010625
5.08837	81.7458	82.1561	673.2	689.603	-0.004076	-0.006938	28.9743	-0.010313
5.08937	81.3356	82.2928	673.314	689.603	0.040761	-0.004063	29.073	-0.012813
5.09037	81.8826	82.0193	673.314	689.74	-0.004076	-0.006875	29.1223	-0.012188
5.09137	82.1561	82.2928	672.4	690.969	-0.02038	-0.007188	29.0236	-0.011875
5.09237	81.8826	81.4724	673.2	689.33	-0.004076	-0.007188	29.4677	-0.011563
5.09337	81.4724	81.8826	673.314	689.877	-0.004076	-0.005938	29.4184	-0.009688
5.09437	81.8826	82.0193	672.857	689.467	-0.004076	-0.006875	29.1716	-0.012813
5.09537	81.6091	82.0193	672.4	688.647	-0.004076	-0.005938	29.4184	-0.011875

5.09637	82.1561	82.0193	673.086	689.74	-0.004076	-0.007188	29.4677	-0.01125
5.09737	81.8826	82.2928	673.543	689.74	0.028532	-0.004688	29.1223	-0.012813
5.09837	81.3356	82.2928	673.428	689.467	-0.004076	-0.002188	29.1716	-0.011875
5.09937	81.6091	81.8826	672.857	690.013	-0.004076	-0.005938	29.3197	-0.010938
5.10037	81.8826	82.1561	673.086	689.33	-0.004076	-0.005938	29.4677	-0.011875
5.10137	81.7458	81.8826	672.4	690.15	0.02038	-0.005938	29.5664	-0.011563
5.10237	81.6091	81.8826	673.314	690.15	-0.012228	-0.005938	29.369	-0.012813
5.10337	82.0193	82.0193	673.086	689.33	-0.004076	-0.007188	29.4184	-0.01125
5.10437	82.1561	82.1561	673.2	689.33	-0.012228	-0.006563	29.1716	-0.009063
5.10537	82.0193	82.1561	672.857	689.057	-0.004076	-0.007188	29.4184	-0.01125
5.10637	81.3356	82.0193	673.2	689.33	-0.004076	-0.005313	29.8625	-0.010938
5.10737	81.3356	81.8826	672.971	689.33	-0.004076	-0.006563	29.4677	-0.011563
5.10837	81.7458	82.0193	672.857	689.057	-0.004076	-0.005313	29.5171	-0.011563
5.10937	82.2928	82.1561	672.4	689.057	-0.004076	-0.003438	29.4677	-0.010938
5.11037	81.8826	81.8826	672.971	689.194	0.02038	-0.006563	29.369	-0.014063
5.11137	81.6091	82.0193	673.543	689.057	0.024456	-0.006563	29.4677	-0.012813
5.11237	81.7458	82.1561	672.4	688.647	-0.012228	-0.007188	29.1716	-0.011875
5.11337	81.1989	82.2928	673.2	690.423	-0.004076	-0.006563	29.369	-0.010938
5.11437	81.3356	81.8826	673.086	688.784	-0.016304	-0.007813	29.3197	-0.012813
5.11537	81.7458	81.8826	672.286	689.33	-0.004076	-0.006563	29.5664	-0.009063
5.11637	82.4295	82.1561	673.2	689.057	-0.004076	-0.006563	29.3197	-0.012188
5.11737	81.7458	81.8826	672.4	689.194	-0.004076	-0.007188	29.369	-0.014063
5.11837	82.0193	82.1561	673.2	689.33	-0.004076	-0.006563	29.7144	-0.011875
5.11937	81.1989	82.0193	673.086	688.784	-0.004076	-0.005313	29.3197	-0.011563
5.12037	82.1561	82.0193	672.857	689.194	-0.004076	-0.004063	29.5664	-0.011563
5.12137	81.3356	81.8826	672.058	689.194	0.02038	-0.005313	29.4184	-0.010625
5.12237	81.8826	82.4295	672.857	689.603	0.032609	-0.006938	29.369	-0.010313
5.12337	81.4724	82.1561	673.086	689.33	-0.016304	-0.005313	29.4184	-0.012188
5.12437	81.7458	81.8826	672.857	689.74	-0.004076	-0.005313	29.5664	-0.011563
5.12537	81.7458	81.8826	672.4	689.194	-0.004076	-0.006563	29.3197	-0.012813
5.12637	81.7458	81.7458	672.4	689.057	-0.004076	-0.006563	29.4677	-0.013438
5.12737	81.7458	81.8826	672.172	688.784	-0.004076	-0.007813	29.1223	-0.012188
5.12837	82.0193	82.1561	673.086	688.511	-0.004076	-0.005625	29.4184	-0.011563
5.12937	82.0193	81.8826	672.4	689.194	-0.004076	-0.006875	29.4184	-0.012813
5.13037	81.8826	82.2928	672.4	689.33	-0.004076	-0.005313	29.1716	-0.01125
5.13137	81.8826	82.1561	673.2	689.057	-0.004076	-0.002813	29.7144	-0.0125
5.13237	82.1561	82.1561	672.971	689.33	0.02038	-0.007188	29.7144	-0.010938
5.13337	81.7458	81.8826	672.058	689.057	-0.004076	-0.006125	29.7144	-0.011563
5.13437	82.0193	81.7458	672.286	689.057	-0.012228	-0.006125	29.221	-0.012813
5.13537	81.8826	82.4295	672.4	689.877	-0.024456	-0.007813	29.221	-0.011875
5.13637	82.1561	82.703	672.743	689.194	-0.004076	-0.005313	29.5171	-0.013125
5.13737	81.8826	82.1561	672.4	689.194	-0.004076	-0.007188	29.5664	-0.009063
5.13837	81.6091	81.6091	672.4	688.784	-0.004076	-0.005625	29.369	-0.012813
5.13937	81.4724	81.3356	672.4	688.92	-0.004076	-0.005313	29.3197	-0.012813
5.14037	81.8826	82.2928	672.4	688.511	-0.02038	-0.005625	29.9612	-0.011563
5.14137	81.8826	82.0193	672.4	688.784	-0.004076	-0.004063	29.5664	-0.011563
5.14237	81.0622	82.0193	673.314	689.194	0.02038	-0.005625	29.5664	-0.011563
5.14337	81.6091	81.8826	672.172	688.647	-0.012228	-0.006438	29.221	-0.011875
5.14437	81.6091	82.0193	672.286	689.603	0.052989	-0.00625	29.5171	-0.011875

5.14637	81.8826	82.1561	672.857	689.33	-0.012228	-0.005	29.369	-0.012813
5.14837	81.7458	82.4295	672.4	689.877	-0.004076	-0.005313	29.5664	-0.012188
5.14737	81.3356	82.1561	672.857	689.877	-0.008152	-0.006563	29.221	-0.011563
5.14837	81.1989	82.1561	672.857	688.238	-0.004076	-0.006563	29.4184	-0.012188
5.14937	81.8826	82.1561	672.4	687.691	-0.02038	-0.009063	29.0236	-0.012813
5.15037	81.7458	82.2928	672.4	689.057	-0.004076	-0.00625	29.2703	-0.011563
5.15137	81.8826	82.1561	672.4	689.33	-0.004076	-0.00625	29.4677	-0.011563
5.15237	82.4295	82.1561	672.4	688.784	-0.004076	-0.007188	29.1223	-0.014063
5.15337	81.8826	81.8826	672.4	688.92	-0.004076	-0.002813	29.2703	-0.012813
5.15437	81.8826	82.4295	673.086	689.603	-0.004076	-0.005313	29.4677	-0.010938
5.15537	82.1561	81.8826	672.4	689.603	0.040761	-0.00375	29.5171	-0.01125
5.15637	81.6091	82.2928	672.4	689.194	-0.004076	-0.006625	29.3197	-0.01375
5.15737	81.8826	82.2928	672.4	690.286	-0.004076	-0.006563	29.369	-0.011563
5.15837	82.2928	81.8826	672.4	689.194	-0.004076	-0.00625	29.5171	-0.011563
5.15937	81.1989	82.0193	672.4	689.057	-0.004076	-0.008125	29.2703	-0.012188
5.16037	81.8826	82.4295	671.943	688.238	-0.02038	-0.007813	29.1223	-0.015313
5.16137	81.3356	82.1561	671.943	688.511	-0.004076	-0.005938	29.4184	-0.013125
5.16237	81.3356	81.6091	672.4	689.33	-0.004076	-0.005938	30.0598	-0.012813
5.16337	81.8826	82.2928	672.172	688.238	-0.004076	-0.006563	29.1223	-0.012188
5.16437	81.8826	81.7458	672.857	688.784	-0.004076	-0.005313	29.5171	-0.012813
5.16537	81.8826	82.1561	672.4	689.467	-0.004076	-0.006875	29.2703	-0.012188
5.16637	81.0822	82.2928	672.4	689.194	0.032609	-0.006563	29.4677	-0.012188
5.16737	81.7458	82.2928	672.172	689.194	-0.004076	-0.007813	29.369	-0.012188
5.16837	81.7458	82.1561	672.4	689.603	-0.004076	-0.006563	29.4677	-0.011563
5.16937	81.7458	82.4295	672.4	688.92	-0.004076	-0.007188	29.1716	-0.010938
5.17037	81.7458	81.3356	672.286	688.238	-0.008152	-0.005	29.3197	-0.010938
5.17137	81.7458	82.2928	671.03	687.418	-0.052989	-0.010313	28.9743	-0.015313
5.17237	81.8826	81.3356	672.286	688.238	-0.004076	-0.007188	29.221	-0.01375
5.17337	81.8826	81.7458	672.172	689.33	-0.004076	-0.007188	29.5664	-0.012813
5.17437	81.8826	82.1561	672.286	688.511	-0.004076	-0.007813	28.9743	-0.012813
5.17537	81.3356	82.1561	672.4	689.33	-0.004076	-0.003438	29.1716	-0.012813
5.17637	81.8826	81.6091	672.857	689.057	0.032609	-0.005313	29.369	-0.012813
5.17737	81.7458	82.1561	672.4	689.33	-0.004076	-0.005938	29.1223	-0.012188
5.17837	81.6091	81.8826	671.943	689.057	-0.02038	-0.006875	29.369	-0.010938
5.17937	82.1561	82.0193	672.4	689.194	-0.004076	-0.005938	29.1223	-0.011563
5.18037	81.8826	82.1561	672.4	688.784	-0.004076	-0.004688	29.1223	-0.012188
5.18137	81.6091	81.4724	672.743	689.33	-0.004076	-0.005625	29.369	-0.010938
5.18237	81.6091	82.2928	671.943	687.691	-0.028532	-0.008125	28.7769	-0.015625
5.18337	81.6091	81.6091	671.943	688.647	-0.004076	-0.005313	29.1716	-0.012813
5.18437	82.1561	81.8826	672.743	689.194	-0.004076	-0.005938	29.5171	-0.013438
5.18537	81.7458	82.1561	672.4	689.603	-0.004076	-0.005313	28.9743	-0.014688
5.18637	81.8826	81.8826	672.172	688.238	-0.004076	-0.003438	29.1223	-0.011563
5.18737	81.7458	82.1561	671.943	688.784	0.028532	-0.005938	29.1716	-0.010313
5.18837	81.7458	82.1561	671.943	689.057	0.036685	-0.005313	29.221	-0.012188
5.18937	81.6091	82.0193	672.058	688.784	-0.008152	-0.00625	29.0236	-0.011563
5.19037	82.4295	82.1561	672.172	689.057	-0.008152	-0.008438	29.221	-0.012188
5.19137	82.4295	82.1561	672.4	689.057	-0.004076	-0.006563	29.073	-0.012188
5.19237	81.8826	82.4295	672.4	688.374	-0.004076	-0.007188	29.1223	-0.011875
5.19337	82.1561	81.8826	671.03	687.008	-0.057065	-0.010625	28.7769	-0.015938

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5.19437	81.6091	81.6091	672.172	689.057	-0.004076	-0.005313	29.073	-0.013125
5.19537	82.2928	82.1561	671.943	688.238	-0.004076	-0.005313	29.5171	-0.010938
5.19637	81.7458	82.0193	672.4	689.194	-0.004076	-0.005625	29.2703	-0.011875
5.19737	81.8826	81.6091	671.715	688.92	-0.004076	-0.004063	28.221	-0.010938
5.19837	81.1989	82.1561	672.172	688.784	-0.004076	-0.005938	29.3197	-0.011563
5.19937	82.0193	82.4295	672.857	689.603	-0.004076	-0.005938	29.1716	-0.01125
5.20037	81.7458	81.8826	671.943	688.647	-0.008152	-0.008438	29.073	-0.012813
5.20137	81.6091	81.8826	672.4	688.101	-0.004076	-0.005938	28.9743	-0.0125
5.20237	81.8826	81.7458	671.943	689.33	0.028532	-0.006563	28.8756	-0.012188
5.20337	81.8826	82.0193	672.4	688.784	-0.004076	-0.005938	29.073	-0.011563
5.20437	81.7458	81.8826	671.715	687.418	-0.052969	-0.011563	28.5795	-0.012813
5.20537	81.8826	81.6091	671.829	688.784	-0.004076	-0.00625	29.1223	-0.012813
5.20637	81.6091	82.0193	671.715	688.92	-0.004076	-0.005313	29.4184	-0.012188
5.20737	82.0193	81.7458	672.058	689.057	-0.004076	-0.004063	29.1716	-0.012188
5.20838	81.8826	81.3356	671.943	689.057	-0.004076	-0.00375	29.1716	-0.012188
5.20938	81.8826	82.2928	671.943	689.057	-0.004076	-0.005313	29.1716	-0.011563
5.21038	81.7458	81.8826	672.286	689.194	0.02038	-0.005938	28.9249	-0.01125
5.21138	81.8826	82.2928	672.4	688.511	-0.004076	-0.004375	29.0236	-0.011563
5.21238	81.8826	82.2928	672.286	688.647	-0.004076	-0.005313	28.9743	-0.011563
5.21338	81.1989	82.1561	671.601	689.057	-0.004076	-0.00625	29.073	-0.010938
5.21438	81.7458	81.8826	671.943	688.647	-0.004076	-0.005313	28.9249	-0.011875
5.21538	81.8826	81.8826	672.172	688.374	-0.004076	-0.007188	29.0236	-0.011563
5.21638	81.7458	82.1561	671.258	688.511	0.028532	-0.005625	28.9743	-0.013125
5.21738	81.7458	81.7458	671.829	688.511	-0.004076	-0.006563	29.5171	-0.012188
5.21838	82.1561	82.0193	671.829	688.101	-0.008152	-0.007813	29.221	-0.012188
5.21938	81.8826	81.8826	671.943	688.784	-0.004076	-0.007813	28.9249	-0.010313
5.22038	81.6091	81.8826	672.4	689.33	-0.004076	-0.005938	28.8262	-0.011875
5.22138	81.6091	82.0193	671.943	688.101	-0.004076	-0.005313	28.9743	-0.01125
5.22238	81.8826	82.1561	672.058	688.784	-0.004076	-0.006875	29.1716	-0.011563
5.22338	81.7458	82.703	671.487	688.511	-0.004076	-0.005938	28.9743	-0.011563
5.22438	82.4295	81.8826	671.715	689.057	-0.008152	-0.007188	28.9743	-0.01125
5.22538	81.7458	81.8826	671.487	688.784	-0.004076	-0.006563	29.0236	-0.012813
5.22638	81.8826	82.2928	672.172	688.238	-0.012228	-0.008438	28.7769	-0.011875
5.22738	81.7458	81.8826	672.058	688.374	-0.004076	-0.006125	28.9249	-0.012813
5.22838	81.7458	82.1561	671.715	689.057	-0.004076	-0.005313	29.4184	-0.011875
5.22938	81.6091	81.8826	671.372	688.238	-0.004076	-0.005938	29.3197	-0.01125
5.23038	81.6091	81.8826	671.829	689.33	-0.004076	-0.002813	29.073	-0.011563
5.23138	81.6091	81.8826	671.829	688.511	-0.02038	-0.007813	28.9743	-0.012188
5.23238	82.0193	82.1561	671.943	688.238	-0.004076	-0.00375	29.073	-0.011563
5.23338	81.7458	82.0193	671.601	689.194	-0.004076	-0.007188	29.221	-0.011875
5.23438	82.0193	82.2928	671.943	688.647	-0.004076	-0.006875	29.0236	-0.012813
5.23538	82.1561	82.0193	671.943	689.603	-0.004076	-0.006563	29.073	-0.012813
5.23638	81.8826	82.4295	671.715	688.784	-0.008152	-0.005938	29.2703	-0.013125
5.23738	81.6091	82.703	672.172	688.238	-0.004076	-0.006563	29.1716	-0.009688
5.23838	81.8826	82.5663	670.573	687.964	-0.012228	-0.006875	28.7769	-0.013125
5.23938	82.0193	82.2928	672.172	688.647	-0.004076	-0.006563	29.4677	-0.010938
5.24038	81.3356	82.1561	671.943	689.057	-0.004076	-0.004688	28.9743	-0.011563
5.24138	81.7458	82.1561	671.487	688.784	-0.004076	-0.00625	28.8756	-0.013438
5.24238	81.4724	81.8826	671.943	689.74	-0.004076	-0.004375	29.0236	-0.013125

5.24338	82.0193	82.2928	671.943	689.057	-0.004076	-0.007188	28.8756	-0.012813
5.24438	81.6091	81.8826	671.715	688.784	0.024456	-0.005938	28.9249	-0.010938
5.24538	81.3356	82.2928	671.829	688.238	-0.004076	-0.007188	28.9743	-0.010625
5.24638	82.1561	81.8826	671.487	689.74	-0.004076	-0.005938	28.9743	-0.012813
5.24738	82.0193	81.8826	671.715	688.238	-0.008152	-0.00625	29.073	-0.012188
5.24838	81.8826	81.8826	672.286	688.784	-0.004076	-0.005313	29.0236	-0.009063
5.24938	81.7458	82.703	671.372	687.964	-0.016304	-0.007813	28.9743	-0.014063
5.25038	81.8826	82.0193	671.716	688.238	-0.004076	-0.006563	29.0236	-0.014063
5.25138	81.8826	82.1561	671.487	688.647	-0.004076	-0.006563	28.9249	-0.012188
5.25238	81.6091	82.5663	671.487	688.647	-0.02038	-0.003438	29.073	-0.011563
5.25338	81.8826	82.2928	671.487	688.784	0.024456	-0.00625	28.8262	-0.013438
5.25438	81.8826	82.2928	671.372	688.238	-0.004076	-0.004063	28.8756	-0.010938
5.25538	81.7458	82.4295	671.487	688.511	0.028532	-0.005313	28.9743	-0.010938
5.25638	81.8826	81.7458	671.487	688.92	-0.004076	-0.005938	29.0236	-0.010313
5.25738	81.8826	82.1561	671.487	689.877	-0.012228	-0.006563	28.9249	-0.01125
5.25838	81.8826	82.1561	671.715	688.238	-0.004076	-0.006563	28.8262	-0.012813
5.25938	81.8826	82.1561	672.4	688.784	0.02038	-0.00625	28.9743	-0.009688
5.26038	81.6091	81.3356	671.03	688.101	-0.004076	-0.006563	28.9743	-0.013438
5.26138	82.0193	82.4295	671.487	688.511	-0.012228	-0.005938	29.369	-0.012813
5.26238	81.8826	82.0193	671.487	688.784	-0.004076	-0.006563	28.9743	-0.013438
5.26338	82.0193	82.1561	670.916	688.784	-0.004076	-0.006563	28.9249	-0.011563
5.26438	81.7458	82.4295	672.172	688.647	0.016304	-0.003438	29.1716	-0.010625
5.26538	81.0622	82.1561	671.601	688.784	-0.004076	-0.00625	28.8756	-0.01125
5.26638	81.6091	81.8826	671.715	688.647	0.028532	-0.006563	28.9743	-0.012813
5.26738	81.8826	81.8826	671.829	688.647	-0.02038	-0.009063	28.9743	-0.010938
5.26838	81.8826	82.1561	671.487	690.15	-0.012228	-0.005938	29.073	-0.012188
5.26938	81.8826	81.3356	671.829	688.784	-0.004076	-0.005625	28.9249	-0.01125
5.27038	82.0193	81.8826	671.601	689.057	-0.004076	-0.005938	29.1223	-0.009063
5.27138	81.7458	82.1561	671.943	688.101	-0.004076	-0.005313	29.073	-0.010938
5.27238	81.6091	82.1561	671.144	689.057	-0.004076	-0.005313	29.073	-0.012188
5.27338	82.5663	82.0193	671.487	688.238	-0.004076	-0.005625	28.5795	-0.012813
5.27438	81.7458	81.8826	671.03	688.238	-0.004076	-0.005938	29.1716	-0.012188
5.27538	81.0622	82.1561	671.715	688.238	-0.004076	-0.006125	28.9743	-0.010938
5.27638	82.0193	81.8826	671.03	688.238	-0.004076	-0.006563	28.7769	-0.012188
5.27738	82.0193	81.8826	671.715	688.238	-0.004076	-0.006563	28.7769	-0.01125
5.27838	82.2928	82.0193	671.943	688.238	-0.012228	-0.007188	28.8756	-0.012188
5.27938	82.0193	81.7458	671.372	689.33	-0.004076	-0.006563	28.9743	-0.011875
5.28038	81.7458	82.1561	671.829	688.238	0.02038	-0.006563	28.7769	-0.013125
5.28138	81.8826	81.8826	672.286	687.691	-0.004076	-0.005313	28.9743	-0.00875
5.28238	81.7458	82.2928	670.573	687.964	-0.004076	-0.005625	28.8756	-0.012188
5.28338	82.0193	82.0193	671.03	688.238	-0.004076	-0.007813	28.7769	-0.011563
5.28438	81.8826	81.8826	671.487	688.784	-0.004076	-0.005625	28.9743	-0.01375
5.28538	81.8826	82.0193	671.258	688.784	-0.004076	-0.006563	28.8262	-0.011875
5.28638	81.8826	82.1561	671.487	688.511	0.02038	-0.002813	28.7769	-0.011563
5.28738	81.3356	82.0193	671.601	688.784	-0.004076	-0.004688	28.9743	-0.011563
5.28838	81.3356	82.1561	671.487	688.647	-0.004076	-0.005313	28.8756	-0.012813
5.28938	81.8826	82.1561	671.715	688.784	-0.004076	-0.005313	29.073	-0.010938
5.29038	82.4295	82.1561	671.487	689.877	-0.004076	-0.005625	28.9743	-0.012188
5.29138	81.8826	82.4295	671.487	688.511	-0.004076	-0.006563	28.8262	-0.011875

5.29238	81.8826	82.0193	671.601	688.374	-0.004076	-0.00625	28.7769	-0.010625
5.29338	81.8826	82.0193	671.258	688.511	-0.004076	-0.006563	28.7769	-0.012813
5.29438	81.6091	81.8826	671.372	687.964	-0.004076	-0.006563	29.4677	-0.012813
5.29538	81.8826	81.8826	670.801	688.511	-0.004076	-0.006563	28.7769	-0.010938
5.29638	81.3356	82.1561	671.715	688.647	-0.004076	-0.005313	28.9743	-0.013125
5.29738	82.0193	82.2928	671.258	688.101	-0.004076	-0.005625	28.9743	-0.012813
5.29838	82.1561	82.703	671.372	688.784	-0.004076	-0.005938	29.1223	-0.01125
5.29938	81.6091	81.7458	671.144	688.647	0.036685	-0.006875	28.9743	-0.011563
5.30038	81.3356	82.1561	671.487	688.784	-0.004076	-0.007813	28.7769	-0.012813
5.30138	81.3356	82.1561	671.829	688.647	-0.004076	-0.005938	28.9743	-0.011563
5.30238	81.6091	81.6091	671.487	688.238	-0.004076	-0.00625	29.1716	-0.011563
5.30338	82.1561	82.0193	672.4	687.628	-0.004076	-0.005313	28.9743	-0.007813
5.30438	81.8826	81.8826	671.258	688.101	-0.004076	-0.006563	28.7769	-0.011875
5.30538	81.6091	82.0193	671.829	688.238	-0.004076	-0.006563	29.073	-0.011563
5.30638	81.7458	81.6091	671.03	688.784	-0.004076	-0.004688	29.221	-0.01125
5.30738	81.8826	81.8826	671.03	688.647	-0.004076	-0.006875	28.7769	-0.012813
5.30838	82.4295	82.0193	671.372	688.784	-0.004076	-0.002813	29.3197	-0.01125
5.30938	81.0622	82.1561	670.916	688.101	-0.004076	-0.0075	28.7275	-0.011563
5.31038	82.0193	82.4295	671.601	688.784	0.036685	-0.004688	28.9743	-0.012188
5.31138	82.4295	82.2928	671.372	688.784	-0.004076	-0.006875	28.9743	-0.010313
5.31238	81.8826	82.0193	671.487	690.15	0.028532	-0.005938	28.9743	-0.011563
5.31338	81.6091	82.0193	671.487	688.238	-0.004076	-0.006563	28.9743	-0.011875
5.31438	81.8826	81.7458	671.258	689.057	-0.004076	-0.005938	29.1716	-0.009375
5.31538	81.8826	81.8826	671.372	688.511	-0.004076	-0.006875	29.1716	-0.011875
5.31638	81.8826	81.3356	671.372	689.057	-0.004076	-0.004375	29.7638	-0.011875
5.31738	81.8826	82.1561	670.916	688.647	-0.004076	-0.004688	29.0236	-0.012813
5.31838	82.0193	82.1561	670.23	688.784	-0.004076	-0.006563	29.2703	-0.010938
5.31938	81.6091	81.8826	671.258	688.784	-0.004076	-0.004688	28.9743	-0.011563
5.32038	82.0193	82.0193	671.258	689.194	-0.004076	-0.005625	29.1716	-0.011875
5.32138	81.7458	82.703	671.487	688.238	0.032609	-0.006875	29.1223	-0.01125
5.32238	81.8826	81.8826	670.801	688.784	-0.004076	-0.006563	29.2703	-0.010625
5.32338	82.4295	82.0193	671.258	690.423	-0.004076	-0.006875	29.073	-0.013125
5.32438	82.0193	82.2928	671.487	688.238	-0.004076	-0.005938	29.073	-0.013438
5.32538	81.8826	81.8826	671.943	688.784	-0.004076	-0.00625	29.1223	-0.009063
5.32638	82.1561	82.0193	671.03	688.238	-0.004076	-0.007813	29.1223	-0.012813
5.32738	82.4295	82.0193	670.573	688.238	-0.008152	-0.006563	29.1223	-0.013125
5.32838	81.8826	81.8826	671.144	687.964	-0.004076	-0.006563	29.221	-0.011875
5.32938	81.8826	82.1561	671.03	688.238	0.032609	-0.005313	29.0236	-0.010938
5.33038	81.7458	82.4295	671.258	688.101	-0.012228	-0.006625	28.9743	-0.011563
5.33138	81.7458	82.0193	670.459	688.238	-0.004076	-0.008125	29.0236	-0.014063
5.33238	81.8826	82.1561	671.03	688.238	0.044837	-0.006875	29.1223	-0.013125
5.33338	81.8826	82.4295	671.03	688.238	-0.016304	-0.007188	29.1223	-0.011563
5.33438	82.0193	81.3356	671.03	689.603	-0.004076	-0.006625	29.073	-0.012188
5.33538	81.8826	81.8826	670.573	688.238	0.02038	-0.006563	29.1223	-0.010938
5.33638	81.8826	82.1561	671.372	687.964	-0.004076	-0.006438	29.073	-0.011563
5.33738	81.8826	82.0193	671.943	688.101	-0.008152	-0.006563	29.1223	-0.010938
5.33838	81.0622	82.2928	671.372	688.511	-0.004076	-0.003438	29.5664	-0.010938
5.33938	81.8826	82.0193	671.372	688.238	-0.004076	-0.005938	28.8756	-0.011563
5.34038	81.8826	81.8826	671.258	689.057	0.02038	-0.005938	29.073	-0.012813

5.34138	81.8826	81.8826	671.144	688.784	-0.004076	-0.003438	28.9743	-0.011563
5.34238	81.8826	81.8826	671.801	689.057	-0.004076	-0.005938	29.1223	-0.012813
5.34338	81.8826	82.4295	671.144	688.238	0.061141	-0.005625	28.9743	-0.011563
5.34438	81.7458	82.4295	671.372	688.511	-0.004076	-0.006563	29.073	-0.011875
5.34538	81.6091	81.7458	670.916	689.74	-0.004076	-0.006563	29.1716	-0.011563
5.34638	82.2928	82.1561	670.801	687.828	-0.004076	-0.007813	29.2703	-0.010938
5.34739	81.8826	82.2928	671.372	688.784	-0.004076	-0.005938	28.9743	-0.012188
5.34839	82.4295	82.1561	671.258	688.238	-0.004076	-0.0075	28.7276	-0.013438
5.34939	81.8826	81.7458	670.573	688.238	0.02036	-0.006563	29.2703	-0.012188
5.35039	82.4295	82.0193	670.916	688.238	-0.004076	-0.006563	29.4677	-0.011875
5.35139	81.7458	82.2928	670.573	689.33	-0.004076	-0.007813	28.9743	-0.012188
5.35239	82.0193	82.2928	670.916	687.964	-0.004076	-0.006875	29.2703	-0.0125
5.35339	81.8826	81.8826	670.801	688.511	-0.012228	-0.007813	29.2703	-0.01125
5.35439	82.2928	82.1561	671.258	688.238	0.028532	-0.007188	28.9743	-0.011875
5.35539	81.4724	81.8826	671.258	688.238	0.024456	-0.00625	29.2703	-0.010313
5.35639	81.3356	82.0193	671.03	687.691	-0.004076	-0.005938	29.073	-0.010313
5.35739	82.0193	82.1561	670.801	688.511	-0.004076	-0.007188	29.1716	-0.012188
5.35839	81.8826	82.1561	671.03	687.964	-0.004076	-0.007188	29.1716	-0.011563
5.35939	81.8826	82.4295	671.144	688.101	-0.004076	-0.006563	28.9743	-0.012813
5.36039	81.8826	82.1561	670.344	687.691	-0.004076	-0.0075	28.9249	-0.012813
5.36139	82.0193	82.2928	671.144	688.784	-0.004076	-0.005313	29.2703	-0.012813
5.36239	81.8826	82.0193	670.23	688.238	-0.004076	-0.006563	29.2703	-0.011563
5.36339	81.7458	82.1561	671.03	688.511	-0.004076	-0.004063	29.2703	-0.0125
5.36439	82.1561	81.8826	670.573	688.238	-0.004076	-0.007813	29.0236	-0.012188
5.36539	81.8826	82.1561	671.144	687.964	0.036685	-0.006875	28.8756	-0.012813
5.36639	81.8826	82.0193	670.573	688.238	-0.004076	-0.005625	29.1223	-0.010938
5.36739	82.1561	82.4295	670.916	689.33	-0.004076	-0.0075	29.1716	-0.010625
5.36839	81.8826	81.8826	671.258	688.92	-0.004076	-0.005625	29.1223	-0.011563
5.36939	81.8826	82.2928	671.258	688.101	-0.004076	-0.006563	29.0236	-0.011563
5.37039	81.8826	82.4295	670.573	687.418	-0.024456	-0.007188	28.6782	-0.012813
5.37139	81.8826	81.8826	670.573	688.101	-0.004076	-0.006563	29.3197	-0.012188
5.37239	81.8826	82.1561	671.372	688.647	-0.004076	-0.006563	29.6651	-0.010938
5.37339	81.6091	81.8826	671.487	688.238	-0.004076	-0.0075	29.2703	-0.012813
5.37439	81.4724	82.1561	671.258	688.784	-0.004076	-0.002813	29.221	-0.012188
5.37539	81.8826	82.1561	670.573	688.784	-0.004076	-0.006563	29.1716	-0.011563
5.37639	81.7458	81.6091	670.573	688.238	0.036685	-0.006563	29.3197	-0.01125
5.37739	81.8826	82.4295	671.03	688.647	-0.004076	-0.006875	29.1223	-0.013125
5.37839	81.8826	81.8826	670.916	688.784	-0.004076	-0.005313	29.1716	-0.011563
5.37939	81.8826	81.4724	670.573	688.511	-0.004076	-0.007813	29.1223	-0.014063
5.38039	82.0193	82.4295	670.801	687.691	-0.004076	-0.005938	29.4677	-0.0126
5.38139	81.7458	81.7458	670.801	687.555	-0.004076	-0.007813	28.8756	-0.014688
5.38239	82.0193	82.0193	670.801	687.964	-0.004076	-0.005313	29.4677	-0.011563
5.38339	81.8826	82.1561	671.144	689.067	-0.004076	-0.005313	29.4677	-0.012813
5.38439	81.8826	82.4295	671.258	688.92	-0.004076	-0.005313	29.1716	-0.012188
5.38539	82.4295	82.1561	670.687	688.511	-0.004076	-0.002813	29.4677	-0.012813
5.38639	81.6091	82.1561	670.801	688.511	-0.008152	-0.005938	28.9743	-0.011875
5.38739	81.8826	81.8826	671.258	688.784	-0.004076	-0.006563	29.0236	-0.012188
5.38839	82.4295	82.1561	671.03	688.238	-0.012228	-0.0075	29.073	-0.011563
5.38939	82.1561	81.8826	670.916	689.194	-0.004076	-0.007188	29.1223	-0.012188

5.39039	81.8826	81.4724	670.573	688.784	-0.004076	-0.005938	28.9743	-0.012813
5.39139	82.0193	82.1561	670.916	688.101	-0.004076	-0.004688	29.369	-0.010938
5.39239	81.8826	82.5663	670.116	686.872	-0.048913	-0.009063	28.9743	-0.014063
5.39339	82.703	82.4295	670.116	687.416	-0.004076	-0.005625	29.4184	-0.011875
5.39439	81.8826	82.1561	670.573	688.784	0.02038	-0.005938	29.7144	-0.013438
5.39539	81.8826	82.1561	670.344	688.511	-0.004076	-0.005938	29.369	-0.013125
5.39639	82.4295	82.0193	671.258	688.92	-0.004076	-0.004375	29.369	-0.011563
5.39739	81.8826	82.2928	671.03	688.238	-0.004076	-0.006875	29.221	-0.012188
5.39839	81.8826	81.8826	670.801	688.647	-0.004076	-0.005313	29.5171	-0.012813
5.39939	81.8826	82.4295	671.258	688.647	-0.004076	-0.006563	29.073	-0.012813
5.40039	81.6091	82.1561	671.03	688.238	-0.004076	-0.005938	29.2703	-0.012813
5.40139	82.1561	82.2928	671.03	689.603	-0.004076	-0.006875	29.4184	-0.010938
5.40239	82.0193	82.0193	670.573	687.964	-0.012228	-0.009063	29.3197	-0.012188
5.40339	81.7458	81.8826	670.344	687.145	-0.024456	-0.009688	28.8262	-0.015625
5.40439	82.4295	82.0193	670.573	687.281	-0.004076	-0.006875	29.073	-0.012188
5.40539	81.7458	81.8826	669.888	687.964	0.024456	-0.007188	29.4677	-0.012813
5.40639	81.8826	82.4295	671.03	688.511	-0.004076	-0.005313	29.1716	-0.012188
5.40739	81.8826	82.1561	670.344	687.964	-0.004076	-0.004063	29.3197	-0.010938
5.40839	81.8826	81.7458	670.116	688.238	0.028532	-0.008125	29.1716	-0.010938
5.40939	82.0193	82.1561	670.801	688.238	-0.004076	-0.006875	29.073	-0.013125
5.41039	82.0193	82.1561	670.916	688.92	-0.004076	-0.006563	29.369	-0.010313
5.41139	81.8826	82.0193	671.03	688.647	-0.004076	-0.006563	28.9743	-0.012813
5.41239	82.1561	82.1561	671.144	688.511	-0.004076	-0.007188	29.1716	-0.010938
5.41339	81.8826	81.3356	670.573	688.511	-0.008152	-0.007813	28.9743	-0.014375
5.41439	81.8826	82.0193	670.573	686.462	-0.061141	-0.010625	28.8756	-0.012188
5.41539	81.7458	82.4295	670.573	688.238	-0.004076	-0.00875	28.9249	-0.012188
5.41639	81.8826	82.0193	671.258	688.647	-0.008152	-0.005313	29.5171	-0.013125
5.41739	81.8826	81.6091	670.573	687.964	-0.004076	-0.006875	29.369	-0.011875
5.41839	81.8826	82.0193	670.23	687.964	-0.004076	-0.004688	29.4184	-0.01125
5.41939	81.6091	81.8826	670.573	688.511	-0.004076	-0.006563	29.2703	-0.010625
5.42039	82.1561	82.0193	670.344	688.511	0.032609	-0.005938	29.2703	-0.012813
5.42139	81.6091	81.7458	671.03	688.784	-0.004076	-0.007188	29.1223	-0.010625
5.42239	81.8826	82.0193	670.573	688.238	-0.012228	-0.006875	29.369	-0.011563
5.42339	81.7458	81.8826	670.916	689.33	-0.004076	-0.005625	29.5171	-0.010313
5.42439	82.1561	81.8826	670.916	687.964	-0.004076	-0.005938	29.2703	-0.011875
5.42539	81.8826	81.8826	670.002	686.325	-0.036685	-0.01125	28.7769	-0.015625
5.42639	81.3356	81.8826	669.659	687.416	-0.004076	-0.006563	29.1716	-0.0125
5.42739	81.7458	82.2928	670.916	688.238	-0.004076	-0.005938	29.7638	-0.013125
5.42839	81.4724	82.0193	670.801	687.691	-0.004076	-0.007813	29.2703	-0.012188
5.42939	81.7458	82.2928	670.459	687.416	-0.016304	-0.004063	29.369	-0.012188
5.43039	81.8826	82.1561	670.573	688.238	-0.004076	-0.0075	29.0236	-0.013438
5.43139	81.8826	82.8398	670.801	687.964	-0.004076	-0.007188	29.2703	-0.013125
5.43239	82.0193	82.4295	670.916	688.784	-0.004076	-0.005625	29.2703	-0.011563
5.43339	82.1561	82.1561	669.888	687.691	-0.02038	-0.0075	29.1223	-0.011563
5.43439	81.8826	81.8826	670.344	688.238	-0.008152	-0.0075	29.1716	-0.011563
5.43539	81.8826	81.8826	670.573	688.238	-0.004076	-0.006875	29.2703	-0.012813
5.43639	82.0193	81.6091	671.715	688.784	-0.004076	-0.006875	28.9743	-0.00875
5.43739	81.6091	81.6091	670.116	688.238	-0.004076	-0.005938	29.073	-0.014063
5.43839	81.7458	81.6091	670.801	687.691	-0.004076	-0.005938	29.3197	-0.011875

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5.43939	82.703	82.0193	671.03	688.238	0.028532	-0.005938	29.4677	-0.011875
5.44039	81.8091	81.8826	670.459	688.238	0.036885	-0.003438	29.1223	-0.011563
5.44139	82.0193	82.1561	670.801	688.511	-0.008152	-0.005938	29.369	-0.011563
5.44239	81.8826	82.1561	670.573	688.374	-0.004076	-0.005313	29.1716	-0.011875
5.44339	81.8826	81.7458	670.116	688.784	0.044837	-0.005625	29.2703	-0.012188
5.44439	82.1561	82.1561	670.344	687.828	-0.008152	-0.005313	29.1716	-0.010938
5.44539	81.8826	81.7458	670.344	689.877	-0.004076	-0.00625	29.2703	-0.01125
5.44639	81.8091	81.8826	670.573	688.238	-0.004076	-0.005938	29.5664	-0.011563
5.44739	82.4295	82.0193	671.258	687.628	-0.036885	-0.007813	29.221	-0.013438
5.44839	81.8826	81.8091	669.888	687.964	-0.004076	-0.007813	29.3197	-0.012813
5.44939	82.0193	82.2928	670.573	688.101	-0.004076	-0.005938	29.8625	-0.012813
5.45039	81.8826	81.3356	670.573	688.238	-0.004076	-0.006563	29.0236	-0.01125
5.45139	81.7458	81.4724	670.344	688.784	-0.004076	-0.006563	29.3197	-0.011563
5.45239	82.4295	82.1561	670.344	689.057	-0.004076	-0.005625	29.5171	-0.012188
5.45339	81.3356	81.8826	670.573	687.964	-0.004076	-0.006125	29.1223	-0.013125
5.45439	82.2928	81.8826	670.916	688.238	-0.004076	-0.007188	29.4677	-0.013125
5.45539	81.8826	81.7458	670.573	688.101	-0.004076	-0.007813	29.073	-0.011563
5.45639	82.2928	82.1561	670.344	688.511	-0.004076	-0.009063	29.1716	-0.010938
5.45739	82.1561	82.2928	670.916	687.691	-0.004076	-0.005938	29.073	-0.010625
5.45839	82.1561	82.4295	671.943	688.647	-0.004076	-0.005313	29.1223	-0.008125
5.45939	82.0193	81.8826	670.116	688.101	-0.004076	-0.006875	29.073	-0.014063
5.46039	81.8826	81.4724	670.344	687.691	-0.008152	-0.007188	29.0236	-0.012188
5.46139	81.8826	82.1561	670.573	687.691	-0.004076	-0.007813	29.073	-0.014063
5.46239	82.4295	82.0193	671.258	688.647	-0.004076	-0.005938	29.4677	-0.012188
5.46339	81.7458	82.2928	671.03	688.511	-0.004076	-0.006625	29.1716	-0.012188
5.46439	81.8826	82.2928	670.801	688.101	-0.004076	-0.005938	29.2703	-0.012188
5.46539	82.1561	81.8826	670.573	688.511	0.032609	-0.0075	29.073	-0.011875
5.46639	81.7458	81.8826	670.573	687.964	-0.004076	-0.006875	29.1223	-0.011875
5.46739	81.7458	82.0193	671.03	689.33	-0.004076	-0.006875	29.369	-0.012188
5.46839	82.0193	82.4295	670.573	688.784	-0.004076	-0.005313	29.4184	-0.010938
5.46939	81.8826	82.0193	671.03	687.828	-0.004076	-0.007813	29.1716	-0.010938
5.47039	81.8826	82.1561	669.888	687.691	-0.008152	-0.005938	29.2703	-0.012813
5.47139	82.2928	82.1561	670.459	687.964	-0.004076	-0.005313	29.8625	-0.012813
5.47239	81.8826	82.1561	670.573	687.828	-0.004076	-0.005313	29.2703	-0.010313
5.47339	82.4295	82.1561	670.916	688.92	-0.004076	-0.004688	29.073	-0.010938
5.47439	81.3356	82.1561	670.573	688.647	-0.004076	-0.004375	29.0236	-0.010938
5.47539	81.8091	81.8091	670.801	688.238	0.02039	-0.006563	29.3197	-0.013125
5.47639	82.1561	82.1561	670.459	688.101	-0.004076	-0.007188	29.3197	-0.010938
5.47739	81.8826	82.5663	670.459	688.511	-0.008152	-0.007813	29.3197	-0.0125
5.47839	81.7458	82.1561	670.573	688.238	-0.004076	-0.006125	29.369	-0.011563
5.47939	82.1561	82.1561	670.459	687.556	-0.004076	-0.0075	29.2703	-0.013125
5.48039	81.8826	82.1561	672.4	688.238	-0.004076	-0.006563	29.1716	-0.009063
5.48139	81.7458	81.8826	669.659	688.238	-0.004076	-0.005625	29.1716	-0.013125
5.48239	81.1989	82.0193	670.002	687.691	-0.004076	-0.007813	29.5664	-0.012813
5.48339	81.7458	82.1561	670.573	688.238	-0.004076	-0.006875	29.0236	-0.01125
5.48439	82.1561	82.1561	670.344	688.374	-0.004076	-0.003438	29.2703	-0.010625
5.48539	82.1561	82.1561	670.116	687.964	-0.004076	-0.006875	29.221	-0.012188
5.4864	82.0193	82.703	670.344	688.238	-0.004076	-0.005938	29.3197	-0.010625
5.4874	81.8826	81.8826	670.459	688.511	0.028532	-0.00625	29.1716	-0.012813

5.4884	82.0193	81.8826	670.801	688.511	-0.004076	-0.006563	29.3197	-0.010625
5.4894	81.3356	82.1561	670.459	689.057	-0.004076	-0.005313	29.2703	-0.011563
5.4904	81.7458	81.8826	670.801	687.145	-0.004076	-0.005313	29.0236	-0.01125
5.4914	81.8826	82.1561	671.03	687.281	-0.004076	-0.005938	29.1716	-0.009063
5.4924	81.6091	82.1561	670.344	688.511	-0.004076	-0.007188	29.1223	-0.012813
5.4934	81.8826	81.6091	670.687	688.238	-0.004076	-0.005625	29.7144	-0.013125
5.4944	82.0193	82.2928	670.573	688.238	-0.004076	-0.005313	29.3197	-0.012188
5.4954	81.8826	82.2928	670.459	688.784	-0.004076	-0.005938	29.1716	-0.012813
5.4964	81.8826	81.8826	670.344	688.511	-0.004076	-0.005313	29.5171	-0.012188
5.4974	81.8826	81.8826	670.573	687.828	-0.004076	-0.006875	29.1223	-0.010313
5.4984	82.1561	81.8826	670.002	687.828	-0.004076	-0.005938	29.221	-0.010625
5.4994	81.8826	82.4295	670.344	688.101	-0.004076	-0.007813	29.369	-0.010938
5.5004	82.1561	82.2928	670.344	689.194	-0.004076	-0.007188	29.1223	-0.012813
5.5014	82.1561	81.7458	670.344	687.418	-0.004076	-0.006563	29.2703	-0.010313
5.5024	82.4295	82.1561	671.03	688.238	-0.012228	-0.006875	29.2703	-0.010313
5.5034	81.8826	82.0193	670.459	687.691	-0.004076	-0.006875	29.073	-0.012813
5.5044	81.7458	81.8826	670.801	688.784	-0.004076	-0.005625	29.7636	-0.010313
5.5054	81.7458	82.0193	670.116	687.964	-0.004076	-0.007813	29.221	-0.010938
5.5064	81.3356	82.0193	670.916	688.238	-0.004076	-0.005938	29.369	-0.010313
5.5074	81.6091	81.6091	670.801	687.691	-0.004076	-0.005625	29.4184	-0.010313
5.5084	82.0193	82.1561	670.573	688.238	-0.004076	-0.00625	29.221	-0.011563
5.5094	81.6091	81.8826	670.573	688.238	0.02038	-0.005313	29.1223	-0.013438
5.5104	81.8826	81.8826	670.459	688.101	-0.004076	-0.006125	29.1716	-0.012813
5.5114	82.2928	82.1561	671.03	689.194	0.024456	-0.005938	29.4184	-0.010938
5.5124	82.1561	81.8826	670.116	688.101	-0.008152	-0.006125	29.073	-0.011875
5.5134	81.8826	81.1989	671.258	689.057	-0.004076	-0.005625	29.1716	-0.011563
5.5144	81.7458	82.4295	670.459	688.101	-0.004076	-0.006563	29.1223	-0.014063
5.5154	81.8826	81.7458	670.459	688.238	-0.004076	-0.005625	29.3197	-0.011875
5.5164	81.7458	82.1561	670.801	688.238	-0.004076	-0.005625	29.369	-0.012188
5.5174	82.2928	82.2928	670.916	688.238	-0.004076	-0.005938	28.6756	-0.011875
5.5184	82.1561	82.0193	670.916	688.784	-0.004076	-0.006563	29.3197	-0.012813
5.5194	81.7458	81.8826	670.344	688.511	0.032609	-0.005625	29.1716	-0.011563
5.5204	81.3356	82.1561	670.573	688.101	-0.004076	-0.0075	29.1223	-0.010938
5.5214	81.8826	82.1561	670.801	688.238	-0.004076	-0.00625	29.221	-0.01125
5.5224	81.8826	81.3356	670.459	688.92	-0.004076	-0.005625	29.2703	-0.010938
5.5234	82.1561	81.8826	670.573	687.691	-0.02038	-0.006875	29.0236	-0.012188
5.5244	81.1989	82.1561	670.344	687.964	-0.004076	-0.004688	29.2703	-0.010313
5.5254	81.6091	81.8826	670.23	687.828	-0.008152	-0.00625	29.1223	-0.011563
5.5264	82.0193	82.2928	670.344	688.511	-0.004076	-0.005938	29.7144	-0.0125
5.5274	82.4295	82.1561	670.801	687.964	-0.004076	-0.005938	29.4184	-0.012813
5.5284	82.1561	82.4295	670.573	688.238	-0.004076	-0.006875	29.1716	-0.013438
5.5294	81.7458	81.8826	670.573	687.828	-0.004076	-0.004688	29.3197	-0.010938
5.5304	81.8826	82.0193	670.801	688.374	0.02038	-0.005938	29.1716	-0.012188
5.5314	81.6091	82.0193	670.573	687.964	0.028532	-0.005313	29.0236	-0.009688
5.5324	81.6091	81.3356	670.573	687.691	-0.004076	-0.009688	29.1223	-0.012188
5.5334	81.8826	82.1561	670.23	689.057	-0.004076	-0.006875	29.4184	-0.011875
5.5344	82.2928	82.2928	669.888	687.145	-0.004076	-0.007813	29.2703	-0.011563
5.5354	81.8826	82.4295	670.916	687.964	-0.004076	-0.006563	28.9743	-0.010313
5.5364	81.6091	82.0193	670.116	687.691	-0.004076	-0.005938	29.1716	-0.012813

5.5374	81.6091	81.8826	670.116	687.964	0.02038	-0.006563	29.221	-0.012813
5.5384	81.8826	82.1561	670.573	688.511	0.02038	-0.006875	29.073	-0.012188
5.5394	81.8826	81.8826	670.116	688.238	-0.004076	-0.007188	29.1716	-0.010313
5.5404	82.1561	82.1561	670.573	688.647	-0.004076	-0.005625	28.9743	-0.010938
5.5414	81.8826	82.2928	670.573	688.647	-0.004076	-0.00625	29.0236	-0.010938
5.5424	81.8826	82.0193	670.344	687.964	0.02038	-0.006563	28.9249	-0.012813
5.5434	81.7458	81.8826	670.116	688.511	-0.004076	-0.005313	29.221	-0.010313
5.5444	81.8826	82.0193	670.344	688.101	-0.004076	-0.00625	29.221	-0.010938
5.5454	82.1561	82.1561	671.03	688.101	-0.004076	-0.007188	29.1716	-0.012813
5.5464	81.8826	82.1561	670.573	688.647	-0.004076	-0.005313	29.1223	-0.009375
5.5474	82.4295	82.0193	670.344	688.238	-0.004076	-0.007813	29.369	-0.014688
5.5484	81.7458	81.3356	670.573	688.784	-0.004076	-0.004688	29.2703	-0.011875
5.5494	81.8826	82.2928	670.459	688.647	-0.004076	-0.004688	29.369	-0.010938
5.5504	82.1561	81.8826	670.573	688.647	-0.004076	-0.004688	29.2703	-0.013125
5.5514	81.8826	82.1561	670.344	688.057	-0.004076	-0.005313	29.1223	-0.011875
5.5524	82.1561	82.2928	670.23	688.374	-0.004076	-0.007813	28.9743	-0.012813
5.5534	81.3356	82.0193	670.344	687.964	-0.004076	-0.0075	28.9743	-0.012188
5.5544	82.0193	81.8826	670.116	687.964	-0.004076	-0.006563	29.1223	-0.010938
5.5554	81.8826	81.8826	670.23	689.33	-0.004076	-0.006563	28.9743	-0.011563
5.5564	82.2928	82.1561	670.573	687.964	-0.004076	-0.00625	29.1716	-0.010313
5.5574	81.8826	82.4295	670.23	687.964	-0.004076	-0.010313	29.1716	-0.010313
5.5584	82.0193	81.8826	670.573	687.964	-0.004076	-0.006563	28.8756	-0.011563
5.5594	81.6091	82.4295	670.116	687.145	-0.008152	-0.008438	29.073	-0.011875
5.5604	81.8826	81.4724	670.116	687.555	-0.004076	-0.006563	29.3197	-0.011563
5.5614	82.0193	82.4295	670.344	687.964	-0.004076	-0.006563	28.9743	-0.011563
5.5624	81.7458	81.8826	670.459	687.964	-0.004076	-0.007813	28.9743	-0.014063
5.5634	81.7458	81.6091	670.344	687.418	-0.004076	-0.008125	28.9249	-0.012188
5.5644	81.8826	81.8826	670.116	687.891	0.052969	-0.007188	28.7769	-0.012188
5.5654	82.1561	82.2928	670.687	688.784	-0.004076	-0.005938	28.9249	-0.011563
5.5664	81.7458	81.8826	670.344	688.647	-0.004076	-0.006875	28.7275	-0.012188
5.5674	81.4724	82.0193	670.573	687.828	-0.004076	-0.007188	29.073	-0.011563
5.5684	81.7458	82.2928	670.573	688.647	-0.004076	-0.00625	28.7275	-0.013438
5.5694	81.8826	81.8826	669.202	687.145	-0.008152	-0.010313	28.8756	-0.014063
5.5704	82.0193	82.2928	670.116	687.691	-0.004076	-0.005625	28.6782	-0.013438
5.5714	82.0193	82.1561	670.801	688.511	0.028532	-0.004375	29.1223	-0.010938
5.5724	81.7458	82.1561	670.573	688.511	0.02038	-0.005313	29.073	-0.010313
5.5734	81.8826	82.703	670.116	687.691	-0.004076	-0.004063	28.8756	-0.012188
5.5744	81.8826	82.2928	670.23	688.238	-0.004076	-0.005313	28.9249	-0.010313
5.5754	81.4724	82.1561	670.459	688.511	-0.004076	-0.005313	28.7769	-0.0125
5.5764	81.3356	82.2928	671.03	688.238	-0.004076	-0.005313	29.2703	-0.01125
5.5774	82.1561	82.1561	670.916	689.74	-0.004076	-0.005625	29.1716	-0.010938
5.5784	82.0193	82.1561	670.116	687.964	-0.004076	-0.007188	28.9249	-0.012813
5.5794	82.0193	82.1561	670.002	687.964	-0.004076	-0.005938	29.1223	-0.011563
5.5804	81.8826	81.3356	670.116	687.964	-0.008152	-0.007813	28.9743	-0.011563
5.5814	82.1561	82.2928	670.344	688.238	-0.004076	-0.007188	28.7275	-0.012813
5.5824	81.6091	81.8826	670.459	688.374	-0.004076	-0.005625	29.2703	-0.012188
5.5834	81.6091	82.1561	670.459	688.238	-0.004076	-0.006563	28.5795	-0.012813
5.5844	81.7458	82.2928	670.002	687.964	-0.004076	-0.0075	28.6282	-0.012188
5.5854	81.7458	82.1561	669.888	687.691	-0.004076	-0.00875	28.7769	-0.011875

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5.5864	81.8826	81.8826	670.116	688.101	0.044637	-0.008125	28.7769	-0.012188
5.5874	81.7458	82.1561	670.23	687.828	-0.004076	-0.005938	28.7769	-0.011563
5.5884	81.8826	82.1561	670.116	688.238	-0.004076	-0.006563	28.8756	-0.010313
5.5894	81.7458	81.6091	670.116	687.964	-0.008152	-0.005313	28.8756	-0.010625
5.5904	81.8826	81.6091	670.344	687.691	-0.004076	-0.007188	28.6782	-0.012188
5.5914	81.6091	82.0193	669.202	687.008	-0.036685	-0.008125	28.3821	-0.013438
5.5924	81.7458	81.6091	669.888	688.238	-0.004076	-0.005938	28.7275	-0.012188
5.5934	81.8826	81.7458	670.116	689.194	-0.004076	-0.006563	28.9743	-0.011563
5.5944	81.8826	81.6091	669.659	688.238	-0.004076	-0.007813	28.9249	-0.012813
5.5954	82.1561	82.0193	670.459	688.101	-0.004076	-0.00375	28.9743	-0.011563
5.5964	81.8826	81.8826	670.459	688.238	0.028532	-0.005625	28.6782	-0.011563
5.5974	82.1561	82.2928	670.116	688.101	0.024456	-0.005313	28.8756	-0.010938
5.5984	82.1561	82.0193	669.888	687.964	-0.004076	-0.005938	28.9743	-0.010938
5.5994	81.8826	81.8826	669.888	688.92	-0.012228	-0.005938	28.9743	-0.010625
5.6004	81.8826	81.6091	670.116	687.418	-0.004076	-0.00625	28.7769	-0.0125
5.6014	81.0622	82.1561	670.002	687.964	-0.004076	-0.005313	28.7275	-0.01375
5.6024	81.6091	81.8826	669.888	687.145	-0.004076	-0.007813	28.6782	-0.014063
5.6034	81.8826	81.6091	669.888	687.555	-0.004076	-0.005313	28.7769	-0.012813
5.6044	81.8826	82.4295	670.573	688.238	-0.004076	-0.004063	29.1716	-0.010313
5.6054	82.1561	82.2928	670.344	687.964	-0.004076	-0.005313	28.7769	-0.010938
5.6064	81.7458	81.8826	670.116	688.238	-0.004076	-0.003438	28.8262	-0.010625
5.6074	81.8826	82.4295	669.888	687.691	-0.004076	-0.007188	28.6289	-0.012188
5.6084	82.1561	82.1561	670.002	688.238	0.036685	-0.005625	28.6289	-0.011563
5.6094	82.2928	82.1561	670.573	688.238	-0.012228	-0.007813	28.6782	-0.0125
5.6104	81.7458	82.1561	670.459	688.238	-0.004076	-0.007188	28.6289	-0.012813
5.6114	81.8826	82.2928	669.659	687.145	-0.004076	-0.006563	28.7769	-0.011875
5.6124	82.4295	82.1561	671.03	688.238	0.024456	-0.006563	28.9249	-0.009063
5.6134	81.8826	82.0193	668.974	686.872	-0.036685	-0.00875	27.9874	-0.014688
5.6144	82.0193	82.1561	669.888	688.374	0.02038	-0.004063	28.6795	-0.012813
5.6154	82.1561	82.0193	670.459	687.964	-0.004076	-0.005313	28.8756	-0.012813
5.6164	81.7458	82.2928	670.116	688.238	-0.004076	-0.006563	28.4315	-0.011875
5.6174	82.2928	82.2928	670.116	688.238	-0.012228	-0.003438	28.6289	-0.012813
5.6184	81.6091	81.8826	669.888	687.691	-0.004076	-0.005938	28.6782	-0.012188
5.6194	81.8826	82.1561	669.888	688.238	-0.004076	-0.006875	28.5795	-0.011875
5.6204	81.8826	81.8826	669.888	688.511	-0.004076	-0.007813	28.5302	-0.013125
5.6214	81.7458	82.4295	670.344	687.828	-0.004076	-0.005938	28.9743	-0.011563
5.6224	81.7458	82.4295	670.116	688.647	-0.004076	-0.007813	28.7769	-0.011563
5.6234	81.8826	82.0193	670.673	688.238	-0.004076	-0.005313	28.5795	-0.012188
5.6244	81.7458	82.1561	669.659	685.916	-0.036685	-0.006688	28.3821	-0.013438
5.62541	82.0193	81.8826	669.773	687.418	-0.004076	-0.005938	28.7275	-0.011875
5.62641	82.4295	82.1561	669.659	687.691	-0.004076	-0.005625	29.3197	-0.012188
5.62741	81.8826	81.7458	669.888	687.691	-0.004076	-0.005313	28.7769	-0.0125
5.62841	81.8826	82.4295	670.344	687.964	-0.004076	-0.002813	28.9249	-0.012813
5.62941	82.0193	82.703	669.545	687.691	-0.004076	-0.006563	28.9249	-0.01125
5.63041	81.7458	81.7458	670.116	687.964	0.052989	-0.005313	28.7769	-0.010625
5.63141	81.8826	81.8826	670.23	687.828	-0.004076	-0.005938	28.7769	-0.012813
5.63241	82.2928	82.0193	670.344	688.101	-0.004076	-0.006563	28.8262	-0.010938
5.63341	82.1561	82.1561	670.344	688.511	0.028532	-0.007188	28.6302	-0.012188
5.63441	81.8826	81.7458	669.888	687.418	-0.008152	-0.0075	28.7275	-0.012813

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5.63541	81.8826	82.4295	666.974	685.779	-0.062989	-0.010313	28.3821	-0.014063
5.63641	81.8826	82.4295	669.545	687.008	-0.008152	-0.006563	28.5795	-0.012813
5.63741	81.7458	82.1561	669.773	687.828	-0.004076	-0.007813	28.7769	-0.011563
5.63841	82.4295	82.0193	669.888	687.964	-0.004076	-0.004688	28.2341	-0.010625
5.63941	81.8826	81.8826	669.659	687.555	-0.004076	-0.004063	28.4808	-0.012813
5.64041	81.8826	82.1561	670.344	687.828	-0.004076	-0.005625	28.5795	-0.011563
5.64141	81.8826	82.2928	670.116	688.238	0.044837	-0.007188	28.5795	-0.011563
5.64241	81.8826	81.7458	669.659	687.691	-0.004076	-0.006875	28.4315	-0.013438
5.64341	81.4724	82.1561	670.002	688.101	-0.004076	-0.006563	28.6782	-0.012813
5.64441	81.6091	82.1561	670.116	688.511	-0.012228	-0.006563	28.5302	-0.011563
5.64541	81.8826	82.0193	670.116	687.691	-0.004076	-0.007188	28.3821	-0.011875
5.64641	82.4295	82.2928	669.888	686.052	-0.036685	-0.010313	28.1847	-0.013438
5.64741	81.3356	82.2928	669.659	687.555	-0.004076	-0.005938	28.6289	-0.013125
5.64841	81.8826	82.4295	669.659	688.101	-0.004076	-0.005	29.1223	-0.011563
5.64941	82.1561	82.1561	669.773	687.828	-0.004076	-0.005625	28.8756	-0.010938
5.65041	82.0193	82.4295	669.545	687.691	-0.004076	-0.00375	28.6289	-0.014063
5.65141	81.7458	82.4295	669.202	687.416	-0.004076	-0.00875	28.6782	-0.012813
5.65241	82.1561	81.8826	669.545	687.828	0.028532	-0.005938	28.8756	-0.012188
5.65341	82.4295	82.0193	670.459	687.691	-0.004076	-0.006563	28.7769	-0.011563
5.65441	82.2928	82.1561	670.002	687.281	-0.004076	-0.007188	28.5795	-0.011563
5.65541	81.8826	81.8826	670.116	687.964	-0.004076	-0.005313	28.5795	-0.010938
5.65641	81.8826	82.0193	670.23	687.691	-0.012228	-0.005938	28.6289	-0.01125
5.65741	81.8826	81.8826	669.888	687.145	-0.012228	-0.009688	28.6289	-0.009063
5.65841	81.6091	82.703	669.431	687.008	-0.016304	-0.006563	28.8756	-0.013125
5.65941	82.1561	82.0193	670.23	688.511	-0.004076	-0.004688	29.1716	-0.012813
5.66041	81.7458	82.0193	669.888	687.964	-0.004076	-0.005313	28.6782	-0.012813
5.66141	81.6091	82.0193	669.888	687.418	0.02038	-0.005625	28.7769	-0.011875
5.66241	82.4295	81.8826	670.344	687.828	-0.004076	-0.005938	28.3328	-0.012813
5.66341	81.6091	81.8826	670.23	688.101	0.069293	-0.006563	28.7769	-0.011875
5.66441	82.4295	82.0193	669.202	687.145	-0.004076	-0.007813	28.4808	-0.010938
5.66541	81.3356	81.7458	669.888	687.691	-0.004076	-0.005938	28.7769	-0.010313
5.66641	81.3356	81.7458	669.659	688.374	-0.004076	-0.006563	28.6289	-0.010938
5.66741	81.7458	82.0193	669.888	686.872	-0.004076	-0.007813	28.5795	-0.012813
5.66841	81.8826	82.0193	670.344	686.872	-0.036685	-0.010313	28.3821	-0.012813
5.66941	81.7458	81.6091	669.431	687.691	-0.004076	-0.007188	28.5302	-0.011875
5.67041	81.7458	82.1561	670.116	687.691	-0.004076	-0.007188	28.8756	-0.012188
5.67141	81.3356	82.1561	669.659	687.145	-0.004076	-0.005313	28.5302	-0.011875
5.67241	82.0193	82.1561	670.344	688.101	0.024456	-0.003438	28.5795	-0.011875
5.67341	81.8826	82.1561	670.116	687.964	-0.004076	-0.005313	28.7769	-0.010313
5.67441	81.8826	82.1561	669.088	687.964	0.032609	-0.005625	28.7769	-0.011563
5.67541	81.8826	82.2928	670.116	687.828	-0.004076	-0.00625	28.5795	-0.012813
5.67641	81.8826	82.4295	669.888	687.555	-0.004076	-0.004688	28.6782	-0.013125
5.67741	81.7458	82.0193	669.431	687.964	-0.004076	-0.00625	28.7769	-0.011563
5.67841	82.4295	82.2928	669.202	687.964	-0.004076	-0.005313	28.7769	-0.011563
5.67941	81.8826	81.3356	670.344	687.008	-0.004076	-0.005938	28.7769	-0.010313
5.68041	81.8826	81.6091	668.745	686.599	-0.004076	-0.007813	28.4808	-0.015313
5.68141	81.8826	82.1561	669.659	687.555	-0.004076	-0.004688	29.3197	-0.010313
5.68241	81.3356	82.1561	670.002	687.555	-0.004076	-0.005313	28.6262	-0.011563
5.68341	82.2928	82.1561	669.545	687.416	-0.004076	-0.005938	28.9249	-0.011563

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5.68441	81.6091	81.8826	669.773	687.145	-0.004076	-0.003438	28.5795	-0.011563
5.68541	81.8826	81.8826	669.317	687.691	-0.004076	-0.00625	28.7275	-0.010938
5.68641	81.6091	81.7458	669.659	687.555	0.02038	-0.005938	28.7275	-0.010625
5.68741	82.1561	82.1561	669.773	687.418	-0.004076	-0.005938	28.7769	-0.011563
5.68841	82.0193	81.8826	669.888	687.964	-0.004076	-0.005938	28.7769	-0.012813
5.68941	81.8826	81.8826	669.202	686.872	-0.004076	-0.004688	28.8756	-0.010313
5.69041	81.8826	82.5663	670.573	687.691	-0.004076	-0.005313	28.7769	-0.01
5.69141	81.8826	81.7458	669.431	687.418	-0.008152	-0.005313	28.5795	-0.012813
5.69241	81.8826	82.0193	670.116	687.145	-0.004076	-0.006875	29.0236	-0.01375
5.69341	82.1561	81.8826	669.431	687.145	0.02038	-0.005313	28.6782	-0.011563
5.69441	81.7458	81.3356	669.659	687.281	-0.004076	-0.004063	28.7769	-0.012188
5.69541	82.0193	82.703	669.659	687.418	-0.004076	-0.005938	28.5795	-0.011563
5.69641	81.1989	82.1561	669.888	687.418	0.02038	-0.005938	28.6782	-0.011563
5.69741	81.3356	82.1561	669.773	687.418	0.024456	-0.006563	28.7769	-0.012188
5.69841	81.8826	82.1561	669.659	687.418	-0.012228	-0.005938	28.3821	-0.011875
5.69941	81.8826	82.4295	669.202	686.236	-0.004076	-0.006438	28.6782	-0.011875
5.70041	82.1561	82.1561	669.888	686.735	-0.004076	-0.006563	28.9249	-0.012813
5.70141	82.4295	82.1561	670.801	687.691	-0.004076	-0.00625	28.7275	-0.010313
5.70241	81.7458	81.7458	668.745	686.872	-0.012228	-0.00625	28.7275	-0.010938
5.70341	81.8826	82.4295	669.659	687.418	-0.024456	-0.005313	29.2703	-0.010313
5.70441	81.8826	82.0193	669.545	687.418	-0.004076	-0.004688	28.9743	-0.010313
5.70541	81.8826	82.1561	669.202	687.418	-0.004076	-0.003438	28.5302	-0.009063
5.70641	81.8826	81.8826	669.202	687.145	-0.004076	-0.0025	28.7275	-0.009375
5.70741	81.7458	82.1561	669.888	687.418	0.02038	-0.005625	29.1223	-0.008125
5.70841	82.4295	82.1561	670.344	687.281	0.040761	-0.005313	28.9743	-0.010313
5.70941	81.8826	81.8826	669.888	687.555	-0.004076	-0.005313	28.8262	-0.009688
5.71041	81.3356	82.1561	669.888	688.647	-0.004076	-0.006563	29.1223	-0.009688
5.71141	81.3356	82.1561	670.002	686.872	0.02038	-0.006875	28.9743	-0.011875
5.71241	82.0193	82.0193	669.659	687.008	0.02038	-0.005625	28.7275	-0.008438
5.71341	81.7458	82.0193	669.659	687.145	-0.004076	-0.00625	28.5302	-0.011563
5.71441	81.8826	82.1561	669.888	686.872	-0.004076	-0.005938	29.1223	-0.011875
5.71541	82.0193	82.0193	669.431	687.418	-0.004076	-0.005313	28.7769	-0.010625
5.71641	82.0193	81.8826	669.088	687.145	-0.004076	-0.004063	28.8262	-0.011563
5.71741	81.8826	81.8826	669.431	687.555	0.028532	-0.00625	28.7769	-0.012188
5.71841	81.8826	82.4295	669.888	687.281	-0.004076	-0.005313	28.7275	-0.011563
5.71941	81.8826	82.1561	669.431	687.008	0.02038	-0.005625	28.7275	-0.011875
5.72041	82.0193	82.2928	669.659	688.101	-0.004076	-0.006438	28.7275	-0.013125
5.72141	82.1561	81.8826	669.202	687.418	-0.004076	-0.006563	28.7769	-0.010938
5.72241	81.8826	82.2928	669.317	686.325	-0.004076	-0.005313	28.7769	-0.010313
5.72341	81.8826	81.8826	670.344	687.145	-0.004076	-0.006875	28.5302	-0.0075
5.72441	81.7458	81.1989	669.202	687.145	-0.004076	-0.006563	28.6289	-0.012813
5.72541	81.8826	82.0193	669.659	687.145	-0.004076	-0.006875	28.7769	-0.014063
5.72641	82.4295	81.8826	669.202	686.599	-0.028532	-0.006563	28.8756	-0.012813
5.72741	81.7458	81.8826	669.545	687.418	-0.004076	-0.005938	28.7769	-0.011563
5.72841	82.0193	82.1561	670.116	687.145	0.036685	-0.005938	28.6782	-0.012188
5.72941	81.7458	81.3356	669.659	687.008	-0.004076	-0.006563	28.6289	-0.011875
5.73041	81.8826	81.3356	669.659	687.691	0.028532	-0.006563	29.0236	-0.011563
5.73141	81.8826	82.703	669.773	687.418	-0.004076	-0.005938	29.0236	-0.012813

0	76.9617	86.533	13.7061	3.68772	39.0609	0.024063	-0.533867	5.19844
0.001	76.9617	86.2593	13.9346	4.23405	39.9372	0.020938	-0.632557	5.19531
0.002	76.9617	85.9857	13.9346	3.96088	40.2959	0.020938	-0.435178	5.19469
0.003	77.235	86.1225	13.5919	3.96088	40.4671	0.019688	-0.435178	5.19969
0.004	77.3716	85.7121	13.8204	4.23405	40.5527	0.021875	-0.435178	5.19969
0.005	76.9617	86.2593	13.9346	4.78038	40.2674	0.021563	-0.533867	5.19844
0.006	77.0983	85.9857	13.8204	4.23405	39.7457	0.020938	-0.484523	5.19594
0.007001	77.0983	85.9857	14.163	3.41455	38.9631	0.019688	-0.533867	5.19719
0.008001	77.3716	86.2593	13.7061	3.8243	39.2076	0.020625	-0.484523	5.19844
0.009001	77.5083	85.7121	14.0488	3.8243	40.3326	0.020313	-0.069765	5.20094
0.010001	77.5083	85.4385	13.5919	3.96088	41.1071	0.022188	-0.484523	5.19719
0.011001	76.9617	86.1225	14.163	3.68772	41.3353	0.023125	-0.287144	5.19594
0.012001	76.9617	86.3962	13.1351	3.8243	41.3312	0.023125	-0.533867	5.19656
0.013001	76.9617	86.1225	14.0488	3.96088	41.3679	0.021875	-0.681901	5.18469
0.014001	77.235	86.1225	14.0488	3.96088	40.9114	0.022188	-0.632557	5.16375
0.015001	77.235	85.4385	14.0488	3.96088	39.5337	0.020938	-0.435178	5.14313
0.016001	77.235	85.7121	13.9346	4.78038	38.3394	0.019688	-0.484523	5.15719
0.017001	77.5083	85.5753	13.9346	3.27797	38.4291	0.020625	-0.583212	5.20906
0.018001	76.9617	86.2593	14.5057	4.23405	38.7674	0.020938	-0.435178	5.19969
0.019001	76.9617	85.9857	14.0488	4.23405	39.4033	0.021563	-0.484523	5.19812
0.020001	76.9617	86.1225	13.5919	3.68772	40.1818	0.020938	-0.336488	5.19344
0.021002	77.235	86.1225	13.3635	3.55114	39.6234	0.02125	-0.533867	5.19219
0.022002	76.9617	86.1225	14.2772	3.96088	39.4766	0.024063	-0.435178	5.19969
0.023002	76.9617	86.1225	14.2772	3.68772	39.3218	0.019375	-0.533867	5.20219
0.024002	77.235	86.8066	13.8204	3.14139	38.4332	0.019688	-0.435178	5.19844
0.025002	76.9617	85.9857	14.163	4.09747	39.2973	0.019688	-0.583212	5.19312
0.026002	76.9617	85.3017	13.8204	3.8243	40.6424	0.019688	-0.731246	5.19469
0.027002	77.0983	86.2593	13.1351	4.50721	41.1397	0.020938	-0.533867	5.20156
0.028002	77.235	85.9857	14.163	3.68772	41.4372	0.021563	-0.632557	5.20094
0.029002	77.0983	86.2593	14.9625	3.8243	41.6777	0.020938	-0.681901	5.19594
0.030002	77.7816	85.9857	13.3635	4.09747	41.6043	0.022188	-0.632557	5.16656
0.031002	76.9617	86.3962	14.5057	3.8243	40.9359	0.020625	-0.13911	5.15031
0.032002	76.9617	86.533	13.8204	3.68772	40.2307	0.019688	-0.435178	5.14156
0.033002	76.9617	85.8489	13.5919	4.50721	38.6163	0.020313	-0.484523	5.19719
0.034002	76.6884	86.1225	13.8204	3.68772	38.7511	0.019375	-0.533867	5.19969
0.035003	77.235	86.1225	14.0488	4.23405	40.0228	0.019063	-0.583212	5.19469
0.036003	77.3716	86.1225	14.163	4.09747	39.5826	0.020313	-0.336488	5.19969
0.037003	76.9617	86.2593	14.2772	4.23405	40.0228	0.020313	-0.435178	5.19644
0.038003	77.235	85.9857	14.0488	5.3267	40.5283	0.020938	-0.287144	5.19675
0.039003	77.235	85.8489	14.5057	3.68772	39.4522	0.022188	-0.533867	5.19531
0.040003	76.9617	86.1225	14.2772	4.23405	38.8571	0.019688	-0.435178	5.19969
0.041003	76.9617	86.6898	14.2772	3.8243	38.8163	0.021563	-0.435178	5.19937
0.042003	76.9617	86.2593	13.5919	4.50721	39.6109	0.020938	-0.188454	5.19969
0.043003	77.235	85.5753	14.3914	3.8243	40.9073	0.019688	-0.04042	5.19719
0.044003	77.235	86.2593	14.2772	4.64379	41.7796	0.021563	-0.533867	5.19594
0.045003	77.5083	85.7121	13.8204	3.68772	42.0853	0.021563	-0.435178	5.19781
0.046003	76.9617	85.9857	13.9346	3.27797	42.1913	0.021563	-0.336488	5.19156
0.047003	76.825	86.2593	13.9346	3.8243	42.4603	0.020938	-0.583212	5.16469
0.048004	77.7816	86.2593	14.0488	4.23405	41.3679	0.021563	-0.829936	5.14125

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0.049004	77.235	86.1226	14.5057	5.05354	40.2837	0.022188	-0.632557	5.16437
0.050004	76.9617	86.9857	14.0488	3.27797	38.6777	0.020625	-0.681901	5.20906
0.051004	77.235	86.6698	15.191	4.23405	39.7538	0.021563	-0.583212	5.20219
0.052004	77.5083	85.8489	13.8204	4.23405	40.6466	0.019063	-0.583212	5.19906
0.053004	76.825	86.8066	14.3914	4.09747	40.1859	0.019063	-0.089765	5.19594
0.054004	76.9617	86.1225	14.0488	3.8243	40.137	0.021563	-0.484523	5.19656
0.055004	76.825	85.9857	13.1351	4.09747	40.3978	0.02125	-0.336488	5.19812
0.056004	76.9617	85.9857	13.3635	3.96088	39.3054	0.023125	-0.435178	5.20094
0.057004	76.9617	86.3962	13.9346	4.91696	38.6859	0.02125	-0.435178	5.19906
0.058004	77.235	85.9857	13.5919	3.96088	38.5391	0.02125	-0.632557	5.19719
0.059004	76.9617	86.533	13.1351	3.96088	39.0609	0.020625	-0.533867	5.20187
0.060004	76.9617	86.6698	13.8204	5.05354	40.8669	0.019688	-0.632557	5.19969
0.061004	76.6884	85.9857	14.163	3.8243	41.0337	0.020938	-0.484523	5.19969
0.062005	77.235	86.8066	14.3914	4.23405	41.2905	0.019688	-0.435178	5.19719
0.063005	77.235	86.1225	13.8204	3.41455	41.9264	0.020625	-0.829936	5.16969
0.064005	77.5083	85.9857	13.5919	4.23405	41.5636	0.02125	-0.435178	5.15344
0.065005	77.235	86.2593	13.9346	4.09747	40.1451	0.020625	-0.435178	5.14844
0.066005	77.235	86.1225	13.4777	4.09747	38.1315	0.0225	-0.435178	5.20313
0.067005	77.3716	85.9857	14.5057	4.64379	39.4155	0.024063	-0.336488	5.19781
0.068005	77.235	86.1225	14.0488	3.41455	39.9739	0.020313	-0.533867	5.19594
0.069005	76.9617	85.9857	13.4777	4.37063	40.1981	0.019688	-0.435178	5.20156
0.070005	77.235	86.533	13.5919	3.68772	40.4223	0.019063	-0.435178	5.20281
0.071005	76.4151	86.2593	14.2772	4.50721	40.406	0.020938	-0.237799	5.20219
0.072005	77.235	85.9857	14.0488	4.23405	39.6927	0.019375	-0.287144	5.19875
0.073005	77.0983	86.2593	14.9625	3.96088	39.2198	0.022188	-0.435178	5.20094
0.074005	77.6449	86.2593	13.0208	3.14139	38.3435	0.01875	-0.533867	5.19969
0.075005	77.235	85.1649	13.8204	3.27797	37.7078	0.02125	-0.287144	5.20219
0.076005	77.5083	86.1225	14.163	3.8243	38.694	0.022188	-0.435178	5.20187
0.077005	77.6449	86.2593	14.2772	4.78038	40.1125	0.022813	-0.632557	5.1975
0.078005	77.3716	85.8489	13.5919	3.55114	40.7524	0.024063	-0.583212	5.19969
0.079005	76.9617	85.9857	13.9346	3.96088	41.1723	0.020313	-0.632557	5.18594
0.080005	76.9617	85.8489	13.8204	3.14139	41.1601	0.021563	-0.435178	5.16594
0.081005	77.235	85.9857	14.0488	3.8243	41.1764	0.020625	-0.583212	5.14406
0.082005	77.235	85.9857	13.9346	5.3267	40.1614	0.020938	-0.533867	5.18281
0.083005	77.5083	85.7121	13.5919	3.55114	38.209	0.020938	-0.533867	5.21062
0.084005	76.9617	85.9857	13.9346	3.14139	39.7742	0.02125	-0.632557	5.20219
0.085005	76.6884	86.8066	14.2772	3.96088	40.406	0.022188	-0.385833	5.19969
0.086005	77.235	86.1225	13.5919	3.68772	40.4467	0.02125	-0.681901	5.19562
0.087005	77.3716	85.4385	13.9346	4.23405	40.6466	0.019688	-0.435178	5.19656
0.088005	77.0983	85.9857	13.8204	4.64379	40.7666	0.021563	-0.336488	5.20187
0.089005	77.235	86.1225	13.4777	4.50721	40.5201	0.019688	-0.484523	5.20344
0.090007	76.6884	85.9857	14.163	4.23405	39.7579	0.019688	-0.435178	5.20187
0.091007	77.7816	85.9857	13.7061	4.09747	38.6614	0.018438	-0.583212	5.19844
0.092007	76.9617	86.2593	13.4777	3.68772	38.5514	0.02125	-0.484523	5.19969
0.093007	77.235	86.1225	13.9346	4.50721	39.9821	0.021563	-0.435178	5.20406
0.094007	77.3716	85.9857	13.5919	3.8243	40.4284	0.021563	-0.632557	5.2025
0.095007	76.9617	86.1225	14.5057	3.8243	41.213	0.020313	-0.632557	5.19719
0.096007	77.5083	86.1225	13.4777	3.00481	41.7307	0.020938	-0.731246	5.17094
0.097007	76.9617	86.6698	13.8204	4.23405	41.5228	0.0225	-0.287144	5.15219

0.098007	77.235	86.2593	14.3914	4.23405	41.0418	0.021875	-0.435178	5.14594
0.099007	76.4151	85.9857	13.8204	3.96088	39.2728	0.019688	-0.188454	5.20594
0.100007	77.235	85.7121	14.5057	3.96088	38.584	0.022813	-0.435178	5.19969
0.101007	76.9617	86.2593	13.3635	4.09747	40.0473	0.020938	-0.287144	5.19937
0.102007	77.0983	86.1225	14.0488	3.55114	40.887	0.019375	-0.435178	5.20281
0.103007	77.3716	85.7121	13.3635	3.55114	41.0826	0.020625	-0.731246	5.20094
0.104007	77.235	86.533	14.2772	4.78038	41.0908	0.020938	-0.188454	5.19906
0.105006	77.235	85.7121	13.9346	3.41455	41.262	0.020625	-0.484523	5.19719
0.106008	77.5083	86.1225	13.4777	3.96088	40.7565	0.02	-0.435178	5.20313
0.107008	77.235	86.2593	14.0488	3.14139	40.1247	0.018438	-0.632557	5.20469
0.108008	76.6884	86.2593	12.9066	3.14139	39.3177	0.018125	-0.484523	5.20219
0.109008	77.235	85.7121	14.0488	3.68772	39.3054	0.02125	-0.435178	5.19937
0.110008	77.0983	85.5753	13.7061	3.8243	40.4508	0.021563	-0.533867	5.19781
0.111008	76.4151	85.9857	13.5919	3.8243	41.2701	0.0225	-0.533867	5.20281
0.112008	77.235	86.1225	14.163	3.96088	41.6288	0.021875	-0.632557	5.19094
0.113008	77.5083	86.1225	13.5919	3.8243	41.6125	0.0225	-0.583212	5.16469
0.114008	77.6449	85.9857	13.3635	3.41455	41.3435	0.021875	-0.829936	5.14313
0.115008	77.235	85.4385	13.9346	3.8243	40.6179	0.02125	-0.484523	5.16719
0.116008	77.3716	85.7121	13.4777	4.23405	39.3544	0.019688	-0.583212	5.20844
0.117008	77.235	86.1225	13.8204	4.23405	38.5799	0.019375	-0.583212	5.19969
0.118008	76.4151	85.9857	13.3635	3.55114	39.4644	0.018125	-0.533867	5.19969
0.119009	77.235	86.2593	13.3635	4.50721	39.7131	0.020313	-0.681901	5.19281
0.120009	76.6884	85.9857	13.5919	4.09747	40.3	0.021563	-0.089765	5.19469
0.121009	76.2786	85.9857	13.7061	4.09747	40.4957	0.022188	-0.533867	5.19531
0.122009	77.5083	86.2593	14.5057	4.23405	40.2307	0.02375	-0.435178	5.19656
0.123009	76.9617	85.7121	13.7061	3.96088	40.0473	0.021875	-0.583212	5.19469
0.124009	76.825	85.5753	13.8204	3.96088	39.387	0.022188	-0.533867	5.19375
0.125009	76.9617	86.533	14.0488	3.96088	38.5228	0.02125	-0.632557	5.19625
0.126009	76.4151	85.9857	14.2772	5.05354	39.5052	0.018438	-0.533867	5.19969
0.127009	77.235	86.533	13.3635	3.55114	40.4304	0.019375	-0.435178	5.19844
0.128009	77.235	85.7121	13.9346	3.55114	41.0174	0.019688	-0.632557	5.19281
0.129009	77.3716	85.4385	14.3914	3.55114	41.3516	0.021563	-0.681901	5.16687
0.130009	77.6449	86.1225	13.1351	3.55114	41.1886	0.022188	-0.484523	5.14906
0.131009	76.9617	86.533	14.0488	3.68772	40.8707	0.022813	-0.435178	5.14469
0.13201	77.0983	85.8489	13.9346	3.96088	40.3326	0.02125	-0.385833	5.20094
0.13301	76.825	85.9857	14.0488	3.14139	39.1913	0.024688	-0.435178	5.19406
0.13401	77.0983	85.9857	13.9346	3.41455	37.94	0.019688	-0.435178	5.19344
0.13501	76.9617	86.2593	13.3635	3.68772	38.2049	0.019063	-0.632557	5.19781
0.13601	77.235	86.1225	13.9346	3.68772	39.0283	0.019688	-0.484523	5.19969
0.13701	76.9617	85.4385	14.0488	3.55114	39.6315	0.019375	-0.583212	5.19656
0.13801	77.235	85.9857	14.5057	3.14139	39.5062	0.020313	-0.484523	5.19438
0.13901	77.0983	86.1225	14.9625	3.68772	39.6478	0.020938	-0.632557	5.19719
0.14001	76.825	86.8066	13.7061	2.3219	39.44	0.019063	-0.87928	5.19594
0.14101	77.0983	85.9857	14.0488	3.68772	38.5718	0.021563	-0.780591	5.1975
0.14201	76.9617	85.9857	13.5919	4.23405	38.4984	0.022188	-0.237799	5.19594
0.14301	76.9617	85.9857	14.7341	3.96088	39.6478	0.022813	-0.632557	5.19531
0.14401	76.9617	85.9857	14.2772	3.68772	40.4957	0.023125	-0.435178	5.1975
0.14501	76.9617	86.1225	14.0488	3.8243	41.166	0.020313	-0.829936	5.18281
0.146011	77.3716	85.9857	14.2772	3.96088	41.5391	0.021563	-0.287144	5.16219

0.147011	76.9617	85.9857	13.8204	3.68772	41.6814	0.02125	-0.484523	5.14187
0.148011	77.235	86.1225	14.5057	4.64379	41.0459	0.023438	-0.435178	5.16344
0.149011	77.235	85.9857	13.8204	4.23405	40.7647	0.019688	-0.484523	5.20781
0.150011	77.235	86.1225	13.7061	4.09747	40.0391	0.022188	-0.731246	5.19875
0.151011	76.6884	85.9857	14.0488	3.27797	37.9074	0.020313	-0.829936	5.19781
0.152011	76.9617	86.1225	14.0488	4.09747	39.3503	0.019688	-0.336488	5.19469
0.153011	77.3716	85.9857	13.7061	3.68772	39.6541	0.020938	-0.237799	5.19656
0.154011	76.9617	85.9857	13.5919	3.41455	39.8109	0.019063	-0.435178	5.19969
0.155011	77.0983	86.1225	13.8204	4.09747	40.0881	0.021875	-0.632557	5.20156
0.156011	77.5083	86.533	13.9346	3.96088	40.0881	0.019375	-0.435178	5.20187
0.157011	77.0983	85.7121	14.5057	4.23405	39.2726	0.0225	-0.533867	5.19688
0.158011	76.4151	86.1225	14.2772	4.23405	38.8	0.02125	-0.435178	5.19969
0.159011	76.9617	85.9857	14.7341	4.37063	38.6777	0.021563	-0.336488	5.20219
0.160012	76.5517	86.1225	13.8204	3.68772	39.7294	0.019688	-0.484523	5.20281
0.161012	76.9617	86.1225	14.0488	3.55114	41.4858	0.020938	-0.583212	5.19312
0.162012	76.9617	85.7121	13.7061	2.59506	41.2742	0.018125	-0.87928	5.17031
0.163012	77.235	85.1649	13.3635	3.41455	42.0527	0.020938	-0.435178	5.15156
0.164012	76.9617	86.2593	13.9346	3.8243	42.4359	0.021563	-0.188454	5.14531
0.165012	77.235	85.9857	13.7061	3.8243	41.8815	0.018438	-0.435178	5.20531
0.166012	77.235	85.9857	14.2772	4.09747	41.3924	0.023125	-0.533867	5.20156
0.167012	76.9617	86.1225	14.3914	4.50721	39.2362	0.020625	-0.287144	5.19969
0.168012	76.9617	85.9857	14.0488	3.96088	39.3218	0.019688	-0.583212	5.20406
0.169012	76.9617	86.3962	13.8204	3.55114	39.5296	0.019688	-0.435178	5.20156
0.170012	76.4151	86.2593	14.0488	3.96088	40.0025	0.019688	-0.583212	5.19906
0.171012	77.235	85.8489	14.163	4.78038	40.9766	0.019688	-0.435178	5.19719
0.172012	77.0983	86.533	14.0488	3.55114	39.9209	0.020625	-0.435178	5.20219
0.173012	76.9617	85.9857	14.3914	3.00481	39.7294	0.018125	-1.07688	5.20344
0.174013	76.9617	86.1225	13.4777	3.41455	39.6764	0.019688	-0.484523	5.20406
0.175013	76.9617	85.9857	14.5057	4.37063	38.2131	0.020938	-0.13911	5.19969
0.176013	76.9617	86.2593	13.9346	4.23405	38.3109	0.022188	-0.533867	5.19656
0.177013	76.9617	85.7121	13.8204	4.23405	40.031	0.023125	-0.533867	5.20156
0.178013	76.9617	86.533	14.2772	4.23405	40.2511	0.020938	-0.435178	5.18969
0.179013	76.9617	86.2593	13.8204	3.96088	41.1152	0.021563	-0.435178	5.16437
0.180013	76.9617	85.9857	13.9346	3.96088	41.7348	0.020938	-0.533867	5.14344
0.181013	77.0983	86.2593	13.4777	4.50721	41.6777	0.022813	-0.681901	5.16781
0.182013	76.9617	86.2593	13.9346	3.96088	41.05	0.020625	-0.435178	5.21094
0.183013	76.9617	85.7121	14.0488	3.68772	40.0799	0.019688	-0.583212	5.19969
0.184013	76.9617	86.2593	12.564	2.45848	38.1886	0.015313	-0.928625	5.20219
0.185013	77.0983	86.2593	13.5919	3.27797	39.012	0.021875	-0.435178	5.19656
0.186013	77.0983	86.2593	14.0488	3.00481	40.031	0.021563	-0.04042	5.20094
0.187013	76.9617	86.1225	13.4777	4.23405	40.4182	0.020938	-0.632557	5.19844
0.188014	77.7816	86.2593	13.7061	3.68772	40.0065	0.019688	-0.13911	5.19719
0.189014	77.235	86.1649	13.8204	3.68772	40.2348	0.020938	-0.681901	5.19781
0.190014	77.0983	85.9857	13.9346	3.96088	39.9413	0.021563	-0.435178	5.19719
0.191014	76.9617	86.1225	13.8204	4.23405	38.8	0.019375	-0.484523	5.19969
0.192014	76.9617	86.2593	14.163	3.00481	37.9848	0.02125	-0.484523	5.20219
0.193014	76.9617	86.1225	13.8204	5.46329	37.7402	0.020625	-0.435178	5.19969
0.194014	77.0983	86.2593	13.5919	4.09747	38.7022	0.021563	-0.484523	5.19375
0.195014	77.5083	86.1225	13.3635	2.59506	39.7457	0.019688	-0.928625	5.17094

0.196014	76.9617	86.1225	13.8204	3.68772	40.8217	0.020625	-0.583212	5.15281
0.197014	76.825	86.2593	13.4777	3.96088	40.9685	0.022188	-0.188454	5.14281
0.198014	77.235	86.2593	14.0488	4.23405	40.9685	0.023125	-0.731246	5.19656
0.199014	76.9617	86.533	13.4777	3.68772	41.0052	0.024688	-0.435178	5.19219
0.200014	76.9617	86.533	13.9346	3.68772	39.5478	0.020313	-0.533867	5.19312
0.201014	76.2785	85.9857	13.8204	4.23405	38.1764	0.021563	-0.533867	5.1975
0.202015	76.9617	85.9857	13.3635	3.68772	39.5478	0.019375	-0.633867	5.19781
0.203015	76.9617	86.9857	13.5919	3.68772	40.1288	0.019688	-0.681901	5.19469
0.204015	77.235	86.2593	13.7061	4.09747	40.8913	0.021563	-0.484523	5.19156
0.205015	77.0983	86.1225	13.3635	3.68772	40.6179	0.019688	-0.632557	5.19219
0.206015	76.9617	86.533	14.2772	2.73164	40.2878	0.019375	-0.484523	5.19719
0.207015	76.9617	85.9857	13.1351	3.68772	40.1981	0.020938	-0.533867	5.19656
0.208015	76.9617	85.9857	14.0488	3.96088	39.7783	0.020313	-0.13911	5.19562
0.209015	76.9617	85.4385	13.3635	3.68772	38.6451	0.022188	-0.484523	5.19406
0.210015	77.235	85.7121	13.5919	3.41465	38.3883	0.024063	-0.435178	5.19656
0.211015	76.9617	86.1225	13.5919	4.23405	39.9006	0.020938	-0.336488	5.18594
0.212015	76.9617	86.2593	13.4777	3.68772	40.5609	0.019375	-0.632557	5.16094
0.213015	76.9617	86.2593	13.3635	3.8243	41.0826	0.021563	-0.533867	5.13969
0.214015	76.9617	86.2593	13.5919	4.23405	41.637	0.022188	-0.731246	5.14969
0.215015	76.9617	86.2593	13.4777	4.91696	41.5187	0.019688	-0.533867	5.20844
0.216016	76.9617	86.1225	13.8204	3.41456	41.2375	0.021875	-0.632557	5.19656
0.217016	77.235	85.9857	13.5919	2.59508	38.7022	0.017188	-0.435178	5.19906
0.218016	77.235	85.9857	13.5919	3.00481	38.5228	0.020625	-0.533867	5.19344
0.219016	76.9617	85.7121	13.8204	3.14139	40.0554	0.022813	-0.04042	5.19781
0.220016	77.235	85.8469	13.3635	3.68772	40.7076	0.019688	-0.533867	5.19875
0.221016	76.9617	85.7121	13.4777	3.68772	40.9929	0.021875	-0.583212	5.19969
0.222016	77.235	85.7121	13.5919	3.41456	41.0826	0.01875	-0.435178	5.19781
0.223016	76.6884	85.9857	13.9346	4.23405	41.05	0.022188	-0.435178	5.19719
0.224016	76.825	86.2593	14.5057	3.68772	40.7524	0.02125	-0.435178	5.20219
0.225016	77.3716	85.1649	13.8204	4.09747	40.1044	0.022188	-0.287144	5.20281
0.226016	76.9617	86.2593	13.4777	3.8243	39.0566	0.020938	-0.533867	5.20156
0.227016	77.3716	85.1649	14.2772	3.96088	39.2851	0.023125	-0.435178	5.19719
0.228016	76.825	86.533	14.7341	3.8243	40.5201	0.020938	-0.731246	5.18156
0.229016	76.9617	85.9857	12.9066	3.14139	41.0746	0.019375	-0.681901	5.15719
0.230017	76.6884	86.2593	12.9066	3.96088	41.4739	0.020625	-0.04042	5.14594
0.231017	76.9617	86.1225	13.9346	3.8243	41.5554	0.020625	-0.237799	5.18344
0.232017	77.6449	86.2593	13.7061	4.23405	41.2864	0.024688	-0.435178	5.20656
0.233017	76.9617	86.1225	14.163	3.8243	40.5405	0.019688	-0.533867	5.19969
0.234017	77.0983	86.2593	13.5919	4.50721	39.2728	0.022188	-0.780591	5.20625
0.235017	77.235	86.533	13.7061	3.8243	38.3394	0.02125	-0.681901	5.20219
0.236017	76.9617	85.9857	13.5919	3.68772	39.3381	0.019688	-0.533867	5.19969
0.237017	76.9617	85.9857	13.8204	5.87303	39.8068	0.020938	-0.435178	5.19844
0.238017	76.4151	85.9857	13.9346	3.55114	40.1044	0.01875	-0.632557	5.20469
0.239017	77.5083	85.9857	14.5057	4.23405	40.3611	0.020625	-0.533867	5.20563
0.240017	76.9617	85.9857	13.7061	3.55114	40.194	0.019688	-0.632557	5.20406
0.241017	76.9617	85.9857	13.8204	3.41455	39.8109	0.020938	0.008924	5.19969
0.242017	77.235	85.9857	13.7061	3.68772	39.3054	0.021563	-0.533867	5.20094
0.243017	77.235	85.9857	13.5919	5.19012	38.4739	0.023125	-0.287144	5.20719
0.244018	77.0983	86.2593	13.4777	4.23405	39.3218	0.020938	-0.336488	5.19844

0.245018	76.9617	86.1225	14.7341	4.23405	40.4304	0.022188	-0.336488	5.17375
0.246018	76.9617	85.8489	14.163	4.09747	40.9848	0.023438	-0.336488	5.15094
0.247018	77.235	85.1649	14.0488	4.23405	41.2457	0.023125	-0.681901	5.15094
0.248018	76.9617	86.1225	14.0488	4.50721	41.1641	0.018438	-0.435178	5.21438
0.249018	77.0983	85.8489	13.9346	3.14139	40.7647	0.019375	-0.533867	5.20375
0.250018	76.9617	86.1225	15.191	4.23405	40.2022	0.020938	-0.435178	5.20969
0.251018	77.7816	85.9857	13.8204	3.96088	39.1057	0.021875	-0.336488	5.20281
0.252018	77.235	86.1225	14.2772	4.23405	37.887	0.021563	-0.484523	5.20219
0.253018	76.6884	86.1225	13.9346	3.68772	38.1958	0.019688	-0.336488	5.19531
0.254018	77.235	86.1225	14.2772	4.64379	39.0853	0.022188	-0.435178	5.19719
0.255018	76.1418	86.2593	14.5057	4.23405	39.4196	0.021875	-0.435178	5.195
0.256018	76.9617	85.9857	14.5057	4.23405	39.5746	0.022188	-0.632557	5.19562
0.257019	76.9617	86.6698	14.2772	3.96088	39.6316	0.019375	-0.484523	5.20094
0.258019	77.7816	86.2593	13.6204	3.96088	39.2117	0.020313	-0.435178	5.19906
0.259019	77.235	85.9857	14.2772	5.3267	38.7633	0.020313	-0.435178	5.19656
0.260019	76.9617	85.7121	14.0488	3.55114	38.4169	0.021563	-0.435178	5.19219
0.261019	77.3716	85.9857	15.6478	4.23406	39.4522	0.020938	-0.681901	5.17594
0.262019	77.5083	85.7121	13.9346	3.41455	40.5527	0.020938	-0.829936	5.15469
0.263019	76.9617	86.1225	14.3914	4.50721	41.1804	0.023438	-0.04042	5.14187
0.264019	77.235	85.9857	14.2772	3.8243	41.3924	0.023438	-0.533867	5.18094
0.265019	77.235	85.9857	14.0488	3.68772	41.5717	0.023125	-0.435178	5.19937
0.266019	76.825	85.9857	13.5919	3.8243	41.2946	0.020938	-0.336488	5.19156
0.267019	76.9617	85.9857	14.0488	4.78038	40.4875	0.02125	-0.632557	5.19844
0.268019	77.5083	86.2593	13.8204	4.50721	39.9739	0.01875	-0.632557	5.19656
0.269019	77.235	86.2593	14.8483	3.41455	38.3567	0.021563	-0.484523	5.19219
0.270019	77.7816	86.1225	14.0488	4.78038	38.5514	0.020938	-0.583212	5.18906
0.27102	76.9617	85.9857	14.0488	4.09747	39.8598	0.020625	-0.435178	5.19406
0.27202	77.235	86.533	14.5057	3.8243	40.084	0.020313	-0.435178	5.19719
0.27302	77.5083	86.533	13.7061	3.68772	39.4849	0.021563	-0.632557	5.19312
0.27402	76.825	86.1225	13.8204	3.41455	40.1044	0.021875	-0.435178	5.18906
0.27502	76.9617	86.533	13.8204	3.8243	39.9087	0.021875	-0.287144	5.19219
0.27602	77.3716	86.1225	14.0488	4.50721	38.0419	0.020938	-0.484523	5.19406
0.27702	76.9617	85.8489	14.2772	3.14139	38.7348	0.02125	-0.435178	5.18406
0.27802	76.4151	86.1225	14.0488	3.68772	40.5364	0.020625	-0.533867	5.15875
0.27902	76.6884	86.2593	14.3914	3.68772	40.1665	0.023125	-0.435178	5.14156
0.28002	77.5083	85.9857	13.5919	3.96088	41.4413	0.02125	-0.484523	5.13969
0.28102	76.6884	86.2593	13.5919	4.09747	42.5052	0.020625	-0.533867	5.19969
0.28202	76.9617	86.2593	14.2772	3.68772	41.5024	0.020938	-0.435178	5.19281
0.28302	76.9617	85.9857	14.9625	3.96088	41.7837	0.020938	-0.484523	5.19406
0.28402	76.9617	86.2593	13.2493	3.68772	42.3462	0.020938	-0.533867	5.18969
0.285021	76.9617	86.9857	13.9346	3.68772	39.0283	0.020938	-0.237799	5.19312
0.286021	76.9617	86.1225	14.163	4.23405	38.0663	0.020938	-0.632557	5.19344
0.287021	77.5083	86.2593	13.5919	4.78038	40.4916	0.019688	-0.435178	5.19781
0.288021	77.235	85.7121	14.5057	4.09747	40.0391	0.023125	-0.632557	5.19406
0.289021	77.3716	86.1225	13.8204	4.23405	39.7212	0.020313	-0.731248	5.19094
0.290021	77.5083	86.2593	13.8204	4.23405	40.4712	0.019688	-0.435178	5.19469
0.291021	76.9617	85.9857	14.0488	4.23405	39.9087	0.019688	-0.435178	5.19969
0.292021	76.825	86.3962	13.5919	5.05354	39.0038	0.019688	-0.484523	5.19781
0.293021	76.9617	85.9857	14.7341	4.23405	38.7674	0.024063	-0.681901	5.19312

0.294021	76.9617	85.9857	14.3914	3.68772	38.0378	0.02125	-0.435178	5.18031
0.295021	77.7816	86.1225	13.9346	4.23405	39.3544	0.02125	-0.632557	5.15969
0.296021	76.9617	86.2593	13.4777	3.96088	40.7647	0.020625	-0.435178	5.14406
0.297021	77.235	85.1649	14.0488	4.23405	40.7973	0.021563	-0.237799	5.15844
0.298021	76.9617	86.2593	13.8204	4.50721	41.426	0.021875	-0.435178	5.20469
0.299022	76.9617	86.533	13.5919	3.68772	41.6978	0.021875	-0.484523	5.19469
0.300022	76.9617	85.9857	13.5919	3.96088	41.0704	0.020313	-0.533867	5.20281
0.301022	76.9617	86.2593	13.4777	3.55114	40.194	0.019688	-0.435178	5.19781
0.302022	76.9617	86.2593	13.7061	3.8243	38.1397	0.019688	-0.385833	5.19312
0.303022	76.9617	86.3962	13.9346	3.55114	39.0609	0.021563	-0.435178	5.19438
0.304022	76.9617	85.8489	13.9346	3.96088	39.9495	0.018438	-0.435178	5.19969
0.305022	76.9617	86.1225	14.0488	3.55114	40.3978	0.018438	-0.632557	5.20594
0.306022	76.9617	86.2593	14.2772	3.14139	40.2226	0.019063	-0.583212	5.19969
0.307022	77.235	85.3017	13.9346	3.96088	39.8272	0.022813	-0.385833	5.19562
0.308022	76.9617	86.2593	13.4777	3.8243	39.7946	0.023125	-0.435178	5.19781
0.309022	77.235	86.1225	14.0488	4.23405	39.3707	0.020625	-0.435178	5.20344
0.310022	77.0983	85.1649	14.0488	4.50721	38.0989	0.02375	-0.731246	5.19969
0.311022	76.9617	86.1225	13.5919	4.23405	37.3489	0.018438	-0.484523	5.17969
0.312022	76.9617	85.9857	13.5919	4.23405	39.0609	0.02375	-0.436178	5.15562
0.313023	77.235	85.7121	14.2772	4.23405	40.0799	0.023438	-0.731246	5.14187
0.314023	77.0983	86.2593	14.3914	5.19012	40.3082	0.019688	-0.484523	5.19625
0.315023	77.235	85.9857	13.5919	3.55114	40.997	0.019063	-0.583212	5.20906
0.316023	76.9617	85.9857	13.4777	4.09747	41.6043	0.020938	-0.533867	5.20156
0.317023	76.4151	86.2593	13.9346	4.09747	41.0296	0.022188	-0.533867	5.20187
0.318023	76.9617	86.1225	13.5919	3.8243	39.3707	0.01875	-0.533867	5.20219
0.319023	76.9617	86.1225	13.5919	3.8243	38.0093	0.02125	-0.287144	5.20469
0.320023	76.9617	86.2593	13.2493	4.23405	39.6152	0.022188	-0.533867	5.20469
0.321023	76.6884	86.1225	13.5919	4.09747	40.1696	0.022188	-0.484523	5.20344
0.322023	76.6884	86.6698	13.8204	4.09747	40.2511	0.020313	-0.533867	5.20219
0.323023	76.6884	86.6698	13.5919	3.96088	40.7239	0.018438	-0.533867	5.20906
0.324023	76.9617	85.9857	13.3635	3.14139	40.6853	0.017813	-0.338488	5.20844
0.325023	76.825	85.9857	13.4777	3.96088	39.7253	0.020938	-0.435178	5.20531
0.326023	76.9617	86.1225	13.1351	2.59506	39.3054	0.02125	-0.435178	5.20156
0.327024	76.9617	85.9857	14.163	4.23405	39.069	0.019375	-0.287144	5.20094
0.328024	76.825	86.1225	14.5057	3.96088	38.2294	0.022813	-0.533867	5.17531
0.329024	76.9617	86.2593	12.9066	3.96088	39.3299	0.020938	-0.338488	5.15719
0.330024	77.0983	85.7121	14.163	3.96088	40.6038	0.022813	-0.237799	5.15469
0.331024	76.9617	85.9857	14.2772	4.23405	41.0337	0.024063	-0.632557	5.21031
0.332024	77.235	86.2593	13.3635	3.55114	41.1804	0.023438	-0.435178	5.20187
0.333024	76.9617	86.6698	13.5919	3.96088	41.4495	0.019375	-0.533867	5.20937
0.334024	77.235	85.9857	13.4777	3.8243	40.9318	0.018438	-0.435178	5.20656
0.335024	76.9617	86.2593	13.5919	3.96088	38.9182	0.021563	-0.583212	5.19969
0.336024	76.5517	85.9857	13.1351	4.23405	38.425	0.020313	-0.435178	5.19844
0.337024	77.235	85.8489	13.8204	3.8243	39.9621	0.021563	-0.435178	5.20469
0.338024	76.9617	85.9857	13.8204	4.09747	40.3652	0.020938	-0.484523	5.20344
0.339024	77.5083	85.9857	13.7061	3.68772	40.9033	0.019688	-0.533867	5.20156
0.340024	76.9617	85.7121	13.4777	3.41455	41.1356	0.021563	-0.632557	5.19656
0.341025	76.9617	86.1225	14.0488	4.50721	40.8951	0.023438	-0.435178	5.20219
0.342025	76.825	86.2593	13.5919	3.8243	40.6913	0.0225	-0.829936	5.20313

0.343025	76.5884	85.8489	13.7061	4.23405	40.2348	0.021875	-0.484523	5.19969
0.344025	76.9617	85.8489	13.7061	4.09747	39.3218	0.020938	-0.484523	5.17531
0.345025	76.9617	85.9857	14.0488	4.23405	39.016	0.0225	-0.435178	5.15594
0.346025	76.9617	85.8489	14.2772	4.23405	40.2307	0.024063	-0.632557	5.13969
0.347025	76.825	86.2593	13.2493	4.09747	41.156	0.020938	-0.533867	5.17844
0.348025	77.3716	85.7121	13.8204	3.68772	41.3598	0.02125	-0.533867	5.20781
0.349025	77.235	86.5753	14.163	3.8243	41.588	0.02125	-0.632557	5.19594
0.350025	77.3716	85.9857	13.9346	3.41455	41.3761	0.020938	-0.87926	5.19344
0.351025	76.9617	86.2593	13.4777	4.50721	40.5364	0.020626	-0.583212	5.19812
0.352025	76.825	85.9857	13.9346	3.96088	39.5704	0.019688	-0.435178	5.19844
0.353025	76.825	86.8088	13.4777	3.8243	38.425	0.020313	-0.435178	5.19844
0.354025	77.235	85.4385	13.9346	3.8243	39.0853	0.024688	-0.13911	5.19469
0.355026	76.9617	86.1225	13.5919	3.14139	39.7864	0.020313	-0.533867	5.19469
0.356026	76.825	86.2593	13.3635	3.55114	40.2511	0.020938	-0.435178	5.19719
0.357026	76.9617	85.7121	13.8204	3.41455	40.2348	0.019375	-0.484523	5.19844
0.358026	77.0983	85.9857	13.7061	3.96088	40.3082	0.022188	-0.829936	5.19531
0.359026	76.825	86.533	14.0488	4.23405	40.0677	0.020313	-0.632557	5.19469
0.360026	76.825	85.9857	13.9346	3.00481	39.2158	0.020938	-0.435178	5.18906
0.361026	76.825	85.9857	13.8204	3.14139	38.4413	0.01875	-0.780591	5.17094
0.362026	77.235	85.5753	14.0488	3.55114	39.3951	0.02125	-0.533867	5.15219
0.363026	77.0983	85.4385	13.8204	3.96088	40.1859	0.02125	-0.13911	5.13719
0.364026	76.9617	86.2593	13.4777	3.55114	40.5894	0.022188	-0.533867	5.19156
0.365026	76.9617	85.9857	14.2772	4.50721	41.3598	0.024063	-0.287144	5.19656
0.366026	77.235	85.9857	13.8204	3.96088	41.3394	0.019688	-0.632557	5.19719
0.367026	76.9617	86.1225	14.0488	4.37063	40.7402	0.019688	-0.533867	5.19719
0.368026	76.9617	85.7121	13.9346	4.23405	40.2674	0.019688	-0.287144	5.19219
0.369027	77.235	85.8489	14.0488	3.00481	39.3381	0.019375	-0.484523	5.19312
0.370027	76.5517	85.9857	13.9346	3.68772	37.8951	0.019063	-0.533867	5.19656
0.371027	76.9617	86.2593	14.0488	3.96088	37.9359	0.01875	-0.533867	5.20219
0.372027	76.9617	86.2593	13.5919	3.27797	38.9967	0.020938	-0.829936	5.19469
0.373027	76.9617	86.1225	13.5919	4.23405	39.2239	0.02125	-0.336488	5.19219
0.374027	76.825	85.9857	14.0488	3.8243	39.4766	0.02125	-0.237799	5.19312
0.375027	76.9617	86.3962	13.4777	3.68772	39.7294	0.019063	-0.533867	5.19812
0.376027	76.9617	86.1225	13.9346	4.09747	39.2891	0.023125	-0.435178	5.19969
0.377027	76.9617	86.3962	13.8204	4.23405	38.6451	0.02125	-0.632557	5.18969
0.378027	76.9617	86.1225	13.7061	4.23405	38.3781	0.023125	-0.731246	5.16219
0.379027	77.3716	86.2593	13.9346	3.96088	39.3054	0.021875	-0.681901	5.14406
0.380027	76.9617	86.1225	13.9346	4.78038	40.1329	0.019375	-0.484523	5.15656
0.381027	76.9617	85.7121	14.2772	4.50721	41.2049	0.019063	-0.435178	5.21344
0.382028	76.9617	86.533	13.5919	3.27797	41.1723	0.020938	-0.533867	5.19531
0.383028	76.825	86.2593	13.8204	2.45646	41.3027	0.018438	-0.928625	5.19644
0.384028	77.5083	86.1225	13.8204	4.23405	41.8533	0.020313	-0.533867	5.19656
0.385028	76.9617	86.2593	13.9346	4.50721	40.8054	0.021563	-0.13911	5.20125
0.386028	77.235	85.5753	14.163	4.78038	39.3866	0.022188	-0.681901	5.19844
0.387028	76.9617	85.7121	14.0488	3.96088	38.8815	0.022813	-0.435178	5.19844
0.388028	76.825	86.1225	13.7061	3.14139	38.5391	0.019375	-0.435178	5.19906
0.389028	77.235	85.7121	14.0488	4.09747	39.4522	0.019375	-0.435178	5.20125
0.390028	77.235	86.1225	14.5067	3.96088	39.925	0.019375	-0.731246	5.20187
0.391028	76.9617	85.9857	14.163	4.23405	39.7701	0.020938	-0.583212	5.19969

0.392028	76.6884	86.1225	13.9346	4.23405	39.6275	0.021875	-0.484523	5.19656
0.393028	76.9617	85.9857	14.0488	4.09747	39.6723	0.020313	-0.533867	5.19969
0.394028	76.9617	86.1225	13.9346	1.77557	38.694	0.01875	-0.829936	5.18719
0.395028	76.825	85.9857	13.8204	3.27797	38.0337	0.021563	-0.435178	5.16687
0.396029	76.9617	86.2593	13.9346	4.23405	39.5826	0.023438	0.058269	5.14719
0.397029	76.9617	85.8489	13.9346	4.50721	40.8747	0.021563	-0.632557	5.17344
0.398029	77.0983	85.9857	13.8204	3.68772	41.2293	0.021563	-0.435178	5.20969
0.399029	76.9617	85.9857	13.7061	4.23405	41.8245	0.0175	-0.731246	5.20344
0.400029	76.9617	85.7121	14.0488	4.23405	41.9956	0.019063	-0.435178	5.20844
0.401029	76.9617	85.9857	14.163	3.68772	41.9264	0.019688	-0.632557	5.20187
0.402029	76.825	86.1225	14.3914	4.64379	41.3639	0.019688	-0.681901	5.20406
0.403029	76.6884	85.9857	14.2772	3.41455	39.9209	0.020313	-0.533867	5.20156
0.404029	76.9617	86.3962	14.3914	3.68772	38.6288	0.020625	-0.632557	5.20156
0.405029	76.9617	86.2593	13.4777	2.3219	39.2891	0.018125	-0.87928	5.20187
0.406029	77.235	85.9857	13.4777	3.96088	38.8435	0.019063	-0.533867	5.19719
0.407029	76.9617	85.9857	15.191	4.50721	40.4304	0.021563	-0.04042	5.19906
0.408029	76.9617	86.3962	13.9346	3.68772	40.0636	0.019688	-0.435178	5.20219
0.409029	76.9617	86.2593	14.0488	4.23405	39.7783	0.022813	-0.632557	5.19969
0.41003	76.6617	86.2593	13.8204	3.96088	39.7375	0.022188	-0.484523	5.18969
0.41103	77.3716	85.4385	14.0488	3.8243	38.3231	0.021563	-0.435178	5.16687
0.41203	76.9617	85.9857	13.7061	4.09747	38.0663	0.021563	-0.533867	5.14969
0.41303	76.825	85.9857	14.0488	4.78038	39.4359	0.022188	-0.435178	5.14437
0.41403	76.9617	86.3962	14.2772	3.96088	39.9739	0.023438	-0.829936	5.19969
0.41503	77.5083	85.9857	13.4777	3.55114	40.5527	0.021563	-0.533867	5.19625
0.41603	76.9617	86.2593	13.4777	2.04873	41.6163	0.01625	-0.928925	5.19312
0.41703	76.9617	85.7121	13.1351	3.41455	41.8734	0.019688	-0.533867	5.19844
0.41803	77.0983	85.4385	14.163	3.14139	40.7728	0.01875	-0.04042	5.20219
0.41903	77.235	85.9857	13.5919	4.09747	40.5079	0.022188	-0.435178	5.19812
0.42003	76.9617	86.2593	13.5919	3.68772	38.4902	0.025938	-0.287144	5.19469
0.42103	77.235	85.9857	13.5919	3.96088	38.8367	0.019688	-0.435178	5.19469
0.42203	77.5083	85.7121	13.8204	4.09747	39.6967	0.020313	-0.731246	5.19844
0.42303	76.825	86.1225	13.8204	4.09747	40.2266	0.019375	-0.435178	5.20219
0.424031	76.9617	85.7121	13.8204	3.41455	40.1003	0.019688	-0.533867	5.19906
0.425031	76.6884	86.2593	13.3835	4.23405	40.1614	0.019688	-0.533867	5.19469
0.426031	76.6884	86.533	13.5919	3.41455	39.9861	0.020938	-0.435178	5.19969
0.427031	76.9617	85.9857	14.9625	3.8243	39.1179	0.0175	-0.681901	5.19094
0.428031	77.0983	86.2593	13.4777	3.14139	39.2294	0.020938	-0.435178	5.16469
0.429031	76.9617	85.9857	14.0488	4.23405	37.8381	0.02375	-0.237799	5.14594
0.430031	77.5083	85.9857	13.7061	3.96088	38.4087	0.021875	-0.632557	5.15531
0.431031	76.4151	85.9857	13.8204	3.96088	39.4522	0.022188	-0.13911	5.20969
0.432031	76.825	85.9857	13.8204	3.27797	40.3978	0.019688	-0.583212	5.1975
0.433031	76.9617	85.9857	13.9346	3.96088	41.1804	0.019063	-0.435178	5.19844
0.434031	76.9617	86.1225	14.0488	3.96088	40.9196	0.021875	-0.731246	5.19469
0.435031	77.3716	85.4385	13.5919	4.23405	40.9033	0.020313	-0.583212	5.19594
0.436031	77.0983	86.2593	14.2772	4.23405	40.4304	0.020625	-0.533867	5.19937
0.437031	77.235	85.7121	14.0488	3.27797	38.1397	0.019688	-0.435178	5.20375
0.438032	76.5517	85.9857	13.7061	2.88623	39.0935	0.020625	-0.484523	5.20156
0.439032	77.235	85.8489	13.4777	3.14139	39.9576	0.021875	-0.632557	5.19344
0.440032	76.4151	86.1225	13.9346	4.23405	40.2185	0.021875	-0.04042	5.19562

0.441032	76.825	86.1225	13.3635	3.14139	40.4264	0.019688	-0.436178	5.19969
0.442032	76.4151	85.8489	13.7061	4.09747	40.2715	0.023125	-0.435178	5.20281
0.443032	76.9617	85.9857	14.0488	3.55114	40.1696	0.021563	-0.533867	5.19875
0.444032	76.825	85.9857	13.5919	4.23405	39.4726	0.020625	-0.533867	5.17969
0.445032	76.9617	85.7121	13.9346	4.50721	39.8245	0.022813	-0.583212	5.15644
0.446032	76.9617	86.1225	13.8204	4.23405	38.2536	0.020938	-0.484523	5.14469
0.447032	76.9617	85.7121	14.163	4.64379	38.6082	0.021563	-0.435178	5.18844
0.448032	76.9617	85.9857	13.8204	3.8243	40.0554	0.021563	-0.435178	5.20469
0.449032	77.0983	85.7121	14.9625	3.68772	40.7973	0.02125	-0.583212	5.19844
0.450032	76.9617	86.1225	12.9088	3.55114	41.0255	0.019688	-0.533867	5.20156
0.451032	76.6884	86.3962	13.9346	3.68772	41.1723	0.020625	-0.13911	5.20156
0.452033	77.5083	85.4385	13.7061	4.23406	41.0011	0.02125	-0.632557	5.19875
0.453033	76.9617	86.2593	13.3635	3.55114	39.6152	0.022813	-0.632557	5.19719
0.454033	76.6884	85.8489	13.5919	4.23406	37.8503	0.019688	-0.583212	5.19969
0.455033	76.9617	86.2593	14.3914	4.23405	39.4644	0.019063	-0.533867	5.20469
0.456033	77.235	86.1225	13.8204	3.41455	40.2348	0.020313	-0.336488	5.20406
0.457033	77.3716	85.9857	13.4777	3.96088	40.6832	0.022188	-0.435178	5.20156
0.458033	76.9617	86.2593	13.2493	4.50721	40.7851	0.020625	-0.484523	5.19781
0.459033	76.9617	85.9857	13.4777	3.27797	40.8625	0.020313	-0.583212	5.20094
0.460033	76.9617	86.1225	14.5057	3.55114	40.7891	0.019688	-0.435178	5.20281
0.461033	77.0983	85.9857	13.3635	3.00481	40.2919	0.022188	-0.829936	5.17344
0.462033	76.825	85.8489	13.5919	3.68772	39.4685	0.022813	-0.188454	5.15312
0.463033	77.235	86.1225	13.5919	3.41455	38.7633	0.023125	-0.484523	5.15156
0.464033	76.9617	85.9857	14.0488	3.68772	40.0065	0.022813	-0.287144	5.21156
0.465033	76.4151	85.7121	14.2772	3.96088	40.8788	0.019063	-0.829936	5.2025
0.466034	76.9617	85.7121	13.7061	3.8243	41.3109	0.019688	-0.435178	5.20344
0.467034	77.235	86.1225	13.8204	3.68772	41.837	0.022813	-0.583212	5.19969
0.468034	76.9617	86.2593	13.8204	3.96088	41.5514	0.020625	-0.484523	5.20156
0.469034	77.3716	85.1649	14.0488	5.05354	40.9359	0.0225	-0.731248	5.20156
0.470034	77.235	85.9857	13.8204	3.27797	40.031	0.022188	-0.435178	5.20219
0.471034	77.235	85.7121	15.4194	4.09747	38.6228	0.021563	-0.533867	5.20406
0.472034	77.235	85.4385	13.3635	3.68772	38.9794	0.020625	-0.336488	5.19594
0.473034	76.9617	86.1225	13.9346	3.68772	39.7986	0.019688	-0.13911	5.20156
0.474034	76.9617	85.7121	13.9346	3.55114	40.0717	0.019688	-0.533867	5.20313
0.475034	76.9617	86.1225	13.1351	3.96088	40.3652	0.02125	-0.533867	5.19969
0.476034	76.9617	86.1225	13.7061	4.23405	40.4141	0.02375	-0.435178	5.19719
0.477034	76.4151	85.9857	14.0488	4.09747	40.1492	0.021875	-0.484523	5.17719
0.478034	76.9617	86.6698	13.7061	3.96088	39.6723	0.021875	-0.435178	5.16125
0.479034	77.0983	86.2593	14.0488	4.50721	38.8852	0.0225	-0.484523	5.14719
0.480035	77.235	85.9857	13.9346	4.23405	38.8856	0.0225	-0.336488	5.17531
0.481035	76.6884	86.533	14.0488	3.41455	40.084	0.021563	-0.435178	5.20469
0.482035	76.9617	85.8489	14.5057	3.41455	40.7361	0.019063	-0.336488	5.19469
0.483035	77.5083	85.9857	13.8204	3.55114	41.1804	0.019375	-0.435178	5.19906
0.484035	76.9617	86.6698	13.7061	3.41455	41.262	0.020938	-0.583212	5.20219
0.485035	77.5083	85.9857	14.0488	3.96088	41.0337	0.020625	-0.287144	5.19844
0.486035	76.9617	86.533	13.7061	3.55114	40.4304	0.023438	-0.13911	5.19562
0.487035	77.5083	85.9857	14.5057	4.23405	39.5582	0.022813	0.354337	5.19594
0.488035	76.2785	86.1225	13.9346	3.8243	38.3272	0.019688	1.14385	5.19969
0.489035	76.9617	86.2593	14.0488	3.96088	37.6832	0.021563	2.42681	5.19812

0.490035	76.9617	85.8489	14.7341	3.96088	38.6655	0.019688	2.96961	5.19688
0.491035	76.9617	86.1225	13.8204	4.23405	39.1261	0.019688	3.61109	5.19531
0.492035	76.9617	85.9857	14.5057	3.66772	39.2402	0.019063	4.20322	5.19969
0.493035	77.5083	85.7121	14.9625	3.14139	39.5785	0.018438	4.64733	5.19719
0.494036	76.9617	85.9857	13.4777	4.23405	39.3544	0.021563	4.64733	5.17156
0.495036	76.825	86.533	13.1351	3.66772	38.6207	0.022813	5.3875	5.15094
0.496036	76.9617	85.9857	14.0488	3.41466	38.3353	0.0225	4.64733	5.13594
0.497036	76.9617	86.2593	14.5057	4.78038	38.853	0.485625	4.59798	5.08844
0.498036	76.4151	86.2593	14.3914	4.64379	39.6011	4.90406	4.64733	4.44344
0.499036	76.9617	86.1225	14.0488	4.78038	40.6913	5.35344	4.25257	4.52969
0.500036	77.0983	86.1225	14.0488	4.23405	41.2783	5.29938	4.10453	4.53781
0.501036	76.9617	86.8066	14.0488	3.66772	41.05	5.40656	3.9686	4.55844
0.502036	76.9617	86.1225	13.9346	5.73646	40.9929	5.43656	4.10453	4.57406
0.503036	76.4151	86.533	14.2772	3.00461	41.0785	5.48344	4.4006	4.58594
0.504036	76.9617	85.8489	14.7341	3.66772	39.8761	5.52219	4.64733	4.60281
0.505036	76.9617	85.9857	14.2772	3.8243	38.5636	5.55219	4.69687	4.60781
0.506036	76.5517	86.2593	14.163	3.66772	38.4372	5.58281	5.09143	4.61656
0.507037	76.825	86.2593	14.0488	3.55114	39.2076	5.60906	4.99274	4.62406
0.508037	76.9617	85.9857	14.5057	4.23405	38.8489	5.63812	5.09143	4.63219
0.509037	77.235	86.1225	14.5057	4.64379	40.1044	5.66344	5.19012	4.64187
0.510037	76.9617	86.1225	13.7061	4.23405	40.2022	5.67844	5.43684	4.64594
0.511037	77.3716	85.7121	14.2772	4.91696	38.6207	5.67906	5.48619	4.63219
0.512037	77.0983	86.2593	14.0488	4.37063	39.2076	5.67656	5.88094	4.62219
0.513037	76.5517	86.3962	13.8204	5.87303	38.4006	5.69281	5.43684	4.62687
0.514037	76.4151	86.2593	13.9346	6.00962	38.3027	5.77219	5.78225	4.68187
0.515037	76.1418	86.1225	15.191	7.10227	40.4304	5.77969	6.02896	4.68156
0.516037	77.0983	85.9857	14.0488	7.51202	40.9196	5.80094	5.68357	4.68469
0.517037	77.6449	85.9857	13.9346	8.60468	41.4658	5.81938	5.78225	4.69094
0.518037	77.7816	85.7121	14.2772	9.69733	42.0609	5.83406	5.73291	4.69656
0.519037	77.235	85.7121	14.2772	9.9705	41.9182	5.85313	5.68357	4.70406
0.520037	76.9617	85.5753	14.5057	10.5168	41.4496	5.87156	5.8316	4.70969
0.521038	77.235	85.9857	14.5057	10.2437	40.7402	5.88469	5.48619	4.71719
0.522038	76.9617	85.4385	14.5057	10.3802	39.0568	5.89844	5.43684	4.72094
0.523038	77.235	85.7121	14.5057	10.2437	38.8776	5.91313	5.53553	4.72469
0.524038	77.3716	85.7121	15.3052	11.3363	39.9679	5.92812	5.19012	4.72906
0.525038	77.3716	85.8489	14.7341	9.28759	40.3	5.93937	5.28881	4.73406
0.526038	76.825	85.9857	14.2772	8.33151	40.3	5.95531	5.3875	4.73969
0.527038	77.7816	85.7121	15.191	8.33151	39.9332	5.95719	5.48619	4.73594
0.528038	76.2785	85.7121	15.0768	8.46809	39.6356	5.94594	5.58488	4.71969
0.529038	76.6884	85.9857	15.191	7.92177	39.1832	5.93969	5.88094	4.70969
0.530038	76.825	86.2593	15.5336	8.60468	37.9848	5.96969	5.8316	4.72813
0.531038	77.235	85.9857	14.9625	9.28759	38.531	6.03031	6.22656	4.77344
0.532038	76.9617	85.1649	15.7621	9.151	40.0269	6.02906	6.32505	4.76687
0.533038	76.9617	86.1225	15.3052	8.60468	40.589	6.04719	6.76915	4.77719
0.534038	76.9617	86.2593	15.9905	9.01442	41.1604	6.05406	7.06522	4.77844
0.535039	77.3716	85.8489	16.2189	11.3363	41.5514	6.06562	7.45997	4.78219
0.536039	77.235	86.1225	16.3332	11.6095	41.4739	6.07344	7.36128	4.78469
0.537039	76.9617	86.1225	17.4753	12.429	41.1604	6.09094	8.05211	4.79531
0.538039	77.5083	85.9857	16.3332	12.9753	38.6696	6.09969	8.20014	4.79688

0.539039	77.5083	86.2593	16.9042	13.7948	38.4739	6.11219	8.39752	4.79969
0.540039	76.4151	86.2593	16.79	13.7948	39.5826	6.12219	8.94032	4.80469
0.541039	76.9617	85.9857	17.4753	15.4338	39.762	6.13156	9.23638	4.80969
0.542039	77.0983	86.1225	17.0185	15.5704	40.2022	6.14219	9.38442	4.81219
0.543039	76.4151	85.9857	17.0185	16.663	40.2674	6.14719	9.38442	4.81719
0.544039	76.9617	85.9857	17.9322	17.8923	39.7457	6.13656	9.53245	4.80344
0.545039	76.9617	86.1225	17.818	18.4386	39.387	6.12594	9.5818	4.79375
0.546039	77.235	86.2593	18.0464	19.5313	38.8163	6.11562	9.82852	4.78156
0.547039	76.9617	85.9857	19.0744	18.1654	37.6669	6.16437	10.1246	4.81906
0.548039	76.4151	86.533	19.417	18.4386	37.4468	6.20656	10.322	4.84594
0.54904	76.6884	86.8698	19.9881	19.2581	39.1709	6.20344	10.4207	4.83969
0.55004	76.6884	86.1225	19.8739	18.9849	40.2592	6.21406	10.6193	4.84594
0.55104	77.235	86.1225	20.445	19.5313	40.3978	6.22437	10.8154	4.84969
0.55204	76.9617	86.2593	20.445	20.4873	40.5894	6.23125	11.0128	4.85531
0.55304	77.5083	86.2593	21.3587	20.8971	41.2049	6.24375	11.2102	4.86094
0.55404	77.235	85.9857	21.2445	21.3068	40.7321	6.24969	11.2595	4.86469
0.55504	77.235	85.9857	22.6151	21.7166	38.6981	6.25969	11.3089	4.86812
0.55604	76.825	85.9857	22.6151	22.2629	38.1866	6.26875	11.4075	4.87219
0.55704	77.235	86.2593	23.8715	23.0824	39.8109	6.27906	11.5556	4.87644
0.55804	76.825	85.8489	24.4428	24.0385	39.9291	6.28594	11.901	4.88312
0.55904	76.6884	85.1649	25.2421	24.5848	39.9739	6.29312	11.5062	4.88906
0.56004	76.9617	86.1225	25.4706	25.814	40.2592	6.29719	11.7036	4.88469
0.56104	77.235	85.8489	26.2701	27.1799	40.3897	6.28469	11.753	4.87406
0.56204	76.2785	85.7121	28.0976	28.2725	39.5785	6.27344	12.1971	4.88312
0.563041	77.5083	86.2593	28.326	28.9554	38.906	6.25969	11.9997	4.84969
0.564041	76.9617	86.1225	28.8687	29.3652	38.5595	6.32219	11.9503	4.89469
0.565041	77.235	86.3962	29.4682	29.9115	38.2212	6.34844	12.1477	4.91469
0.566041	76.9617	86.1225	30.953	30.4578	39.3216	6.34719	12.0984	4.91219
0.567041	77.235	85.9857	32.3236	31.4139	40.4671	6.35812	12.1971	4.91969
0.568041	76.9617	85.9857	33.3516	33.0529	40.9033	6.36469	12.1971	4.92469
0.569041	77.0983	85.9857	34.4938	33.0529	40.8543	6.37156	12.1971	4.92594
0.570041	76.9617	85.9857	35.7502	34.8285	41.1845	6.38188	12.3944	4.93344
0.571041	76.9617	85.9857	37.3492	35.3748	40.463	6.38719	12.4931	4.93469
0.572041	77.235	85.9857	37.6919	36.7406	38.1112	6.39594	12.3451	4.93969
0.573041	76.9617	86.1225	39.882	39.0625	38.5473	6.40219	12.4438	4.94375
0.574041	77.7616	86.2593	41.5753	40.4283	39.8109	6.41281	12.6905	4.94969
0.575041	76.9617	85.8489	43.517	42.2039	40.3245	6.42156	12.5425	4.95313
0.576041	77.5083	85.4385	45.116	43.5697	40.5038	6.42812	12.5918	4.95906
0.577042	76.9617	85.7121	47.6288	45.755	41.0092	6.42562	12.8385	4.95594
0.578042	76.9617	85.8489	49.2279	48.2135	40.9114	6.40906	12.5425	4.93906
0.579042	76.9617	86.2593	50.9412	50.2622	40.0681	6.38906	12.8385	4.92344
0.580042	77.3716	85.9857	53.1113	52.0378	39.7783	6.38438	12.8879	4.91875
0.581042	76.9617	86.2593	55.3956	53.6768	39.0609	6.45719	12.8879	4.97844
0.582042	77.235	85.9857	57.4516	56.1353	38.8897	6.47281	12.3944	4.98469
0.583042	77.3716	86.2593	59.9644	58.3206	40.1859	6.47437	12.9866	4.98219
0.584042	77.235	86.1225	63.1625	59.6864	41.1316	6.48438	13.184	4.98938
0.585042	76.9617	86.3962	65.6753	63.2375	41.213	6.49031	12.9866	4.99219
0.586042	77.235	85.9857	68.0738	66.7887	41.2253	6.50406	12.9866	5.00219
0.587042	77.235	86.1225	71.1577	68.974	41.1601	6.50594	13.0853	5.00469

0.588042	76.9617	86.533	73.7847	71.9788	40.3978	6.51437	12.9868	5.00812
0.589042	77.235	86.1225	77.097	74.5739	39.1913	6.51719	13.2826	5.00969
0.590042	76.9617	86.2593	79.6383	77.4421	38.3843	6.52594	13.3813	5.01469
0.591043	76.9617	85.9857	82.3511	80.3103	39.0731	6.53625	13.6774	5.02594
0.592043	76.9617	85.9857	84.8639	83.3151	39.5746	6.53844	13.48	5.02281
0.593043	77.3716	85.9857	88.4046	86.1833	40.031	6.54219	13.48	5.02656
0.594043	76.9617	85.9857	90.3483	88.6418	40.2144	6.55062	13.6774	5.02969
0.595043	76.9617	85.9857	93.5444	90.8271	40.0717	6.53344	13.8748	5.01406
0.596043	76.9617	86.7121	96.0572	93.4222	39.7375	6.50844	13.7761	4.99469
0.597043	77.3716	85.9857	98.3416	95.7441	39.2321	6.49781	13.7761	4.98531
0.598043	76.9617	86.2593	101.083	99.705	38.372	6.56219	13.7761	5.03781
0.599043	76.6884	86.1225	102.682	102.027	39.1913	6.58594	14.0722	5.05219
0.600043	77.235	85.9857	103.596	103.529	40.2429	6.58187	14.2695	5.04844
0.601043	77.235	85.5753	106.337	105.715	40.7239	6.58656	14.1709	5.04906
0.602043	76.9617	85.8489	107.593	104.759	40.9928	6.58812	14.6643	5.05094
0.603043	76.9617	85.7121	109.535	107.217	41.0418	6.59344	14.4669	5.05219
0.604043	76.825	85.9857	109.763	106.807	40.6587	6.59375	14.3682	5.05594
0.605044	76.9617	86.7121	111.362	110.086	39.9984	6.60219	14.763	5.05813
0.606044	77.235	86.1225	112.619	111.588	39.0283	6.60094	15.3551	5.05687
0.607044	76.825	86.1225	113.19	112.68	37.6544	6.60844	15.1577	5.05969
0.608044	76.825	85.7121	114.446	113.09	37.6992	6.60781	15.1577	5.05906
0.609044	76.4151	86.1225	116.474	114.319	38.7103	6.61281	15.3551	5.06469
0.610044	76.9617	86.1225	116.017	114.866	39.122	6.61437	15.6512	5.06312
0.611044	77.0983	86.6698	116.274	115.139	39.6174	6.60969	15.7499	5.05906
0.612044	76.4151	85.8489	115.703	115.002	39.3421	6.58344	15.9473	5.03969
0.613044	76.9617	86.2593	116.616	117.324	38.9916	6.56344	15.8979	5.02219
0.614044	77.235	86.2593	117.302	116.095	38.637	6.54406	16.2927	5.00844
0.615044	76.6884	86.1225	117.759	115.549	37.944	6.59562	15.9473	5.04719
0.616044	76.9617	85.8489	117.759	118.28	38.8897	6.63281	16.2433	5.07312
0.617044	76.9617	86.1225	119.015	119.919	40.353	6.62469	16.6394	5.06562
0.618044	76.9617	86.1225	119.356	118.963	40.6465	6.62906	16.9342	5.06719
0.619045	76.9617	86.2593	119.7	118.417	40.9522	6.62969	17.0328	5.06469
0.620045	77.3716	85.9857	120.957	120.056	41.3353	6.62219	17.0822	5.06312
0.621045	77.3716	86.533	120.5	119.783	40.8217	6.62844	17.625	5.06687
0.622045	76.9617	85.9857	121.299	122.241	40.3978	6.63094	17.6263	5.06906
0.623045	77.235	86.6686	122.099	123.197	39.9821	6.63156	17.3289	5.06719
0.624045	77.0983	86.1225	122.784	123.061	37.8707	6.63094	17.5756	5.06594
0.625045	76.9617	86.2593	124.041	124.153	38.2457	6.62812	17.7237	5.06344
0.626045	76.9617	85.8489	124.155	123.88	39.1261	6.62719	17.6743	5.06219
0.627045	76.4151	86.1225	125.64	125.519	39.4848	6.62719	18.4145	5.06219
0.628045	77.235	86.2593	127.124	127.021	39.7131	6.62844	18.8586	5.06219
0.629045	76.9617	85.9857	128.038	127.295	39.2728	6.60281	18.6119	5.03969
0.630045	76.9617	86.2593	129.18	128.524	39.4033	6.57781	18.9079	5.02219
0.631045	77.235	86.533	129.637	130.846	38.4046	6.55219	19.066	5.00219
0.632046	77.235	85.7121	130.894	131.392	37.7973	6.59719	19.3027	5.03187
0.633046	76.9617	85.7121	131.922	132.348	39.2035	6.63656	19.4507	5.06656
0.634046	77.5083	85.9857	132.835	133.304	40.1003	6.62156	19.4507	5.05281
0.635046	77.235	85.9857	134.434	136.172	41.0092	6.62594	19.7961	5.05625
0.636046	77.235	86.9857	134.434	134.67	41.3353	6.62281	20.0922	5.06469

0.637046	76.9617	86.1225	135.12	135.763	41.5921	6.61594	19.6975	5.04781
0.638046	77.3716	85.7121	136.833	136.992	41.8489	6.61562	20.3883	4.28469
0.639046	77.235	86.1225	132.835	138.358	40.9686	6.61437	20.7337	0.850937
0.640046	76.4151	86.1225	119.566	136.172	40.3408	6.61594	20.3883	0.144063
0.641046	76.9617	85.5753	131.465	128.524	38.2008	6.61656	20.6817	0.04625
0.642046	77.235	86.1225	134.549	127.704	38.8815	6.61344	20.5857	0.002813
0.643046	76.9617	86.1225	138.318	129.616	39.7294	6.60906	21.3752	-0.000938
0.644046	76.9617	86.2593	140.602	137.675	39.8761	6.60469	21.1778	-0.006563
0.645046	76.9617	85.9857	142.43	145.187	39.8761	6.60531	21.4245	-0.007188
0.646047	76.6884	86.1225	144.486	149.284	39.9413	6.58406	21.6712	-0.007188
0.647047	77.235	85.9857	147.912	151.196	39.1261	6.55406	21.9673	-0.006875
0.648047	77.5083	86.2593	152.024	151.06	38.4902	6.52688	21.9673	-0.007813
0.649047	76.6884	86.1225	156.136	152.699	37.9033	6.55469	22.0167	-0.010625
0.650047	77.0983	86.2593	160.704	156.933	38.262	6.60437	22.5595	-0.010938
0.651047	76.825	86.2593	163.903	162.396	40.0186	6.58687	22.8062	-0.009688
0.652047	76.9617	86.533	166.73	167.177	40.2837	6.59125	22.6088	-0.010313
0.653047	76.9617	86.1225	167.558	170.318	40.5323	6.58156	22.7075	-0.010938
0.654047	77.235	85.9857	171.327	173.323	41.8981	6.57969	22.8062	-0.011875
0.655047	76.9617	86.533	174.639	175.235	41.2946	6.57531	23.1022	-0.009063
0.656047	77.3716	86.2593	177.951	176.781	40.2674	6.57219	23.2503	-0.011563
0.657047	77.5083	85.9857	181.721	182.337	38.8408	6.56969	23.7437	-0.010313
0.658047	76.9617	86.3962	184.804	183.976	38.5188	6.56406	24.0399	-0.010313
0.659047	77.7816	85.9857	187.86	187.391	38.6696	6.56281	23.9411	-0.010313
0.660048	77.0983	85.9857	190.515	191.076	39.4685	6.56281	23.9904	-0.011563
0.661048	77.235	86.1225	194.399	194.356	40.3815	6.56469	24.9773	-0.010938
0.662048	77.5083	85.9857	197.597	197.906	39.6353	6.56187	24.7306	-0.010625
0.663048	77.5083	86.2593	200.909	200.776	39.387	6.54437	25.076	-0.010313
0.664048	77.235	86.1225	205.021	204.054	39.1261	6.51094	25.1254	-0.010938
0.665048	77.236	86.1225	208.79	207.468	38.2253	6.48969	25.5695	-0.013125
0.666048	77.235	85.9857	213.245	212.795	37.4264	6.50969	25.4708	-0.010938
0.667048	77.235	85.9857	217.128	217.849	37.3734	6.56687	25.9149	-0.013438
0.668048	76.825	86.2593	220.555	220.58	38.9549	6.54281	26.2603	-0.009375
0.669048	77.235	86.8066	225.123	224.131	39.4522	6.55219	26.359	-0.012188
0.670048	77.5083	86.533	230.149	227.956	40.3489	6.55125	26.6551	-0.008125
0.671048	77.5083	86.8066	232.776	232.326	40.5772	6.55469	26.7044	-0.012813
0.672048	77.235	86.1225	237.345	236.56	40.516	6.54969	27.1979	-0.010938
0.673048	77.235	85.8489	241.799	241.614	40.3082	6.54719	27.4939	-0.012188
0.674049	77.235	85.9857	246.596	247.76	38.8978	6.55219	27.5926	-0.010625
0.675049	76.9617	86.1225	252.079	251.594	38.0786	6.55406	27.5433	-0.011563
0.676049	77.3716	85.1649	256.762	254.726	39.1016	6.55594	27.938	-0.011563
0.677049	77.235	86.1225	261.216	260.462	39.6967	6.55406	27.8393	-0.011563
0.678049	77.235	85.9857	265.785	266.199	40.1533	6.55406	28.3821	-0.01125
0.679049	77.3716	86.2593	271.267	273.301	39.8639	6.55187	28.1847	-0.014688
0.680049	77.235	86.1225	276.293	274.394	39.8353	6.53844	28.7769	-0.010313
0.681049	76.9617	85.9857	281.89	280.54	39.5745	6.51563	28.6262	-0.011875
0.682049	76.9617	86.1225	285.659	283.271	39.0608	6.49156	29.0236	-0.012188
0.683049	76.9617	85.9857	290.228	289.144	37.9316	6.50406	29.9612	-0.01125
0.684049	77.0983	85.9857	295.025	295.154	37.8503	6.57437	29.5664	-0.011563
0.685049	77.7816	85.7121	299.936	300.071	39.6052	6.55969	29.7144	-0.012813

0.686049	76.6884	85.9857	305.076	303.622	39.7783	6.56969	30.0598	-0.011563
0.687049	77.235	86.2593	309.645	308.676	40.5772	6.56594	30.1585	-0.012188
0.68805	77.235	85.9857	314.213	312.91	41.1234	6.56719	30.3559	-0.012188
0.68905	77.235	86.2593	317.183	318.646	40.7566	6.56812	30.652	-0.012188
0.69005	76.9617	86.2593	321.523	322.47	40.1533	6.57531	30.9481	-0.012813
0.69105	77.235	86.1225	326.549	325.475	38.4209	6.57562	31.0961	-0.011563
0.69205	76.9617	86.1225	331.803	329.163	38.0989	6.57625	31.3428	-0.007813
0.69305	77.5083	85.7121	334.544	334.217	39.3381	6.57719	31.4908	-0.012813
0.69405	77.235	86.1225	339.227	338.997	40.084	6.58312	31.6402	-0.012188
0.69505	77.0983	86.2593	342.996	342.958	40.4957	6.58719	31.7376	-0.011875
0.69605	77.235	86.2593	348.707	346.509	40.4916	6.58687	32.083	-0.012188
0.69705	76.9617	86.1225	352.134	351.153	40.2022	6.56969	32.1323	-0.011563
0.69805	77.3716	85.9857	358.931	355.933	40.3163	6.54688	32.1817	-0.012188
0.69905	77.3716	85.7121	362.185	360.714	39.7131	6.52969	32.3297	-0.012813
0.70005	76.4151	85.9857	365.383	364.401	38.4332	6.54094	32.7245	-0.010313
0.70105	77.3716	85.8489	370.18	370.274	38.5718	6.60844	32.6751	-0.013438
0.702051	77.235	86.2593	374.063	373.006	39.8353	6.59375	32.9712	-0.011875
0.703051	76.9617	85.9857	379.546	377.377	40.1614	6.60344	33.1192	-0.011563
0.704051	77.235	85.9857	382.744	382.567	40.781	6.60469	33.2179	-0.013125
0.705051	77.235	85.7121	387.313	386.664	41.1071	6.60594	33.81	-0.010938
0.706051	77.5083	85.5753	392.338	390.762	40.6505	6.60656	33.4646	-0.012188
0.707051	77.3716	85.8489	395.993	395.405	39.9332	6.61062	34.0074	-0.012813
0.708051	76.9617	85.9857	401.381	400.595	39.2239	6.61969	33.7114	-0.012813
0.709051	77.7816	85.8489	406.588	404.693	37.8462	6.61687	33.9087	-0.011563
0.710051	77.0983	85.9857	409.928	409.084	38.2416	6.61469	34.1061	-0.012188
0.711051	77.235	86.1225	414.611	412.751	39.0527	6.61969	34.0074	-0.012813
0.712051	77.235	85.9857	418.037	418.897	39.5174	6.62719	34.3035	-0.011563
0.713051	76.9617	86.3962	422.035	420.946	39.4929	6.63156	34.6982	-0.012188
0.714051	77.235	86.1225	426.375	424.361	39.6275	6.61469	34.8463	-0.00875
0.715051	76.9617	85.8489	429.469	429.278	39.5092	6.58875	34.8956	-0.014063
0.716052	77.5083	85.9857	432.886	432.009	38.8449	6.56594	34.9943	-0.012188
0.717052	77.235	86.2593	436.883	434.741	38.0582	6.58219	35.2904	-0.010938
0.718052	78.0549	86.1225	440.061	439.112	38.1968	6.65281	35.3891	-0.012813
0.719052	77.235	85.9857	443.051	442.863	39.2728	6.63969	35.4384	-0.010938
0.720052	77.235	85.1649	447.505	446.76	39.9658	6.64437	35.5865	-0.01125
0.721052	77.235	86.1225	450.816	449.492	40.4141	6.64219	35.7345	-0.010938
0.722052	77.235	85.9857	454.244	452.77	40.4386	6.63969	36.0306	-0.011563
0.723052	77.3716	86.2593	458.813	457.414	40.2919	6.63969	36.2773	-0.01125
0.724052	76.4151	85.9857	461.783	460.965	39.8068	6.64187	36.1292	-0.010625
0.725052	77.5083	86.533	466.694	464.926	38.959	6.64344	36.376	-0.008438
0.726052	76.6884	86.1225	469.549	468.067	37.7585	6.64219	36.4253	-0.011563
0.727052	77.7816	85.9857	473.204	471.891	37.084	6.64219	37.0668	-0.01375
0.728052	76.9617	86.2593	477.202	476.125	37.834	6.63969	36.8694	-0.012188
0.729052	77.235	86.1225	480.971	480.633	38.3761	6.64469	37.0668	-0.010938
0.730053	77.3716	85.5753	485.197	483.091	38.6614	6.64094	37.0668	-0.011875
0.731053	76.9617	86.6698	487.71	486.915	38.8285	6.62906	37.2148	-0.011875
0.732053	77.5083	86.1225	489.88	490.603	38.6044	6.59781	37.3629	-0.010938
0.733053	77.7816	86.1225	493.764	493.861	38.3435	6.57156	37.6589	-0.012813
0.734053	77.235	85.9857	497.419	496.749	37.7158	6.57187	37.6589	-0.01125

0.735053	77.235	85.8489	499.931	496.115	37.7036	6.64344	37.8563	-0.012188
0.736053	77.5083	85.7121	502.673	502.349	38.906	6.62906	37.8563	-0.010938
0.737053	77.235	85.9857	504.957	504.671	39.603	6.63094	38.0043	-0.012813
0.738053	77.235	85.9857	507.241	507.13	40.1673	6.62844	38.3991	-0.012813
0.739053	77.3716	85.8489	509.526	509.588	40.781	6.62469	38.3991	-0.011563
0.740053	76.9617	85.9857	511.582	511.773	40.5406	6.62156	38.9912	-0.009688
0.741053	77.3716	86.2593	513.866	513.959	39.8598	6.62156	38.9912	-0.01125
0.742053	76.9617	86.2593	515.579	516.964	40.0799	6.61656	39.1886	-0.012188
0.743053	77.235	86.1225	517.978	518.876	39.1587	6.61469	39.238	-0.011875
0.744054	77.0983	86.2593	520.148	520.241	36.8394	6.61812	39.386	-0.011563
0.745054	76.9617	86.2593	522.204	523.246	38.2783	6.61656	39.7808	-0.012813
0.746054	77.0983	86.2593	524.26	525.158	39.2891	6.61594	40.0275	-0.010938
0.747054	77.235	85.9857	526.658	527.48	38.2049	6.60719	39.9288	-0.010313
0.748054	77.5083	86.1225	528.257	529.256	38.9468	6.5975	40.0275	-0.014375
0.749054	77.235	85.9857	530.086	531.988	40.0228	6.56969	40.5703	-0.011563
0.750054	77.235	85.9857	532.826	535.266	38.1234	6.55219	40.5209	-0.01125
0.751054	77.5083	86.2593	535.339	536.358	37.2756	6.53281	40.6196	-0.011875
0.752054	76.9617	86.2593	537.166	537.997	38.5391	6.60156	41.0144	-0.011563
0.753054	77.235	86.1225	538.994	540.182	38.5962	6.60531	41.1131	-0.012188
0.754054	76.9617	86.2593	540.593	541.548	39.0201	6.60469	41.4091	-0.012188
0.755054	77.235	85.9857	542.649	544.553	41.319	6.60687	41.6559	-0.011875
0.756054	77.235	86.533	544.362	545.646	40.8625	6.60219	41.7545	-0.011875
0.757055	77.3716	86.9857	545.847	545.373	40.8543	6.59469	41.9026	-0.011563
0.758055	76.9617	86.3962	547.56	548.651	41.5187	6.59937	41.9026	-0.011563
0.759055	77.235	85.9857	549.274	549.47	40.4916	6.60344	42.0506	-0.010313
0.760055	76.4161	85.9857	549.816	551.519	39.4807	6.60469	42.4454	-0.012188
0.761055	77.235	85.9857	552.472	552.338	37.9607	6.60156	42.7414	-0.012188
0.762055	77.235	85.9857	554.413	556.572	38.6207	6.59612	42.8895	-0.011563
0.763055	76.825	86.1225	557.269	557.392	39.0731	6.59969	43.2842	-0.010625
0.764055	77.235	86.1225	559.096	560.397	39.4685	6.60156	42.8401	-0.012813
0.765055	76.9617	86.2593	562.751	563.401	39.3544	6.60094	43.3336	-0.011563
0.766055	77.235	86.2593	565.036	565.86	39.2402	6.57406	43.4323	-0.012188
0.767055	76.825	86.1225	568.691	568.865	39.012	6.54969	43.7777	-0.011875
0.768055	77.3716	86.2593	572.46	572.416	38.209	6.52688	43.7777	-0.011875
0.769055	77.235	86.1225	576.229	577.879	37.1655	6.56906	43.9751	-0.008125
0.770056	77.235	86.1225	581.255	581.157	38.0704	6.61344	44.2218	-0.0125
0.771056	77.3716	85.8489	585.138	584.708	38.8815	6.59594	44.1231	-0.013438
0.772056	76.9617	86.1225	589.364	590.718	39.5663	6.60219	44.5178	-0.013125
0.773056	77.0983	86.533	594.275	594.269	40.6016	6.60531	44.6659	-0.013125
0.774056	77.235	86.2593	599.768	598.64	40.5772	6.61219	44.8633	-0.010625
0.775056	77.5083	86.2593	604.555	603.657	40.3245	6.60219	44.7152	-0.012188
0.776056	76.9617	86.533	609.238	609.02	40.6261	6.60344	44.8619	-0.011563
0.777056	76.9617	85.9857	614.378	613.8	38.1162	6.60719	45.258	-0.011563
0.778056	76.9617	86.1225	619.746	620.358	37.1044	6.60875	45.4554	-0.011563
0.779056	77.235	86.1225	625.343	624.59	38.8852	6.61219	45.3587	-0.012813
0.780056	77.235	86.533	631.282	629.917	38.9834	6.60781	45.8502	-0.010938
0.781056	76.9617	86.2593	636.308	634.971	38.8978	6.60969	45.7515	-0.012813
0.782056	77.235	86.2593	642.018	640.707	39.2851	6.61219	45.9488	-0.013125
0.783056	76.9617	86.2593	647.958	645.897	39.0853	6.61094	46.1462	-0.01375

0.784056	77.0983	86.2593	653.669	650.268	38.4656	6.56094	46.2943	-0.010938
0.785057	76.9617	86.8066	658.923	656.55	37.9848	6.56406	46.7384	-0.010938
0.786057	77.0983	85.7121	664.519	662.56	37.0229	6.55156	46.7384	-0.012188
0.787057	76.9617	86.8066	669.086	666.794	36.444	6.62594	46.7384	-0.012813
0.788057	77.0983	85.9857	674.228	671.028	37.6261	6.61969	46.9357	-0.012813
0.789057	77.3716	85.7121	679.71	678.13	38.8285	6.62094	46.7384	-0.011563
0.790057	77.235	86.1225	684.507	683.321	39.2565	6.61937	47.3305	-0.012813
0.791057	76.9617	86.1225	689.419	688.238	39.8109	6.62219	47.1331	-0.010938
0.792057	77.3716	86.2593	694.901	694.52	40.2266	6.62531	47.3305	-0.013125
0.793057	77.235	86.1225	696.442	700.667	39.819	6.62531	47.7253	-0.012188
0.794057	77.3716	86.2593	700.955	707.906	38.8326	6.62406	47.9226	-0.011875
0.795057	76.9617	86.3962	700.726	716.647	37.1574	6.62594	48.12	-0.012813
0.796057	77.3716	85.9857	700.498	727.163	36.368	6.63062	48.2187	-0.012813
0.797057	76.9617	86.2593	700.364	737.134	38.8	6.63219	48.1693	-0.011563
0.798057	76.825	86.1225	700.498	745.739	39.3054	6.63062	48.12	-0.011563
0.799058	77.235	85.7121	700.612	751.612	39.5826	6.62781	48.5148	-0.012188
0.800058	76.9617	85.1649	700.498	756.529	39.5745	6.62687	48.7121	-0.010938
0.801058	76.9617	85.9857	700.27	759.533	38.9549	6.60969	49.0576	-0.011563
0.802058	76.9617	86.2593	701.64	763.358	38.5391	6.58719	49.1069	-0.011875
0.803058	77.5083	85.7121	703.924	765.68	38.3068	6.56406	49.2056	-0.01125
0.804058	76.825	86.1225	707.579	770.06	37.4834	6.61969	49.551	-0.013438
0.805058	76.9617	85.7121	711.92	773.465	37.6057	6.63969	49.8964	-0.012813
0.806058	77.235	86.1225	716.717	777.835	39.0609	6.63969	49.9951	-0.012813
0.807058	76.9617	86.8066	721.742	780.021	39.7375	6.64719	50.3405	-0.01125
0.808058	76.825	85.9857	726.083	783.026	40.1492	6.64094	50.4885	-0.011563
0.809058	76.9617	85.9857	729.966	786.464	40.3867	6.64719	50.4885	-0.011563
0.810058	76.9617	86.2593	733.393	788.762	40.0188	6.64313	50.982	-0.011563
0.811058	76.9617	85.9857	736.362	791.767	39.709	6.64469	51.2287	-0.012813
0.812058	77.235	86.3962	738.875	794.498	37.3326	6.64219	51.4754	-0.010938
0.813059	77.0983	86.1225	740.38	798.323	37.6672	6.63969	51.6728	-0.012188
0.814059	77.3716	86.2593	742.302	801.601	39.2076	6.64094	51.6728	-0.0125
0.815059	76.9617	86.2593	742.073	804.059	39.2402	6.64125	51.6728	-0.012813
0.816059	77.5083	86.2593	743.216	807.61	39.7457	6.63906	52.8571	-0.011563
0.817059	77.235	86.1225	743.101	811.161	40.1207	6.63219	52.2156	-0.012813
0.818059	76.9617	86.2593	741.846	813.483	39.8478	6.61531	52.7091	-0.012813
0.819059	77.235	85.9857	741.616	816.078	39.3462	6.58938	52.7584	-0.012813
0.820059	77.9183	86.3962	740.817	818.947	38.8571	6.57219	52.8078	-0.012813
0.821059	77.3716	85.7121	740.474	821.542	38.0826	6.57719	52.9558	-0.011563
0.822059	76.9617	86.2593	740.817	826.639	37.687	6.64219	53.3505	-0.012813
0.823059	77.235	86.2593	740.474	827.825	38.9631	6.62344	53.3505	-0.010313
0.824059	77.3716	86.1225	740.931	831.102	39.9332	6.63562	53.4988	-0.012188
0.825059	77.235	86.2593	740.703	832.059	40.1166	6.63219	53.2519	-0.013438
0.826059	77.235	86.2593	740.931	835.746	40.0962	6.63219	53.7453	-0.012813
0.82706	77.235	86.1225	741.16	838.751	40.0595	6.62344	54.1894	-0.01125
0.82806	77.3716	85.9857	741.616	841.483	39.497	6.62719	54.3374	-0.012813
0.82906	76.4151	86.1225	741.616	844.351	38.4413	6.63594	54.1894	-0.012188
0.83006	76.825	86.533	742.073	847.492	37.1125	6.63344	54.2387	-0.010625
0.83106	77.5083	86.6698	742.416	849.951	37.5487	6.62625	54.1401	-0.010938
0.83206	77.235	85.9857	742.759	852.409	38.3883	6.62219	54.3374	-0.0125

0.83306	77.235	86.2593	742.53	856.507	38.6207	6.62406	54.7815	-0.012188
0.83406	76.6884	85.9857	742.759	857.873	38.7307	6.62906	54.6335	-0.012813
0.83506	76.9617	86.3962	742.53	860.068	38.9141	6.61969	54.5348	-0.010313
0.83606	76.9617	86.3962	742.759	861.56	38.6533	6.58594	54.4361	-0.0125
0.83706	77.3716	85.9857	742.987	864.292	37.9114	6.56344	54.7815	-0.011875
0.83806	76.9617	86.1225	743.215	867.433	37.2348	6.54719	55.7684	-0.011563
0.83906	77.9183	86.2593	742.987	870.165	37.2593	6.61781	54.9789	-0.013438
0.84006	77.3716	85.7121	742.759	872.623	38.156	6.63219	55.0283	-0.012188
0.841061	76.9617	86.2593	741.731	873.863	38.6492	6.61719	55.0776	-0.011875
0.842061	77.235	85.9857	740.703	876.721	39.4156	6.62219	55.423	-0.012813
0.843061	77.5449	86.2593	739.903	879.453	39.5011	6.62469	55.5217	-0.012813
0.844061	77.235	86.1225	739.104	882.731	39.1913	6.62844	55.6204	-0.01125
0.845061	77.3716	86.8066	738.847	884.643	39.0242	6.62219	55.8178	-0.011563
0.846061	77.7816	86.3962	738.533	886.691	38.3027	6.61969	55.6204	-0.011563
0.847061	77.0983	85.9857	737.961	889.15	37.2348	6.61875	55.6204	-0.010938
0.848061	77.0983	86.3962	737.961	891.472	36.2362	6.62469	56.0152	-0.01125
0.849061	77.235	86.1225	738.19	895.023	36.3299	6.62844	56.6566	-0.011563
0.850061	77.3716	86.2593	739.332	897.756	37.0229	6.62469	56.3606	-0.012813
0.851061	77.3716	86.2593	739.56	900.213	37.6587	6.62406	56.6566	-0.011875
0.852061	76.9617	86.1225	740.017	903.218	37.7892	6.62281	56.4099	-0.012188
0.853061	77.235	86.533	740.588	905.403	37.6343	6.61594	56.6566	-0.013438
0.854061	77.3716	86.3962	739.903	907.315	37.7892	6.58781	56.6073	-0.012813
0.855062	77.5083	86.3962	738.19	909.91	36.9495	6.55969	57.1007	-0.012813
0.856062	77.3716	86.3962	736.362	912.779	36.6234	6.55562	56.6073	-0.01125
0.857062	77.235	86.6698	734.192	913.671	37.2307	6.63156	56.9034	-0.012813
0.858062	76.9617	86.2593	730.88	914.964	38.0256	6.62531	56.7553	-0.014063
0.859062	77.235	86.2593	728.596	918.515	38.8	6.62531	57.1994	-0.010938
0.860062	77.5083	85.9857	727.225	920.837	39.4522	6.62094	57.7916	-0.012188
0.861062	76.6884	86.2593	724.712	923.978	39.497	6.62469	57.5448	-0.013125
0.862062	77.7816	86.2593	722.314	926.437	39.4766	6.62906	57.8409	-0.011563
0.863062	77.5083	86.2593	719.801	929.305	39.3707	6.62844	57.5942	-0.010938
0.864062	77.0983	86.2593	717.402	931.627	38.5473	6.62469	57.8409	-0.011563
0.865062	77.235	86.533	715.118	933.949	37.618	6.62219	57.9889	-0.013125
0.866062	76.9617	86.3962	712.833	936.544	36.5419	6.62156	58.3837	-0.010938
0.867062	76.9617	86.1225	710.778	939.549	37.031	6.62969	58.1863	-0.014063
0.868063	76.9617	86.2593	708.722	940.641	37.6383	6.62719	58.3344	-0.014063
0.869063	77.3716	86.1225	706.095	943.51	38.0745	6.62281	58.6304	-0.011563
0.870063	77.0983	86.2593	702.211	945.285	37.9644	6.62156	58.4824	-0.015313
0.871063	77.7816	86.2593	700.041	947.88	37.887	6.61156	59.1732	-0.012813
0.872063	76.9617	86.3962	696.843	950.202	37.6424	6.58781	59.0252	-0.010938
0.873063	76.9617	86.2593	695.244	952.661	37.0718	6.58781	59.0745	-0.01125
0.874063	76.5517	86.3962	692.731	954.846	36.4604	6.57219	59.1239	-0.012188
0.875063	77.7816	86.2593	690.218	957.441	37.5364	6.53969	59.2228	-0.012813
0.876063	77.235	85.9857	687.02	959.763	38.7837	6.52781	59.3706	-0.012813
0.877063	77.235	86.2593	683.822	961.948	39.2851	6.53594	59.568	-0.011563
0.878063	77.3716	86.2593	680.624	963.997	39.56	6.52844	59.6667	-0.011563
0.879063	77.235	86.2593	678.34	964.543	40.3489	6.52625	59.716	-0.011563
0.880063	76.9617	86.2593	676.055	965.636	39.9332	6.52812	59.716	-0.010938
0.881063	76.9617	86.8066	675.37	966.592	39.709	6.53437	60.0614	-0.010938

0.882064	77.3716	86.2593	675.142	967.411	39.0853	6.63781	60.3575	-0.014688
0.883064	77.235	86.2593	675.484	966.865	36.709	6.62781	60.2588	-0.014063
0.884064	76.9617	86.8066	676.055	967.958	37.3408	6.62937	60.6042	-0.011563
0.885064	77.236	86.2593	676.969	970.143	37.8095	6.62969	60.5549	-0.012813
0.886064	76.9617	86.8066	677.554	972.055	38.2497	6.63812	60.7523	-0.012188
0.887064	76.9617	86.2593	678.797	973.967	38.3883	6.63625	60.7523	-0.010938
0.888064	76.9617	86.3962	679.71	975.743	37.7362	6.62969	60.9003	-0.012188
0.889064	76.9617	86.1225	680.167	977.519	37.9726	6.61219	61.0483	-0.010313
0.890064	76.9617	86.533	680.167	977.519	37.2552	6.58594	60.9496	-0.011875
0.891064	76.9617	86.533	681.081	978.884	36.3707	6.57469	61.2457	-0.009688
0.892064	76.9617	86.3962	680.967	979.977	36.118	6.58969	61.147	-0.014063
0.893064	77.235	86.3962	681.995	981.07	37.2144	6.64812	61.9365	-0.011563
0.894064	77.3716	85.3017	682.223	982.982	37.8136	6.63469	61.7391	-0.01375
0.895064	77.235	86.2593	683.365	983.801	38.4617	6.64469	61.8872	-0.013438
0.896065	77.236	86.3962	684.736	985.987	38.9141	6.64219	62.0846	-0.011563
0.897065	76.9617	86.2593	685.878	987.626	39.2443	6.63906	61.8872	-0.010938
0.898065	77.235	86.3962	687.02	990.63	39.1632	6.63719	62.0846	-0.012188
0.899065	77.235	86.533	689.419	991.996	38.6614	6.64281	62.2326	-0.0125
0.900065	77.235	86.2593	691.475	994.728	36.4318	6.64812	62.2326	-0.01125
0.901065	77.3716	86.2593	693.873	996.367	36.1098	6.64094	62.576	-0.012188
0.902065	77.5083	86.2593	697.3	1000.74	37.1003	6.63969	62.4793	-0.011875
0.903065	77.3716	86.2593	698.67	1001.83	37.3326	6.64344	62.6767	-0.0125
0.904065	77.5083	85.7121	701.163	1005.11	37.5446	6.64469	63.1206	-0.013438
0.905065	77.236	86.2593	703.924	1007.7	37.8136	6.64219	63.3182	-0.011875
0.906065	77.3716	86.2593	707.123	1010.3	37.4386	6.64156	63.2688	-0.010625
0.907065	77.235	86.2593	710.778	1013.85	36.9576	6.60938	63.2196	-0.011563
0.908065	77.9183	86.2593	713.633	1017.4	36.6927	6.58594	63.4662	-0.010938
0.909065	76.625	86.533	717.745	1020.41	35.6941	6.56812	63.6142	-0.012813
0.910066	76.9617	86.2593	720.829	1024.5	35.0826	6.59719	63.7129	-0.01125
0.911066	77.235	86.3962	724.484	1029.01	35.5229	6.64719	63.9597	-0.012188
0.912066	77.235	86.2593	727.225	1031.33	36.9862	6.62719	64.0583	-0.012813
0.913066	76.9617	86.2593	731.565	1035.43	37.6096	6.63625	64.3051	-0.009688
0.914066	76.9617	86.3962	733.621	1037.89	38.0704	6.63781	64.6024	-0.013438
0.915066	77.3716	86.6698	737.733	1041.71	38.4413	6.63562	64.8972	-0.010625
0.916066	76.9617	86.2593	740.588	1044.72	38.3966	6.62844	64.6999	-0.011875
0.917066	77.3716	85.9857	744.129	1047.45	38.1315	6.62906	65.0946	-0.014063
0.918066	77.235	86.2593	746.071	1050.86	36.925	6.63344	65.1933	-0.01125
0.919066	77.236	86.2593	749.155	1054.28	35.69	6.63344	65.5387	-0.010938
0.920066	77.6449	86.3962	752.353	1056.46	37.031	6.63062	65.3907	-0.011563
0.921066	77.3716	86.1225	754.98	1059.06	37.6506	6.62719	65.6867	-0.012188
0.922066	76.9617	86.8066	756.465	1061.93	37.6913	6.62812	65.6867	-0.010938
0.923066	77.5083	86.2593	759.206	1063.29	37.7484	6.63375	66.1308	-0.013125
0.924067	77.3716	86.533	763.318	1066.16	37.8992	6.63219	66.2295	-0.009063
0.925067	77.3716	86.2593	764.003	1066.21	37.7484	6.61156	66.4762	-0.012188
0.926067	77.3716	86.2593	766.267	1070.26	37.2715	6.57844	66.5749	-0.011875
0.927067	77.236	86.3962	769.267	1073.26	36.3462	6.56625	66.6243	-0.01375
0.928067	77.235	86.1225	772.341	1075.58	36.0691	6.59156	66.9897	-0.011563
0.929067	77.3716	86.2593	774.74	1078.59	36.3136	6.64594	67.1177	-0.010625
0.930067	77.6449	86.6698	777.938	1080.5	37.2552	6.62094	67.0684	-0.012188

0.931067	77.5083	86.533	780.907	1082.69	36.0663	6.62781	67.4631	-0.010938
0.932067	77.5083	86.3962	783.763	1084.67	38.8408	6.62719	67.7592	-0.011875
0.933067	77.5083	86.3962	787.189	1087.74	38.5391	6.63219	67.4631	-0.011563
0.934067	77.235	86.2593	790.273	1089.24	38.5025	6.62844	68.154	-0.011875
0.935067	77.235	85.9857	794.157	1090.88	38.0828	6.62406	68.0059	-0.010313
0.936067	77.3716	86.3962	795.527	1092.38	36.2036	6.62406	68.0553	-0.014063
0.937067	77.235	85.9857	797.812	1095.12	35.9957	6.62844	68.8448	-0.012813
0.938068	77.3716	86.1225	800.324	1097.44	37.1044	6.62969	68.6474	-0.0125
0.939068	77.5083	86.2593	801.923	1100.17	37.3245	6.62781	68.6967	-0.012813
0.940068	77.0983	86.3962	803.406	1101.67	38.166	6.62469	69.0422	-0.011563
0.941068	77.235	86.6698	805.35	1104.13	38.1275	6.6275	69.0422	-0.012813
0.942068	77.3716	86.2593	806.035	1105.91	38.1315	6.63344	69.2889	-0.010938
0.943068	76.9617	86.6698	806.149	1107.82	38.1152	6.62219	69.4863	-0.0125
0.944068	77.235	87.2171	808.721	1111.92	37.4957	6.58781	69.2889	-0.011875
0.945068	77.235	86.2593	807.863	1111.92	37.031	6.56437	69.9304	-0.011875
0.946068	77.7816	86.1225	807.177	1113.28	36.1913	6.56844	69.8317	-0.010938
0.947068	77.5083	86.2593	807.634	1115.74	36.4196	6.64313	69.8317	-0.012813
0.948068	77.235	86.1225	807.634	1118.74	37.5609	6.63344	70.4238	-0.011563
0.949068	77.235	86.8066	808.434	1120.66	38.0949	6.63062	70.4238	-0.012813
0.950068	77.0983	86.3962	808.548	1122.02	38.3761	6.63094	70.7692	-0.012188
0.951068	77.0983	86.2593	810.147	1124.21	38.4209	6.63156	70.6212	-0.010938
0.952069	77.5083	85.7121	809.918	1125.71	38.2212	6.63469	70.9666	-0.012813
0.953069	76.9617	86.3962	811.748	1128.85	37.7892	6.63281	70.9173	-0.010313
0.954069	77.7816	86.533	811.86	1129.67	36.7457	6.63188	71.312	-0.011563
0.955069	77.5083	86.1225	812.888	1132.95	35.584	6.62906	71.8055	-0.011563
0.956069	77.5083	85.9857	813.574	1134.04	35.8489	6.61906	71.7561	-0.011563
0.957069	77.3716	86.3962	814.031	1135.41	36.281	6.62969	71.8055	-0.010313
0.958069	77.5083	86.2593	812.431	1136.77	36.6234	6.62562	71.9535	-0.012813
0.959069	77.9183	86.3962	814.031	1139.23	37.137	6.62969	72.0028	-0.013125
0.960069	77.235	86.2593	814.944	1141.28	36.9373	6.63094	72.2002	-0.013438
0.961069	77.235	86.533	814.487	1142.37	36.9087	6.62313	72.1509	-0.012188
0.962069	76.9617	86.8066	813.802	1143.6	36.7171	6.59937	72.3976	-0.011563
0.963069	77.3716	86.3962	814.944	1144.97	35.9794	6.56969	72.3976	-0.011563
0.964069	77.0983	85.9857	814.944	1147.15	35.1845	6.55969	72.595	-0.010625
0.965069	77.3716	86.2593	814.487	1148.93	35.7511	6.63562	72.4963	-0.012188
0.96607	77.235	86.2593	814.944	1151.8	36.6152	6.64406	72.6937	-0.013438
0.96707	77.235	86.8066	814.944	1151.25	37.0392	6.63656	72.7924	-0.013125
0.96807	77.235	86.6698	814.944	1153.44	37.4916	6.63531	73.0391	-0.011563
0.96907	77.235	86.2593	814.716	1155.89	37.6587	6.63656	73.1871	-0.011875
0.97007	77.5083	85.5753	813.117	1156.71	37.406	6.64219	73.7299	-0.010313
0.97107	77.235	86.1225	812.203	1159.17	37.1207	6.64406	73.3846	-0.010313
0.97207	76.0549	86.2593	811.746	1160.54	36.5174	6.64156	73.5819	-0.011563
0.97307	76.6884	86.2593	810.376	1163	35.6778	6.64219	73.5819	-0.01375
0.97407	77.235	86.2593	809.804	1164.91	34.5202	6.64156	73.5819	-0.014688
0.97507	77.5083	85.7121	809.804	1166.55	34.5038	6.64656	74.1247	-0.012813
0.97607	77.5083	86.3962	809.576	1166.82	35.3272	6.64781	73.8779	-0.012813
0.97707	77.5083	86.2593	809.462	1168.01	35.7674	6.64687	74.1247	-0.012188
0.97807	77.5083	86.2593	809.69	1170.1	36.0609	6.64656	74.2727	-0.012813
0.97907	77.3716	86.3962	811.061	1172.28	36.0405	6.64844	74.2727	-0.008125

0.980071	76.9617	87.0803	810.147	1173.38	35.8408	6.62594	74.3714	-0.012813
0.981071	76.5517	86.3962	810.604	1174.47	35.7919	6.59781	74.4701	-0.011875
0.982071	77.6449	86.2593	811.175	1176.11	34.9848	6.57469	75.1116	-0.012188
0.983071	77.5083	86.533	811.746	1178.57	34.9807	6.62469	74.8648	-0.010938
0.984071	77.0983	86.533	811.289	1179.93	36.1832	6.66469	74.7168	-0.015313
0.985071	77.5083	86.533	810.718	1181.67	36.6479	6.65156	75.1609	-0.012813
0.986071	77.5083	86.3962	809.919	1181.85	37.2267	6.65281	75.1609	-0.011875
0.987071	77.235	86.2593	807.634	1184.85	37.8055	6.64906	75.3583	-0.011563
0.988071	77.3716	86.3962	805.578	1186.13	37.6383	6.65719	75.1609	-0.012813
0.989071	77.5083	86.533	803.751	1187.58	37.6832	6.65656	75.0622	-0.013125
0.990071	77.6449	86.3962	801.695	1188.67	37.4142	6.65281	75.5063	-0.010313
0.991071	77.3716	86.533	800.324	1190.31	36.5989	6.65125	75.6544	-0.011563
0.992071	77.3716	86.533	797.355	1191.68	35.8734	6.65344	75.753	-0.01375
0.993072	77.5083	86.533	796.669	1193.59	34.6506	6.64906	75.9504	-0.012188
0.994072	77.3716	86.1225	794.385	1194.14	35.2536	6.65094	76.0491	-0.011563
0.995072	77.235	86.2593	792.9	1195.91	36.175	6.65031	75.9504	-0.011563
0.996072	77.3716	86.2593	791.996	1197.14	36.1424	6.64781	75.9998	-0.012188
0.997072	77.3716	86.533	791.416	1198.61	35.8734	6.64906	76.3945	-0.011875
0.998072	77.235	86.3962	790.169	1199.6	36.546	6.63281	76.4439	-0.010938
0.999072	77.3716	86.8066	789.131	1200.83	35.8734	6.60562	76.4932	-0.012188
1.00007	77.3716	86.6698	787.532	1201.24	34.9441	6.57813	76.5426	-0.011563
1.00107	77.235	85.9857	787.075	1202.2	35.099	6.56406	76.6412	-0.009375
1.00207	77.3716	86.533	786.248	1202.61	36.1845	6.64219	76.5429	-0.014063
1.00307	77.5083	86.2593	784.791	1204.62	36.9508	6.63719	76.5429	-0.012813
1.00407	77.3716	86.533	784.105	1204.79	37.3163	6.63719	76.8386	-0.012188
1.00507	77.6449	86.2593	783.763	1205.2	37.3571	6.63094	76.4932	-0.010938
1.00607	77.235	86.8066	782.506	1205.61	38.0663	6.63469	76.8386	-0.012188
1.00707	77.0983	86.2593	781.821	1206.16	38.05	6.63094	76.9373	-0.010938
1.00807	77.7816	86.2593	781.593	1206.98	37.6424	6.63158	76.9373	-0.0125
1.00907	77.5083	86.533	780.793	1206.98	37.887	6.62719	77.1347	-0.01125
1.01007	77.5083	87.0803	779.765	1207.52	36.2525	6.62469	76.9373	-0.011563
1.01107	77.5083	86.533	778.966	1207.8	35.0174	6.62344	77.1347	-0.012188
1.01207	77.235	87.0803	777.709	1206.7	35.0826	6.62656	76.9373	-0.011563
1.01307	77.5083	86.3962	778.395	1206.7	36.9652	6.62969	77.2827	-0.010313
1.01407	77.5083	86.2593	776.567	1207.52	36.0568	6.62469	77.3321	-0.011875
1.01507	77.3716	86.2593	776.339	1207.52	35.9652	6.62437	77.3321	-0.012813
1.01607	77.235	86.2593	775.425	1207.25	36.0242	6.62094	77.3321	-0.012813
1.01707	77.235	86.2593	776.196	1207.25	36.1913	6.60969	77.1347	-0.014063
1.01807	76.6884	86.2593	775.311	1207.52	35.0011	6.57844	77.4308	-0.011875
1.01907	77.235	86.533	775.196	1207.52	34.3	6.55344	77.1347	-0.013125
1.02007	77.6449	86.533	774.397	1206.16	34.459	6.58906	77.2827	-0.011563
1.02107	77.235	87.0803	774.283	1206.98	34.3204	6.63094	76.9373	-0.012813
1.02207	77.3716	86.3962	774.74	1206.16	34.9481	6.61719	77.3321	-0.01375
1.02307	77.5083	86.533	774.74	1206.16	36.387	6.62125	77.1347	-0.010313
1.02407	77.5083	86.2593	774.626	1206.02	36.9087	6.61687	77.3321	-0.015313
1.02507	77.235	86.1225	775.196	1207.52	36.1261	6.61719	76.9373	-0.014063
1.02607	76.9617	86.533	776.224	1208.62	36.7579	6.61594	77.7268	-0.011875
1.02707	77.235	86.8066	776.91	1208.89	37.3449	6.62094	77.2827	-0.013438
1.02807	77.5083	86.533	778.395	1209.96	35.8489	6.61969	77.3321	-0.011563

1.02907	77.5083	86.3962	779.651	1211.48	33.9087	6.61656	77.6281	-0.010625
1.03007	77.5083	86.6698	781.821	1212.99	34.2919	6.61594	77.5294	-0.011563
1.03107	77.5083	86.533	783.192	1214.22	34.8299	6.61875	77.3321	-0.012188
1.03207	77.3716	86.533	785.476	1215.58	35.1438	6.62094	77.3321	-0.012188
1.03307	77.3716	86.8698	787.76	1216.96	35.2864	6.61687	77.5294	-0.011875
1.03407	77.0983	86.9434	790.502	1217.9	35.8286	6.61594	77.3321	-0.012188
1.03507	77.5083	86.533	793.243	1218.59	35.2457	6.61062	77.2827	-0.011875
1.03607	77.3716	86.3962	794.842	1221.45	34.8788	6.59219	77.5294	-0.012813
1.03707	77.3716	86.3962	797.583	1223.64	34.8544	6.57469	77.5788	-0.011875
1.03807	77.235	86.3962	800.324	1225.55	34.0351	6.54969	77.2334	-0.012813
1.03907	77.5083	86.8066	803.066	1227.87	33.0935	6.56344	77.4308	-0.010313
1.04007	77.5083	86.1225	805.122	1230.74	32.9916	6.62875	77.5294	-0.012813
1.04107	77.5083	86.3962	808.548	1232.24	34.3	6.61656	77.5294	-0.012813
1.04208	77.235	87.0803	811.175	1234.84	34.7729	6.62437	77.6775	-0.013438
1.04308	77.6449	86.2593	813.916	1236.75	35.5962	6.62094	77.4801	-0.013438
1.04408	77.3716	86.2593	817.457	1239.48	35.9386	6.62469	77.7268	-0.011563
1.04508	77.5083	86.3962	820.427	1241.67	35.9794	6.62156	77.7268	-0.011563
1.04608	77.235	86.2593	822.483	1242.49	36.0809	6.62219	76.9373	-0.01375
1.04708	77.3716	86.533	825.452	1245.36	35.7022	6.62406	77.7268	-0.011875
1.04808	77.6449	86.3962	829.221	1246.5	34.5242	6.62406	78.467	-0.01125
1.04908	77.5083	86.8066	832.077	1250.68	33.55	6.62719	78.0229	-0.011875
1.05008	77.3716	85.9857	835.503	1252.6	34.5691	6.62719	78.0229	-0.015313
1.05108	77.235	86.2593	838.702	1254.64	35.0297	6.63219	77.9242	-0.0125
1.05208	77.5083	85.7121	841.329	1255.87	35.4006	6.62719	77.9242	-0.011875
1.05308	77.6449	86.2593	844.412	1257.38	35.4536	6.62719	77.8255	-0.012188
1.05408	77.5083	86.533	846.468	1256.87	35.2864	6.62969	77.8749	-0.011563
1.05508	77.3716	86.533	849.886	1260.52	35.4291	6.61562	77.9242	-0.012188
1.05608	77.9183	86.533	852.293	1260.79	35.0256	6.59219	77.6281	-0.010938
1.05708	77.6449	86.3962	855.149	1260.79	34.1166	6.56375	77.184	-0.015313
1.05808	77.5083	86.2593	856.976	1262.43	33.9903	6.59219	77.6281	-0.012813
1.05908	77.5083	86.533	859.375	1264.81	33.658	6.65062	77.7268	-0.011875
1.06008	77.235	86.3962	862.23	1264.61	34.0636	6.63906	77.0854	-0.011563
1.06108	77.5083	86.3962	864.172	1265.16	34.5038	6.64656	77.2334	-0.011875
1.06208	77.5083	86.2593	865.657	1265.84	35.5636	6.63969	77.4308	-0.0125
1.06308	77.5083	86.2593	869.198	1266.53	35.9875	6.64594	77.1347	-0.011563
1.06408	77.5083	86.533	871.139	1266.94	35.8816	6.64656	77.4308	-0.011563
1.06508	77.5083	86.2593	873.881	1268.3	35.7104	6.64812	77.4801	-0.011563
1.06608	77.5083	86.8698	877.079	1268.44	35.6207	6.64375	77.3814	-0.012813
1.06708	77.3716	87.0803	880.62	1269.53	34.3449	6.64656	77.5294	-0.013125
1.06808	77.5083	86.533	882.561	1268.98	32.8571	6.64719	76.7399	-0.015313
1.06908	77.5083	86.3962	886.673	1271.31	34.2186	6.65656	77.184	-0.015625
1.07008	76.825	86.533	890.328	1271.72	34.5609	6.65344	77.9735	-0.010313
1.07108	77.235	85.7121	893.756	1271.72	34.9318	6.64969	77.3814	-0.013438
1.07208	77.0983	86.3962	896.953	1272.95	35.368	6.65219	77.5294	-0.012188
1.07308	76.9617	87.0803	899.694	1273.63	35.4739	6.65844	76.9373	-0.012188
1.07408	77.235	86.533	901.978	1273.63	35.262	6.64469	77.1347	-0.011563
1.07508	76.9617	86.533	903.606	1274.72	35.1805	6.61094	77.2334	-0.011875
1.07608	77.7816	86.3962	906.318	1274.99	34.8544	6.58594	76.9373	-0.010313
1.07708	77.235	86.1225	906.89	1277.45	34.2348	6.60844	76.8386	-0.011875

1.07608	77.3716	86.533	908.831	1276.91	33.4359	6.67656	76.7399	-0.012188
1.07908	76.9617	86.3962	908.831	1276.09	33.6805	6.65562	76.4439	-0.011563
1.08008	76.825	86.3962	909.517	1278.27	34.6221	6.66344	76.6906	-0.013125
1.08108	77.235	85.7121	910.316	1278.27	35.0908	6.66187	76.9373	-0.011563
1.08208	77.6449	86.8066	910.43	1278.27	35.4903	6.65969	76.7893	-0.012813
1.08308	77.235	86.2593	912.372	1280.46	35.6166	6.65937	76.8386	-0.013438
1.08408	77.235	86.533	912.715	1280.46	35.6044	6.65312	76.5919	-0.013125
1.08508	77.5083	86.533	913.4	1281.55	35.2049	6.65219	76.7893	-0.010313
1.08608	77.3716	86.533	914.085	1282.64	34.6221	6.65531	76.9373	-0.011875
1.08708	78.0549	86.6698	914.085	1283.19	33.8761	6.65344	76.888	-0.012188
1.08808	77.5083	86.533	914.542	1284.01	32.7308	6.64906	76.6412	-0.011563
1.08908	77.5083	86.3962	915.456	1284.28	33.1587	6.64856	76.6906	-0.012188
1.09008	77.3716	86.533	916.712	1284.83	33.6968	6.64856	76.5426	-0.009688
1.09108	77.7816	86.3962	916.941	1286.06	34.0188	6.64469	76.6412	-0.013438
1.09208	77.235	86.2593	917.854	1286.47	34.3062	6.63969	77.184	-0.012813
1.09308	77.235	86.6698	918.768	1287.29	34.2837	6.63594	76.4932	-0.01125
1.09408	76.9617	86.2593	918.997	1288.24	34.2593	6.60562	76.3945	-0.011563
1.09508	77.235	86.8066	919.568	1288.93	34.0877	6.57594	76.4439	-0.011563
1.09608	77.5083	86.1225	920.367	1289.76	33.6071	6.56156	76.6412	-0.0125
1.09708	77.3716	86.1225	920.253	1289.88	33.0772	6.62812	76.8386	-0.010938
1.09808	77.3716	86.8066	920.938	1291.25	32.6615	6.63844	76.4932	-0.011563
1.09908	77.9183	86.533	921.624	1293.3	33.4522	6.62719	76.5426	-0.013125
1.10008	77.6449	86.6698	921.738	1292.2	34.0514	6.62531	76.7399	-0.010938
1.10108	77.5083	86.2593	921.395	1291.93	34.3816	6.62719	76.6412	-0.010313
1.10208	77.3716	86.3962	921.852	1293.57	34.8625	6.63125	76.888	-0.012188
1.10308	77.5083	85.7121	921.624	1294.53	34.7692	6.62469	77.5294	-0.012813
1.10408	77.3716	86.6698	922.195	1294.94	34.5038	6.61906	76.9373	-0.011563
1.10508	77.235	86.2593	921.509	1295.62	34.6424	6.61969	76.9373	-0.013125
1.10608	77.5083	86.3962	921.395	1295.21	33.6234	6.62344	76.9373	-0.011563
1.10708	77.7816	86.533	921.395	1296.07	32.9876	6.62219	77.2334	-0.0125
1.10808	77.5083	85.7121	921.624	1295.76	32.3272	6.61875	76.9373	-0.011563
1.10908	77.235	86.533	920.824	1296.3	31.7973	6.61469	76.9373	-0.010938
1.11008	77.3716	86.2593	921.395	1297.67	32.1642	6.61656	76.7399	-0.012813
1.11108	77.235	86.2593	921.395	1297.26	32.5881	6.62219	76.9373	-0.0125
1.11208	78.0549	85.7121	921.852	1298.62	33.1914	6.61969	76.9373	-0.009063
1.11308	77.235	86.2593	919.339	1298.35	33.0935	6.60281	76.6906	-0.012813
1.11408	77.5083	85.7121	918.997	1299.85	33.0568	6.57594	76.7893	-0.011875
1.11508	76.9617	86.2593	917.626	1300.54	33.118	6.55531	76.7893	-0.012188
1.11608	77.235	86.8066	916.827	1300.67	32.8286	6.55281	76.7399	-0.013125
1.11708	76.9617	86.3962	915.684	1300.95	32.0052	6.62406	76.7399	-0.013125
1.11808	77.3716	86.2593	916.456	1301.22	32.0582	6.61687	76.9373	-0.011563
1.11908	78.0549	86.533	915.113	1301.9	33.116	6.61687	76.888	-0.013438
1.12008	77.3716	86.2593	915.456	1302.31	33.3381	6.61719	76.8386	-0.012188
1.12108	77.3716	86.3962	915.456	1304.36	34.1615	6.62219	75.0129	-0.012813
1.12208	77.7816	86.2593	916.827	1302.72	34.4549	6.61969	78.0229	-0.011875
1.12308	77.5083	86.2593	917.854	1303.95	34.4305	6.61906	77.1347	-0.012813
1.12408	77.3716	86.3962	917.055	1303.4	34.6506	6.61469	77.3321	-0.014063
1.12508	77.3716	86.1225	917.283	1305.04	34.512	6.61969	77.7268	-0.0125
1.12608	77.3716	86.1225	917.283	1305.86	34.031	6.62469	77.6281	-0.011563

1.12708	77.235	86.533	917.283	1307.5	33.3422	6.62219	77.7268	-0.012813
1.12808	77.3716	86.1225	917.055	1308.32	32.849	6.62219	77.7268	-0.010938
1.12908	77.5083	86.3962	915.456	1306.68	31.7321	6.61969	76.0229	-0.011563
1.13008	77.5083	86.533	914.314	1307.5	32.2131	6.62469	77.9242	-0.013438
1.13108	77.5083	86.2593	912.943	1307.23	33.0772	6.62625	77.9242	-0.01125
1.13208	77.5083	86.6698	910.659	1308.18	33.0283	6.62344	77.6255	-0.01375
1.13308	77.235	86.6698	908.489	1305.59	32.6003	6.61375	77.7268	-0.012188
1.13408	77.235	86.533	906.318	1306.14	33.5093	6.58594	77.6281	-0.009063
1.13508	77.7616	86.3962	902.664	1306.14	32.9957	6.56562	77.0854	-0.012813
1.13608	76.9617	86.6698	900.836	1307.36	32.2049	6.56156	77.1347	-0.01125
1.13708	77.5083	86.533	900.151	1308.87	32.5514	6.63875	77.2827	-0.010313
1.13808	77.5083	86.533	898.894	1308.59	31.6914	6.63094	76.6412	-0.013438
1.13908	77.3716	86.3962	898.209	1308.59	32.1805	6.63312	76.8386	-0.012813
1.14008	77.5083	86.3962	898.562	1309.26	33.1914	6.63719	76.5919	-0.012813
1.14108	76.0549	86.533	897.638	1308.87	34.0186	6.63219	76.5426	-0.011563
1.14208	77.5083	86.533	897.067	1308.87	33.974	6.63594	76.4439	-0.012188
1.14308	77.5083	85.7121	896.61	1310.78	34.8381	6.63219	76.6906	-0.011563
1.14408	77.235	86.8066	894.897	1310.78	34.7199	6.63656	76.5919	-0.011563
1.14508	77.6449	86.1225	894.211	1311.74	34.4142	6.64437	76.5426	-0.010938
1.14608	76.9617	86.2593	889.871	1311.74	34.7036	6.64187	76.3945	-0.011563
1.14708	77.3716	86.2593	887.587	1312.55	33.7865	6.64469	76.9373	-0.011563
1.14808	77.5083	86.2593	884.274	1312.69	32.743	6.64187	76.5426	-0.01125
1.14908	77.235	85.7121	880.049	1313.92	31.897	6.64844	76.8386	-0.013438
1.15008	77.5083	86.3962	876.165	1315.29	31.9278	6.64906	76.9373	-0.012813
1.15108	77.3716	86.2593	872.282	1316.11	32.6778	6.64844	76.9373	-0.012813
1.15208	77.5083	86.3962	869.769	1317.61	32.8612	6.65031	76.9373	-0.012188
1.15308	77.235	86.2593	866.114	1319.25	32.5881	6.64594	77.7268	-0.012813
1.15408	77.5083	86.533	862.916	1322.26	33.0446	6.62625	78.1216	-0.012813
1.15508	77.5083	85.9857	860.403	1321.3	32.5598	6.59469	78.3683	-0.0125
1.15608	77.3716	86.3962	858.804	1322.25	32.2579	6.58344	78.5163	-0.010938
1.15708	77.7616	86.6698	854.806	1321.3	31.6588	6.55875	78.615	-0.012188
1.15808	76.0549	86.8066	851.151	1321.57	31.1696	6.56219	79.0098	-0.011563
1.15908	77.235	86.533	848.296	1321.43	30.7783	6.56469	79.3059	-0.011563
1.16008	77.3716	86.8066	845.555	1322.53	31.6588	6.65969	78.8124	-0.012188
1.16108	77.235	86.533	842.357	1322.25	32.1479	6.66094	78.8124	-0.012188
1.16208	77.7616	86.533	840.986	1322.25	32.7919	6.66469	78.6644	-0.012813
1.16308	77.235	86.8066	837.569	1321.71	33.0654	6.66719	78.319	-0.010938
1.16408	77.235	87.0803	835.275	1322.25	33.4196	6.66344	78.2203	-0.012188
1.16508	77.7616	86.533	833.105	1322.93	33.6642	6.65969	78.319	-0.012813
1.16608	77.235	86.533	830.478	1321.71	33.387	6.66344	77.6775	-0.012188
1.16708	77.3716	86.1225	828.422	1321.71	33.228	6.67094	77.5788	-0.010313
1.16808	77.6449	86.3962	824.767	1320.75	32.2376	6.66844	77.1347	-0.01375
1.16908	77.235	86.2593	822.483	1320.34	30.4441	6.66969	77.4308	-0.0125
1.17008	77.235	86.2593	821.569	1320.61	31.4876	6.67469	77.4308	-0.013125
1.17108	77.3716	86.533	819.97	1321.43	31.9278	6.67188	77.1347	-0.013125
1.17208	77.6449	86.2593	819.97	1321.3	31.8707	6.67406	77.2334	-0.013438
1.17308	77.3716	86.2593	818.599	1320.61	32.4291	6.66469	76.9373	-0.013125
1.17408	77.5083	86.2593	818.599	1320.61	32.2946	6.64906	76.9373	-0.012813
1.17508	77.235	86.3962	820.198	1320.61	32.0419	6.62187	77.2334	-0.011563

1.17608	77.5083	86.8066	821.226	1323.07	32.1601	6.59719	77.3321	-0.010938
1.17708	77.5083	85.7121	821.683	1322.93	31.6465	6.62313	77.4308	-0.010938
1.17808	77.3716	86.6698	822.264	1324.03	30.9618	6.66969	77.7268	-0.010313
1.17908	77.9183	86.3962	822.483	1324.16	30.599	6.65687	77.8255	-0.013125
1.18008	77.5083	87.0803	822.14	1324.44	30.0609	6.65906	78.467	-0.011563
1.18109	77.235	86.2593	822.254	1324.98	29.9916	6.65406	78.7631	-0.012188
1.18209	77.5083	85.9857	822.254	1325.26	31.2593	6.65312	78.8124	-0.012188
1.18309	77.5083	86.533	823.168	1326.08	31.777	6.64719	78.9111	-0.012813
1.18409	77.5083	85.9857	823.396	1325.67	32.2131	6.64344	78.7631	-0.010625
1.18509	77.5083	86.3962	823.853	1326.76	32.4577	6.63875	79.2072	-0.011563
1.18609	77.5083	86.3962	825.338	1327.44	32.6533	6.63656	79.2072	-0.012813
1.18709	77.5083	86.533	826.366	1328.53	32.6941	6.63781	79.1578	-0.011875
1.18809	77.3716	86.533	827.28	1328.13	32.4536	6.62687	79.1578	-0.011875
1.18909	77.7816	86.2593	828.536	1327.99	31.7117	6.62469	78.9604	-0.009375
1.19009	77.3716	86.2593	828.85	1327.99	30.1832	6.62781	79.1085	-0.013125
1.19109	77.3716	86.8066	829.564	1327.86	30.8069	6.62812	79.1085	-0.012188
1.19209	77.5083	86.533	832.534	1328.62	31.4631	6.62281	78.5163	-0.012813
1.19309	77.3716	86.533	834.932	1328.62	31.5079	6.61781	78.0722	-0.012188
1.19409	77.5083	86.533	838.245	1327.31	31.724	6.62094	78.1709	-0.014063
1.19509	77.6449	86.3962	839.644	1328.9	32.0541	6.59719	77.5788	-0.012188
1.19609	78.0549	85.9857	842.357	1326.35	31.9441	6.57156	77.8281	-0.010313
1.19709	77.235	86.3962	845.098	1327.58	31.5935	6.54469	77.4308	-0.01125
1.19809	77.5083	86.8066	847.382	1328.28	31.6261	6.56469	77.2827	-0.010313
1.19909	77.5083	86.8066	849.21	1328.13	31.2022	6.62344	77.5294	-0.013125
1.20009	77.235	86.2593	852.179	1329.9	30.4116	6.61156	77.2334	-0.010313
1.20109	77.5083	86.533	853.321	1328.53	30.1914	6.61594	77.1347	-0.011875
1.20209	77.3716	86.6698	855.035	1329.63	30.2566	6.60687	77.3321	-0.013125
1.20309	77.235	86.6698	856.748	1329.9	30.4665	6.60469	77.4801	-0.01375
1.20409	77.5083	86.2593	859.032	1331.27	30.9862	6.60469	77.5294	-0.012188
1.20509	76.9617	86.3962	861.545	1333.18	32.0582	6.60906	77.5294	-0.012813
1.20609	77.6449	86.2593	863.03	1333.45	31.6707	6.60531	77.8255	-0.014063
1.20709	77.3716	86.3962	865.657	1334.13	31.7566	6.60531	78.0722	-0.01125
1.20809	77.5083	86.1225	867.713	1334.82	32.3965	6.60469	78.3683	-0.013125
1.20909	77.3716	86.533	869.198	1335.5	31.9441	6.60219	78.2203	-0.011563
1.21009	77.5083	86.8066	871.482	1336.18	31.1462	6.60594	78.615	-0.013438
1.21109	77.235	86.2593	874.566	1337.28	30.1221	6.60437	78.319	-0.010313
1.21209	77.235	86.8066	876.393	1337.82	29.5861	6.60469	78.5163	-0.012813
1.21309	77.7816	86.533	879.135	1337.82	30.3056	6.60469	78.8618	-0.010938
1.21409	77.235	86.1225	882.104	1339.19	30.8028	6.60344	78.7137	-0.012188
1.21509	77.3716	86.533	884.846	1339.05	31.2838	6.60594	78.467	-0.011563
1.21609	77.235	86.2593	887.473	1338.91	31.2675	6.59719	78.4177	-0.012188
1.21709	77.5083	86.533	890.1	1339.46	31.5242	6.56719	78.1216	-0.011563
1.21809	77.5083	86.3962	893.069	1338.51	31.6096	6.54969	78.1216	-0.012188
1.21909	77.3716	86.6698	896.267	1339.32	31.3327	6.53969	77.9735	-0.011563
1.22009	77.5083	86.533	899.922	1339.19	31.3327	6.61656	77.8255	-0.012813
1.22109	76.9617	86.6698	903.577	1338.23	30.8762	6.60594	77.9242	-0.012813
1.22209	77.5083	86.533	906.318	1338.37	30.3218	6.60906	77.6281	-0.012813
1.22309	77.5083	86.6698	909.06	1337.82	29.8979	6.60969	77.3814	-0.015313
1.22409	77.3716	86.8066	911.573	1338.37	29.9957	6.60844	77.3321	-0.01375

1.22509	77.235	86.8066	915.456	1338.37	30.5093	6.61094	77.3321	-0.014063
1.22609	77.5083	86.533	917.74	1339.32	31.0677	6.61094	77.2334	-0.012188
1.22709	77.5083	86.3962	919.568	1339.46	31.5283	6.60969	76.9373	-0.012813
1.22809	77.235	86.6696	922.081	1339.19	31.6873	6.60812	76.9373	-0.01125
1.22909	77.5083	86.2593	924.136	1338.91	31.5365	6.61219	76.6906	-0.012813
1.23009	78.0549	86.533	925.279	1339.46	31.612	6.61219	76.888	-0.012188
1.23109	77.5083	86.533	926.421	1339.46	31.349	6.61156	76.6412	-0.012188
1.23209	77.235	86.3962	927.791	1339.32	30.7294	6.61219	76.7399	-0.012188
1.23309	77.5083	86.533	928.248	1338.91	30.0628	6.61312	76.8386	-0.010313
1.23409	77.5083	86.8066	929.847	1339.46	29.205	6.61719	76.6412	-0.012813
1.23509	76.4151	86.533	930.076	1339.32	29.2783	6.61687	76.9373	-0.011563
1.23609	77.5083	86.533	932.617	1340.55	29.6207	6.61969	77.0654	-0.013438
1.23709	77.3716	86.533	933.617	1340.01	29.9916	6.62125	76.6906	-0.0125
1.23809	77.3716	86.3962	935.101	1341.1	30.3014	6.60656	76.9373	-0.013125
1.23909	77.5083	86.533	936.929	1340.28	30.2974	6.57406	76.7399	-0.011875
1.24009	77.235	86.3962	938.414	1341.65	30.387	6.55219	76.8386	-0.012188
1.24109	77.6449	86.9434	940.013	1341.65	30.3707	6.58469	76.888	-0.012188
1.24209	77.5083	85.7121	941.041	1343.01	30.1262	6.63719	76.9373	-0.012188
1.24309	77.3716	87.0803	941.84	1342.74	29.8327	6.61969	77.184	-0.013438
1.24409	77.235	86.6696	942.868	1342.06	29.5229	6.62719	76.9373	-0.011875
1.24509	77.3716	86.3962	942.64	1342.06	28.8707	6.62156	76.5426	-0.011875
1.24609	77.235	86.533	944.696	1343.01	29.1031	6.62531	76.9373	-0.012813
1.24709	77.235	86.6696	944.696	1343.01	29.7919	6.62719	77.3321	-0.011563
1.24809	77.7616	86.6696	945.153	1343.56	30.2199	6.62562	77.2334	-0.010313
1.24909	77.5083	86.6696	944.696	1343.01	30.5175	6.62656	76.9373	-0.0125
1.25009	77.3716	86.8066	945.381	1344.38	30.7131	6.62406	76.9373	-0.012188
1.25109	78.1916	86.6696	944.696	1344.38	30.8191	6.62719	76.7399	-0.011875
1.25209	77.5083	86.3962	944.239	1343.83	30.6723	6.62781	76.7399	-0.011875
1.25309	77.7616	86.6696	944.353	1343.83	30.5175	6.63094	76.7399	-0.012813
1.25409	77.5083	86.6696	944.581	1344.38	30.1058	6.63406	76.8386	-0.012813
1.25509	77.5083	85.9857	945.609	1343.83	29.5555	6.63469	76.6412	-0.010313
1.25609	77.5083	86.6696	946.066	1343.56	29.0627	6.6325	76.1478	-0.012188
1.25709	77.5083	86.3962	947.437	1343.83	28.3775	6.63719	76.4439	-0.012813
1.25809	77.235	86.533	948.351	1343.7	27.6762	6.63969	76.6412	-0.0125
1.25909	77.6449	86.6696	948.236	1343.29	28.4101	6.63969	76.2465	-0.01125
1.26009	77.235	86.533	948.122	1343.01	28.9237	6.62719	76.1478	-0.012813
1.26109	77.5083	86.533	948.122	1343.15	28.9523	6.59469	75.9011	-0.010313
1.26209	77.235	86.8066	947.78	1343.15	29.205	6.57312	75.753	-0.010313
1.26309	77.0983	86.1225	947.437	1343.83	29.3232	6.59156	75.6544	-0.011875
1.26409	77.5083	86.533	946.98	1343.83	29.1561	6.65406	75.3583	-0.01125
1.26509	76.6884	86.6696	946.523	1344.24	28.9115	6.63969	75.4076	-0.012813
1.26609	77.0983	86.2593	946.838	1343.83	28.883	6.64656	75.3583	-0.013438
1.26709	77.5083	86.2593	946.181	1341.65	28.4427	6.63969	75.1116	-0.013125
1.26809	77.6449	86.533	946.752	1343.56	28.0146	6.64594	75.5063	-0.012813
1.26909	77.5083	86.8066	946.752	1344.38	28.7811	6.64344	75.8024	-0.012188
1.27009	77.5083	86.533	946.98	1343.01	29.2294	6.64219	75.8517	-0.012813
1.27109	78.0549	86.533	946.866	1343.68	29.7756	6.64719	75.7037	-0.012813
1.27209	76.6884	86.533	947.437	1342.74	30.0609	6.64219	75.753	-0.012813
1.27309	77.5083	86.3962	947.437	1342.74	30.2362	6.64844	75.9504	-0.011563

1.27409	77.3716	86.3962	947.665	1343.7	30.4278	6.64781	75.8517	-0.012813
1.27509	76.825	86.3962	946.752	1344.92	30.3748	6.64781	75.753	-0.011875
1.27609	77.5083	86.8066	946.523	1343.16	30.2362	6.64969	75.457	-0.012813
1.27709	77.5083	86.3962	944.924	1342.47	30.008	6.64969	75.6544	-0.010625
1.27809	77.3716	86.533	943.668	1341.65	29.6044	6.64844	75.3089	-0.014063
1.27909	77.235	86.3962	942.297	1342.88	29.0582	6.65156	75.3583	-0.014375
1.28009	77.235	86.533	941.289	1342.74	28.4754	6.65406	75.9011	-0.011875
1.28109	77.5083	86.533	939.899	1342.6	27.9414	6.65469	75.2103	-0.012813
1.28209	76.9617	86.6698	938.985	1342.47	28.3857	6.65438	75.5083	-0.012188
1.28309	77.235	86.533	938.756	1342.6	28.687	6.62469	75.3583	-0.011563
1.28409	77.235	86.8066	938.756	1341.65	28.887	6.60094	75.1609	-0.013438
1.28509	77.3716	86.2593	939.899	1342.19	29.1561	6.58375	75.457	-0.012188
1.28609	77.235	85.7121	940.127	1341.92	29.2376	6.63375	75.2596	-0.014063
1.28709	77.3716	86.533	941.498	1342.19	28.8667	6.66594	75.1116	-0.013438
1.28809	76.6884	86.6698	942.069	1341.37	29.0684	6.65656	75.1609	-0.012188
1.28909	77.5083	86.6698	941.726	1339.32	28.4957	6.65631	74.6675	-0.014063
1.29009	78.0549	86.6698	942.64	1340.01	28.2349	6.65719	74.9142	-0.012188
1.29109	77.235	86.533	942.411	1339.46	27.7702	6.65906	75.2103	-0.011563
1.29209	77.235	86.533	942.183	1340.28	28.3082	6.65906	74.9142	-0.011563
1.29309	77.7816	86.533	941.269	1341.37	29.1316	6.66156	74.6648	-0.011563
1.29409	77.5083	86.2593	939.899	1340.55	29.5066	6.65719	74.5688	-0.011875
1.29509	77.3716	86.8066	938.528	1340.01	29.9387	6.65594	74.5194	-0.010313
1.29609	77.235	86.8066	937.386	1340.14	30.1791	6.66094	74.4701	-0.011563
1.29709	77.5083	86.3962	935.33	1340.42	30.2321	6.65844	74.6675	-0.009375
1.29809	77.5083	86.2593	933.731	1341.1	30.6745	6.65625	74.4701	-0.012188
1.29909	77.5083	86.8066	932.132	1340.55	30.599	6.65969	74.2727	-0.012188
1.30009	77.5083	86.2593	930.076	1340.01	29.6123	6.65812	73.7793	-0.01375
1.30109	76.9617	86.1225	929.162	1341.51	29.7512	6.66344	74.3714	-0.012813
1.30209	77.8449	86.2593	928.02	1341.37	29.6044	6.66469	75.1116	-0.011875
1.30309	77.5083	86.8066	926.421	1341.24	27.6724	6.66469	74.5194	-0.012188
1.30409	77.3716	86.1225	925.507	1341.65	27.758	6.66344	74.6675	-0.012813
1.30509	77.5083	86.8066	924.136	1341.37	28.3164	6.66094	74.5194	-0.012188
1.30609	77.5083	85.8489	922.537	1341.51	28.8667	6.63969	74.4207	-0.011563
1.30709	76.6884	86.6698	920.824	1341.51	28.6058	6.61562	74.2234	-0.013125
1.30809	77.235	86.6698	918.882	1340.96	28.5487	6.59437	74.174	-0.013125
1.30909	77.8449	86.3962	916.913	1341.65	28.887	6.62656	74.322	-0.011563
1.31009	77.235	87.2171	913.286	1341.1	28.5864	6.67719	74.174	-0.012813
1.31109	77.7816	86.6698	911.116	1341.92	28.5385	6.65906	73.9766	-0.009063
1.31209	77.5083	86.3962	906.775	1341.65	28.0392	6.66313	73.7793	-0.013438
1.31309	77.0983	86.2593	904.377	1342.19	27.5176	6.65406	74.4701	-0.010625
1.31409	77.235	86.8066	900.836	1342.74	27.2486	6.66281	73.9273	-0.011563
1.31509	76.825	86.533	897.981	1342.47	27.1058	6.66594	74.1247	-0.011563
1.31609	77.235	86.8066	895.354	1342.47	27.546	6.66156	74.0753	-0.012188
1.31709	77.5083	86.6698	891.699	1342.19	28.133	6.65594	74.3714	-0.012813
1.31809	77.5083	86.8066	888.957	1342.74	28.6773	6.65594	74.174	-0.011875
1.31909	77.3716	86.8066	886.673	1342.33	28.777	6.65812	74.174	-0.011875
1.3201	77.0983	85.9857	884.16	1341.92	29.4373	6.65438	74.1247	-0.012813
1.3211	77.5083	86.8066	882.447	1341.51	29.0501	6.65594	74.0753	-0.013125
1.3221	77.5083	86.533	880.62	1341.1	29.368	6.65406	74.174	-0.01125

1.3231	77.5083	86.533	878.449	1341.24	29.6859	6.65344	73.7793	-0.012813
1.3241	77.3716	86.2593	876.85	1341.65	29.0052	6.65656	74.5688	-0.011875
1.3251	77.235	86.8066	875.251	1342.06	28.512	6.65906	74.4207	-0.012188
1.3261	77.3716	86.2593	872.51	1340.55	27.0284	6.65969	74.3714	-0.012188
1.3271	77.3716	86.533	870.454	1340.55	27.1792	6.65656	74.026	-0.011563
1.3281	76.9617	86.8066	867.941	1340.55	27.8843	6.65687	74.1247	-0.012813
1.3291	77.0983	86.2593	865.657	1340.83	27.8762	6.65344	74.0753	-0.0125
1.3301	77.5083	86.533	862.459	1341.1	28.137	6.63375	73.9766	-0.011563
1.3311	77.5083	86.2593	859.032	1341.65	28.4224	6.60406	73.5819	-0.012188
1.3321	77.5083	86.6698	856.748	1341.37	28.1696	6.57937	73.6806	-0.010313
1.3331	77.5083	86.533	853.55	1340.69	28.2186	6.62625	73.6806	-0.010313
1.3341	77.3716	86.533	849.666	1339.46	28.1493	6.65594	73.5819	-0.014063
1.3351	77.5083	86.6698	846.296	1340.28	27.611	6.64344	73.8779	-0.010313
1.3361	77.3716	86.533	844.964	1341.65	27.5827	6.64781	73.5819	-0.012813
1.3371	77.235	86.6698	842.128	1341.92	27.0691	6.64344	73.6312	-0.012813
1.3381	77.236	85.9857	839.615	1343.01	26.6289	6.64469	73.5325	-0.0125
1.3391	77.6449	86.533	836.646	1342.47	26.2906	6.64156	73.2858	-0.012813
1.3401	78.0549	86.533	835.389	1342.74	26.3599	6.63969	73.4832	-0.012188
1.3411	77.5083	86.6698	833.676	1341.92	27.2586	6.63344	73.7793	-0.011563
1.3421	77.235	87.0803	831.62	1342.74	27.6479	6.63437	73.6312	-0.012188
1.3431	77.5083	86.3962	830.706	1342.06	28.0229	6.63594	73.5325	-0.012188
1.3441	78.0549	86.533	830.935	1342.06	28.3245	6.63562	73.7299	-0.009688
1.3451	77.7816	86.8066	827.737	1341.51	28.5039	6.63406	73.3846	-0.0125
1.3461	77.7816	86.533	828.079	1340.55	28.4488	6.63437	73.7793	-0.010938
1.3471	77.235	86.6698	828.65	1341.1	28.6588	6.63219	73.3352	-0.014063
1.3481	77.5083	86.6698	828.193	1341.92	28.5161	6.63844	73.1871	-0.011875
1.3491	77.5083	86.6698	828.422	1341.1	27.7539	6.63469	72.9897	-0.012188
1.3501	77.7816	86.8066	827.737	1341.1	26.6004	6.63125	72.9404	-0.012188
1.3511	77.5083	86.3962	827.737	1340.42	26.7675	6.63125	73.1871	-0.010625
1.3521	77.5083	86.3962	828.422	1340.14	27.1588	6.62969	72.891	-0.012188
1.3531	77.5083	86.8066	828.993	1341.1	27.2729	6.62969	72.7924	-0.012188
1.3541	76.9617	86.6698	829.45	1339.87	27.7906	6.62719	72.6937	-0.012813
1.3551	76.9617	86.6698	830.478	1340.01	27.868	6.59969	72.743	-0.009688
1.3561	77.236	86.9434	829.107	1340.28	27.7294	6.57344	72.595	-0.011875
1.3571	76.9617	86.9434	830.135	1340.55	28.0066	6.55969	72.9897	-0.011875
1.3581	77.3716	86.533	829.221	1340.01	27.9577	6.62562	72.3976	-0.011563
1.3591	77.235	86.6698	830.706	1339.73	27.5338	6.62719	72.5456	-0.011563
1.3601	77.235	86.6698	831.392	1339.46	27.5053	6.62469	72.1509	-0.010313
1.3611	77.5083	86.533	832.534	1340.55	27.114	6.62406	72.3483	-0.010938
1.3621	77.5083	85.7121	834.133	1340.55	26.6207	6.62219	72.2002	-0.011875
1.3631	77.5083	86.6698	835.275	1340.55	26.4496	6.62344	72.0028	-0.011563
1.3641	77.7816	85.8489	837.217	1342.19	26.3069	6.62094	72.0522	-0.010938
1.3651	76.9617	86.533	838.702	1340.01	26.7919	6.61531	71.7561	-0.011875
1.3661	77.235	86.8066	840.529	1340.14	27.2322	6.61531	71.6081	-0.010313
1.3671	77.5083	86.533	842.357	1340.55	27.6479	6.61469	71.9042	-0.012188
1.3681	77.3716	86.533	844.184	1340.01	28.0596	6.61656	71.9535	-0.012813
1.3691	76.9617	86.9434	846.011	1341.1	28.243	6.61406	71.6574	-0.012188
1.3701	77.5083	85.7121	847.382	1341.1	28.2838	6.61562	71.3614	-0.012188
1.3711	77.3716	86.533	848.981	1340.96	28.3001	6.61094	71.2133	-0.012813

1.3721	77.235	87.0803	851.037	1340.83	28.2349	6.61312	71.016	-0.012188
1.3731	77.235	86.6698	852.408	1340.83	27.9414	6.61437	71.1146	-0.010313
1.3741	77.5083	86.8066	854.235	1340.55	28.8938	6.61344	71.1146	-0.01125
1.3751	76.9617	86.533	856.976	1341.92	28.0175	6.61219	70.8186	-0.012188
1.3761	77.6449	86.6698	858.575	1341.1	26.8001	6.61344	70.7692	-0.011563
1.3771	77.235	86.3962	861.431	1340.28	27.118	6.60969	70.6212	-0.009688
1.3781	77.3716	86.533	862.459	1339.87	27.4197	6.61062	70.5718	-0.013438
1.3791	77.235	86.533	864.286	1340.01	27.758	6.60219	70.2264	-0.012813
1.3801	77.3716	86.533	866.799	1340.55	28.0392	6.57375	70.0291	-0.013125
1.3811	77.6449	86.6698	870.226	1340.55	27.9658	6.55312	70.1277	-0.011563
1.3821	77.3716	86.8066	873.424	1340.83	27.6762	6.53781	70.0784	-0.010313
1.3831	77.6449	87.2171	876.508	1340.83	28.0677	6.60094	69.9304	-0.012188
1.3841	77.5083	86.533	879.135	1340.01	27.8517	6.60437	69.5356	-0.012813
1.3851	76.6684	86.6698	882.104	1341.1	27.5256	6.60219	69.4369	-0.010313
1.3861	77.5083	86.6698	884.389	1342.47	27.3463	6.59969	69.4863	-0.014063
1.3871	77.235	86.533	887.016	1340.01	26.9428	6.59656	69.4369	-0.013125
1.3881	77.3716	86.8066	888.957	1340.42	26.3843	6.59687	69.2395	-0.010313
1.3891	77.235	86.533	891.242	1339.73	26.686	6.59344	68.9928	-0.013438
1.3901	77.5083	86.533	893.412	1340.28	27.1869	6.59219	69.0422	-0.011563
1.3911	77.3716	86.8066	895.354	1340.42	27.4849	6.59219	68.9435	-0.012813
1.3921	77.5083	86.2593	897.524	1341.65	27.8558	6.58969	68.7461	-0.013438
1.3931	76.825	86.533	899.922	1341.37	27.9373	6.58719	68.8941	-0.011563
1.3941	77.3716	86.6698	901.293	1341.1	28.0474	6.58969	68.45	-0.012813
1.3951	77.6449	87.2171	903.12	1340.96	28.0718	6.58719	68.45	-0.012813
1.3961	77.235	86.6698	904.834	1340.14	27.7987	6.58656	68.2033	-0.010938
1.3971	77.235	86.6698	906.775	1340.28	27.5297	6.58719	67.9566	-0.012813
1.3981	77.5083	86.6698	908.831	1338.91	27.2118	6.58594	68.0553	-0.010938
1.3991	77.235	86.8066	912.6	1338.64	26.7186	6.58469	67.4136	-0.010313
1.4001	77.5083	86.6698	913.628	1338.91	25.8218	6.58469	67.4631	-0.012188
1.4011	77.235	86.533	916.799	1338.23	25.7322	6.58094	67.2658	-0.012188
1.4021	77.5083	87.0803	917.969	1338.64	26.0627	6.58219	67.0684	-0.013438
1.4031	77.3716	86.533	920.367	1338.91	26.3354	6.58281	66.6736	-0.013125
1.4041	77.3716	86.1225	922.637	1338.78	26.6452	6.58187	66.6736	-0.012813
1.4051	77.235	86.533	924.693	1338.78	26.7512	6.55469	66.4762	-0.012188
1.4061	77.5083	86.8066	926.421	1337.28	26.7879	6.52844	66.3775	-0.011875
1.4071	77.235	86.533	927.791	1337.28	26.849	6.50219	66.1308	-0.013125
1.4081	76.9617	86.533	928.819	1336.78	26.686	6.54219	66.0321	-0.012188
1.4091	77.3716	86.8066	930.076	1336.73	26.6371	6.56156	65.9828	-0.012813
1.4101	77.5083	86.8066	930.99	1337	26.5881	6.56844	65.8841	-0.009688
1.4111	77.235	86.6698	931.446	1336.48	26.1398	6.56906	65.6374	-0.014063
1.4121	76.9617	86.533	931.218	1336.18	25.7525	6.56844	65.4893	-0.011563
1.4131	77.235	86.6698	932.36	1337	25.5936	6.56687	65.44	-0.010313
1.4141	77.3716	86.533	932.36	1336.59	25.8055	6.56594	65.1933	-0.012188
1.4151	77.3716	86.8066	933.274	1335.09	26.2865	6.56437	65.292	-0.011563
1.4161	77.235	86.6698	933.274	1335.23	26.7634	6.55969	65.0946	-0.011875
1.4171	77.5083	86.533	933.731	1334.82	26.9387	6.55719	64.8972	-0.011563
1.4181	77.235	86.533	934.416	1334.54	27.0202	6.55437	64.6011	-0.013125
1.4191	77.5083	86.8066	935.33	1334.95	27.3096	6.55437	64.4531	-0.012813
1.4201	77.235	86.533	935.558	1334.54	27.1425	6.55406	64.3051	-0.0125

1.4211	77.5083	86.6698	936.7	1334.95	27.0039	6.55406	64.157	-0.00875
1.4221	77.6449	86.8066	935.216	1333.59	27.0039	6.55406	63.8116	-0.012813
1.4231	77.235	86.533	936.568	1334.95	26.5392	6.55406	63.9103	-0.012813
1.4241	77.235	86.6698	936.929	1334.41	26.2784	6.55219	63.9103	-0.011875
1.4251	77.5083	86.533	937.386	1334.68	25.8626	6.55156	63.8116	-0.010938
1.4261	77.235	86.8066	936.185	1334	25.0392	6.55719	63.5649	-0.012188
1.4271	77.5083	86.6698	939.213	1334.95	24.7295	6.55406	63.5156	-0.014063
1.4281	77.235	85.9857	939.213	1332.91	25.3001	6.55562	63.3182	-0.012813
1.4291	77.5083	86.6698	938.756	1332.91	25.298	6.55406	63.1208	-0.012188
1.4301	78.0549	86.8066	938.756	1333.45	25.4428	6.54719	63.2196	-0.010938
1.4311	77.5083	86.8066	940.355	1332.91	25.9441	6.51969	62.9234	-0.011563
1.4321	77.5083	86.533	941.954	1332.91	25.9034	6.49312	62.726	-0.010938
1.4331	77.5083	86.6698	943.097	1332.63	26.7729	6.47906	62.6273	-0.012188
1.4341	77.3716	86.533	942.868	1331.81	26.0746	6.54906	62.3313	-0.012813
1.4351	76.6684	85.7121	942.64	1331.27	25.7974	6.54469	62.43	-0.012813
1.4361	77.3716	86.533	942.411	1330.72	25.5284	6.54344	62.2819	-0.011563
1.4371	77.235	86.3962	942.526	1330.31	25.3857	6.54281	61.9366	-0.01125
1.4381	76.9617	86.533	942.868	1328.53	25.1126	6.53875	61.9366	-0.011563
1.4391	77.9183	87.2171	943.782	1328.53	25.0637	6.53781	62.0846	-0.012188
1.4401	77.3716	86.533	944.924	1327.99	25.6221	6.53906	61.6898	-0.012813
1.4411	77.7816	86.8066	945.038	1326.35	26.0627	6.53344	61.8378	-0.010313
1.4421	77.235	86.8066	946.295	1327.03	26.2947	6.53219	61.295	-0.013438
1.4431	77.5083	86.2593	946.866	1326.08	26.6982	6.52906	60.9003	-0.010313
1.4441	77.3716	86.2593	947.323	1325.12	26.8653	6.52531	60.5549	-0.013438
1.4451	77.3716	86.8066	947.894	1324.98	26.796	6.52594	60.6536	-0.01125
1.4461	77.5083	86.533	948.15	1325.26	27.1486	6.52719	60.3082	-0.011563
1.4471	77.5083	86.6698	949.721	1325.53	27.0406	6.52906	59.6667	-0.011875
1.4481	77.5083	86.8066	949.836	1325.39	26.6452	6.52906	59.6667	-0.010313
1.4491	77.5083	85.9857	948.922	1324.98	26.5718	6.52469	58.7786	-0.012813
1.4501	77.5083	86.2593	947.78	1325.26	26.4659	6.52562	58.7785	-0.011875
1.4511	77.5083	86.8066	944.239	1324.44	25.83	6.52281	58.3837	-0.01375
1.4521	77.5083	86.533	941.496	1323.62	25.3286	6.52281	57.9889	-0.014063
1.4531	77.5083	86.2593	940.127	1322.93	24.7621	6.52344	57.9889	-0.012188
1.4541	77.5083	86.8066	937.614	1323.48	25.0392	6.52312	57.8929	-0.012813
1.4551	77.5083	86.6698	934.53	1323.34	25.4876	6.51969	57.4462	-0.011875
1.4561	77.7816	86.3962	931.216	1323.07	25.6343	6.51219	57.5448	-0.012813
1.4571	77.5083	86.8066	929.162	1322.53	25.7892	6.48219	57.5448	-0.014063
1.4581	76.825	86.533	927.335	1321.71	25.8544	6.4575	57.3968	-0.013125
1.45911	77.3716	86.8066	925.279	1320.34	25.7689	6.46094	57.5448	-0.010625
1.46011	77.5083	86.6698	925.279	1319.79	25.8667	6.51781	57.8435	-0.011563
1.46111	77.235	86.3962	925.507	1319.79	25.4224	6.50906	57.1994	-0.010313
1.46211	77.7816	87.0803	926.878	1319.66	25.6873	6.50875	57.2981	-0.010938
1.46311	77.5083	86.8066	929.162	1319.79	25.1126	6.50656	57.4462	-0.01125
1.46411	77.3716	86.8066	931.903	1318.97	24.546	6.50406	57.5929	-0.011875
1.46511	76.9617	86.8066	934.645	1318.56	24.868	6.49969	57.5942	-0.010938
1.46611	76.9617	86.533	935.568	1317.61	25.2186	6.49844	57.1994	-0.0125
1.46711	77.235	86.533	938.986	1319.52	25.6221	6.49781	57.2981	-0.013438
1.46811	77.235	86.6698	941.041	1320.61	26.474	6.49656	57.6409	-0.013438
1.46911	76.9617	86.533	941.954	1320.89	26.1153	6.49469	57.1994	-0.012188

1.47011	77.9183	86.533	942.183	1321.84	26.5718	6.49312	57.1007	-0.012813
1.47111	77.7816	86.6698	941.269	1321.43	26.9631	6.49281	56.9527	-0.012813
1.47211	77.235	86.8066	940.584	1320.89	26.4414	6.49219	56.8047	-0.0125
1.47311	76.9617	86.8066	938.965	1319.79	26.9672	6.4875	56.8047	-0.012813
1.47411	77.235	86.6698	937.386	1320.2	26.8653	6.48658	56.6073	-0.012813
1.47511	77.5083	86.8066	936.568	1318.7	26.7226	6.48844	56.3112	-0.011563
1.47611	77.3716	86.8066	935.101	1319.38	26.0786	6.48719	56.2125	-0.012188
1.47711	77.7816	86.8066	933.502	1318.43	25.4305	6.48375	55.8178	-0.013125
1.47811	77.6449	86.6698	930.99	1319.79	24.7947	6.48531	56.2125	-0.012188
1.47911	77.7816	86.8066	929.162	1317.88	24.5627	6.48219	56.1138	-0.012813
1.48011	77.235	86.533	926.878	1318.02	24.6928	6.48219	55.423	-0.012813
1.48111	77.7816	86.3962	925.184	1317.61	25.133	6.48344	55.5217	-0.010938
1.48211	77.5083	86.533	923.223	1317.47	25.3327	6.47094	55.3243	-0.011563
1.48311	77.5083	86.8066	920.938	1317.33	25.2716	6.44219	55.3243	-0.011563
1.48411	78.0549	86.8066	917.74	1315.7	25.4795	6.41781	55.0778	-0.015313
1.48511	77.3716	86.533	914.771	1315.97	25.3775	6.39937	54.9789	-0.014688
1.48611	76.9617	86.8066	911.344	1314.74	25.3327	6.45625	55.127	-0.0125
1.48711	77.9183	86.6698	908.489	1314.6	25.3816	6.46906	54.8309	-0.012188
1.48811	77.235	85.9857	905.176	1312.69	24.599	6.46281	54.0414	-0.016625
1.48911	77.235	86.533	903.235	1313.76	24.6439	6.46125	54.3868	-0.0125
1.49011	77.5083	86.8066	900.151	1313.51	24.7254	6.45969	55.0283	-0.010938
1.49111	77.3716	86.8066	897.524	1313.51	23.7145	6.45906	54.5346	-0.012188
1.49211	77.7816	86.8066	894.211	1312.96	24.1588	6.45469	54.2881	-0.011563
1.49311	77.3716	86.3962	892.384	1313.65	24.8517	6.44875	54.2387	-0.012813
1.49411	77.5083	86.6698	889.871	1312.69	24.7743	6.44969	53.992	-0.011563
1.49511	77.3716	85.8489	888.957	1312.69	25.561	6.44844	53.7453	-0.012813
1.49611	77.0983	86.533	888.729	1311.87	25.8506	6.44436	54.0414	-0.010313
1.49711	77.5083	86.6698	888.501	1312.69	26.7729	6.44469	54.0414	-0.011563
1.49811	77.3716	86.8066	888.158	1311.87	26.2885	6.44594	53.992	-0.010938
1.49911	77.3716	86.8066	887.016	1310.23	26.0542	6.43906	53.5973	-0.014375
1.50011	78.0549	86.533	885.988	1310.51	25.9727	6.44125	53.7946	-0.014063
1.50111	77.235	86.533	886.216	1309.82	26.1724	6.43969	53.992	-0.011563
1.50211	76.625	86.533	885.759	1310.23	25.9115	6.43844	53.5973	-0.013438
1.50311	77.235	86.533	885.074	1310.23	25.1697	6.43969	53.4986	-0.012188
1.50411	77.6449	86.8066	883.132	1310.37	24.1468	6.43469	53.4492	-0.01125
1.50511	77.235	86.9857	879.82	1308.87	24.171	6.43594	53.2025	-0.012813
1.50611	77.3716	86.6698	877.079	1309.14	24.5175	6.43406	53.1038	-0.012813
1.50711	77.5083	86.9434	873.424	1309.28	24.4686	6.43187	52.8571	-0.011563
1.50811	77.7816	87.0803	870.683	1308.87	24.9088	6.42875	52.3636	-0.011875
1.50911	77.5083	86.8066	867.713	1308.87	24.8354	6.41656	52.413	-0.011875
1.51011	76.9617	86.533	863.601	1307.36	24.8273	6.38469	51.6728	-0.013438
1.51111	77.3716	86.6698	859.603	1308.32	25.0963	6.36219	51.6728	-0.013438
1.51211	77.6449	86.8066	855.834	1307.36	24.7132	6.34844	51.6728	-0.010625
1.51311	77.5083	86.533	852.293	1307.23	24.811	6.41656	51.13	-0.011875
1.51411	77.5083	86.6698	849.095	1307.77	24.7865	6.41531	51.2287	-0.01125
1.51511	77.235	87.3639	845.897	1306.68	24.0691	6.40719	50.834	-0.012188
1.51611	77.7816	86.533	842.242	1306.14	23.8286	6.40719	50.6859	-0.012188
1.51711	77.235	86.533	839.615	1305.45	23.796	6.40219	50.3899	-0.014375
1.51811	77.3716	86.8066	835.618	1304.91	23.1316	6.39969	50.2912	-0.011563

1.51911	77.5083	86.3962	832.762	1305.59	22.7485	6.39719	50.0938	-0.011563
1.52011	77.5083	86.8066	830.249	1303.13	23.0827	6.39469	49.9458	-0.013438
1.52111	77.5083	86.533	827.051	1301.49	23.7186	6.38969	49.1562	-0.014688
1.52211	77.5083	86.533	825.909	1302.31	24.0243	6.3875	49.6003	-0.014063
1.52311	77.3716	86.6698	824.995	1301.76	24.6805	6.38469	49.9951	-0.01125
1.52411	77.3716	86.6698	824.082	1301.08	24.6479	6.38687	49.1069	-0.013125
1.52511	77.3716	86.6698	823.054	1300.4	24.7702	6.38656	49.2056	-0.012813
1.52611	77.7816	86.533	823.625	1298.76	25.1045	6.38156	48.7615	-0.013438
1.52711	77.5083	86.3962	822.711	1297.6	25.0392	6.37969	48.7121	-0.012188
1.52811	77.5083	86.6698	822.711	1296.57	24.9577	6.37844	48.4654	-0.012188
1.52911	77.5083	86.2593	823.054	1296.85	24.9536	6.37687	48.3174	-0.011563
1.53011	76.9617	86.6698	822.254	1294.94	24.7539	6.37969	48.3687	-0.011875
1.53111	77.6449	86.533	822.711	1294.12	23.7471	6.37844	48.2187	-0.011563
1.53211	77.5083	86.8066	823.511	1293.02	22.9686	6.37656	47.972	-0.012188
1.53311	77.3716	86.533	822.483	1290.7	23.8205	6.37406	47.972	-0.012813
1.53411	77.235	86.6698	823.168	1289.2	23.9958	6.37531	48.2187	-0.0126
1.53511	77.5083	86.2593	822.94	1287.56	23.9958	6.37344	48.0707	-0.011563
1.53611	77.6449	86.533	821.911	1286.6	24.436	6.37219	47.8239	-0.013125
1.53711	77.3716	86.6698	822.254	1284.69	24.5949	6.34594	47.8239	-0.011875
1.53811	77.5083	86.6698	822.254	1283.33	24.489	6.31938	47.8733	-0.013438
1.53911	76.9617	86.3962	821.911	1281.69	24.6479	6.29594	47.7253	-0.012813
1.54011	77.235	86.3962	821.797	1280.05	24.5093	6.34969	47.6266	-0.013125
1.54111	77.235	86.6698	821.569	1279.37	24.5175	6.36719	47.8239	-0.013125
1.54211	77.5083	86.6698	822.026	1276.63	24.5175	6.36719	47.3306	-0.013125
1.54311	77.0983	86.2593	821.34	1274.31	24.3545	6.35844	47.3305	-0.010938
1.54411	77.235	86.533	822.254	1273.77	23.8978	6.35781	47.5772	-0.013125
1.54511	77.5083	86.533	822.026	1273.09	23.6941	6.35656	46.0707	-0.012813
1.54611	76.6884	86.6698	822.254	1271.44	23.4985	6.35469	46.0213	-0.01125
1.54711	77.0983	87.3539	823.168	1269.26	22.9523	6.35531	47.8239	-0.010938
1.54811	77.235	86.533	824.995	1267.35	23.7186	6.35094	47.4292	-0.011875
1.54911	77.235	86.533	826.709	1265.16	24.3871	6.34719	48.0213	-0.012188
1.55011	77.235	86.8066	828.879	1262.84	24.1833	6.34344	47.7253	-0.012813
1.55111	77.235	86.8066	831.392	1260.52	24.7702	6.33969	47.8239	-0.012188
1.55211	77.5083	86.533	833.105	1258.6	25.0311	6.33969	47.6266	-0.011563
1.55311	77.7816	86.6698	834.932	1258.97	24.6235	6.33719	47.8733	-0.010938
1.55411	77.5083	86.8066	836.473	1256.16	24.7621	6.33906	47.3305	-0.010313
1.55511	77.3716	86.6698	838.359	1254.78	25.4224	6.33531	47.2811	-0.014063
1.55611	77.3716	86.9434	840.415	1253.14	24.6398	6.33719	47.4785	-0.013125
1.55711	77.235	86.533	841.214	1250.41	24.4686	6.33594	47.0344	-0.012188
1.55811	77.6449	86.8066	843.042	1249.32	24.2974	6.33656	47.0344	-0.011563
1.55911	77.3716	86.8066	843.956	1246.04	22.9034	6.33469	46.7384	-0.013125
1.56011	77.5083	86.8066	844.984	1244.67	22.8952	6.33656	46.7877	-0.011563
1.56111	76.6884	86.8066	846.925	1243.31	23.47	6.33656	46.837	-0.012813
1.56211	77.3716	86.6698	848.524	1241.94	23.6289	6.33562	46.541	-0.012813
1.56311	77.5083	86.8066	849.666	1241.61	23.9795	6.33219	46.7384	-0.011875
1.56411	77.235	86.6698	852.203	1238.66	24.1914	6.30656	46.541	-0.011563
1.56511	77.0983	87.0803	854.692	1237.57	24.0695	6.27875	46.6397	-0.011563
1.56611	76.625	86.8066	856.405	1235.88	24.2662	6.26156	46.4423	-0.01625
1.56711	77.235	86.533	859.147	1234.57	24.6642	6.32344	47.1625	-0.01125

1.56811	77.235	86.2593	861.888	1233.34	24.3137	6.33187	46.2449	-0.014063
1.56911	76.9617	85.9857	864.401	1230.74	24.1099	6.32562	46.541	-0.011875
1.57011	77.3716	86.8066	867.713	1230.47	24.6236	6.32531	46.2449	-0.011875
1.57111	76.6884	86.8066	869.312	1228.56	24.0406	6.31781	46.2943	-0.013125
1.57211	77.235	86.533	871.139	1225.62	23.7145	6.31812	46.1462	-0.012813
1.57311	77.9183	86.8066	873.424	1224.73	23.8164	6.31719	46.0475	-0.012813
1.57411	77.235	86.533	875.594	1224.73	23.1642	6.31219	45.7515	-0.011563
1.57511	77.0983	85.9857	877.079	1221.32	22.8382	6.30875	45.7515	-0.014063
1.57611	77.3716	87.0803	880.734	1219.68	23.4414	6.30969	45.7021	-0.010313
1.57711	77.3716	86.3962	880.734	1217.9	23.7227	6.30594	45.6528	-0.013438
1.57811	76.9617	86.6696	883.818	1216.81	23.8653	6.30594	45.7515	-0.011563
1.57911	77.3716	87.2171	885.074	1214.63	24.3463	6.30594	45.7515	-0.010313
1.58011	77.3716	86.6698	887.358	1213.53	24.4197	6.30906	45.6528	-0.01125
1.58111	77.235	86.6698	889.529	1211.62	24.4197	6.30469	45.3567	-0.011875
1.58211	77.9183	86.8066	889.871	1209.98	24.5583	6.30406	45.0606	-0.012813
1.58311	77.7816	86.6698	891.699	1208.07	24.5175	6.30437	45.1593	-0.014063
1.58411	77.9183	86.8066	893.983	1205.86	24.3096	6.30406	44.9126	-0.014063
1.58511	77.235	86.8066	895.239	1203.97	24.2077	6.30406	45.11	-0.012188
1.58611	77.3716	86.8066	898.095	1201.79	23.9265	6.30469	44.7646	-0.010938
1.58711	77.235	86.8066	900.722	1199.6	23.4496	6.29969	44.5672	-0.010938
1.58811	77.3716	86.6698	901.75	1198.1	22.9441	6.29719	44.5672	-0.014063
1.58911	77.5083	86.8066	903.349	1197.14	22.6466	6.29969	45.0606	-0.011875
1.59011	77.3716	86.8066	904.719	1194.41	22.7403	6.28312	44.3698	-0.010938
1.59111	76.9617	86.8066	905.176	1192.36	23.1153	6.25469	44.5672	-0.012813
1.59211	77.0983	86.2593	906.661	1190.04	23.3395	6.23344	44.4685	-0.0125
1.59311	77.5083	86.6698	908.831	1188.67	23.5169	6.22719	43.9257	-0.014688
1.59411	77.235	86.6698	909.831	1186.22	23.6126	6.29469	44.0737	-0.012188
1.59511	76.9617	86.8066	910.887	1185.12	23.6697	6.28719	43.9257	-0.012813
1.59611	76.825	86.8066	912.258	1183.76	23.8001	6.28969	43.7283	-0.011563
1.59711	76.9617	86.6698	913.172	1180.75	23.7718	6.28562	43.531	-0.013125
1.59812	76.825	86.6698	915.57	1179.25	23.6452	6.28656	43.7777	-0.009063
1.59912	76.9617	87.2171	916.827	1177.81	23.6371	6.28281	43.679	-0.013438
1.60012	77.5083	86.533	917.626	1176.66	23.4903	6.27781	43.7777	-0.011563
1.60112	77.3716	87.0803	919.111	1174.33	23.2009	6.27719	44.1231	-0.012188
1.60212	77.3716	86.8066	920.025	1173.24	22.8708	6.28219	43.8764	-0.010938
1.60312	76.9617	87.0803	920.824	1170.92	22.6262	6.27469	43.7283	-0.012188
1.60412	77.6449	86.8066	921.167	1169.63	22.8769	6.27219	43.7777	-0.011563
1.60512	77.0983	86.6698	922.309	1167.91	23.3599	6.27312	43.3829	-0.011875
1.60612	77.235	86.2593	922.195	1165.73	23.6004	6.27281	43.7283	-0.012813
1.60712	76.9617	87.0803	922.537	1165.18	23.7512	6.27187	43.3829	-0.013438
1.60812	77.235	86.8066	921.738	1162.45	24.008	6.27281	43.3829	-0.013438
1.60912	77.235	86.8066	922.994	1161.08	24.114	6.27437	43.3336	-0.010313
1.61012	77.235	86.8066	921.624	1158.76	24.061	6.27219	43.3829	-0.013438
1.61112	77.3716	87.0803	922.309	1157.26	24.1262	6.27281	43.4816	-0.011563
1.61212	77.3716	86.8066	921.624	1155.76	24.061	6.27156	43.4816	-0.013125
1.61312	76.9617	86.533	922.537	1155.08	23.8653	6.26937	43.3829	-0.010938
1.61412	76.9617	86.1225	923.566	1153.44	23.686	6.27156	43.2349	-0.010625
1.61512	77.235	87.0803	923.68	1151.93	23.3762	6.26969	43.1855	-0.0125
1.61612	77.5083	86.6698	924.822	1150.43	23.0094	6.26594	43.2349	-0.011875

1.61712	77.235	86.2593	924.593	1148.93	22.6099	6.24687	43.1855	-0.012813
1.61812	76.9617	86.6698	925.164	1147.97	22.1289	6.22094	43.1855	-0.012813
1.61912	77.235	85.9857	924.593	1144.15	21.8599	6.19969	43.0868	-0.0125
1.62012	77.0983	86.8066	925.507	1142.65	22.133	6.20469	43.0868	-0.010313
1.62112	77.5083	86.8066	925.05	1140.46	22.3898	6.27094	42.9882	-0.013438
1.62212	77.235	86.3962	925.05	1138.82	22.561	6.25719	42.9882	-0.012813
1.62312	77.235	86.8066	925.507	1136.41	22.6588	6.25969	42.8401	-0.013125
1.62412	77.235	86.533	926.279	1137.18	22.8219	6.25656	42.7414	-0.014063
1.62512	77.3716	86.6698	926.421	1135.95	22.9319	6.25969	42.9882	-0.012813
1.62612	76.9617	86.6698	926.421	1133.63	22.8056	6.25469	42.6921	-0.0125
1.62712	77.5083	86.533	927.335	1132.4	22.8178	6.25531	42.8895	-0.010938
1.62812	77.235	86.6698	927.449	1131.31	22.6914	6.25219	42.9882	-0.012188
1.62912	77.3716	86.533	926.878	1130.22	22.5202	6.25156	42.9882	-0.0125
1.63012	77.3716	86.533	927.106	1127.35	22.345	6.24844	43.2349	-0.012813
1.63112	77.9183	86.533	927.791	1126.26	22.1697	6.24844	42.8895	-0.009688
1.63212	77.5083	86.6698	926.421	1125.71	21.8681	6.24781	42.9882	-0.013438
1.63312	76.9617	86.8066	926.421	1123.66	22.2471	6.24719	42.9882	-0.013125
1.63412	77.3716	86.6698	926.192	1122.84	22.6914	6.24656	43.0868	-0.013125
1.63512	77.235	86.6698	926.878	1120.93	22.8789	6.24844	42.8895	-0.012188
1.63612	76.9617	86.533	925.85	1120.38	23.1316	6.24469	42.5934	-0.012188
1.63712	77.235	86.8066	926.421	1118.74	23.4414	6.23969	42.8401	-0.012188
1.63812	77.9183	86.3962	926.307	1117.38	23.5352	6.24219	42.9388	-0.011875
1.63912	77.0983	86.3962	926.078	1116.7	23.5392	6.23969	42.5934	-0.012813
1.64012	76.5517	86.6698	926.192	1116.42	23.6697	6.23719	42.8401	-0.013438
1.64112	77.3716	86.8066	926.421	1115.33	23.6534	6.23937	42.6921	-0.011563
1.64212	77.0983	86.533	926.192	1113.55	23.5148	6.23656	42.7908	-0.011563
1.64312	77.3716	86.6698	924.022	1112.73	23.3844	6.23531	42.7908	-0.011875
1.64412	76.9617	86.8066	922.537	1111.37	23.3191	6.21781	42.7908	-0.013125
1.64512	77.235	86.6698	921.509	1110.41	22.9767	6.18937	42.7908	-0.014063
1.64612	77.235	86.8066	920.938	1110	22.5977	6.16594	42.7908	-0.010938
1.64712	76.9617	86.533	918.862	1109.46	22.4958	6.18281	42.9388	-0.010938
1.64812	77.0983	86.533	917.74	1107.68	21.9088	6.24156	42.9388	-0.011563
1.64912	77.235	86.533	916.027	1107	21.5746	6.22156	42.9388	-0.012813
1.65012	76.9617	86.533	915.456	1106.45	22.3164	6.22656	42.8895	-0.013125
1.65112	76.9617	86.3962	914.542	1104.81	22.3572	6.22344	42.9882	-0.010938
1.65212	77.0983	86.8066	914.656	1103.58	22.2349	6.21969	42.9882	-0.012188
1.65312	76.4151	86.2593	914.771	1104.13	22.8871	6.21781	42.9882	-0.010313
1.65412	76.9617	86.8066	914.771	1103.04	22.4306	6.21625	42.9882	-0.011563
1.65512	77.5083	86.8066	915.456	1103.31	22.7729	6.21469	43.0375	-0.013125
1.65612	76.9617	86.533	914.999	1102.63	22.7648	6.21156	43.1362	-0.012188
1.65712	77.235	86.533	914.999	1101.81	22.2838	6.20906	42.8895	-0.012188
1.65812	77.5083	86.8066	915.342	1100.44	22.5732	6.21094	42.9882	-0.011563
1.65912	77.5083	86.8066	915.227	1099.9	22.1697	6.20344	42.7908	-0.012813
1.66012	77.235	86.3962	915.227	1099.08	21.9333	6.20469	42.7908	-0.011563
1.66112	76.9617	86.8066	915.456	1097.98	21.9622	6.20344	42.7908	-0.011563
1.66212	77.235	86.8066	915.227	1097.85	21.4849	6.20375	42.7414	-0.011875
1.66312	76.9617	86.8066	914.771	1096.21	22.2767	6.20219	42.396	-0.013125
1.66412	77.5083	87.2171	914.999	1095.25	22.7037	6.20219	42.4947	-0.011875
1.66512	76.9617	86.533	914.999	1093.61	22.4878	6.19812	42.1	-0.014688

1.66612	77.235	86.8066	914.314	1093.61	23.3354	6.19594	42.3467	-0.014063
1.66712	76.9617	85.9857	914.2	1093.61	23.3762	6.19719	42.1493	-0.0125
1.66812	77.7816	87.2171	913.628	1093.2	23.1887	6.19937	41.9026	-0.012813
1.66912	77.3716	86.8066	912.258	1091.56	23.9632	6.19656	42.1493	-0.012188
1.67012	77.235	86.8066	911.687	1091.7	23.6656	6.19656	42.1493	-0.011563
1.67112	77.7816	86.8066	909.06	1091.15	23.4903	6.18812	42.0013	-0.014688
1.67212	76.9617	86.6698	907.918	1090.2	23.955	6.15906	42.5441	-0.012188
1.67312	77.235	86.8066	906.318	1090.34	23.5392	6.13531	41.9026	-0.014688
1.67412	77.235	86.6698	904.719	1088.7	23.1479	6.12281	42.1493	-0.012813
1.67512	77.3716	86.8066	903.577	1088.7	23.3354	6.19094	42.3467	-0.010313
1.67612	76.9617	86.8066	901.978	1089.11	22.4426	6.19094	42.1986	-0.012188
1.67712	77.235	86.8066	900.838	1087.6	21.1833	6.18906	42.5934	-0.011875
1.67812	77.3716	86.8066	899.808	1086.78	21.9251	6.18781	42.7414	-0.011563
1.67912	77.3716	87.2171	899.009	1086.37	22.0066	6.18344	42.1986	-0.0125
1.68012	76.9617	86.8066	898.552	1086.96	21.9251	6.18531	42.5441	-0.011563
1.68112	76.9617	86.8066	896.953	1085.83	22.3246	6.18156	42.1986	-0.012188
1.68212	76.9617	86.8066	896.267	1084.33	22.3001	6.17844	42.1986	-0.012188
1.68312	76.9617	86.8066	894.44	1083.78	22.3083	6.17438	42.1986	-0.010313
1.68412	77.3716	86.8066	893.069	1083.78	22.4081	6.17219	42.396	-0.011563
1.68512	77.235	86.8066	891.689	1081.46	22.2757	6.17031	42.0509	-0.012813
1.68612	77.235	86.6698	889.871	1081.05	22.3531	6.16719	42.1	-0.013438
1.68712	77.235	86.533	888.501	1079.68	22.0393	6.16875	41.7052	-0.011563
1.68812	77.0983	86.8066	886.446	1079.41	21.8436	6.16687	42.1493	-0.010938
1.68912	76.9617	86.6698	886.188	1078.59	21.5787	6.16563	42.0013	-0.012813
1.69012	77.235	86.2593	882.219	1078.18	21.6134	6.16719	41.7545	-0.012813
1.69112	76.6684	87.0603	880.505	1076.4	21.2322	6.17281	41.7545	-0.012188
1.69212	76.9617	86.6698	878.449	1076.68	20.7186	6.16937	41.6559	-0.012813
1.69312	76.9617	86.8066	876.165	1075.86	21.1344	6.16781	41.6065	-0.010938
1.69412	76.9617	86.8066	874.338	1075.99	21.6806	6.17344	41.5572	-0.011563
1.69512	77.235	86.8066	872.167	1074.49	21.5909	6.17281	41.5078	-0.012813
1.69612	76.9617	86.6698	870.911	1073.54	22.292	6.17344	41.4585	-0.012813
1.69712	77.235	86.2593	868.855	1073.54	22.5284	6.17438	41.4091	-0.010313
1.69812	77.235	86.533	866.571	1072.85	22.3246	6.16563	41.2117	-0.01375
1.69912	76.9617	86.8066	864.286	1072.31	22.4265	6.13969	41.4091	-0.012813
1.70012	76.9617	86.3962	863.373	1072.31	22.8545	6.11844	41.8039	-0.014063
1.70112	77.235	86.6698	861.088	1072.17	22.9767	6.10719	41.4585	-0.011875
1.70212	77.5083	86.8066	858.804	1071.21	22.6344	6.16719	41.6065	-0.012813
1.70312	76.9617	86.6698	856.52	1071.62	22.9156	6.17156	41.6559	-0.013125
1.70412	76.9617	86.6698	854.92	1070.53	22.9075	6.16844	42.1	-0.011563
1.70512	76.4151	86.8066	852.75	1070.12	22.4795	6.16781	41.8039	-0.012813
1.70612	76.9617	86.3962	850.809	1070.26	21.8031	6.16437	41.8039	-0.014375
1.70712	76.9617	86.533	847.268	1069.57	21.1425	6.16594	42.0013	-0.011875
1.70812	77.0983	86.533	844.755	1068.48	21.224	6.16156	42.0013	-0.012188
1.70912	76.9617	86.2593	841.443	1067.94	21.6276	6.15844	41.6065	-0.012813
1.71012	77.235	86.533	838.245	1067.94	21.6969	6.16156	41.9519	-0.012813
1.71112	77.235	86.8066	836.189	1067.66	22.0189	6.16187	42.1493	-0.010938
1.71212	77.235	86.8066	833.219	1067.25	21.9414	6.15781	41.8532	-0.011563
1.71312	76.9617	86.8066	830.936	1066.3	22.0719	6.15906	42.396	-0.013438
1.71412	76.9617	86.6698	828.65	1066.16	22.3124	6.15406	41.9519	-0.013438

1.71512	77.7816	86.8066	827.28	1066.3	22.4876	6.15844	42.1	-0.010938
1.71612	77.5083	86.533	824.995	1065.48	22.2675	6.15594	42.1986	-0.011563
1.71712	76.6884	86.9434	823.168	1065.2	21.6969	6.15531	42.1	-0.012188
1.71812	77.235	86.8066	821.455	1064.52	21.3871	6.15344	42.1986	-0.011563
1.71912	77.235	86.6698	819.513	1064.11	21.6276	6.15125	42.1986	-0.012188
1.72012	77.5083	86.8066	817.914	1062.75	21.6602	6.15219	41.9026	-0.015313
1.72112	77.235	86.8066	816.201	1063.16	21.2077	6.15531	42.1986	-0.012813
1.72212	77.235	86.9434	814.487	1063.98	21.2037	6.15438	42.5934	-0.013438
1.72312	76.825	87.0803	812.66	1062.88	20.7084	6.15469	42.2973	-0.012813
1.72412	77.235	85.9857	810.832	1063.57	20.4577	6.15625	42.0013	-0.013438
1.72512	76.4151	86.8066	809.005	1063.02	20.7675	6.13594	41.8039	-0.013125
1.72612	76.9617	87.0803	807.634	1063.29	21.3137	6.10844	42.1	-0.012813
1.72712	76.9617	86.8066	806.035	1063.29	21.7295	6.08812	41.9519	-0.012813
1.72812	76.6884	87.0803	804.893	1063.02	22.2145	6.08281	42.1	-0.013125
1.72912	77.0983	87.2171	802.951	1063.29	22.2023	6.15438	42.1986	-0.012188
1.73012	76.9617	86.6698	802.38	1061.79	22.0922	6.14469	42.1986	-0.010938
1.73112	77.6449	86.8066	801.01	1060.83	22.0637	6.14344	41.7052	-0.01125
1.73212	76.9617	86.8066	799.982	1061.66	22.6466	6.14187	42.0013	-0.013438
1.73312	76.9617	86.8066	799.639	1061.11	22.4958	6.14156	42.6921	-0.012813
1.73412	77.235	86.8066	798.954	1060.56	22.023	6.14406	42.1986	-0.012813
1.73512	77.235	86.533	798.954	1060.83	22.1128	6.14469	42.4454	-0.013125
1.73613	77.3716	86.8066	797.583	1060.56	22.1269	6.13906	42.1986	-0.012813
1.73713	77.235	86.8066	797.926	1060.7	20.8572	6.13906	42.4947	-0.012188
1.73813	77.235	86.533	797.583	1060.7	20.3273	6.13406	42.4947	-0.013438
1.73913	76.9617	86.8066	798.04	1060.83	20.7308	6.13344	42.4947	-0.013438
1.74013	76.9617	87.0803	797.926	1061.11	21.5012	6.13469	42.396	-0.012813
1.74113	77.0983	86.6698	798.497	1060.15	21.4849	6.13281	42.4947	-0.010313
1.74213	76.6884	86.9434	797.812	1059.06	21.3219	6.13156	42.0013	-0.013438
1.74313	76.9617	86.8066	797.583	1060.01	21.4727	6.13281	42.5934	-0.012188
1.74413	77.235	86.533	798.497	1059.74	21.7376	6.13312	42.9882	-0.011563
1.74513	77.0983	86.6698	798.04	1060.42	22.0148	6.13219	42.4947	-0.011563
1.74613	77.5083	86.533	798.383	1060.29	21.6806	6.13562	42.5934	-0.010938
1.74713	77.0983	86.8066	797.583	1060.56	21.4931	6.13219	42.6921	-0.012813
1.74813	76.825	86.8066	797.812	1059.74	21.6806	6.13156	42.7414	-0.012813
1.74913	77.5083	86.3962	798.04	1060.01	21.6683	6.13438	42.5441	-0.012188
1.75013	77.235	86.533	798.04	1059.6	21.2811	6.13469	42.7908	-0.012813
1.75113	76.9617	86.8066	797.697	1060.83	21.0284	6.13219	43.0868	-0.012813
1.75213	77.235	86.6698	798.954	1059.74	21.1507	6.11844	42.7414	-0.013125
1.75313	76.9617	86.1225	800.324	1059.74	20.792	6.09094	42.9882	-0.010313
1.75413	76.9617	86.2593	800.667	1060.15	20.4904	6.07094	42.8401	-0.012188
1.75513	77.235	86.8066	801.696	1059.47	20.6779	6.07469	43.5803	-0.012188
1.75613	77.3716	86.6698	802.38	1060.29	20.5719	6.14437	42.9388	-0.012813
1.75713	77.3716	86.8066	803.522	1060.01	20.9876	6.12969	43.2349	-0.012188
1.75813	77.235	87.0803	805.236	1060.83	21.4931	6.13375	43.1855	-0.012188
1.75913	76.9617	86.8066	807.177	1060.15	21.6765	6.12969	43.2842	-0.012813
1.76013	77.9183	86.533	808.776	1060.83	21.7009	6.12812	43.2842	-0.012188
1.76113	77.235	86.533	811.061	1060.7	22.1371	6.12594	43.3336	-0.012188
1.76213	77.3716	86.8066	812.774	1061.11	22.0676	6.12469	43.1855	-0.012188
1.76313	77.5083	86.533	814.487	1059.74	22.0515	6.12469	43.6296	-0.013125

1.76413	77.0983	86.8066	816.658	1059.47	22.2675	6.12094	43.1855	-0.012813
1.76513	76.825	87.0803	817.229	1059.74	22.0862	6.12156	43.531	-0.014375
1.76613	77.235	86.533	818.599	1060.29	21.8436	6.11781	43.8764	-0.012188
1.76713	76.9617	86.8066	820.313	1058.92	21.9007	6.11469	43.5803	-0.012813
1.76813	77.0983	86.533	822.254	1059.19	21.1384	6.12219	43.5803	-0.012813
1.76913	77.235	86.6698	824.539	1059.47	20.2336	6.1175	43.8296	-0.013438
1.77013	77.235	87.0803	826.366	1059.06	20.7471	6.11844	43.4816	-0.012813
1.77113	77.235	86.8066	828.65	1059.06	21.0936	6.11469	43.4816	-0.014063
1.77213	76.9617	86.6698	830.478	1059.74	21.1711	6.11594	43.2842	-0.0125
1.77313	76.9617	86.8066	831.734	1060.01	21.3546	6.11781	43.1866	-0.012188
1.77413	77.0983	86.8066	834.133	1059.6	21.7091	6.11781	42.7908	-0.011563
1.77513	77.235	86.6698	835.96	1059.47	21.6969	6.11969	42.5934	-0.010938
1.77613	76.9617	86.8066	837.445	1060.29	21.811	6.12156	42.396	-0.01375
1.77713	76.6884	86.8066	839.158	1059.47	21.9088	6.11969	42.9388	-0.011875
1.77813	76.9617	86.8066	840.526	1060.56	21.6884	6.11594	42.5934	-0.013125
1.77913	76.9617	86.6698	842.357	1061.11	21.8844	6.09219	42.396	-0.013125
1.78013	77.0983	86.8066	842.813	1060.42	21.8436	6.06687	42.6921	-0.013125
1.78113	76.9617	86.8066	844.07	1060.29	21.7702	6.04656	42.6441	-0.012188
1.78213	76.825	86.6698	846.011	1060.83	21.6031	6.07969	42.7908	-0.013438
1.78313	76.9617	87.3539	847.268	1061.11	21.4523	6.12906	42.8427	-0.012813
1.78413	76.6884	87.3539	848.182	1061.38	21.22	6.10969	42.9882	-0.013438
1.78513	77.235	86.8066	850.352	1059.74	20.8654	6.11375	43.1855	-0.013438
1.78613	76.9617	87.0803	853.321	1060.56	20.6697	6.11188	43.3829	-0.010625
1.78713	76.9617	87.0803	853.321	1058.92	20.8164	6.10906	43.7283	-0.014375
1.78813	77.5083	86.6698	856.083	1059.47	20.9917	6.10969	44.2218	-0.014375
1.78913	77.235	86.6698	858.575	1060.01	21.3667	6.10781	43.7777	-0.013438
1.79013	76.9617	87.0803	860.517	1059.47	21.5909	6.10781	43.9751	-0.011563
1.79113	76.825	86.6698	863.144	1060.29	21.6316	6.10562	44.0737	-0.012813
1.79213	77.235	86.533	864.972	1059.74	21.8599	6.10469	44.1231	-0.0125
1.79313	77.3716	86.8066	867.256	1059.33	21.97	6.10219	43.8764	-0.011563
1.79413	76.9617	87.0803	869.083	1060.29	21.7865	6.10094	44.0737	-0.012813
1.79513	76.9617	86.6698	871.482	1061.38	21.9211	6.10469	44.0244	-0.012813
1.79613	76.9617	86.8066	873.424	1060.01	21.8436	6.10281	44.0737	-0.012813
1.79713	76.825	86.533	875.48	1059.74	21.5175	6.09969	43.8764	-0.008375
1.79813	76.9617	87.0803	876.165	1060.29	21.4115	6.10219	43.7777	-0.012813
1.79913	76.825	86.6698	878.335	1060.97	21.2852	6.10281	44.0737	-0.010938
1.80013	77.3716	86.8066	880.505	1061.11	20.7675	6.10219	43.531	-0.011875
1.80113	77.235	85.8489	882.104	1061.65	20.2539	6.10156	43.531	-0.012813
1.80213	76.9617	86.6698	883.475	1061.65	20.1154	6.10281	43.2842	-0.012813
1.80313	77.235	86.6698	885.074	1061.79	20.0746	6.10219	43.1855	-0.013125
1.80413	77.0983	86.533	885.988	1061.79	20.3355	6.10219	43.1855	-0.015313
1.80513	77.5083	86.6698	886.673	1061.93	20.6575	6.09469	42.9882	-0.013125
1.80613	76.9617	87.2171	887.815	1063.43	20.686	6.06844	43.1382	-0.011875
1.80713	77.7816	86.533	888.957	1061.93	20.6615	6.04656	42.7908	-0.012813
1.80813	77.235	85.2593	889.871	1062.47	20.9143	6.03219	42.9882	-0.010938
1.80913	76.9617	86.8066	890.214	1061.11	20.8939	6.08344	42.8895	-0.012813
1.81013	77.7816	86.533	890.671	1060.83	20.7757	6.10656	43.0868	-0.014063
1.81113	77.235	86.6698	891.47	1061.38	20.9102	6.10094	43.3936	-0.012188
1.81213	77.235	85.2593	892.612	1061.93	21.0365	6.10687	43.2349	-0.012813

1.81313	76.9617	86.8066	892.727	1061.93	20.6452	6.09812	43.2842	-0.011563
1.81413	77.7816	86.8066	893.298	1062.47	20.474	6.09906	43.3829	-0.012813
1.81513	77.235	86.6698	894.326	1061.79	20.7186	6.09906	43.7283	-0.01125
1.81613	77.235	87.2171	894.211	1061.93	20.3273	6.09719	43.1855	-0.01375
1.81713	76.4151	86.8066	894.897	1063.57	19.8628	6.09594	43.531	-0.0125
1.81813	77.3716	86.3962	895.81	1061.79	19.8993	6.09281	43.6296	-0.012813
1.81913	76.9617	87.0803	897.538	1061.79	20.1897	6.08969	43.4323	-0.010938
1.82013	77.5083	86.6698	897.067	1062.34	20.2784	6.08844	43.679	-0.014688
1.82113	76.6884	86.533	897.981	1061.65	20.5596	6.08844	43.9751	-0.013125
1.82213	77.0983	86.6698	898.894	1061.93	20.8409	6.08969	43.827	-0.012813
1.82313	76.9617	87.3539	899.485	1062.75	21.008	6.09062	43.5803	-0.012188
1.82413	76.9617	86.8066	900.151	1063.02	21.0732	6.09312	43.679	-0.011563
1.82513	77.235	86.8066	900.493	1062.61	21.1507	6.09219	43.679	-0.012188
1.82613	76.6884	86.8066	900.608	1062.47	21.2403	6.08938	43.5803	-0.012813
1.82713	77.235	86.6698	900.836	1061.38	21.1466	6.08844	43.6296	-0.014375
1.82813	76.9617	86.533	901.064	1063.29	21.1792	6.09125	43.5803	-0.013438
1.82913	76.9617	86.8066	902.207	1062.2	21.0855	6.09281	43.5803	-0.013125
1.83013	76.9617	86.1225	902.664	1063.02	20.846	6.09375	43.531	-0.010625
1.83113	77.5083	86.8066	903.463	1062.34	20.7023	6.09344	43.679	-0.010938
1.83213	76.6884	86.533	904.034	1062.88	20.4904	6.07469	43.7283	-0.011875
1.83313	77.3716	86.8066	904.263	1063.43	20.1846	6.04719	43.6296	-0.012188
1.83413	77.0983	86.1225	905.406	1063.98	19.883	6.03219	43.679	-0.013438
1.83513	77.7816	86.8066	906.633	1063.98	19.5447	6.02094	43.6296	-0.015313
1.83613	77.3716	86.2593	905.747	1063.84	19.1779	6.08781	43.9751	-0.012813
1.83713	77.235	87.3539	906.204	1064.79	19.4081	6.08719	43.679	-0.0125
1.83813	77.5083	86.3962	905.882	1063.7	19.6833	6.08469	43.7777	-0.013125
1.83913	77.5083	86.8066	905.405	1064.52	19.8545	6.08406	43.8764	-0.012188
1.84013	77.3716	86.8066	905.291	1063.02	19.9727	6.08406	43.7777	-0.011563
1.84113	77.235	86.6698	906.204	1063.02	20.0827	6.08344	43.6296	-0.010313
1.84213	77.3716	86.8066	904.491	1062.88	20.1317	6.07969	43.679	-0.012813
1.84313	77.3716	87.3539	904.491	1063.57	20.1031	6.07969	43.7777	-0.012813
1.84413	77.235	86.8066	904.719	1064.52	20.0827	6.07937	43.4323	-0.014063
1.84513	77.235	86.8066	904.263	1063.98	20.1806	6.07719	43.3336	-0.012813
1.84613	77.6449	86.8066	904.148	1064.11	20.0991	6.07969	43.5803	-0.0125
1.84713	77.3716	86.533	904.034	1064.11	19.9645	6.07562	43.2842	-0.011563
1.84813	76.9617	86.8066	904.034	1064.38	19.9116	6.07844	43.3829	-0.010313
1.84913	76.9617	86.8066	903.92	1064.11	19.6914	6.07594	43.3336	-0.011563
1.85013	76.9617	87.3539	904.377	1066.3	19.3939	6.07781	43.7777	-0.011563
1.85113	76.0549	86.6698	904.491	1063.84	19.2186	6.07719	43.4816	-0.015313
1.85213	77.7816	86.8066	904.263	1063.57	19.7933	6.07719	43.5803	-0.011563
1.85313	76.9617	86.533	904.491	1063.84	20.1235	6.07969	43.5803	-0.014063
1.85413	76.4151	86.533	903.92	1064.66	20.1194	6.08219	43.8764	-0.014688
1.85513	76.825	86.8066	904.263	1064.11	20.1724	6.08219	43.679	-0.013125
1.85613	76.9617	86.8066	904.263	1065.2	20.6045	6.08344	43.7283	-0.0125
1.85713	77.235	86.533	904.377	1064.52	20.7838	6.08469	43.9257	-0.012813
1.85813	76.9617	86.8066	903.577	1063.98	20.9754	6.07937	43.7777	-0.011563
1.85913	76.9617	86.8066	904.491	1064.93	21.0121	6.08094	44.0737	-0.012813
1.86013	77.235	86.533	904.034	1064.38	20.898	6.03719	43.9751	-0.012188
1.86113	76.9617	86.533	903.577	1064.38	20.8654	6.01406	44.1724	-0.012188

1.86213	76.9617	86.3962	903.92	1063.7	20.792	6.02594	43.9751	-0.01375
1.86313	76.9617	87.4908	904.719	1064.11	20.8854	6.09344	43.7777	-0.009888
1.86413	77.235	86.8066	902.864	1064.52	20.5779	6.07719	44.3698	-0.013125
1.86513	77.235	86.8066	902.435	1064.79	20.6371	6.08219	44.3205	-0.012188
1.86613	77.3716	86.8066	900.608	1064.66	20.148	6.07969	44.3205	-0.012188
1.86713	76.9617	86.8066	900.151	1064.93	20.042	6.07969	43.9257	-0.012188
1.86813	76.4151	86.533	899.922	1065.2	19.9886	6.07969	44.1724	-0.012813
1.86913	77.235	86.8066	899.009	1065.48	19.3817	6.07469	43.8764	-0.011563
1.87013	76.9617	87.0803	897.409	1064.38	19.2309	6.07406	43.7777	-0.012188
1.87113	77.3716	86.8066	897.067	1064.93	19.3491	6.07219	43.3829	-0.012813
1.87213	77.5083	86.6698	896.267	1065.2	19.5284	6.07031	43.7283	-0.012813
1.87313	76.9617	86.8066	895.81	1064.93	19.8507	6.06906	43.4816	-0.012188
1.87413	77.5083	86.8066	895.354	1065.34	20.2468	6.06719	43.5803	-0.014375
1.87514	77.235	86.2593	895.81	1065.61	19.9886	6.06719	43.4816	-0.012188
1.87614	77.5083	86.8066	894.44	1065.75	20.2295	6.06844	43.5803	-0.013438
1.87714	76.9617	87.2171	894.897	1065.75	19.9972	6.07031	43.7283	-0.012813
1.87814	77.235	86.8066	894.897	1066.3	19.8545	6.06906	43.679	-0.012813
1.87914	76.9617	86.6698	894.211	1065.48	20.0746	6.06844	43.3829	-0.013125
1.88014	77.235	86.3962	894.668	1065.61	19.5855	6.06969	43.4816	-0.012813
1.88114	76.1418	86.6698	894.211	1065.2	19.9034	6.06719	43.3336	-0.012188
1.88214	77.6449	86.8066	893.755	1065.48	19.883	6.06906	43.4323	-0.011875
1.88314	76.9617	86.6698	893.526	1065.48	19.023	6.07094	43.5803	-0.011563
1.88414	76.9617	86.6698	893.412	1064.79	18.705	6.06969	43.679	-0.013438
1.88514	77.235	86.6698	893.526	1064.93	19.3328	6.06562	43.5803	-0.011563
1.88614	77.235	86.8066	892.384	1064.66	19.8097	6.04156	43.7777	-0.013438
1.88714	76.9617	87.3539	893.069	1064.52	19.7567	6.01687	43.9751	-0.014063
1.88814	76.9617	86.6698	893.526	1064.93	20.0298	5.99781	44.5178	-0.013125
1.88914	77.3716	86.533	893.526	1065.2	19.9886	6.04344	43.9751	-0.012188
1.89014	77.235	86.6698	894.326	1065.75	20.3029	6.07969	43.7777	-0.012813
1.89114	77.235	86.6698	893.298	1064.79	20.5393	6.06312	44.0244	-0.010938
1.89214	77.235	86.9434	893.298	1064.66	20.8001	6.06719	43.7777	-0.011875
1.89314	76.9617	86.533	892.612	1065.89	20.7757	6.06469	43.3336	-0.012813
1.89414	77.6449	87.0803	891.699	1066.3	20.5719	6.06219	43.2842	-0.01375
1.89514	76.6584	86.8066	891.242	1066.3	20.7634	6.06219	42.9882	-0.013438
1.89614	76.9617	87.0803	890.328	1065.61	20.8001	6.06437	42.7906	-0.011563
1.89714	77.235	86.9434	889.871	1065.48	20.1561	6.06219	42.6921	-0.011563
1.89814	77.235	86.6698	888.272	1066.02	21.0855	6.05969	42.6921	-0.012813
1.89914	76.825	86.6698	888.044	1066.16	20.3355	6.05906	42.6921	-0.010313
1.90014	77.0963	87.3539	886.445	1065.61	19.7037	6.05625	42.6427	-0.01125
1.90114	77.3716	86.8066	885.188	1066.02	19.7159	6.06219	42.7908	-0.012813
1.90214	77.9183	86.8066	883.703	1066.02	18.6806	6.05719	42.396	-0.012813
1.90314	76.9617	86.533	881.876	1066.3	18.7458	6.05719	42.5441	-0.01375
1.90414	76.5517	86.8066	879.363	1065.07	19.3817	6.05562	42.5934	-0.013125
1.90514	77.5083	86.8066	879.363	1065.89	19.4632	6.06656	42.3457	-0.0125
1.90614	76.9617	86.3962	877.079	1064.79	19.0719	6.05781	42.3457	-0.014063
1.90714	76.9617	86.533	877.079	1066.16	19.8219	6.05719	42.6427	-0.011563
1.90814	76.9617	86.533	874.338	1064.11	19.5692	6.05937	42.5934	-0.014063
1.90914	76.9617	86.8066	873.31	1064.38	19.4876	6.06125	42.7908	-0.014375
1.91014	76.9617	86.6698	872.738	1064.38	19.8178	6.06219	43.2349	-0.01375

1.91114	77.3716	86.6698	871.825	1064.66	19.4632	6.06281	43.0375	-0.014688
1.91214	77.235	86.533	870.683	1065.2	19.2675	6.05031	42.9882	-0.014688
1.91314	77.7816	86.8066	869.769	1064.66	19.7118	6.02312	43.0868	-0.013125
1.91414	77.235	86.6698	867.941	1064.66	19.4061	6.00469	43.2842	-0.009063
1.91514	76.6884	86.8066	866.913	1064.93	19.023	5.99187	42.8895	-0.012813
1.91614	77.235	86.8066	865.657	1065.2	19.1167	6.05562	42.9882	-0.010313
1.91714	77.3716	86.8066	865.2	1065.07	18.7662	6.06469	42.9882	-0.013438
1.91814	77.3716	86.8066	863.373	1064.52	18.4646	6.06156	42.6921	-0.012813
1.91914	76.5517	86.8066	862.459	1064.52	18.5563	6.05906	42.3467	-0.015313
1.92014	76.9617	85.9857	860.06	1064.66	18.3362	6.05656	42.7908	-0.011875
1.92114	77.235	86.8066	859.718	1064.93	19.0597	6.05719	42.2973	-0.012813
1.92214	77.235	86.8066	858.575	1064.66	19.2349	6.05594	42.0506	-0.011875
1.92314	76.825	86.8066	856.748	1063.98	19.0393	6.05469	42.1493	-0.011563
1.92414	77.3716	86.533	855.149	1064.79	19.6507	6.05156	41.8039	-0.013438
1.92514	76.9617	86.8066	853.778	1065.2	19.8867	6.05312	41.9519	-0.010313
1.92614	77.235	86.9434	851.951	1064.25	19.6914	6.04719	41.8039	-0.014063
1.92714	76.9617	86.8066	850.009	1064.66	20.1561	6.04719	41.9026	-0.013438
1.92814	77.5083	86.8066	847.154	1063.84	19.9645	6.04969	41.6065	-0.011563
1.92914	77.3716	86.8066	845.326	1064.11	19.9849	6.04906	41.2117	-0.011563
1.93014	76.9617	86.2593	841.9	1062.75	20.201	6.04594	41.0637	-0.015625
1.93114	76.9617	86.6698	840.072	1063.98	20.0664	6.05156	41.6559	-0.012813
1.93214	76.5517	86.8066	837.788	1064.38	19.9849	6.04969	41.7545	-0.011563
1.93314	77.0983	86.8066	836.76	1065.2	20.0461	6.04656	41.3104	-0.012813
1.93414	77.235	86.6698	835.047	1064.11	19.6385	6.05219	41.6065	-0.012188
1.93514	76.9617	86.8066	833.218	1064.66	18.8029	6.04844	41.4091	-0.013438
1.93614	76.9617	87.0803	831.049	1064.11	18.5746	6.04844	41.6559	-0.012813
1.93714	77.5083	86.6698	828.193	1064.66	18.5828	6.04906	41.7545	-0.014688
1.93814	77.3716	86.8066	826.594	1063.98	18.7295	6.04844	41.9026	-0.012813
1.93914	77.235	87.3539	825.224	1064.93	18.6887	6.02719	41.8039	-0.013438
1.94014	76.9617	86.3962	822.711	1063.43	19.1493	5.99844	42.0506	-0.012188
1.94114	76.9617	86.533	820.884	1062.75	18.9904	5.97813	41.4091	-0.012813
1.94214	76.4151	86.8066	818.599	1062.47	19.1942	5.96761	41.9026	-0.012188
1.94314	76.4151	86.6698	817.885	1062.61	19.3246	6.03969	41.9026	-0.01375
1.94414	76.9617	86.2593	816.772	1063.02	18.884	6.03906	41.8039	-0.013438
1.94514	76.9617	86.6698	815.173	1062.88	19.023	6.03969	41.8039	-0.013438
1.94614	76.4151	86.6698	813.117	1062.47	19.3572	6.03344	41.9026	-0.010938
1.94714	77.3716	86.6698	811.875	1062.34	18.9007	6.03344	41.7052	-0.011563
1.94814	77.3716	86.8066	809.919	1061.38	18.7784	6.03156	41.4091	-0.012188
1.94914	76.5517	86.8066	807.977	1063.02	18.9986	6.03125	41.4091	-0.012188
1.95014	77.3716	86.6698	806.035	1061.11	18.6072	6.02844	41.2117	-0.0125
1.95114	77.235	86.6698	804.779	1061.52	18.3137	6.02719	41.0144	-0.015313
1.95214	77.235	86.8066	802.152	1059.47	18.2241	6.02125	40.3729	-0.015313
1.95314	77.235	86.8066	800.324	1061.11	18.061	6.02094	40.9157	-0.014688
1.95414	77.235	86.6698	798.725	1060.83	17.7635	6.02281	41.3104	-0.012813
1.95514	76.9617	86.533	796.669	1061.24	17.5682	6.02469	40.817	-0.0125
1.95614	76.6884	86.8066	795.299	1061.38	17.7268	6.02437	40.7676	-0.016313
1.95714	77.3716	86.6698	792.443	1060.83	17.8572	6.02156	40.7183	-0.013438
1.95814	77.3716	86.6698	790.958	1060.15	18.3871	6.02406	40.6196	-0.014063
1.95914	76.9617	86.8066	789.131	1060.01	18.7132	6.02219	40.7676	-0.014688

1.96014	77.3716	87.2171	787.76	1059.74	18.7376	6.01781	40.9157	-0.013438
1.96114	76.9617	86.533	786.161	1060.56	18.8192	6.01969	40.7676	-0.013125
1.96214	77.3716	87.3539	785.248	1060.01	19.1045	6.02187	40.7676	-0.012813
1.96314	77.235	86.9434	783.649	1059.08	19.1371	6.01719	40.5703	-0.0125
1.96414	77.235	86.8066	782.735	1058.92	19.1208	6.02219	40.9157	-0.013125
1.96514	76.9617	86.8066	782.049	1058.92	19.2431	6.01906	41.5078	-0.012813
1.96614	77.235	86.8066	781.364	1059.08	19.3531	6.01062	41.0144	-0.011875
1.96714	77.3716	86.6698	780.793	1058.1	19.1697	5.98844	41.2611	-0.012813
1.96814	77.235	86.8066	780.565	1057.58	19.0841	5.98344	41.2117	-0.015313
1.96914	77.5083	86.8066	780.222	1058.1	19.0678	5.94406	41.4091	-0.012813
1.97014	77.3716	86.8066	779.537	1057.28	18.7703	5.98469	41.3598	-0.012813
1.97114	76.9617	87.0803	779.308	1057.01	18.0121	6.01969	41.1624	-0.013438
1.97214	76.9617	86.8066	778.623	1056.33	17.8205	6.00631	41.4091	-0.012188
1.97314	77.235	87.4906	778.851	1056.33	18.0488	6.00844	41.2117	-0.011875
1.97414	77.235	86.6698	779.08	1054.82	18.3066	6.00719	41.3104	-0.01125
1.97514	77.0983	87.3539	777.709	1054.28	18.4034	6.00719	41.0144	-0.014063
1.97614	77.3716	86.6698	778.28	1054.82	18.5461	6.00344	40.9157	-0.012813
1.97714	76.9617	87.0803	777.938	1053.73	18.6113	6.00219	40.9157	-0.01375
1.97814	77.235	87.3539	778.395	1054	18.7132	6.00219	40.817	-0.012188
1.97914	76.9617	86.6698	777.938	1053.46	18.754	5.99594	40.5209	-0.013125
1.98014	77.235	86.533	778.28	1053.19	18.7968	5.99563	40.2249	-0.0125
1.98114	76.9617	86.3962	778.395	1053.19	18.8762	5.99594	40.3235	-0.013438
1.98214	76.9617	86.8066	778.395	1052.37	18.7947	5.99594	40.1262	-0.011563
1.98314	76.4151	86.533	777.709	1052.91	18.6072	5.99156	40.4222	-0.011563
1.98414	77.0983	86.8066	777.024	1051.55	18.6113	5.99156	40.3235	-0.014688
1.98514	76.9617	86.8489	776.11	1051.55	18.5909	5.99094	40.1755	-0.010625
1.98614	76.9617	86.8066	775.425	1052.37	18.4319	5.99187	40.1262	-0.016563
1.98714	76.4151	86.8066	775.425	1052.5	18.2771	5.99344	40.5703	-0.01375
1.98814	77.235	86.6698	774.74	1052.37	18.1874	5.99437	40.3235	-0.014375
1.98914	77.235	86.6698	775.196	1051.55	17.9306	5.99406	40.6196	-0.01375
1.99014	76.9617	87.0803	775.311	1051	17.7227	5.99156	40.7183	-0.013125
1.99114	77.0983	86.533	775.996	1051.55	17.58	5.98219	40.817	-0.014688
1.99214	76.9617	86.8066	776.453	1050.66	17.58	5.99219	41.0144	-0.012813
1.99314	76.9617	86.6698	777.709	1050.45	17.6045	5.98969	40.9157	-0.012813
1.99414	77.0983	86.9434	779.994	1049.91	18.1059	5.97875	41.0144	-0.012813
1.99514	76.9617	86.8066	781.935	1048.81	18.2567	5.95187	41.1624	-0.01375
1.99614	77.7616	86.8066	785.476	1048.81	18.3219	5.92969	40.965	-0.010313
1.99714	77.235	86.9434	786.161	1047.45	18.5338	5.91969	40.9157	-0.014688
1.99814	77.235	86.8066	788.674	1047.69	18.648	5.99156	41.1131	-0.011563
1.99914	77.3716	86.533	790.502	1047.18	18.6235	5.98719	40.5703	-0.012813
2.00014	76.9617	86.8066	791.53	1046.49	18.8518	5.98844	40.4716	-0.014688
2.00114	77.0983	87.3539	792.558	1046.08	18.8599	5.98656	40.3235	-0.012813
2.00214	76.6664	86.6698	793.471	1045.26	18.7947	5.98438	40.3729	-0.012188
2.00314	76.9617	86.533	794.386	1045.54	18.8355	5.98469	39.8301	-0.013438
2.00414	77.235	86.8066	794.842	1044.99	18.6684	5.98219	39.4353	-0.012813
2.00514	77.235	86.8066	795.756	1044.99	18.5461	5.97969	39.7314	-0.012813
2.00614	77.235	86.1225	796.555	1043.76	18.4686	5.9775	39.6327	-0.012813
2.00714	77.0983	86.2593	798.04	1043.21	17.8246	5.97594	39.6327	-0.012813
2.00814	77.3716	86.8066	798.04	1042.94	17.3762	5.97312	39.6327	-0.012813

2.00914	76.9617	86.8066	799.182	1043.35	17.5026	5.97156	40.1755	-0.013438
2.01014	77.5083	86.8066	799.753	1043.9	17.5923	5.97219	39.7808	-0.012813
2.01114	76.9617	86.8066	800.096	1043.35	17.8735	5.97156	40.1262	-0.014063
2.01214	77.235	86.533	801.467	1043.35	18.0529	5.96781	40.3729	-0.011875
2.01314	76.9617	86.8066	801.923	1043.35	18.0936	5.96781	40.0275	-0.010938
2.01415	76.9617	86.533	803.751	1043.36	18.3137	5.96875	40.2742	-0.012813
2.01515	76.9617	86.8066	804.893	1042.26	18.3993	5.97094	40.3235	-0.014063
2.01615	76.9617	86.8066	806.149	1042.8	18.4686	5.97094	40.5209	-0.012188
2.01715	77.0983	87.0803	807.634	1041.44	18.5257	5.96906	40.6196	-0.01375
2.01815	76.9617	86.8066	809.69	1041.17	18.3341	5.96844	40.3729	-0.009063
2.01915	76.825	86.2593	810.718	1040.62	18.436	5.96875	40.4222	-0.012813
2.02015	77.5083	86.533	813.117	1041.17	18.6154	5.97156	40.817	-0.012813
2.02115	76.9617	86.533	816.543	1041.17	18.3015	5.97281	40.4222	-0.012813
2.02215	77.3716	86.533	817.229	1040.07	18.2567	5.95594	40.7183	-0.013438
2.02315	77.5083	87.2171	819.284	1039.66	18.4523	5.92719	40.8663	-0.010313
2.02415	77.3716	86.1225	820.998	1039.25	18.0936	5.90844	40.2249	-0.012813
2.02515	77.235	86.6698	822.94	1038.43	17.8531	5.91594	40.5209	-0.011563
2.02615	76.4151	86.6698	824.767	1038.18	17.9387	5.97625	40.5209	-0.012813
2.02715	77.235	86.9434	825.909	1038.3	17.6045	5.96281	40.3235	-0.012188
2.02815	77.7816	86.9434	827.737	1035.7	17.3762	5.96719	40.2249	-0.01375
2.02915	76.6884	86.6698	830.706	1035.7	17.4262	5.96469	40.2249	-0.010313
2.03015	77.235	87.3539	830.021	1034.47	17.5963	5.96219	40.0275	-0.012813
2.03115	77.0983	86.533	833.219	1033.52	17.8287	5.96094	40.1755	-0.013438
2.03215	77.235	86.6698	834.475	1033.11	17.951	5.95937	39.386	-0.011875
2.03316	76.4151	86.3962	836.417	1032.97	18.0936	5.95375	39.4353	-0.012813
2.03416	76.9617	85.9857	837.798	1032.97	18.2076	5.95187	39.2873	-0.012813
2.03516	77.235	86.533	839.387	1032.63	18.3056	5.94969	39.3366	-0.01375
2.03616	76.5517	86.6698	840.529	1033.52	18.383	5.94781	39.6327	-0.014063
2.03716	77.235	86.533	841.443	1033.93	18.4523	5.94406	39.534	-0.012813
2.03816	76.4151	86.533	843.042	1034.47	18.3708	5.94344	39.534	-0.014063
2.03916	77.235	86.8066	843.613	1033.52	18.2567	5.94594	39.6327	-0.012813
2.04016	76.9617	86.8066	845.556	1034.2	18.3219	5.94438	39.8301	-0.008438
2.04116	76.9617	86.8066	845.098	1033.52	18.2241	5.94594	39.5834	-0.01375
2.04216	77.0983	86.533	845.326	1033.24	18.0447	5.94688	40.1755	-0.012813
2.04316	76.9617	86.9434	847.268	1032.42	17.8817	5.94469	40.5703	-0.011563
2.04416	76.9617	86.8066	846.925	1032.42	17.8658	5.94656	39.9781	-0.013438
2.04516	76.9617	86.8066	847.839	1032.42	17.47	5.94969	40.6196	-0.012188
2.04616	76.9617	86.9434	848.636	1031.86	17.0628	5.94719	40.8663	-0.012188
2.04716	77.0983	87.3539	850.58	1031.86	16.8749	5.94844	40.4716	-0.011875
2.04816	76.9617	87.2171	851.837	1031.2	16.7689	5.94906	40.7676	-0.010938
2.04916	77.0983	87.2171	853.55	1032.01	16.9523	5.94344	40.7183	-0.012813
2.05016	77.0983	86.8066	856.52	1029.83	17.0746	5.9175	40.817	-0.014063
2.05116	76.9617	86.533	859.147	1030.24	17.1602	5.89594	40.9157	-0.011563
2.05216	77.235	86.8066	860.174	1029.97	17.3069	5.87969	40.817	-0.013438
2.05316	77.235	86.533	861.545	1028.87	17.3925	5.88656	41.0637	-0.011563
2.05416	77.5083	86.6698	863.258	1029.16	17.3233	5.95844	40.4222	-0.013125
2.05516	77.235	86.8066	865.2	1028.87	17.4618	5.94094	40.6196	-0.013438
2.05616	76.9617	86.8066	865.885	1028.05	17.5474	5.94469	40.4222	-0.012813
2.05716	77.3716	87.0803	867.941	1027.37	17.4944	5.94156	40.2249	-0.013438

2.05815	76.9617	86.8066	868.17	1026.05	17.4374	5.94094	39.9268	-0.01375
2.05915	76.9617	86.8066	869.083	1026.62	17.4578	5.93969	39.7314	-0.013438
2.06015	76.9617	86.533	869.769	1027.64	17.3885	5.93719	39.6821	-0.01375
2.06115	77.235	86.8066	869.769	1025.87	17.3069	5.93531	39.396	-0.012813
2.06215	76.9617	86.8066	871.596	1026.41	17.2295	5.93437	39.7808	-0.010938
2.06315	77.3716	86.533	870.568	1026.41	17.1847	5.93219	39.6327	-0.013125
2.06415	76.9617	86.8066	871.482	1026.96	16.9809	5.93031	39.5834	-0.011875
2.06515	77.235	85.9857	871.596	1027.37	16.7974	5.93219	39.8301	-0.013438
2.06615	76.9617	86.8066	871.025	1027.23	16.5977	5.93156	39.9268	-0.012188
2.06715	76.6884	86.8066	871.368	1026.69	16.5936	5.92875	40.1262	-0.014688
2.06815	77.235	86.533	872.053	1027.51	16.6464	5.92969	39.9268	-0.014688
2.06915	77.0983	86.8066	872.053	1026.69	17.1235	5.93156	40.3235	-0.014063
2.07015	77.235	87.0803	872.167	1026.96	17.1969	5.93125	40.4222	-0.011563
2.07115	77.235	86.8066	872.053	1026.69	17.3436	5.92969	40.3235	-0.0125
2.07215	76.9617	86.8066	871.939	1025.87	17.4904	5.93219	40.5209	-0.013125
2.07315	76.9617	86.6696	873.195	1026.69	17.5393	5.93437	40.6196	-0.010938
2.07415	77.3716	86.533	871.939	1025.73	17.5882	5.93156	40.5209	-0.012813
2.07515	77.235	86.8066	872.51	1024.78	17.6697	5.93313	41.3104	-0.014688
2.07615	77.5083	87.0803	872.51	1025.73	17.6816	5.93563	40.5703	-0.014375
2.07715	76.9617	86.533	872.967	1025.05	17.6086	5.92844	40.817	-0.013125
2.07815	76.2785	86.8066	874.338	1025.73	17.629	5.90687	40.9157	-0.012813
2.07915	77.235	87.3539	874.794	1024.5	17.5719	5.88094	40.865	-0.012813
2.08015	76.9617	87.0803	875.48	1024.78	17.4211	5.85938	41.0144	-0.011563
2.08115	76.9617	86.8066	876.736	1023.68	17.3398	5.87594	40.9157	-0.012188
2.08215	77.0983	86.8066	877.079	1024.78	17.2295	5.94344	41.2611	-0.012813
2.08315	76.9617	86.8066	877.079	1023.68	16.9523	5.92406	40.965	-0.014375
2.08415	76.9617	86.8066	878.335	1023.27	16.7974	5.92844	41.0144	-0.014375
2.08515	77.235	86.8066	879.363	1023.68	16.6385	5.92406	40.9157	-0.01375
2.08615	76.9617	86.8066	879.82	1023.55	16.3817	5.92469	40.8663	-0.012813
2.08715	76.9617	87.2171	880.048	1023.14	16.0638	5.92188	40.6196	-0.012813
2.08815	77.235	87.2171	880.277	1023.55	15.9985	5.92156	40.6196	-0.012813
2.08915	77.3716	86.8066	881.076	1023.56	16.0393	5.92156	40.4222	-0.012813
2.09015	76.9617	86.8066	880.734	1023.56	16.1534	5.91719	40.1755	-0.015313
2.09115	77.235	86.8066	881.419	1023.14	16.3776	5.91344	40.1262	-0.014063
2.09215	77.235	86.8066	881.419	1022.59	16.4061	5.91344	40.0275	-0.012813
2.09315	77.235	86.533	880.734	1022.59	16.3532	5.91437	40.3235	-0.010625
2.09415	76.4151	86.8066	880.734	1023.14	16.7486	5.91375	40.2249	-0.012188
2.09515	77.235	86.533	880.163	1023	16.7648	5.91344	40.1262	-0.010313
2.09615	76.4151	85.9857	879.706	1023.14	16.2349	5.91437	40.1262	-0.012813
2.09715	76.9617	86.8066	878.564	1023.14	16.6589	5.91281	40.1262	-0.012813
2.09815	77.6449	86.8066	878.221	1022.04	16.9931	5.91125	40.2249	-0.011875
2.09915	78.9617	86.8066	877.992	1023.41	16.3858	5.91437	40.3729	-0.014063
2.10015	77.5083	87.0803	878.449	1023.96	16.5203	5.91906	40.3729	-0.015313
2.10115	77.0983	86.2593	877.536	1023.14	16.8056	5.91375	40.4222	-0.013125
2.10215	76.6884	86.3962	877.079	1022.59	16.3083	5.91531	40.6196	-0.012813
2.10315	76.9617	85.9857	877.079	1023.14	16.2106	5.91687	40.7183	-0.01375
2.10415	76.9617	86.8066	877.079	1023.96	16.3898	5.91781	41.0637	-0.013438
2.10515	77.235	86.8066	877.079	1022.59	15.9496	5.91563	41.0637	-0.012188
2.10615	77.235	86.533	877.079	1022.04	15.8029	5.89594	41.3596	-0.013125

2.10715	77.0983	86.533	878.107	1022.32	16.1697	5.87094	41.1131	-0.014688
2.10815	77.5083	87.3539	877.878	1022.18	16.2186	5.84906	41.2117	-0.015625
2.10915	76.9617	86.6698	878.221	1022.59	16.2961	5.85687	41.6559	-0.0125
2.11015	77.5083	87.2171	878.906	1022.45	16.6262	5.92656	41.7052	-0.013125
2.11115	76.825	86.9434	879.249	1022.59	16.7281	5.91469	41.8532	-0.011563
2.11215	76.4151	86.1225	878.792	1022.18	16.7363	5.91219	41.7052	-0.012813
2.11315	76.9617	86.6698	879.592	1021.5	16.8504	5.91187	42.0506	-0.011875
2.11415	76.9617	87.0803	879.135	1022.59	17.0175	5.90687	42.1	-0.010938
2.11515	77.235	86.8066	879.82	1022.04	16.9849	5.90594	42.0506	-0.011563
2.11615	77.7816	87.0803	879.82	1021.5	16.936	5.90469	42.1493	-0.012813
2.11715	77.0983	86.8066	879.82	1022.04	17.0624	5.90438	41.8039	-0.011875
2.11815	77.235	86.8066	879.706	1021.77	17.0624	5.90094	41.7545	-0.014375
2.11915	76.9617	86.8066	879.706	1022.04	17.0542	5.89844	41.8039	-0.014063
2.12015	76.9617	86.8066	878.906	1022.45	17.0175	5.89875	42.1493	-0.012813
2.12115	77.5083	86.8066	879.477	1022.59	16.936	5.89906	41.8039	-0.013125
2.12215	76.9617	86.533	877.992	1022.32	16.8627	5.90062	41.4091	-0.012188
2.12315	77.235	86.6698	877.079	1021.77	16.6874	5.89781	41.5078	-0.014063
2.12415	76.9617	86.8066	876.508	1022.59	16.6018	5.89719	41.4091	-0.013438
2.12515	77.7816	87.0803	876.393	1022.59	16.4224	5.89937	41.4091	-0.012188
2.12615	77.235	86.8066	876.051	1023.41	16.3532	5.88906	41.4091	-0.012813
2.12715	76.5517	86.2593	874.794	1022.32	16.1127	5.8975	41.2611	-0.012813
2.12815	77.235	86.6698	874.109	1022.32	15.7091	5.89844	41.3598	-0.012813
2.12915	77.235	86.8066	873.424	1021.5	15.6439	5.89781	41.1624	-0.014063
2.13015	77.5083	86.8066	872.967	1021.91	15.8844	5.89969	41.4091	-0.012188
2.13115	77.235	86.6698	872.282	1022.59	15.9415	5.90312	41.8039	-0.012188
2.13215	77.235	86.8066	871.596	1023.41	15.9333	5.90219	41.7545	-0.013125
2.13315	76.9617	86.6698	869.769	1021.77	16.0882	5.90406	42.1	-0.012188
2.13415	77.5083	86.8066	869.769	1022.45	16.1371	5.88812	41.8039	-0.013438
2.13515	77.235	86.8066	868.856	1021.22	16.2023	5.86344	42.2973	-0.011563
2.13615	76.825	86.1225	867.37	1021.5	16.1045	5.84656	42.4947	-0.013438
2.13715	77.235	86.6698	867.599	1021.5	16.3246	5.84219	42.5934	-0.012188
2.13815	76.9617	86.8066	867.028	1020.68	16.345	5.90656	42.6882	-0.011563
2.13915	76.9617	86.533	866.342	1020.82	16.9415	5.89969	43.0868	-0.011563
2.14015	77.3716	87.3539	866.342	1020.82	16.2146	5.89969	43.0868	-0.015313
2.14115	76.9617	86.6698	866.571	1021.22	16.2186	5.90156	43.2842	-0.014063
2.14215	77.235	86.6698	867.37	1022.04	16.6192	5.89969	44.0244	-0.011563
2.14315	76.9617	86.8066	867.484	1021.77	15.9007	5.89812	43.7777	-0.011563
2.14415	76.9617	86.8066	867.713	1021.5	15.7764	5.89969	43.7777	-0.012813
2.14515	76.825	86.6698	868.284	1021.77	15.5298	5.89437	43.7283	-0.013438
2.14615	77.235	86.6698	868.398	1022.04	15.5991	5.89469	44.1231	-0.012813
2.14715	76.9617	86.8066	868.627	1022.04	15.2526	5.89437	44.0737	-0.01125
2.14815	76.9617	86.8066	869.198	1022.59	15.3827	5.88969	43.8257	-0.0125
2.14915	77.0983	86.6698	869.083	1022.04	15.7051	5.88719	43.9751	-0.012813
2.15015	76.4151	87.2171	869.083	1021.5	15.648	5.88812	43.8257	-0.012188
2.15115	77.235	87.0803	867.941	1021.77	15.7907	5.88594	43.3829	-0.015313
2.15215	77.0983	86.8066	868.627	1022.04	16.2268	5.88812	43.5803	-0.012813
2.15316	77.235	86.6698	869.655	1022.59	16.1942	5.88844	43.679	-0.012813
2.15416	77.235	86.6698	870.226	1022.04	16.2879	5.88969	43.7777	-0.011563
2.15516	76.9617	86.8066	869.54	1022.86	16.5366	5.89313	43.4816	-0.013125

2.15616	77.6449	86.8066	869.312	1023	16.6099	5.88719	43.4323	-0.0125
2.15716	76.9617	87.0803	869.198	1023	16.3532	5.88719	43.3336	-0.013438
2.15816	77.5083	86.6698	868.855	1022.45	16.5589	5.88906	43.3829	-0.012188
2.15916	77.7816	87.2171	868.512	1023.14	16.7893	5.88844	43.3829	-0.010313
2.16016	76.9617	86.8066	867.941	1022.45	16.5325	5.88812	43.0868	-0.012813
2.16116	76.9617	86.2593	867.713	1022.59	16.7118	5.88781	43.3336	-0.012188
2.16216	76.9617	86.533	866.456	1021.77	16.6262	5.87031	42.9882	-0.012813
2.16316	76.9617	86.533	864.972	1022.59	16.5243	5.84531	43.0868	-0.014063
2.16416	77.235	86.8066	864.743	1023.27	16.5773	5.8275	43.7283	-0.012188
2.16516	76.825	86.8066	863.373	1021.77	16.3735	5.80813	43.7777	-0.011563
2.16616	76.4151	86.8066	862.459	1021.77	16.3002	5.85594	43.7283	-0.012813
2.16716	77.235	86.6698	861.545	1022.32	16.129	5.88969	43.9751	-0.012813
2.16816	76.9617	87.0803	860.86	1020.95	15.5909	5.87781	43.679	-0.011875
2.16916	76.825	86.8066	860.631	1022.32	15.0284	5.87969	44.2711	-0.0125
2.17016	77.235	86.8066	859.946	1020.68	15.0773	5.87656	44.3698	-0.012813
2.17116	77.235	86.8066	859.032	1022.32	15.3015	5.87719	44.6659	-0.012813
2.17216	76.9617	87.3539	858.804	1021.5	15.2322	5.87469	44.6659	-0.012813
2.17316	76.9617	86.6698	858.347	1020.13	15.3708	5.86969	44.6659	-0.013438
2.17416	76.6884	86.8066	858.461	1021.5	15.3871	5.87187	44.6633	-0.014063
2.17516	77.0983	87.0803	858.575	1022.32	15.489	5.87219	45.6034	-0.013125
2.17616	77.235	86.8066	858.804	1022.32	15.6725	5.86969	45.258	-0.0125
2.17716	77.5083	86.8066	858.69	1022.18	15.5176	5.87094	45.4554	-0.012188
2.17816	76.6884	87.2171	858.119	1021.77	15.5665	5.8675	45.1593	-0.013438
2.17916	77.235	86.8066	857.776	1021.5	15.648	5.87094	45.3074	-0.013125
2.18016	76.9617	86.9434	856.976	1022.32	15.5787	5.86844	45.3074	-0.013125
2.18116	76.9617	86.8066	856.063	1022.32	15.6154	5.86844	45.3567	-0.012813
2.18216	77.235	86.6698	855.149	1022.32	16.6032	5.86844	45.1593	-0.01375
2.18316	76.9617	87.3539	853.778	1022.04	15.432	5.86906	44.9126	-0.012188
2.18416	76.9617	86.8066	852.408	1020.41	15.383	5.86469	44.6659	-0.015
2.18516	76.9617	86.8066	851.494	1022.59	15.2322	5.86719	45.1593	-0.013125
2.18616	76.9617	86.1225	851.037	1022.59	15.2485	5.86719	45.5047	-0.012813
2.18716	76.5517	86.533	849.438	1022.45	15.1222	5.86719	44.6659	-0.014688
2.18816	76.9617	86.8066	847.268	1023	15.061	5.87094	44.6659	-0.012813
2.18916	77.235	86.8066	846.011	1023.14	14.8124	5.86844	44.9619	-0.014375
2.19016	76.6884	87.0803	843.613	1022.32	14.8854	5.86625	44.9126	-0.01375
2.19116	76.9617	86.8066	842.585	1022.32	14.5882	5.85594	44.7152	-0.013438
2.19216	77.0983	86.8066	840.757	1021.63	14.5597	5.82813	44.7646	-0.014063
2.19316	77.3716	86.533	839.615	1023.27	15.2975	5.80844	44.7646	-0.01125
2.19416	77.3716	87.2171	837.788	1021.36	15.1916	5.78844	45.11	-0.012813
2.19516	77.0983	86.8066	837.217	1022.18	14.9877	5.83687	44.9619	-0.011563
2.19616	76.825	86.8066	834.59	1020.95	15.379	5.87281	45.0113	-0.01375
2.19716	76.6884	86.8066	834.019	1021.5	15.5746	5.86938	45.6528	-0.012813
2.19816	77.3716	86.6698	832.762	1021.5	15.648	5.86344	45.1593	-0.013125
2.19916	77.5083	86.533	831.392	1021.63	15.9089	5.86156	45.3567	-0.014063
2.20016	76.6884	87.3539	830.706	1022.04	15.6195	5.86219	45.258	-0.012813
2.20116	76.9617	86.8066	829.564	1022.18	15.6273	5.85969	45.2087	-0.012813
2.20216	76.9617	86.8066	828.536	1022.04	15.6436	5.85906	45.3567	-0.01375
2.20316	77.5083	86.8066	827.051	1021.36	15.7458	5.85719	45.5541	-0.013438
2.20416	77.5083	86.8066	825.795	1021.5	15.9659	5.85469	45.5047	-0.011563

2.20516	77.235	86.533	824.31	1022.04	15.8314	5.85094	45.6528	-0.012813
2.20616	77.235	86.8066	824.082	1020.54	15.8763	5.85219	45.6528	-0.014063
2.20716	76.9617	86.6698	822.254	1021.5	15.8396	5.85375	45.7021	-0.014375
2.20816	77.235	86.8066	821.663	1021.5	15.485	5.85469	46.3929	-0.012188
2.20916	76.9617	87.0803	820.769	1021.91	15.6235	5.85313	46.0475	-0.013438
2.21016	77.235	86.6698	820.198	1021.22	15.4157	5.85469	46.1462	-0.011875
2.21116	77.3716	86.6698	819.066	1021.77	14.629	5.85469	45.8995	-0.013125
2.21216	76.9617	86.8066	817.686	1021.22	14.6491	5.85344	45.8502	-0.013438
2.21316	76.9617	86.8066	815.858	1020.95	14.5801	5.85344	46.0969	-0.0125
2.21416	76.5517	87.3539	814.944	1021.22	14.6697	5.85406	45.8995	-0.012813
2.21516	76.9617	86.6698	813.117	1022.18	14.6475	5.85594	46.0969	-0.0125
2.21616	77.0963	86.2593	811.746	1021.5	14.7839	5.85594	45.7021	-0.012813
2.21716	77.0963	86.533	810.376	1022.32	14.9795	5.85906	45.9962	-0.011563
2.21816	76.9617	86.8066	808.091	1020.95	14.7613	5.85906	45.8502	-0.015313
2.21916	77.5063	86.6698	807.52	1022.32	14.7431	5.85969	46.7384	-0.011875
2.22016	77.5063	86.8066	805.122	1022.04	15.0366	5.85219	46.1462	-0.015313
2.22116	77.235	86.8066	803.066	1022.32	15.0814	5.82969	46.3436	-0.013438
2.22216	76.9617	86.8066	801.695	1021.91	14.9714	5.80594	46.2449	-0.015313
2.22316	76.9617	87.0803	799.411	1020.95	14.9388	5.78469	46.6397	-0.014063
2.22416	76.9617	86.8066	797.469	1021.5	15.057	5.83969	46.4423	-0.014063
2.22516	76.9617	86.8066	796.441	1020.95	14.8572	5.86875	46.541	-0.012188
2.22616	76.9617	86.8066	794.613	1022.18	14.9551	5.85812	46.4916	-0.012813
2.22716	76.9617	86.9434	793.014	1020.82	14.9551	5.85969	46.541	-0.013438
2.22816	76.9617	86.8066	791.644	1020.95	14.7798	5.85719	46.6397	-0.011563
2.22916	77.235	86.8066	788.331	1020.13	14.6697	5.85344	46.4423	-0.014375
2.23016	77.235	86.6698	786.847	1020.68	14.6534	5.85406	47.1825	-0.0125
2.23116	77.235	86.8066	785.248	1020.95	14.4741	5.85469	46.837	-0.0125
2.23216	76.9617	86.533	784.582	1021.77	14.201	5.85656	46.7877	-0.013125
2.23316	76.9617	86.8066	783.42	1021.22	14.1602	5.84844	46.7877	-0.012188
2.23416	77.3716	86.8066	782.735	1020.95	14.2132	5.84719	46.837	-0.013438
2.23516	76.825	86.8066	781.707	1021.22	13.8301	5.84469	46.8864	-0.01375
2.23616	76.9617	87.0803	780.45	1021.91	13.6428	5.84469	47.0344	-0.012813
2.23716	77.235	86.6698	779.537	1022.59	13.7608	5.84406	47.1331	-0.013125
2.23816	77.235	86.8066	778.166	1021.22	13.7322	5.84562	47.0344	-0.015313
2.23916	77.5063	86.6698	777.481	1020.68	13.7975	5.84594	47.0344	-0.0125
2.24016	77.3716	86.8066	774.511	1020.95	14.4578	5.84594	47.0344	-0.012813
2.24116	77.3716	86.8066	774.054	1020.41	14.3763	5.84625	47.0344	-0.013125
2.24216	76.9617	86.533	772.455	1021.5	14.4741	5.84937	47.2318	-0.012813
2.24316	76.9617	86.6698	772.684	1020.95	14.6616	5.84969	47.1331	-0.013438
2.24416	76.825	87.0803	771.085	1021.77	14.6983	5.84969	47.0838	-0.013125
2.24516	76.9617	86.2593	770.742	1021.5	14.7613	5.84969	46.9357	-0.012813
2.24616	77.5063	86.8066	769.029	1020.82	14.8165	5.85094	46.837	-0.011563
2.24716	77.235	86.8066	767.201	1020.41	14.9062	5.84844	47.0838	-0.012813
2.24816	77.235	86.8066	765.831	1022.59	14.9265	5.85094	47.2811	-0.014063
2.24916	76.5517	87.0803	765.145	1021.36	14.9795	5.84656	47.2811	-0.012813
2.25016	76.9617	86.6698	764.688	1021.5	14.9225	5.82281	47.1825	-0.010313
2.25116	77.235	86.533	762.404	1021.63	14.9225	5.79969	47.2318	-0.013125
2.25216	77.235	86.533	761.833	1021.5	14.898	5.78094	47.5279	-0.014063
2.25316	76.9617	86.1225	761.033	1021.09	14.8328	5.81969	47.4786	-0.015313

2.25416	76.6884	86.8066	759.891	1021.5	14.8166	5.86656	47.5279	-0.014063
2.25516	77.235	86.2593	759.206	1021.36	14.7472	5.84344	47.7253	-0.013125
2.25616	77.5083	86.533	758.635	1021.36	14.4863	5.84844	47.5279	-0.012813
2.25716	77.235	86.3962	758.292	1021.22	14.038	5.84344	47.3798	-0.01375
2.25816	77.5083	86.8066	757.835	1022.18	14.0013	5.84406	47.3305	-0.01375
2.25916	77.235	86.8066	757.835	1022.59	13.8545	5.84281	47.4785	-0.012188
2.26016	77.5083	86.533	756.466	1020.95	13.9931	5.84437	47.8239	-0.012813
2.26116	76.9617	86.8066	758.178	1021.09	14.0746	5.83938	47.6759	-0.010313
2.26216	77.235	86.1225	757.036	1021.5	14.148	5.83906	47.6266	-0.014375
2.26316	77.3716	86.8066	756.465	1021.09	14.2132	5.83844	48.0707	-0.012813
2.26416	77.6449	86.533	755.894	1021.22	14.2866	5.83656	48.12	-0.012813
2.26516	77.0983	86.6698	756.35	1021.77	14.311	5.83562	48.0707	-0.012188
2.26616	77.0983	86.6698	756.807	1021.91	14.36	5.83969	48.0213	-0.010938
2.26716	77.235	86.6698	756.323	1022.04	14.3926	5.83781	47.8239	-0.012188
2.26816	77.235	86.8066	755.894	1021.77	14.3844	5.83656	47.8239	-0.01375
2.26916	76.9617	86.8066	756.008	1022.04	14.3763	5.83719	47.8239	-0.014375
2.27016	77.3716	86.8066	756.35	1023.14	14.3885	5.83781	47.6266	-0.012188
2.27116	77.3716	86.8066	756.35	1020.95	14.3763	5.83656	47.8239	-0.014063
2.27216	77.5083	86.6698	755.551	1021.77	14.36	5.83781	47.7253	-0.012188
2.27316	76.6884	87.0803	755.323	1021.09	14.3029	5.83906	47.4292	-0.013438
2.27416	77.235	86.8066	756.466	1022.32	14.2825	5.84312	47.6759	-0.01125
2.27516	77.5083	86.6698	755.094	1021.09	14.2051	5.83906	47.3305	-0.014063
2.27616	76.5517	86.8066	755.437	1021.91	14.1928	5.83906	47.3305	-0.014688
2.27716	76.6884	86.8066	755.323	1022.04	14.146	5.83969	47.1331	-0.01375
2.27816	76.9617	87.0803	754.637	1021.5	13.9442	5.83125	47.1331	-0.013125
2.27916	77.235	86.6698	755.094	1022.04	13.9524	5.80969	46.837	-0.0125
2.28016	76.9617	87.2171	754.637	1022.04	13.8219	5.76687	46.837	-0.013125
2.28116	77.235	86.8066	755.551	1022.32	13.8915	5.76781	46.9357	-0.012813
2.28216	77.235	86.8066	754.866	1021.09	13.5937	5.76969	46.9357	-0.012188
2.28316	76.9617	86.8066	756.236	1021.77	13.5611	5.84562	46.837	-0.010313
2.28416	76.6884	86.8066	755.094	1021.5	13.4306	5.83156	46.9357	-0.014063
2.28516	76.9617	87.3539	755.779	1021.77	13.4062	5.83531	47.2318	-0.012813
2.28616	77.7816	86.533	756.008	1021.77	13.8426	5.83312	47.2318	-0.013125
2.28716	77.5083	86.8066	756.465	1022.32	13.9236	5.8325	47.3305	-0.013438
2.28816	76.9617	86.8066	756.465	1022.59	13.8341	5.83344	47.4785	-0.013438
2.28916	76.9617	86.6698	756.922	1022.32	14.0885	5.82969	47.6759	-0.011875
2.29016	77.235	86.8066	757.835	1022.04	14.1154	5.82844	47.5279	-0.012813
2.29116	77.5083	86.8066	758.749	1021.5	14.1358	5.82781	47.4292	-0.013125
2.29217	77.3716	87.0803	759.206	1023.55	14.2866	5.82781	47.7253	-0.011875
2.29317	77.235	87.0803	760.12	1021.91	14.2947	5.82437	47.6266	-0.012813
2.29417	77.7816	86.533	761.49	1021.77	14.2866	5.82406	47.7253	-0.00875
2.29517	77.3716	86.533	762.861	1021.5	14.3437	5.82469	47.6759	-0.012813
2.29617	77.235	87.0803	763.775	1022.59	14.417	5.82781	47.8239	-0.012188
2.29717	77.3716	87.3539	764.574	1022.59	14.3763	5.82469	47.7253	-0.014063
2.29817	76.9617	86.533	765.802	1022.04	14.2703	5.82719	47.8239	-0.012188
2.29917	77.235	87.3539	766.059	1023.41	14.3029	5.82656	47.8226	-0.013125
2.30017	76.9617	86.8066	766.859	1022.45	14.2947	5.82406	48.0213	-0.012813
2.30117	77.0983	86.2593	768.572	1023.14	14.1725	5.82562	47.8239	-0.012813
2.30217	76.9617	86.9434	768.572	1021.91	14.0339	5.82694	47.7746	-0.014063

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2.30317	77.7816	86.533	769.714	1022.59	14.0298	5.82844	47.4292	-0.014063
2.30417	76.9617	86.6698	770.513	1021.77	13.6385	5.82719	47.8239	-0.013438
2.30517	77.3716	87.0803	771.998	1022.59	13.3491	5.82906	47.7253	-0.010938
2.30617	76.9617	87.3539	772.884	1021.77	13.2146	5.83125	47.6759	-0.014063
2.30717	77.0983	86.6698	774.511	1022.04	13.2268	5.83344	47.4785	-0.013125
2.30817	77.6449	86.8066	776.11	1022.32	13.4306	5.81969	47.4785	-0.011875
2.30917	77.235	86.2593	776.91	1022.59	13.4306	5.79469	47.2318	-0.011563
2.31017	77.5083	86.6698	778.395	1023.14	13.5855	5.77969	47.0838	-0.014375
2.31117	76.825	87.0803	778.623	1023.41	13.7669	5.75594	46.7384	-0.013438
2.31217	76.6684	87.0803	779.879	1022.59	13.7363	5.79781	46.837	-0.012813
2.31317	77.235	87.4908	780.793	1022.59	13.7486	5.83938	46.7877	-0.012188
2.31417	77.0983	86.533	782.049	1024.64	14.0176	5.82594	46.7384	-0.011563
2.31517	77.235	86.2593	782.506	1023.41	14.0094	5.83094	46.1462	-0.011875
2.31617	77.235	86.8066	782.735	1022.59	13.7649	5.82906	46.3436	-0.011563
2.31717	77.6449	86.6698	784.105	1023.14	13.985	5.82844	46.0969	-0.012813
2.31817	77.235	86.8066	783.534	1022.04	14.0787	5.82312	46.2943	-0.014688
2.31917	76.6684	86.8066	784.791	1022.59	13.8464	5.82156	46.2449	-0.014063
2.32017	77.235	86.8066	785.362	1022.59	13.9624	5.82188	46.1956	-0.014375
2.32117	77.235	86.533	785.704	1023.14	14.0339	5.82219	46.3436	-0.014063
2.32217	77.235	87.0803	786.618	1022.59	13.7893	5.81719	46.2449	-0.012813
2.32317	77.3716	86.8066	787.989	1023	13.8423	5.81625	46.3436	-0.013438
2.32417	76.9617	86.8066	787.989	1023.14	13.9442	5.81656	46.837	-0.012813
2.32517	77.0983	86.8066	789.359	1023.68	13.7037	5.81406	46.7384	-0.012813
2.32617	76.9617	86.6698	790.273	1022.04	13.5629	5.81719	47.1331	-0.013438
2.32717	76.9617	86.1225	791.872	1022.45	13.6752	5.81844	46.9357	-0.011563
2.32817	76.9617	87.0803	792.443	1022.59	13.4877	5.81812	46.9357	-0.014063
2.32917	76.9617	87.4908	794.042	1023.14	13.2717	5.81719	46.9357	-0.014688
2.33017	76.9617	86.8066	795.984	1022.59	13.3409	5.81969	47.3798	-0.0125
2.33117	77.7816	86.533	797.583	1021.91	13.2594	5.82219	46.9357	-0.011875
2.33217	77.3716	86.2593	799.753	1022.45	12.8518	5.82469	46.837	-0.012813
2.33317	76.5517	87.0803	801.923	1023.68	12.9619	5.82125	47.0838	-0.011875
2.33417	77.7816	86.6698	803.522	1023.41	13.1697	5.82312	47.0838	-0.014063
2.33517	76.9617	86.9434	805.464	1023.68	13.1371	5.82344	46.9357	-0.014688
2.33617	77.235	86.8066	806.835	1024.5	13.1534	5.82406	47.2811	-0.010625
2.33717	77.235	86.8066	807.634	1022.59	13.4838	5.81906	47.2811	-0.013125
2.33817	77.0983	86.3962	809.462	1023.68	13.4306	5.80969	47.1825	-0.013438
2.33917	76.9617	87.0803	810.604	1023	13.3246	5.78469	46.9357	-0.014063
2.34017	76.9617	86.6698	810.832	1022.32	13.6607	5.76469	47.0344	-0.013438
2.34117	77.235	86.2593	812.546	1022.59	13.7078	5.75187	46.7384	-0.013438
2.34217	77.235	86.8066	814.031	1022.59	13.557	5.81594	46.6397	-0.013438
2.34317	76.9617	86.8066	816.086	1022.59	13.6263	5.82469	46.541	-0.012188
2.34417	77.235	87.2171	816.315	1023.14	13.7486	5.81562	45.7515	-0.012813
2.34517	77.235	86.8066	817.914	1023.14	13.663	5.81844	45.8008	-0.013438
2.34617	77.235	86.533	818.485	1023	13.6263	5.81969	45.7021	-0.012813
2.34717	77.0983	86.6698	818.599	1024.09	13.6915	5.81531	45.5047	-0.013125
2.34817	76.4151	86.6698	818.599	1022.59	13.6385	5.81469	45.3567	-0.012813
2.34917	77.5083	86.533	820.427	1024.23	13.5814	5.81812	45.3567	-0.012188
2.35017	77.0983	87.0803	820.427	1023.68	13.5284	5.81094	44.7646	-0.015313
2.35117	77.3716	86.8066	822.254	1024.5	13.4306	5.80969	45.3074	-0.014063

2.35217	76.9617	86.8066	822.94	1024.09	13.2676	5.80937	45.5541	-0.013438
2.35317	76.6884	87.0803	824.082	1024.09	13.2594	5.80844	45.1593	-0.014375
2.35417	77.3716	86.6698	825.681	1023.68	13.2146	5.80969	45.258	-0.014063
2.35517	77.235	86.8066	825.909	1023.14	13.023	5.80969	45.2087	-0.012813
2.35617	77.235	86.8066	827.622	1023.14	12.5991	5.80906	45.0806	-0.0125
2.35717	76.9617	87.3539	829.107	1023.68	12.5746	5.81031	45.1593	-0.012813
2.35817	76.825	87.0803	829.564	1023.14	12.6602	5.80969	45.258	-0.01375
2.35917	76.9617	86.8066	830.706	1023.68	12.3953	5.81063	45.3567	-0.011875
2.36017	77.235	86.6698	831.848	1022.69	12.5176	5.81219	45.6502	-0.012188
2.36117	77.235	87.0803	832.762	1022.32	12.7132	5.81375	45.6502	-0.01375
2.36217	76.9617	86.9434	832.991	1023.14	12.6765	5.81469	46.2449	-0.015313
2.36317	77.5083	86.6698	834.59	1023.41	12.7377	5.81906	46.1462	-0.013125
2.36417	76.9617	86.533	835.389	1022.59	12.86	5.81938	46.2449	-0.012813
2.36517	77.0983	86.8066	836.76	1024.23	12.9089	5.82594	45.9488	-0.012188
2.36617	76.9617	87.2171	836.874	1023.96	12.8437	5.82281	46.1956	-0.0125
2.36717	77.3716	86.8066	838.702	1023.41	12.9089	5.6225	46.2449	-0.011563
2.36817	77.6449	86.533	839.844	1023.41	12.9415	5.80625	45.8008	-0.01375
2.36917	77.235	86.8066	840.757	1023.41	12.9252	5.76219	46.0475	-0.015313
2.37017	77.0983	86.8066	842.357	1023.96	12.9496	5.76469	45.8995	-0.014063
2.37117	77.235	86.6698	842.585	1022.59	12.8681	5.76312	45.9488	-0.013125
2.37217	77.3716	86.2593	843.956	1022.59	12.86	5.82469	45.3567	-0.015313
2.37317	76.9617	87.2171	845.098	1023.41	12.913	5.81938	46.7515	-0.01375
2.37417	77.3716	86.8066	846.925	1024.23	12.8151	5.82344	46.0475	-0.013125
2.37517	77.3716	86.533	847.268	1023.96	12.8111	5.81906	45.3567	-0.012188
2.37617	77.5083	86.8066	847.839	1023.82	12.8111	5.81938	46.5047	-0.012813
2.37717	76.9617	86.8066	849.685	1023.55	12.701	5.81594	46.0806	-0.013125
2.37817	77.235	86.8066	850.352	1024.37	12.7418	5.81469	46.0113	-0.014688
2.37917	76.9617	87.2171	851.037	1024.09	12.6154	5.81469	44.7646	-0.014375
2.38017	77.3716	86.6698	852.179	1024.23	12.485	5.81219	44.3205	-0.013125
2.38117	76.9617	86.8066	852.179	1025.05	12.5339	5.81375	44.2711	-0.011563
2.38217	76.4151	86.6698	852.75	1023.96	12.2567	5.81406	44.3205	-0.011563
2.38317	77.3716	86.2593	852.522	1023.14	12.0448	5.80719	43.3829	-0.013438
2.38417	76.825	86.6698	852.408	1022.86	12.2689	5.80875	43.7777	-0.013125
2.38517	77.235	86.6698	852.408	1023.68	12.4524	5.80937	44.0737	-0.012813
2.38617	76.9617	86.8066	852.408	1024.64	12.3382	5.81219	43.679	-0.014063
2.38717	76.825	86.8066	851.837	1024.78	12.5176	5.81469	43.9257	-0.013438
2.38817	76.9617	87.0803	851.494	1024.37	12.648	5.81219	43.531	-0.014063
2.38917	77.235	86.6698	851.037	1023.14	12.5865	5.81562	43.679	-0.012813
2.39017	77.3716	86.8066	851.951	1024.64	12.6969	5.81531	43.7777	-0.012813
2.39117	76.9617	86.8066	851.266	1024.23	12.6559	5.81219	43.6296	-0.0125
2.39217	76.825	87.0803	852.522	1023.68	12.7703	5.81656	43.9257	-0.01375
2.39317	76.9617	86.6698	852.979	1023.14	12.8518	5.81594	43.679	-0.014375
2.39417	77.5083	86.6698	853.664	1021.77	12.8763	5.81406	43.1855	-0.014375
2.39517	76.825	86.8066	854.235	1023.55	12.7703	5.81406	43.9257	-0.014375
2.39617	77.235	86.8066	856.405	1023.68	12.9048	5.81761	44.2711	-0.01375
2.39717	76.825	86.6698	856.748	1023.55	12.9619	5.80813	44.3698	-0.012813
2.39817	76.9617	87.2171	857.433	1023.68	12.7784	5.78156	44.3205	-0.011875
2.39917	77.235	87.3539	858.804	1024.09	12.7868	5.76219	44.5178	-0.013438
2.40017	77.235	87.3539	859.261	1023.41	12.7907	5.74469	44.4685	-0.012188

2.40117	76.9617	87.2171	859.946	1023.55	12.8763	5.76969	44.3698	-0.013125
2.40217	77.235	86.2593	860.403	1023.14	12.754	5.82719	44.4192	-0.013438
2.40317	77.235	86.2593	860.631	1023.68	12.5706	5.80969	44.1724	-0.014063
2.40417	76.9617	86.2593	860.631	1023.41	12.6868	5.81375	44.1724	-0.011563
2.40517	77.235	86.9434	860.517	1022.18	12.485	5.80719	43.1362	-0.015313
2.40617	76.9617	86.8066	860.517	1023.41	12.2567	5.80969	43.7777	-0.013438
2.40717	76.9617	87.2171	861.774	1023.68	12.3342	5.81156	43.7777	-0.013125
2.40817	77.235	86.2593	862.459	1023.68	12.3831	5.80906	43.2349	-0.01125
2.40917	76.9617	86.8066	863.373	1024.23	12.0611	5.81094	42.7908	-0.014063
2.41017	77.235	86.533	864.286	1024.78	11.9958	5.80844	43.1855	-0.01376
2.41117	77.235	85.9857	864.743	1024.23	11.9306	5.80469	42.9882	-0.014063
2.41217	76.9617	86.8066	864.972	1024.5	11.6861	5.80594	42.7908	-0.012188
2.41317	77.5083	86.8066	865.2	1025.6	11.5719	5.80469	42.3467	-0.013125
2.41417	77.3716	87.3539	864.972	1023.68	11.6208	5.80719	42.6921	-0.010938
2.41517	76.6884	86.6698	864.972	1024.23	11.6857	5.80719	42.2973	-0.0125
2.41617	77.235	86.9434	864.743	1022.32	11.6535	5.80594	42.2973	-0.010938
2.41717	77.235	86.533	864.515	1023.68	11.7105	5.80531	42.1	-0.013125
2.41817	77.5083	86.8066	864.857	1024.23	11.7839	5.80719	42.5934	-0.012813
2.41917	77.235	86.8066	864.972	1024.09	11.735	5.80656	42.0506	-0.014063
2.42017	77.5083	86.8066	864.286	1024.23	11.898	5.80969	42.0013	-0.012813
2.42117	76.9617	87.3539	864.058	1024.5	12.0448	5.80875	41.7052	-0.013125
2.42217	77.235	86.8066	863.715	1024.64	11.8491	5.81094	41.7052	-0.011875
2.42317	76.825	86.8066	863.829	1024.5	11.9062	5.80687	41.9026	-0.013438
2.42417	77.0983	86.8066	863.601	1023.82	12.0692	5.80719	42.0013	-0.012813
2.42517	76.6884	86.8066	863.373	1024.78	11.9143	5.80844	42.0013	-0.013125
2.42617	76.6884	86.6698	863.144	1023.14	11.7757	5.80906	42.1988	-0.012813
2.42717	77.3716	86.8066	862.916	1023.68	11.9225	5.79781	42.3467	-0.012813
2.42817	77.235	87.0803	862.459	1022.59	11.9469	5.77187	42.6934	-0.013438
2.42917	77.0983	86.8066	862.916	1022.04	11.7839	5.75125	42.8401	-0.013438
2.43017	76.9617	86.533	863.373	1022.59	11.8939	5.73469	42.396	-0.01375
2.43118	76.9617	86.9434	864.286	1023	11.8654	5.75437	42.5934	-0.012813
2.43218	76.9617	86.8066	864.743	1023.14	11.7105	5.81469	42.4454	-0.011875
2.43318	76.9617	86.533	866.114	1023.96	11.6983	5.79719	42.1493	-0.010938
2.43418	77.3716	86.8066	867.37	1023	11.6779	5.80094	41.9519	-0.010938
2.43518	76.9617	86.8066	868.17	1023.14	11.5923	5.79781	42.1986	-0.014063
2.43618	77.0983	86.6698	868.398	1023.68	11.523	5.79844	41.9026	-0.014063
2.43718	77.0983	86.8066	869.769	1023.68	11.4293	5.79781	41.9026	-0.014063
2.43818	77.3716	86.8066	870.683	1024.5	11.38	5.79625	41.7052	-0.010938
2.43918	76.9617	86.8066	869.769	1024.23	11.4048	5.79469	41.6065	-0.014375
2.44018	76.9617	86.8066	869.769	1024.23	11.5719	5.79656	42.0506	-0.012813
2.44118	76.9617	86.8066	869.312	1023.96	11.6494	5.79594	41.6065	-0.014063
2.44218	76.9617	86.8066	867.941	1023.68	11.735	5.79656	41.2117	-0.013125
2.44318	76.825	87.0803	868.17	1023.68	11.841	5.79406	41.1131	-0.013438
2.44418	76.6884	86.533	868.398	1023.68	11.9021	5.79406	41.0144	-0.013438
2.44518	77.235	86.8066	868.741	1023.96	12.0498	5.79656	40.817	-0.014063
2.44618	77.7816	86.6698	868.284	1023.96	12.0448	5.79469	40.817	-0.013125
2.44718	77.235	86.8066	868.284	1024.78	12.0733	5.79656	40.3729	-0.011875
2.44818	77.3716	86.8066	868.627	1023.27	12.1426	5.79719	40.4222	-0.011563
2.44918	77.235	87.3539	869.083	1023.41	12.2323	5.79656	40.3729	-0.011563

2.45018	76.9617	86.6698	867.941	1024.5	12.2241	5.79594	39.9781	-0.01375
2.45118	77.235	86.533	868.398	1024.78	12.2404	5.79719	40.3235	-0.015313
2.45218	77.0983	86.6698	867.256	1024.5	12.3056	5.79844	39.9288	-0.013438
2.45318	76.9617	86.8066	867.028	1024.23	12.2975	5.80219	40.2249	-0.012188
2.45418	77.0983	86.8066	866.571	1023.41	12.2404	5.80312	39.9781	-0.015313
2.45518	77.235	86.8066	867.028	1023.55	12.2486	5.80719	39.7808	-0.012813
2.45618	77.5083	86.8066	866.571	1023.41	12.2849	5.80781	40.0275	-0.014375
2.45718	77.5083	86.8066	865.2	1021.91	12.1385	5.80531	40.1262	-0.013125
2.45818	76.9617	86.8066	866.114	1022.59	12.1222	5.78813	40.1262	-0.014063
2.45918	77.235	86.1225	866.114	1022.59	12.11	5.78563	40.4222	-0.014375
2.46018	76.9617	86.8066	867.256	1022.59	11.9388	5.74594	40.4716	-0.010313
2.46118	76.5517	86.8066	866.799	1021.77	11.8899	5.74469	40.1262	-0.015313
2.46218	76.825	86.8066	868.627	1023	11.9143	5.81656	40.4222	-0.014063
2.46318	77.3716	86.6698	869.54	1023.14	11.6661	5.80594	40.7183	-0.011563
2.46418	76.6864	86.533	869.789	1023.14	11.5842	5.80844	40.3729	-0.012813
2.46518	76.9617	86.533	869.789	1023.41	11.6575	5.80594	40.3235	-0.010313
2.46618	76.9617	86.533	869.665	1023	11.4333	5.80344	40.0275	-0.014063
2.46718	77.235	86.2593	869.428	1022.59	11.3192	5.79969	40.0275	-0.012813
2.46818	76.9617	86.8066	869.54	1023.14	11.3559	5.79906	39.9288	-0.014063
2.46918	77.3716	86.8066	869.083	1023.96	11.0176	5.79969	39.7808	-0.01375
2.47018	77.5083	86.8066	869.198	1022.18	10.9605	5.79531	39.7808	-0.012813
2.47118	77.0983	86.1225	868.969	1022.32	11.0584	5.79406	39.4353	-0.011875
2.47218	76.9617	86.1225	867.256	1022.59	10.9809	5.79406	39.4353	-0.012188
2.47318	77.0983	86.8066	867.941	1022.86	11.0666	5.79469	39.7314	-0.012813
2.47418	76.9617	86.8066	867.256	1022.59	11.2744	5.79594	39.4353	-0.011875
2.47518	77.235	86.8066	867.627	1023	11.201	5.79531	39.0406	-0.011563
2.47618	77.3716	86.8066	867.028	1022.04	11.1725	5.79906	39.0406	-0.013438
2.47718	77.3716	86.8066	866	1022.32	11.3559	5.79781	38.9419	-0.011563
2.47818	76.9617	86.3962	865.885	1022.59	11.2581	5.79969	38.7445	-0.015313
2.47918	77.235	87.0803	864.972	1021.91	11.3111	5.80094	38.8432	-0.01125
2.48018	77.235	87.2171	864.172	1022.59	11.36	5.80344	38.6456	-0.012188
2.48118	77.235	86.8066	863.601	1020.95	11.4069	5.80594	38.6456	-0.010938
2.48218	77.3716	86.8066	864.286	1020.27	11.3192	5.80469	38.5965	-0.009063
2.48318	77.235	87.2171	862.345	1020.41	11.3681	5.80719	38.4484	-0.013125
2.48418	76.9617	86.6698	862.459	1020.13	11.36	5.80719	38.4978	-0.015313
2.48518	76.5517	86.8066	862.23	1019.59	11.2948	5.80594	38.7445	-0.012813
2.48618	77.0983	87.0803	861.317	1019.86	11.2986	5.80656	38.4978	-0.014375
2.48718	76.9617	86.6698	861.317	1019.31	11.3274	5.80594	38.5471	-0.013125
2.48818	76.9617	87.2171	860.631	1019.31	11.1562	5.78469	38.4484	-0.012813
2.48918	76.9617	86.8066	861.431	1019.31	11.2458	5.78281	38.6458	-0.015313
2.49018	77.235	86.8066	860.974	1019.04	11.1808	5.74469	38.7939	-0.014063
2.49118	77.235	86.8066	862.002	1020.13	10.9442	5.75219	38.6456	-0.013438
2.49218	77.235	86.8066	862.459	1018.22	11.0257	5.81469	38.9912	-0.012813
2.49318	76.825	87.0803	863.715	1017.95	10.932	5.79906	38.5965	-0.011563
2.49418	77.235	86.8066	862.345	1017.4	10.7649	5.80406	38.4978	-0.012813
2.49518	76.9617	86.8066	862.916	1017.26	10.7893	5.80406	39.0406	-0.012188
2.49618	77.0983	86.8066	863.258	1016.99	10.6366	5.80219	38.7445	-0.011875
2.49718	77.0983	87.2171	862.459	1017.13	10.5855	5.80219	38.6952	-0.011875
2.49818	77.235	86.9434	862.916	1016.44	10.7037	5.80219	38.6952	-0.012813

2.49918	76.5517	86.8066	863.144	1015.49	10.6752	5.79969	38.7939	-0.012188
2.50018	76.9617	86.8066	863.144	1015.08	10.8382	5.79694	38.4484	-0.012188
2.50118	77.5083	86.8066	862.459	1014.67	10.8749	5.79844	38.2511	-0.01375
2.50218	77.235	86.8066	863.03	1014.94	10.8545	5.79531	38.2017	-0.012813
2.50318	76.9617	86.8066	863.144	1013.85	11.0991	5.79344	38.3004	-0.013125
2.50418	76.9617	86.6698	863.373	1013.44	11.0624	5.79219	38.4484	-0.010313
2.50518	76.6884	86.6698	862.23	1013.3	11.1154	5.79531	38.2511	-0.014375
2.50618	76.4151	86.8066	862.345	1012.48	11.2948	5.79688	38.3498	-0.012813
2.50718	77.3716	86.533	862.916	1011.94	11.2785	5.79719	38.2017	-0.013438
2.50818	77.235	86.8066	862.23	1011.68	11.2622	5.79719	38.0043	-0.014063
2.50918	77.235	87.0803	862.916	1011.25	11.3926	5.79875	38.0537	-0.014063
2.51018	77.5083	86.6698	862.916	1010.43	11.3926	5.79688	37.8563	-0.012188
2.51118	77.5083	86.8066	863.601	1010.03	11.4089	5.80094	37.8563	-0.012813
2.51218	76.4151	86.6698	862.459	1009.48	11.4578	5.79781	37.8563	-0.013438
2.51318	77.5083	86.6698	862.002	1010.16	11.4333	5.79969	38.0637	-0.012188
2.51418	77.235	86.8066	861.545	1008.11	11.3681	5.79969	38.2017	-0.012188
2.51518	76.825	86.8066	861.774	1007.84	11.4252	5.79938	38.103	-0.010625
2.51618	76.9617	86.8066	860.174	1007.29	11.4578	5.80219	37.955	-0.014063
2.51718	77.0983	86.6698	860.631	1006.61	11.4048	5.79469	38.4484	-0.014375
2.51818	77.3716	86.8066	859.261	1005.65	11.36	5.78813	37.8563	-0.014063
2.51918	76.9617	86.8066	860.289	1004.97	11.3437	5.74969	37.955	-0.013438
2.52018	77.5083	86.6698	859.718	1004.97	11.4089	5.73219	38.1524	-0.012813
2.52118	76.9617	87.0803	859.803	1005.11	11.2744	5.7375	37.8563	-0.012813
2.52218	77.235	86.3962	858.804	1004.02	11.1969	5.80969	38.0043	-0.01375
2.52318	76.4151	86.8066	858.461	1003.88	11.2132	5.79562	37.955	-0.013125
2.52418	76.9617	86.8066	857.89	1005.11	11.0991	5.79969	38.2511	-0.012188
2.52518	76.825	86.8066	857.662	1002.85	11.0257	5.79781	38.3498	-0.014063
2.52618	77.3716	86.6698	857.319	1002.1	10.9075	5.79719	38.3498	-0.013438
2.52718	77.6449	86.8066	856.976	1001.28	10.4632	5.79906	38.4484	-0.012813
2.52818	76.9617	87.2171	856.177	1000.05	10.4306	5.79938	38.3991	-0.014688
2.52918	77.7816	86.8066	856.063	999.645	10.3673	5.79781	38.3991	-0.011563
2.53018	76.6884	86.3962	857.319	999.918	10.235	5.79906	38.2511	-0.014063
2.53118	76.825	87.0803	857.205	998.825	10.3654	5.79844	38.2511	-0.011563
2.53218	77.0983	86.8066	856.976	997.733	10.4673	5.79594	38.2511	-0.0125
2.53318	77.235	86.533	856.976	996.142	10.3573	5.79312	37.8563	-0.010938
2.53418	77.235	86.8066	856.291	997.46	10.4632	5.79094	37.7576	-0.012188
2.53518	76.9617	86.8066	856.063	996.367	10.6834	5.79562	38.0537	-0.012813
2.53618	76.6884	86.8066	854.92	996.913	10.5692	5.79281	37.4122	-0.013438
2.53718	76.4151	86.6698	854.578	995.821	10.5448	5.79406	37.7576	-0.009063
2.53818	76.9617	86.8066	853.893	994.865	10.5488	5.79312	37.4615	-0.0125
2.53918	77.5083	86.8066	852.866	994.182	10.6018	5.79406	37.4122	-0.014063
2.54018	76.9617	87.0803	852.866	993.499	10.7119	5.79469	37.5602	-0.013438
2.54118	77.235	86.533	852.408	992.269	10.6426	5.79781	37.2642	-0.013125
2.54218	76.9617	86.6698	851.951	991.313	10.6589	5.80281	37.1161	-0.013438
2.54318	77.3716	86.8066	851.494	991.313	10.6915	5.79969	37.0668	-0.013438
2.54418	77.235	87.3539	851.037	989.811	10.5488	5.80187	37.0668	-0.011875
2.54518	76.9617	86.8066	850.466	989.538	10.5733	5.80469	36.8694	-0.014375
2.54618	77.235	86.8066	849.666	990.63	10.5774	5.80719	36.8694	-0.012813
2.54718	77.3716	86.8066	848.296	988.718	10.5162	5.79688	36.8694	-0.012188

2.54818	77.3716	86.2593	846.354	987.626	10.5815	5.77125	37.0174	-0.009686
2.54918	77.235	86.8066	845.783	986.943	10.4225	5.75437	36.672	-0.012813
2.55018	76.9617	86.8066	843.727	986.943	10.3084	5.73562	36.9881	-0.014063
2.55118	77.235	86.6698	843.042	987.079	10.4062	5.75531	37.4615	-0.012813
2.55218	76.9617	86.8066	841.443	986.26	10.235	5.81906	37.0668	-0.01376
2.55318	77.3716	86.8066	841.443	985.987	10.1657	5.80406	37.4615	-0.012813
2.55418	76.9617	87.3539	840.529	985.85	10.182	5.80656	37.4615	-0.011875
2.55518	77.235	86.8066	839.158	984.621	10.0556	5.80219	37.6096	-0.012813
2.55618	77.235	87.6276	840.072	983.665	9.96781	5.80281	37.4122	-0.012813
2.55718	76.825	86.8066	839.387	983.665	9.82739	5.79969	37.6589	-0.012188
2.55818	77.235	86.8066	839.273	982.709	9.7907	5.79844	37.807	-0.014688
2.55918	76.4151	86.6698	839.501	982.572	9.83553	5.79719	38.0043	-0.010938
2.56018	76.6884	86.8066	838.702	981.07	9.66028	5.79406	37.6096	-0.014063
2.56118	76.6884	86.533	839.387	981.479	9.62983	5.79594	37.8563	-0.012813
2.56218	77.3716	86.1225	839.387	980.933	9.67657	5.79281	37.7576	-0.012813
2.56318	76.9617	86.533	839.044	981.07	9.67249	5.79437	37.7576	-0.012813
2.56418	77.0983	86.8066	837.559	979.704	9.83553	5.79656	37.6589	-0.011563
2.56518	76.9617	86.533	837.559	978.884	9.86814	5.79094	37.4122	-0.012188
2.56618	76.825	86.8066	836.76	978.338	9.96597	5.79406	37.1655	-0.013438
2.56718	77.3716	86.533	835.96	977.109	9.98635	5.79187	37.2642	-0.013438
2.56818	76.5517	86.6698	835.047	975.88	10.0149	5.79094	36.672	-0.014063
2.56918	76.9617	86.8066	833.676	974.514	10.1209	5.79469	36.672	-0.012813
2.57019	77.5093	86.8066	833.219	973.421	10.1494	5.79562	36.4253	-0.014375
2.57119	76.9617	86.8066	831.62	972.192	10.1494	5.79344	35.8825	-0.014375
2.57219	77.235	86.8066	831.392	972.876	10.2961	5.79719	36.376	-0.014063
2.57319	77.235	86.6698	830.249	972.602	10.235	5.80219	36.1786	-0.013438
2.57419	77.235	86.8066	828.193	972.326	10.2798	5.8025	35.9812	-0.014688
2.57519	76.5517	86.8066	826.823	972.326	10.4551	5.80437	35.9812	-0.013438
2.57619	77.3716	86.8066	824.082	970.143	10.3002	5.80156	35.8825	-0.012188
2.57719	76.9617	86.8066	823.853	970.963	10.2554	5.79594	35.8825	-0.012813
2.57819	77.3716	86.8066	822.14	969.87	10.5366	5.77156	35.8825	-0.012813
2.57919	76.9617	86.8066	820.769	969.05	10.3899	5.75062	36.1292	-0.011563
2.58019	76.9617	87.3539	820.198	967.958	10.2921	5.73219	36.0799	-0.010625
2.58119	77.0983	86.6698	818.599	966.319	10.4632	5.76719	36.1786	-0.011563
2.58219	76.9617	86.3962	817.686	964.407	10.3206	5.81219	35.8825	-0.014688
2.58319	77.0983	86.2593	817.343	964.68	10.2757	5.79656	36.4253	-0.012813
2.58419	76.9617	86.8066	817.914	965.09	10.3817	5.80156	36.7214	-0.012813
2.58519	76.825	86.8066	817	965.499	10.2187	5.79969	36.4747	-0.014063
2.58619	76.9617	87.2171	816.086	965.773	10.1575	5.80281	36.2773	-0.013125
2.58719	76.9617	86.8066	815.858	965.499	10.2594	5.79656	36.672	-0.012813
2.58819	76.9617	86.8066	815.401	965.226	10.1209	5.79469	36.7707	-0.014063
2.58919	76.9617	86.8066	815.173	964.133	10.0312	5.79469	37.0668	-0.013125
2.59019	77.0983	86.8066	814.944	963.587	10.0312	5.79281	36.7707	-0.015313
2.59119	76.9617	87.0803	814.83	962.358	9.44423	5.78844	36.9881	-0.011563
2.59219	77.235	86.6698	814.602	960.719	9.46869	5.78969	36.9881	-0.013438
2.59319	76.9617	86.8066	814.031	959.217	9.6032	5.78875	36.4747	-0.012813
2.59419	77.235	86.8066	813.916	958.943	9.44831	5.79094	36.6227	-0.013438
2.59519	77.0983	86.8066	813.686	958.534	9.22412	5.79187	36.9881	-0.011563
2.59619	77.3716	87.0803	812.888	958.397	9.41162	5.79375	36.4253	-0.013438

2.59719	77.5083	86.8066	812.203	958.124	9.37494	5.79812	36.0799	-0.012813
2.59819	76.9617	87.2171	810.49	957.031	9.35456	5.79406	36.0799	-0.012188
2.59919	77.3716	86.8066	809.005	955.939	9.50945	5.79625	36.0306	-0.011563
2.60019	77.3716	86.533	808.32	956.895	9.5176	5.79688	35.6851	-0.012813
2.60119	76.9617	86.8066	806.721	955.802	9.42793	5.79719	35.7838	-0.012188
2.60219	77.5083	86.2593	806.149	955.392	9.55021	5.79969	35.4384	-0.012188
2.60319	77.3716	87.0803	804.779	954.573	9.62765	5.80156	35.4384	-0.012813
2.60419	76.9617	86.6698	803.066	952.114	9.44423	5.79969	34.8958	-0.01375
2.60519	76.9617	86.8066	802.038	953.207	9.54813	5.80406	35.241	-0.014375
2.60619	76.9617	86.8066	801.238	951.976	9.70918	5.80344	35.6851	-0.012813
2.60719	77.235	86.3962	799.639	951.295	9.55021	5.79719	35.1423	-0.014063
2.60819	76.9617	86.8066	798.268	950.339	9.5176	5.77469	35.3891	-0.015313
2.60919	76.9617	86.6698	796.441	949.383	9.62358	5.75219	35.093	-0.013438
2.61019	76.825	86.2593	794.728	949.109	9.58651	5.73781	35.2904	-0.012813
2.61119	76.9617	86.8066	793.471	948.836	9.46869	5.79187	35.0437	-0.012813
2.61219	77.3716	86.6698	791.872	948.563	9.5013	5.80969	35.241	-0.014063
2.61319	77.0963	86.8066	790.159	948.29	9.50945	5.79969	35.3891	-0.012813
2.61419	76.4151	86.9434	789.017	947.061	9.38717	5.80281	35.2904	-0.011563
2.61519	76.9617	86.8066	787.76	945.558	9.30564	5.79906	35.1917	-0.013125
2.61619	77.5083	86.8066	786.161	947.061	9.37494	5.80156	35.6851	-0.015938
2.61719	77.235	86.8066	785.704	946.651	9.30564	5.80219	36.0799	-0.012813
2.61819	77.235	86.8066	784.791	945.558	9.23228	5.80094	35.6851	-0.014688
2.61919	76.9617	86.8066	785.476	946.105	9.25673	5.80219	36.2773	-0.013438
2.62019	76.9617	86.6698	784.334	945.149	9.19151	5.79969	36.2773	-0.014375
2.62119	77.3716	86.8066	784.334	943.919	9.1263	5.80156	36.1786	-0.013125
2.62219	76.9617	87.2171	782.963	942.554	9.04665	5.79844	36.2773	-0.013125
2.62319	77.0963	86.8066	783.192	942.627	8.99586	5.79844	36.376	-0.012813
2.62419	76.6684	86.6698	782.735	942.554	8.94268	5.79656	36.2773	-0.013438
2.62519	77.235	87.0803	782.049	941.461	8.88969	5.79969	35.8625	-0.012813
2.62619	77.235	86.8066	781.364	940.095	8.80021	5.79844	36.1917	-0.015313
2.62719	76.9617	86.8066	780.793	940.505	8.78391	5.79969	35.5371	-0.014688
2.62819	77.3716	86.8066	780.222	940.368	8.735	5.80219	35.8625	-0.01375
2.62919	77.235	86.8066	779.537	939.549	8.68201	5.80281	35.4384	-0.013125
2.63019	77.3716	86.8066	778.395	938.729	8.64532	5.80344	35.4384	-0.011875
2.63119	77.235	86.8066	778.395	938.456	8.58418	5.80219	35.093	-0.01125
2.63219	77.0963	86.533	776.339	937.91	8.53527	5.80156	35.241	-0.011875
2.63319	76.9617	86.9434	774.74	937.09	8.50674	5.80187	35.0437	-0.011563
2.63419	76.9617	86.8066	773.712	936.817	8.58011	5.80187	34.8958	-0.013125
2.63519	77.3716	86.8066	772.912	936.407	8.55973	5.80469	34.9943	-0.013438
2.63619	77.5083	86.6698	771.085	934.632	8.58826	5.79562	34.6982	-0.012813
2.63719	77.235	86.8066	771.541	934.632	8.92249	5.78844	34.6982	-0.009063
2.63819	76.9617	86.2593	768.8	933.812	8.86543	5.74969	34.3035	-0.015313
2.63919	76.5517	86.8066	768.115	933.949	8.93065	5.73469	34.945	-0.012188
2.64019	76.9617	86.8066	766.287	933.676	8.9551	5.75469	34.6982	-0.013438
2.64119	77.5083	87.2171	765.145	933.266	9.02847	5.81969	34.8463	-0.012813
2.64219	77.3716	86.8066	762.861	932.993	9.03255	5.80344	34.5009	-0.012188
2.64319	77.5083	86.8066	761.947	931.9	9.06108	5.80719	34.8956	-0.014688
2.64419	76.9617	86.6698	761.719	931.354	9.10999	5.80281	34.6489	-0.012188
2.64519	76.9617	86.8066	761.604	930.807	9.08146	5.80344	34.9943	-0.012813

2.64619	77.3716	86.8066	760.577	931.217	9.06108	5.80312	35.2904	-0.012813
2.64719	77.3716	86.8066	759.549	930.261	9.07738	5.80156	35.3891	-0.012188
2.64819	76.9617	86.8066	759.777	929.032	9.04478	5.79812	35.1917	-0.013125
2.64919	77.0983	87.0803	759.549	929.678	9.07738	5.79969	35.6851	-0.013438
2.65019	77.235	86.8066	758.963	929.032	9.08554	5.80187	36.0306	-0.014375
2.65119	77.0983	87.0803	758.521	928.622	9.09369	5.79625	35.4678	-0.011875
2.65219	77.235	86.9434	758.292	928.076	9.07738	5.79812	35.5665	-0.014063
2.65319	76.9617	86.8066	758.635	927.256	9.07738	5.79562	35.6358	-0.013438
2.65419	77.0983	86.8066	758.178	926.847	9.07331	5.79812	35.5665	-0.011563
2.65519	77.5083	86.8066	757.95	926.437	8.99586	5.79469	35.4384	-0.013438
2.65619	77.5083	86.8066	757.15	925.617	9.00402	5.79594	35.3891	-0.014688
2.65719	76.825	86.8066	756.922	925.617	8.98771	5.79844	35.2904	-0.014688
2.65819	76.9617	86.8066	756.922	924.661	8.9551	5.79844	35.093	-0.013438
2.65919	77.235	86.8066	757.15	924.252	8.88989	5.79781	35.1917	-0.011563
2.66019	77.0983	86.2593	755.551	922.476	8.8532	5.79969	35.0437	-0.015313
2.66119	76.825	86.8066	756.465	921.793	8.87766	5.80531	35.2904	-0.01375
2.66219	77.235	86.1225	755.323	922.066	8.85728	5.80406	34.8982	-0.014375
2.66319	77.3716	87.0803	754.18	920.154	8.81852	5.80856	34.6489	-0.01375
2.66419	77.5083	86.6698	754.409	920.427	8.65755	5.80813	34.4022	-0.011563
2.66519	76.9617	86.8066	753.952	920.974	8.44152	5.80781	34.4515	-0.01375
2.66619	77.235	86.2593	753.152	919.744	8.49451	5.78844	34.3035	-0.012813
2.66719	76.9617	86.8066	752.81	919.881	8.45375	5.76719	34.3035	-0.013125
2.66819	76.9617	87.3539	751.325	919.881	8.47005	5.74719	34.1061	-0.012188
2.66919	76.4151	86.8066	751.211	917.696	8.27033	5.73344	33.9087	-0.013125
2.67019	77.3716	86.8066	750.754	918.515	8.3763	5.80094	34.1061	-0.01125
2.67119	77.3716	86.8066	749.155	917.559	8.42522	5.81094	33.8087	-0.015313
2.67219	77.5083	86.8066	748.926	915.647	8.46598	5.80594	34.4022	-0.014063
2.67319	76.9617	86.2593	748.013	915.51	8.42929	5.80406	34.2048	-0.014375
2.67419	76.9617	86.8066	747.784	914.964	8.49043	5.80719	34.1061	-0.014063
2.67519	76.9617	86.8066	747.099	913.871	8.51896	5.80469	34.1061	-0.014063
2.67619	77.235	86.8066	746.967	913.052	8.53935	5.80344	34.1061	-0.012188
2.67719	77.5083	87.0803	746.299	913.871	8.53935	5.79969	33.81	-0.013125
2.67819	76.9617	86.533	745.5	914.144	8.53527	5.80281	34.1061	-0.014063
2.67919	77.235	87.0803	746.388	914.964	8.53935	5.79969	34.2048	-0.013438
2.68019	76.6884	87.0803	745.5	913.325	8.49858	5.79719	34.2048	-0.012188
2.68119	76.9617	86.8066	746.842	913.325	8.53119	5.79594	34.0568	-0.011563
2.68219	77.0983	86.8066	744.7	912.915	8.46598	5.79562	34.5009	-0.013438
2.68319	76.825	86.8066	744.816	912.232	8.51081	5.79594	34.7476	-0.012813
2.68419	76.9617	86.8066	744.129	911.413	8.50674	5.79875	34.7476	-0.012813
2.68519	76.9617	87.6276	745.043	910.047	8.41299	5.79875	34.8463	-0.012813
2.68619	76.6884	86.8066	745.271	909.501	8.36815	5.80219	34.7969	-0.014688
2.68719	76.4151	86.8066	745.271	909.501	8.40891	5.80094	34.5009	-0.01125
2.68819	76.9617	86.8066	746.071	908.681	8.40891	5.80469	34.4515	-0.01375
2.68919	76.9617	86.6698	745.5	908.681	8.36	5.80719	34.5009	-0.013438
2.69019	77.235	86.533	744.472	908.408	8.31924	5.80719	34.5009	-0.014688
2.69119	77.235	87.0803	744.586	907.042	8.31924	5.80469	34.6489	-0.014063
2.69219	77.235	86.2593	745.5	907.862	8.32739	5.80906	34.5009	-0.009063
2.69319	76.9617	86.6698	745.842	906.632	8.28626	5.81063	34.1061	-0.01375
2.69419	77.3716	86.1225	745.5	906.632	8.27848	5.81312	34.3035	-0.013438

2.69519	76.9617	87.0803	745.5	905.95	8.2581	5.79969	34.5996	-0.012813
2.69619	76.9617	86.8066	746.414	905.13	8.24587	5.77969	34.0568	-0.013125
2.69719	77.235	86.6698	746.299	904.037	8.17658	5.75812	34.2048	-0.010313
2.69819	76.6884	86.533	746.5	904.584	8.14397	5.73969	34.0568	-0.01375
2.69919	77.235	86.1225	745.386	903.354	8.14804	5.78969	33.7607	-0.011563
2.70019	76.9617	86.8066	745.386	902.262	8.11544	5.81625	33.6127	-0.013438
2.70119	77.235	86.533	744.586	903.081	8.09098	5.80687	33.6127	-0.010938
2.70219	77.235	86.8066	744.358	901.715	8.03391	5.80844	33.514	-0.013125
2.70319	76.9617	87.2171	744.815	901.579	7.9687	5.80719	33.2673	-0.010313
2.70419	76.9617	86.8066	743.215	901.306	7.92386	5.80687	33.4646	-0.013438
2.70519	77.235	87.0803	743.672	901.579	7.85049	5.80594	33.514	-0.013125
2.70619	77.7816	86.8066	743.215	900.759	7.82196	5.80531	33.6127	-0.014375
2.70719	77.5083	86.8066	742.53	899.667	7.84234	5.80437	33.514	-0.013125
2.70819	77.7816	86.8066	742.987	899.12	7.75267	5.80594	33.1686	-0.013438
2.7092	77.0983	86.533	743.672	898.438	7.67522	5.80187	33.514	-0.013438
2.7102	77.0983	87.6276	742.759	897.481	7.65484	5.80219	33.514	-0.012188
2.7112	77.0983	86.533	743.215	897.345	7.56924	5.80219	33.514	-0.01125
2.7122	77.235	87.0803	743.558	898.574	7.52848	5.80094	33.514	-0.012813
2.7132	76.9617	86.9434	743.672	898.662	7.5774	5.80344	33.514	-0.012813
2.7142	77.3716	86.8066	744.358	897.206	7.54886	5.80469	33.514	-0.009375
2.7152	77.235	86.2593	744.129	895.842	7.52848	5.80437	33.7114	-0.013438
2.7162	76.9617	87.2171	744.129	895.842	7.65892	5.80625	34.0568	-0.011563
2.7172	77.0983	86.6698	744.586	895.569	7.78527	5.80969	33.9087	-0.012813
2.7182	76.9617	87.2171	744.929	895.023	7.76674	5.81063	34.1555	-0.012813
2.7192	77.5083	86.8066	745.271	894.886	7.77305	5.80687	34.0074	-0.012813
2.7202	76.9617	86.6698	745.5	894.613	7.7812	5.80906	33.9581	-0.0125
2.7212	77.7816	86.6698	745.957	893.111	7.85457	5.81156	34.0074	-0.012813
2.7222	76.9617	86.8066	747.784	893.657	7.86272	5.81094	33.9087	-0.013438
2.7232	77.235	86.8066	747.327	893.657	7.85457	5.80969	34.0568	-0.013438
2.7242	77.3716	86.8066	747.099	891.472	7.87087	5.80469	33.9087	-0.014063
2.7252	76.4151	86.533	749.155	891.472	7.91163	5.77969	33.9581	-0.009375
2.7262	77.7816	87.0803	748.812	890.652	7.93201	5.75969	33.81	-0.013438
2.7272	77.235	86.8066	750.068	890.379	7.94016	5.74625	33.81	-0.013438
2.7282	77.3716	86.3962	750.754	890.243	7.95239	5.79406	33.8594	-0.012188
2.7292	77.5083	86.8066	750.868	889.286	8.00638	5.81969	33.514	-0.011875
2.7302	77.5083	86.8066	751.439	890.106	7.9687	5.80969	33.6127	-0.013438
2.7312	76.825	86.6698	750.982	888.604	8.00131	5.8125	33.2673	-0.013125
2.7322	77.3716	86.8066	751.668	887.921	8.02984	5.81281	33.2179	-0.012188
2.7332	77.5083	86.2593	751.553	888.057	7.95239	5.80969	33.2179	-0.013438
2.7342	76.9617	86.8066	751.211	888.194	7.97686	5.80906	33.1192	-0.012188
2.7352	77.0983	87.3539	751.325	886.282	7.986	5.80906	33.0205	-0.014688
2.7362	76.9617	86.8066	751.782	885.482	7.96055	5.80781	32.8232	-0.012188
2.7372	76.6884	86.8066	751.896	886.008	7.92386	5.80469	33.0205	-0.013438
2.7382	76.9617	87.0803	751.439	885.735	7.93201	5.80437	32.9218	-0.014063
2.7392	76.9617	87.0803	751.668	885.599	7.88718	5.79969	32.8725	-0.013438
2.7402	76.825	86.3962	751.439	885.326	7.82196	5.80281	33.1192	-0.01375
2.7412	77.235	87.0803	751.439	884.916	7.80565	5.80344	33.0205	-0.012813
2.7422	77.3716	86.1225	751.896	884.096	7.76897	5.80344	33.1192	-0.0125
2.7432	76.9617	87.0803	752.353	883.823	7.77712	5.80469	33.0205	-0.01375

2.7442	76.9617	87.3539	753.267	882.321	7.65076	5.80219	33.3166	-0.013125
2.7452	77.0983	86.8066	753.723	882.321	7.62223	5.80406	33.514	-0.012813
2.7462	76.6884	87.0803	754.409	882.048	7.54479	5.80469	33.4153	-0.014063
2.7472	76.9617	86.533	756.008	882.457	7.48365	5.80644	33.514	-0.009063
2.7482	77.235	86.8066	755.665	882.048	7.21055	5.80644	33.6127	-0.011875
2.7492	77.5083	86.533	756.465	881.228	7.21055	5.81063	33.514	-0.011563
2.7502	76.6884	86.8066	756.807	881.092	7.21055	5.81156	33.9087	-0.012188
2.7512	77.0983	86.8066	757.607	881.365	7.18609	5.81031	33.7114	-0.012813
2.7522	77.235	86.8066	758.064	880.545	7.14941	5.81344	33.8594	-0.012813
2.7532	77.235	86.3962	758.292	879.862	6.97414	5.79688	33.7607	-0.013125
2.7542	76.9617	86.8066	759.777	879.453	7.12903	5.77469	33.8594	-0.012813
2.7552	76.6884	86.8066	760.12	878.633	7.09642	5.75469	33.662	-0.012188
2.7562	77.235	86.2593	760.12	879.453	7.12088	5.73937	33.5633	-0.014375
2.7572	77.235	87.0803	761.262	877.677	7.15349	5.78594	33.3659	-0.013438
2.7582	77.5083	86.8066	761.604	877.677	7.15349	5.81969	33.514	-0.0125
2.7592	77.235	86.9434	762.176	876.721	7.19017	5.81094	33.3659	-0.013438
2.7602	77.0983	86.8066	761.947	876.448	7.22685	5.81156	33.4153	-0.014063
2.7612	76.6884	87.0803	762.861	876.175	7.23501	5.81219	33.4646	-0.012188
2.7622	77.5083	86.8066	763.775	876.175	7.26354	5.81281	33.1192	-0.013438
2.7632	76.825	86.8066	764.232	875.082	7.27577	5.81312	33.2179	-0.013438
2.7642	77.235	86.8066	764.232	873.989	7.286	5.80781	33.2673	-0.013125
2.7652	76.9617	86.6698	764.46	874.945	7.35729	5.80806	33.2179	-0.012188
2.7662	77.6449	86.8066	765.374	873.443	7.31853	5.80594	32.7245	-0.012813
2.7672	76.9617	86.6698	764.917	873.033	7.33283	5.80594	32.7245	-0.010938
2.7682	77.235	86.2593	765.031	872.35	7.32468	5.80344	32.7245	-0.012813
2.7692	77.235	86.8066	766.516	872.35	7.33691	5.80469	32.7245	-0.010313
2.7702	77.235	86.6698	765.602	871.804	7.33283	5.80719	32.6258	-0.013438
2.7712	76.9617	86.8066	765.602	871.804	7.36544	5.80531	32.7245	-0.012813
2.7722	76.9617	87.2171	766.516	870.984	7.34506	5.80469	32.9216	-0.014063
2.7732	77.3716	86.3962	767.315	871.667	7.30022	5.80781	32.7245	-0.014063
2.7742	77.3716	86.533	768.115	871.531	7.30022	5.81312	33.0205	-0.012813
2.7752	76.9617	86.8066	767.886	870.675	7.30022	5.80969	33.0205	-0.012813
2.7762	77.0983	86.6698	768.343	870.438	7.28392	5.81187	32.7245	-0.013438
2.7772	77.235	86.6698	769.257	869.619	7.23501	5.81281	32.6258	-0.012813
2.7782	77.235	86.8066	768.8	870.165	7.23501	5.81406	33.1192	-0.013438
2.7792	77.5083	86.8066	769.257	869.072	7.16979	5.81375	33.0699	-0.013125
2.7802	77.7816	86.533	769.267	867.98	7.14533	5.81437	33.0699	-0.010938
2.7812	77.235	86.8066	770.97	868.526	7.14126	5.81406	33.3166	-0.012813
2.7822	77.0983	86.8066	771.085	868.799	7.15756	5.79781	33.514	-0.012813
2.7832	77.3716	86.8066	770.97	867.843	7.10457	5.77281	33.2179	-0.012813
2.7842	77.7816	86.6698	772.455	867.16	7.0312	5.75656	33.2673	-0.013438
2.7852	77.235	86.1225	773.141	866.887	7.07196	5.74187	33.3166	-0.012188
2.7862	76.9617	86.8066	774.283	866.204	7.01062	5.80406	33.4153	-0.012188
2.7872	77.3716	86.533	775.196	864.975	6.95378	5.81812	33.4153	-0.013438
2.7882	76.9617	86.8066	776.11	866.614	6.9293	5.81312	33.2673	-0.013438
2.7892	77.235	86.533	776.567	864.702	6.91707	5.81375	33.2179	-0.014063
2.7902	77.3716	86.1225	777.481	865.248	6.88447	5.81406	33.3166	-0.01375
2.7912	77.235	86.8066	778.395	864.702	6.85186	5.81344	33.1192	-0.010313
2.7922	76.9617	86.8066	778.395	862.653	6.81925	5.80844	32.6751	-0.015313

2.7932	76.9617	86.8066	779.308	862.653	6.81517	5.80781	32.7245	-0.013125
2.7942	77.235	86.8066	780.679	862.79	6.76218	5.80844	33.1686	-0.013438
2.7952	76.9617	87.3539	780.565	862.38	6.74588	5.80844	32.7245	-0.014063
2.7962	77.0983	86.6698	781.364	861.97	6.72142	5.80906	32.7245	-0.014688
2.7972	76.825	86.6698	782.049	861.424	6.69289	5.80625	32.6258	-0.013125
2.7982	76.9617	86.2593	781.136	861.424	6.72142	5.80625	32.5271	-0.011875
2.7992	77.0983	86.6698	782.049	860.877	6.66843	5.80625	32.4284	-0.011563
2.8002	77.5083	86.6698	782.278	860.604	6.59507	5.80687	32.3297	-0.013125
2.8012	77.0983	87.0803	782.049	860.604	6.47986	5.80687	32.3297	-0.013438
2.8022	77.235	87.0803	782.049	859.375	6.53392	5.80906	32.5271	-0.010938
2.8032	76.9617	86.6698	783.534	858.692	6.50539	5.80719	31.9843	-0.013438
2.8042	77.5083	86.2593	782.963	858.692	6.46056	5.80844	32.6258	-0.012813
2.8052	77.3716	86.9434	784.562	858.692	6.53392	5.81125	32.5764	-0.013125
2.8062	76.6884	87.0803	784.334	858.146	6.54615	5.81219	32.2804	-0.0125
2.8072	76.9617	86.2593	785.59	858.692	6.46871	5.81656	32.4284	-0.013438
2.8082	77.235	86.8066	786.618	858.419	6.50539	5.81687	32.6258	-0.012813
2.8092	77.7816	86.8066	786.161	857.598	6.55838	5.81812	32.5271	-0.011563
2.8102	76.9617	86.8066	786.161	858.419	6.52985	5.81781	32.7245	-0.012813
2.8112	77.3716	86.8066	786.618	858.146	6.50132	5.70906	32.7245	-0.013438
2.8122	76.9617	86.8066	787.189	857.873	6.51762	5.77719	33.1192	-0.013125
2.8132	76.9617	86.8066	787.532	857.053	6.54208	5.75719	33.1192	-0.011563
2.8142	76.4151	86.8066	787.532	855.414	6.46056	5.75156	32.6751	-0.01375
2.8152	76.9617	86.8066	788.674	856.607	6.50947	5.82781	33.1686	-0.014375
2.8162	76.9617	86.533	790.273	855.687	6.51762	5.81969	33.8127	-0.010313
2.8172	77.8449	86.533	790.273	854.968	6.48909	5.81938	33.0205	-0.013438
2.8182	76.9617	87.0803	791.872	855.824	6.48501	5.81969	33.2179	-0.012813
2.8192	76.5517	86.533	792.558	855.824	6.49724	5.81687	33.3659	-0.01375
2.8202	76.9617	86.9434	792.558	855.687	6.54815	5.81281	33.1686	-0.013438
2.8212	76.6884	86.8066	793.928	855.687	6.49316	5.81219	33.2673	-0.014688
2.8222	77.7816	86.6698	794.842	853.775	6.46871	5.81344	33.1192	-0.012813
2.8232	77.5083	86.2593	796.441	855.278	6.46463	5.81219	32.9216	-0.014375
2.8242	77.235	87.2171	796.669	853.229	6.48094	5.80969	32.9218	-0.012813
2.8252	77.235	86.8066	797.583	851.317	6.4361	5.80406	32.3297	-0.014375
2.8262	77.0983	86.8066	798.04	852.409	6.46871	5.80844	32.8232	-0.012813
2.8272	77.5083	86.8066	798.84	852.956	6.46056	5.80656	33.1192	-0.012813
2.8282	77.5083	86.2593	798.84	853.092	6.46056	5.80781	32.4777	-0.015313
2.8292	76.9617	87.0803	799.182	852.682	6.49316	5.81156	32.6751	-0.014063
2.8302	77.235	86.8066	799.867	852.136	6.44425	5.81094	32.3297	-0.013438
2.8312	77.3716	86.6698	799.296	851.863	6.42795	5.80969	32.231	-0.012188
2.8322	76.9617	86.6698	799.753	851.317	6.43202	5.81187	32.3297	-0.012813
2.8332	77.235	86.8066	799.982	851.043	6.41979	5.81562	32.083	-0.012813
2.8342	76.9617	87.3539	800.21	850.224	6.37086	5.81469	32.4284	-0.012813
2.8352	77.235	86.8066	800.324	850.497	6.3505	5.81562	31.8856	-0.012188
2.8362	77.5083	87.3539	800.324	849.404	6.28528	5.81719	31.8363	-0.014688
2.8372	77.235	86.2593	801.467	849.951	6.29751	5.82219	32.1323	-0.014688
2.8382	77.235	86.9434	801.923	849.951	6.28936	5.82062	32.7245	-0.013125
2.8392	77.5083	86.8066	801.809	849.951	6.24452	5.81406	32.1817	-0.01375
2.8402	77.235	86.2593	802.152	849.951	6.16338	5.79469	32.4284	-0.014688
2.8412	77.0983	86.8066	802.152	849.951	6.16708	5.77281	32.4777	-0.013125

2.8422	76.9617	87.3539	803.066	849.404	6.12632	5.75719	32.3297	-0.01375
2.8432	77.6449	86.533	803.522	849.268	6.08148	5.79344	32.6258	-0.012813
2.8442	77.235	87.3539	804.436	849.131	6.02849	5.83281	32.6258	-0.014063
2.8452	77.235	86.8066	805.578	849.268	5.9755	5.81969	32.7245	-0.013438
2.8462	76.9617	86.8066	805.807	848.722	5.94697	5.82469	32.7245	-0.014063
2.8472	77.5083	86.6698	805.807	847.629	5.8573	5.81906	32.4777	-0.014688
2.84821	77.5083	86.6698	806.606	848.175	5.87768	5.81781	33.0699	-0.012188
2.84921	76.9617	86.533	806.949	848.312	5.83284	5.81969	33.4153	-0.012813
2.85021	77.5083	86.8066	808.091	848.039	5.78393	5.81969	33.3166	-0.013438
2.85121	77.235	86.6698	808.891	848.175	5.76762	5.81969	33.4646	-0.012188
2.85221	77.7816	86.6698	809.119	847.356	5.67795	5.81437	33.0699	-0.011563
2.85321	76.825	86.8066	810.604	847.629	5.53937	5.81406	33.0699	-0.013438
2.85421	77.235	86.8066	810.604	847.219	5.57605	5.81187	33.0699	-0.013438
2.85521	77.0983	86.8066	811.289	846.946	5.56975	5.81219	33.0205	-0.013438
2.85621	77.5083	86.8066	811.289	845.444	5.53937	5.81531	32.8258	-0.012188
2.85721	77.5083	86.533	811.518	845.58	5.4966	5.81719	32.7245	-0.012813
2.85821	77.0983	86.533	812.431	845.58	5.4966	5.81594	32.5764	-0.011563
2.85921	77.235	87.0803	811.289	844.897	5.51491	5.81562	32.379	-0.013438
2.86021	77.3716	86.2593	812.431	844.761	5.50268	5.81719	32.9218	-0.012813
2.86121	76.6884	86.8066	813.574	845.307	5.57197	5.81969	32.379	-0.01375
2.86221	77.3716	86.8066	814.716	844.351	5.56382	5.81969	32.4777	-0.014375
2.86321	76.9617	87.0803	814.602	844.488	5.56382	5.81781	32.083	-0.014063
2.86421	77.3716	87.0803	815.287	844.488	5.5842	5.82219	32.231	-0.01375
2.86521	77.235	86.2593	815.173	843.668	5.59235	5.82094	31.9349	-0.010313
2.86621	77.235	86.3962	815.858	843.941	5.5679	5.82219	31.9349	-0.014375
2.86721	77.6449	86.8066	815.744	845.717	5.5842	5.81562	31.9349	-0.014063
2.86821	77.3716	86.8066	815.858	843.395	5.62089	5.79094	31.8363	-0.015313
2.86921	77.235	86.9434	815.858	842.849	5.59643	5.76844	31.5895	-0.014688
2.87021	76.9617	87.0803	816.658	843.122	5.60061	5.75219	31.8363	-0.012813
2.87121	76.6884	86.6698	817	843.122	5.58013	5.74719	32.231	-0.012813
2.87221	77.6449	86.8066	817.686	843.395	5.57197	5.82094	31.9349	-0.012188
2.87321	77.3716	86.533	818.142	843.941	5.58013	5.81719	32.379	-0.013438
2.87421	77.235	86.8066	818.257	843.395	5.53121	5.81656	32.1617	-0.013438
2.87521	76.9617	86.8066	819.399	843.805	5.53121	5.81531	32.379	-0.013438
2.87621	76.9617	86.6698	818.599	843.395	5.53121	5.81531	32.4284	-0.012188
2.87721	77.0983	86.8066	818.485	843.395	5.47007	5.81219	32.7245	-0.0125
2.87821	77.235	86.6698	819.284	843.805	5.466	5.81375	32.7245	-0.012813
2.87921	76.9617	86.8066	819.284	842.302	5.44154	5.81156	32.9218	-0.011875
2.88021	77.235	86.3962	820.427	842.302	5.43339	5.81344	32.8725	-0.010313
2.88121	76.9617	86.8066	819.513	841.21	5.40893	5.81094	32.6751	-0.012813
2.88221	77.235	87.2171	820.313	842.029	5.40486	5.80969	33.3659	-0.011563
2.88321	77.5083	86.6698	821.34	841.21	5.3967	5.80906	32.9218	-0.011563
2.88421	76.6884	87.0803	821.911	842.029	5.39263	5.81344	33.0205	-0.011563
2.88521	77.3716	86.533	822.254	842.302	5.38448	5.81219	32.9218	-0.015313
2.88621	77.3716	87.0803	822.483	841.21	5.36002	5.81031	33.3166	-0.013438
2.88721	77.5083	86.1225	823.625	841.483	5.35187	5.81063	32.7245	-0.014688
2.88821	76.9617	86.9434	823.739	840.39	5.35594	5.81187	32.8725	-0.013125
2.88921	76.9617	86.9434	824.424	841.756	5.36002	5.81281	32.4284	-0.012813
2.89021	76.4151	86.533	825.452	839.024	5.38855	5.81281	32.4284	-0.013125

2.89121	77.0983	86.8066	827.394	839.024	5.37225	5.81562	32.379	-0.011563
2.89221	76.9617	86.8066	827.28	839.024	5.33964	5.81719	31.9349	-0.014063
2.89321	77.235	86.6698	827.394	839.024	5.33566	5.81938	32.7245	-0.013438
2.89421	76.9617	86.8066	827.28	839.844	5.32741	5.82094	32.2804	-0.013438
2.89521	77.3716	86.8066	827.737	839.024	5.30703	5.82219	32.0336	-0.0125
2.89621	77.0983	87.0803	827.985	839.707	5.31926	5.81469	31.7869	-0.01375
2.89721	77.235	86.533	828.193	839.024	5.29888	5.78969	31.7869	-0.011875
2.89821	76.9617	86.8066	828.65	839.024	5.24589	5.77156	31.8363	-0.012188
2.89921	77.3716	86.8066	827.166	839.024	5.22958	5.75187	31.7376	-0.012188
2.90021	77.235	87.0803	827.737	839.024	5.22551	5.77531	31.7869	-0.01125
2.90121	76.9617	86.8066	826.623	838.888	5.17262	5.83281	31.7376	-0.013438
2.90221	77.6449	86.533	828.422	838.751	5.16029	5.81656	31.9349	-0.009688
2.90321	76.9617	86.8066	826.252	838.615	5.1073	5.82125	31.5402	-0.013438
2.90421	77.3716	86.8066	827.28	839.024	5.091	5.81906	31.9349	-0.012813
2.90521	77.5083	86.2593	826.823	838.478	5.01763	5.81844	32.1323	-0.012188
2.90621	77.235	86.8066	826.366	838.205	5.00133	5.81719	31.7376	-0.014063
2.90721	76.825	86.6698	828.079	838.751	5.02576	5.81906	32.0336	-0.013438
2.90821	77.5083	86.8066	827.985	838.751	4.93203	5.81594	32.3297	-0.013125
2.90921	77.235	86.8066	828.536	838.888	4.92796	5.81469	32.4284	-0.012813
2.91021	77.3716	86.2593	829.336	838.478	4.9035	5.81344	32.4284	-0.0125
2.91121	77.235	86.8066	829.564	839.98	4.84644	5.81063	32.6751	-0.013438
2.91221	77.235	87.0803	829.564	837.522	4.83421	5.81156	32.7245	-0.013125
2.91321	77.3716	86.8066	830.935	837.932	4.80975	5.81375	32.6751	-0.011563
2.91421	76.6884	87.0803	830.82	836.702	4.74046	5.81156	32.3297	-0.013438
2.91521	77.3716	86.8066	831.277	837.112	4.68339	5.81469	33.1192	-0.010938
2.91621	77.3716	87.0803	832.306	837.385	4.70377	5.81594	33.0699	-0.011563
2.91721	77.235	86.8066	832.077	837.385	4.65894	5.81562	32.6258	-0.012813
2.91821	77.3716	86.8066	832.534	836.568	4.67116	5.81562	32.7245	-0.012813
2.91921	76.9617	86.8066	833.219	836.568	4.68339	5.81812	32.6751	-0.013438
2.92021	76.6884	86.8066	833.904	836.019	4.65486	5.82219	32.1323	-0.013438
2.92121	77.235	86.533	834.133	836.019	4.68301	5.82219	32.379	-0.014063
2.92221	77.3716	86.2593	834.133	835.746	4.65486	5.82219	32.4284	-0.013438
2.92321	77.3716	86.8066	834.818	834.854	4.67524	5.82687	32.2804	-0.012188
2.92421	77.5083	86.8066	836.189	835.473	4.70785	5.82469	31.9349	-0.010938
2.92521	77.5083	86.3962	834.704	834.38	4.6997	5.80906	31.8363	-0.013438
2.92621	77.5083	86.2593	834.59	834.854	4.72008	5.78469	31.8856	-0.012188
2.92721	76.6884	86.8066	835.732	834.854	4.72416	5.76781	31.8363	-0.011563
2.92821	78.0549	86.533	835.503	834.38	4.72415	5.75656	31.4908	-0.014063
2.92921	77.235	86.8066	835.96	834.38	4.73638	5.82844	31.7869	-0.0125
2.93021	76.9617	86.9434	835.732	834.854	4.716	5.82719	31.4908	-0.012813
2.93121	78.0549	86.6698	835.732	833.971	4.75676	5.82562	31.3922	-0.010938
2.93221	77.235	86.533	835.389	833.834	4.716	5.82406	31.3428	-0.014063
2.93321	77.5083	86.533	835.503	834.38	4.68747	5.82219	31.2441	-0.012813
2.93421	76.9617	87.2171	835.389	834.107	4.68747	5.81906	31.3428	-0.012188
2.93521	76.9617	86.9434	836.874	834.107	4.69155	5.81781	31.6389	-0.010938
2.93621	77.5083	86.533	835.389	833.288	4.66709	5.81781	31.2935	-0.015938
2.93721	76.9617	86.533	835.503	833.561	4.68709	5.81844	31.7869	-0.014688
2.93821	77.5083	87.0803	835.732	833.561	4.65894	5.81406	31.3428	-0.012813
2.93921	76.9617	86.8066	835.96	834.517	4.6304	5.80969	31.5402	-0.012188

2.94021	77.7816	86.533	835.047	833.834	4.62633	5.80969	31.5402	-0.013125
2.94121	77.5083	86.6698	835.047	833.971	4.6141	5.80937	31.7376	-0.013438
2.94221	77.3716	86.9434	835.503	834.244	4.57742	5.80969	31.6369	-0.012813
2.94321	77.235	86.8066	835.047	833.834	4.54481	5.81094	31.9349	-0.012813
2.94421	77.5083	86.6698	836.531	834.517	4.56111	5.80969	32.0336	-0.012813
2.94521	77.3716	87.4908	835.96	833.015	4.54888	5.81406	31.9349	-0.013438
2.94621	77.235	86.8066	836.874	832.468	4.50405	5.81781	32.231	-0.011563
2.94721	77.5083	86.9434	836.874	832.468	4.50812	5.81906	32.0336	-0.011563
2.94821	76.9617	87.3539	837.331	832.468	4.49182	5.81906	31.9349	-0.013125
2.94921	76.825	86.8066	838.13	832.468	4.49589	5.82219	31.8363	-0.013438
2.95021	77.7816	86.533	838.245	832.741	4.46774	5.82687	31.9349	-0.011875
2.95121	77.0983	86.8066	836.702	831.922	4.49589	5.82844	31.7869	-0.012813
2.95221	77.3716	86.2593	839.273	831.649	4.47959	5.82625	31.8363	-0.014063
2.95321	77.5083	87.0803	839.273	830.693	4.46329	5.81781	31.5402	-0.013125
2.95421	77.5083	86.533	840.072	831.376	4.40622	5.79437	31.8363	-0.013125
2.95521	77.3716	86.6698	840.301	830.556	4.43068	5.77625	31.4908	-0.012188
2.95621	77.235	86.8066	839.844	830.283	4.4103	5.76312	31.4416	-0.010938
2.95721	77.9183	86.533	840.301	829.737	4.38584	5.81719	31.2935	-0.009688
2.95821	76.9617	86.8066	839.844	829.737	4.38992	5.83281	30.9974	-0.012188
2.95921	77.6449	86.533	839.844	829.737	4.39807	5.82594	30.9481	-0.012813
2.96021	77.235	86.6698	839.844	829.464	4.36138	5.8275	30.9974	-0.014063
2.96121	77.235	87.3539	839.958	829.19	4.37361	5.82531	30.8494	-0.015
2.96221	77.7816	86.8066	839.844	828.234	4.32878	5.82562	30.8987	-0.012188
2.96321	77.235	86.2593	839.615	828.781	4.31655	5.82062	30.7013	-0.012188
2.96421	77.235	86.3962	839.615	828.644	4.29209	5.81969	30.7507	-0.012188
2.96521	77.3716	86.6698	840.301	828.917	4.25541	5.81531	30.4546	-0.011563
2.96621	77.3716	86.9434	839.501	828.644	4.23095	5.81344	30.7013	-0.012813
2.96721	77.235	86.8066	840.186	827.551	4.21057	5.81094	30.7013	-0.0125
2.96821	77.6449	86.8066	840.072	827.551	4.16981	5.80906	30.5039	-0.013438
2.96921	77.5083	86.8066	840.415	827.415	4.1535	5.81094	30.3559	-0.012813
2.97021	77.235	86.8066	839.273	827.551	4.14536	5.81406	30.5533	-0.013438
2.97121	77.235	86.9434	840.415	827.551	4.10459	5.81469	30.652	-0.012188
2.97221	76.9617	86.8066	839.844	826.732	4.06383	5.81469	30.652	-0.011875
2.97321	77.235	87.0803	840.872	827.005	4.0516	5.81844	30.7013	-0.012813
2.97421	77.235	86.9434	839.501	826.595	4.0353	5.81719	30.8026	-0.012813
2.97521	77.5083	86.8066	840.529	827.278	4.0353	5.82094	30.8026	-0.011563
2.97621	76.9617	86.8066	840.301	826.469	3.93747	5.81781	30.7507	-0.012813
2.97721	76.825	86.8066	840.529	826.049	3.95785	5.81969	30.7507	-0.014688
2.97821	76.9617	86.2593	840.415	824.547	3.90079	5.82375	30.652	-0.014063
2.97921	77.3716	86.6698	841.785	824.82	3.86818	5.82469	30.8494	-0.010313
2.98021	77.235	87.0803	840.966	824.41	3.88003	5.82469	30.7013	-0.013438
2.98121	76.9617	86.8066	841.443	824.273	3.83557	5.81281	30.7507	-0.012813
2.98221	77.3716	86.533	840.872	824.41	3.82334	5.78719	30.652	-0.012813
2.98321	77.5083	86.8066	840.966	822.634	3.81112	5.76813	30.7507	-0.012188
2.98421	77.235	86.6698	841.443	822.361	3.77036	5.75344	30.8026	-0.012188
2.98521	76.9617	86.8066	841.671	822.634	3.75406	5.79406	30.3559	-0.012813
2.98622	76.9617	86.8066	842.128	821.542	3.79481	5.83469	30.1092	-0.012813
2.98722	77.5083	86.8066	842.813	822.361	3.74182	5.81969	30.2079	-0.013438
2.98822	76.9617	86.6698	842.128	822.088	3.72144	5.82437	29.9612	-0.012813

2.98922	77.235	86.8066	842.813	820.313	3.68476	5.82219	30.1585	-0.012813
2.99022	77.0983	87.0803	842.813	820.722	3.68883	5.82219	30.1092	-0.013125
2.99122	77.3716	86.6698	842.357	819.083	3.68883	5.81969	29.4677	-0.013438
2.99222	77.3716	86.8066	842.128	819.903	3.64807	5.81969	29.8131	-0.013438
2.99322	77.3716	86.8066	842.699	818.574	3.62362	5.81844	29.7144	-0.012813
2.99422	76.6884	86.533	842.813	818.81	3.61547	5.81844	29.7144	-0.012188
2.99522	76.9617	86.8066	843.042	817.581	3.60731	5.81969	29.5664	-0.012188
2.99622	77.235	86.9434	842.357	817.035	3.5421	5.81281	29.073	-0.012188
2.99722	76.9617	86.8066	841.443	816.898	3.5747	5.81469	29.2703	-0.012813
2.99822	77.235	86.8066	842.128	816.625	3.53394	5.82062	29.221	-0.014063
2.99922	77.235	87.2171	841.443	815.259	3.48873	5.81969	28.9249	-0.012813
3.00022	77.5083	86.6698	841.9	813.893	3.47688	5.81594	29.073	-0.012813
3.00122	76.6884	86.8066	841.443	813.21	3.43204	5.81844	28.8756	-0.011563
3.00222	76.9617	86.8066	841.443	812.254	3.38721	5.81844	28.8756	-0.014063
3.00322	77.235	87.2171	841.214	812.118	3.33829	5.82188	28.9249	-0.014375
3.00422	76.9617	86.8066	841.9	811.435	3.33829	5.82656	29.1223	-0.013438
3.00522	77.235	86.8066	841.443	811.161	3.28938	5.82969	29.0236	-0.011875
3.00622	76.9617	86.9434	842.128	810.342	3.28938	5.83094	28.9743	-0.014688
3.00722	76.9617	87.3539	842.128	809.932	3.25677	5.82969	28.9249	-0.014063
3.00822	77.5083	86.6698	842.128	809.523	3.28123	5.83094	28.7769	-0.013125
3.00922	77.235	86.533	842.014	807.883	3.21601	5.81562	28.8756	-0.015313
3.01022	77.0983	86.8066	842.357	807.337	3.22009	5.79031	28.8756	-0.012813
3.01122	76.9617	86.8066	841.443	806.791	3.1671	5.77344	28.9743	-0.012188
3.01222	77.235	86.6698	841.557	805.562	3.1671	5.75719	29.1716	-0.012813
3.01322	77.5083	86.8066	841.9	804.059	3.16302	5.80844	28.7769	-0.013125
3.01422	77.7816	86.8066	841.9	803.649	3.1834	5.83656	28.9743	-0.012813
3.01522	77.235	86.8066	842.128	803.513	3.1834	5.82969	29.0236	-0.012188
3.01622	76.9617	86.9434	841.671	802.693	3.19156	5.83094	28.6782	-0.013438
3.01722	77.5083	87.2171	841.443	802.42	3.1834	5.83031	28.6289	-0.012813
3.01822	77.235	86.1225	841.443	800.781	3.16487	5.82594	28.6289	-0.013125
3.01922	77.3716	86.8066	841.1	800.235	3.19971	5.82469	28.7275	-0.013125
3.02022	76.4151	86.533	840.529	799.142	3.15695	5.82344	28.2834	-0.012813
3.02122	76.9617	86.8066	840.529	798.459	3.14672	5.82594	28.1847	-0.012188
3.02222	76.9617	86.8066	839.273	797.503	3.14672	5.82344	28.2834	-0.012813
3.02322	77.235	86.8066	839.501	796.411	3.13857	5.82219	28.2834	-0.012813
3.02422	76.9617	87.0803	838.587	796.001	3.0815	5.81938	27.5433	-0.014063
3.02522	77.235	87.3539	838.016	795.591	3.11003	5.82344	27.79	-0.014375
3.02622	77.3716	87.0803	837.559	794.772	3.0815	5.82281	28.0367	-0.013438
3.02722	76.9617	86.8066	836.874	793.679	3.0815	5.82531	27.6913	-0.013438
3.02822	76.9617	86.8066	837.331	793.406	3.08112	5.82844	27.7406	-0.014063
3.02922	76.9617	87.3539	836.303	792.859	3.05297	5.82656	27.4939	-0.012813
3.03022	76.9617	86.8066	835.503	791.357	3.06927	5.82469	27.642	-0.013125
3.03122	77.5083	86.8066	834.818	790.674	3.01628	5.82644	27.3459	-0.012813
3.03222	76.6884	86.8066	834.133	789.855	2.9796	5.83094	27.5433	-0.011875
3.03322	77.6449	86.533	834.133	788.489	2.9959	5.83094	27.3952	-0.010938
3.03422	76.9617	86.8066	832.991	786.577	2.9796	5.83094	27.4939	-0.013125
3.03522	76.9617	86.8066	832.077	784.938	2.90215	5.83094	26.9511	-0.015313
3.03622	76.9617	86.2593	831.392	785.757	2.91438	5.83469	27.3952	-0.015938
3.03722	77.235	86.8066	831.163	785.484	2.93059	5.81719	27.5926	-0.012813

3.03822	76.9617	86.2593	830.935	784.665	2.88585	5.79469	27.5433	-0.013125
3.03922	77.5083	86.9434	830.478	783.708	2.88993	5.77969	27.642	-0.013438
3.04022	76.825	86.8066	829.793	783.708	2.88177	5.76937	27.8393	-0.012813
3.04122	76.9617	87.3539	828.993	782.206	2.87362	5.83969	27.642	-0.01375
3.04222	76.9617	87.2171	828.536	781.113	2.81656	5.83406	27.7406	-0.014063
3.04322	76.5517	87.0803	827.737	781.523	2.80841	5.83344	27.642	-0.012813
3.04422	76.9617	86.8066	827.051	779.474	2.81656	5.83187	27.5926	-0.014688
3.04522	77.235	86.6698	826.366	778.665	2.80025	5.83469	27.7406	-0.0125
3.04622	77.5083	86.8066	825.224	777.016	2.75949	5.82844	27.4939	-0.014063
3.04722	76.9617	86.8066	823.967	777.153	2.7758	5.82969	27.5926	-0.013125
3.04822	76.9617	87.0803	823.396	775.923	2.78395	5.83125	28.2341	-0.010938
3.04922	77.235	87.3539	823.054	775.787	2.74319	5.82844	27.3952	-0.012813
3.05022	76.9617	86.8066	821.683	774.631	2.73504	5.82594	27.5926	-0.012188
3.05122	76.5517	86.8066	821.34	774.667	2.73504	5.82469	27.3459	-0.012813
3.05222	76.9617	87.0803	820.684	772.372	2.75134	5.82312	27.5433	-0.012813
3.05322	77.3716	86.533	819.856	771.279	2.66982	5.82469	27.3952	-0.011563
3.05422	76.9617	86.8066	818.599	771.143	2.69428	5.82656	27.0498	-0.012813
3.05522	77.235	86.533	817.914	769.777	2.66982	5.82687	27.1979	-0.012188
3.05622	76.4151	86.8066	817	769.914	2.6046	5.82844	26.7538	-0.012813
3.05722	76.9617	86.8066	816.543	767.865	2.55569	5.82344	26.4083	-0.012813
3.05822	77.6449	87.0803	814.944	766.821	2.6046	5.83094	26.8031	-0.014063
3.05922	77.235	86.8066	814.944	767.865	2.56422	5.83219	27.3459	-0.014688
3.06022	77.235	86.6698	814.031	766.909	2.6046	5.83406	26.8031	-0.012813
3.06122	76.9617	86.2593	812.688	765.816	2.63313	5.83781	27.0005	-0.012188
3.06222	77.0983	86.8066	812.431	764.997	2.58422	5.83719	26.7538	-0.012813
3.06322	76.9617	86.8066	811.289	764.45	2.53531	5.83719	26.7538	-0.012813
3.06422	76.825	86.8066	810.376	764.177	2.59237	5.83406	26.8031	-0.011563
3.06522	76.9617	86.8066	809.233	763.494	2.51085	5.81406	26.4083	-0.011563
3.06622	76.9617	86.9434	808.548	761.719	2.49455	5.79281	27.0992	-0.012188
3.06722	76.9617	87.0803	806.721	760.763	2.49047	5.77312	26.5564	-0.012813
3.06822	77.0983	86.8066	805.464	758.168	2.45379	5.80219	26.211	-0.016563
3.06922	76.9617	87.3539	804.893	759.26	2.44971	5.85219	26.8031	-0.014063
3.07022	77.3716	86.533	804.436	758.166	2.43341	5.83906	27.2965	-0.012813
3.07122	76.9617	86.2593	803.979	758.714	2.45786	5.84281	26.7044	-0.012813
3.07222	76.9617	87.4908	802.609	757.348	2.40488	5.84531	26.9511	-0.012813
3.07322	76.825	86.9434	801.695	757.075	2.39265	5.83656	26.8524	-0.011875
3.07422	76.9617	87.4908	801.124	756.255	2.40895	5.83625	27.0005	-0.013438
3.07522	76.9617	86.8066	800.096	755.436	2.36411	5.83469	26.7538	-0.015313
3.07622	77.5083	86.6698	799.182	754.89	2.33558	5.83469	27.0498	-0.012813
3.07722	76.4151	86.8066	798.497	754.89	2.32743	5.83219	27.0498	-0.012813
3.07822	76.9617	86.8066	797.583	752.704	2.30297	5.83219	27.0992	-0.011563
3.07922	77.5083	86.6698	797.469	751.612	2.28867	5.83094	26.8031	-0.012188
3.08022	76.9617	86.8066	795.527	750.929	2.26221	5.82969	26.9018	-0.014688
3.08122	76.9617	87.2171	794.385	750.792	2.27037	5.83344	27.1979	-0.011563
3.08222	76.9617	86.6698	794.042	749.426	2.24183	5.83219	26.8031	-0.012813
3.08322	76.6884	86.8066	792.786	748.88	2.20515	5.83219	26.9018	-0.012813
3.08422	76.9617	86.8066	792.329	749.017	2.22145	5.8325	27.0992	-0.014688
3.08522	77.0983	86.6698	790.73	747.514	2.16439	5.83261	26.8031	-0.013438
3.08622	76.4151	86.9434	790.273	747.241	2.18089	5.83469	26.7044	-0.013438

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3.08722	77.235	86.533	790.273	746.148	2.17254	5.83594	26.7044	-0.014375
3.08822	77.235	86.533	788.768	745.739	2.14401	5.83781	26.507	-0.012813
3.08922	76.825	87.0803	787.876	744.373	2.11548	5.83906	26.5564	-0.013438
3.09022	76.9617	86.8066	786.647	743.69	2.08287	5.83719	26.6057	-0.011563
3.09122	77.0983	86.533	786.39	743.826	2.08287	5.83531	26.7044	-0.014063
3.09222	76.9617	86.3962	785.704	742.597	2.08287	5.81469	27.3459	-0.014063
3.09322	76.9617	86.8066	784.791	741.914	2.04618	5.79094	26.6057	-0.012813
3.09422	76.9617	86.8066	784.105	741.368	2.02988	5.775	26.4083	-0.011875
3.09522	76.6884	87.0803	782.963	740.685	2.02988	5.76312	26.6057	-0.013125
3.09622	77.0983	87.6276	782.049	740.412	2.01357	5.83719	26.6057	-0.012813
3.09722	76.9617	86.8066	781.593	739.729	2.00135	5.83719	26.4083	-0.014375
3.09822	76.9617	86.9434	780.907	739.319	1.96874	5.83656	26.6057	-0.014063
3.09922	76.9617	86.533	779.994	738.5	1.93205	5.83375	26.7538	-0.013125
3.10022	76.9617	87.2171	779.651	737.407	1.93205	5.83469	26.8551	-0.012813
3.10122	77.0983	86.533	778.966	736.314	1.91682	5.83219	26.6057	-0.013125
3.10222	76.825	86.8066	777.024	736.768	1.89944	5.83281	26.5564	-0.014688
3.10322	76.9617	87.0803	776.339	735.496	1.88314	5.83156	27.2965	-0.013438
3.10422	76.9617	86.6698	776.339	734.129	1.86722	5.82781	26.8031	-0.013438
3.10522	76.9617	86.8066	775.425	733.993	1.84646	5.82937	26.7538	-0.013125
3.10622	76.9617	86.8066	774.74	733.583	1.85053	5.82594	26.7044	-0.012813
3.10722	77.5083	86.8066	773.826	732.9	1.80569	5.82594	26.9018	-0.011563
3.10822	76.9617	86.8066	773.255	732.763	1.84238	5.83094	27.0005	-0.01375
3.10922	76.825	87.0803	772.798	732.49	1.77309	5.82937	26.7044	-0.013125
3.11022	77.235	86.533	771.541	731.944	1.76493	5.82719	26.8031	-0.013438
3.11122	76.9617	86.1225	771.086	730.715	1.75271	5.83094	26.6057	-0.0125
3.11222	76.4151	86.9434	770.399	730.032	1.73233	5.83187	26.8524	-0.011563
3.11322	76.5517	86.8066	767.886	728.666	1.69156	5.83312	26.7044	-0.012188
3.11422	76.9617	86.8066	768.343	728.802	1.70787	5.83312	26.9018	-0.0125
3.11522	76.9617	86.8066	766.744	727.846	1.68341	5.83469	26.6561	-0.012813
3.11622	76.825	86.8066	766.516	727.027	1.66711	5.83719	26.9018	-0.014063
3.11722	76.9617	86.8066	765.716	726.481	1.66711	5.83719	26.6057	-0.012813
3.11822	76.6884	87.3539	765.031	726.481	1.65896	5.83844	26.6057	-0.013438
3.11922	76.5517	87.0803	764.688	726.071	1.63858	5.8375	26.2603	-0.012813
3.12022	76.9617	86.533	763.775	725.115	1.61004	5.80969	26.4083	-0.013438
3.12122	77.235	86.8066	763.432	725.388	1.61412	5.78969	26.4083	-0.012813
3.12222	76.6884	87.2171	762.404	723.203	1.56298	5.77094	26.359	-0.012813
3.12322	77.235	86.8066	762.632	723.203	1.58659	5.79469	26.4083	-0.010938
3.12422	76.9617	86.8066	761.033	722.52	1.52445	5.85094	26.0629	-0.017188
3.12523	76.9617	86.6698	760.12	722.656	1.54075	5.83562	26.4083	-0.011875
3.12623	77.0983	86.6698	760.12	721.837	1.51222	5.83969	26.359	-0.011563
3.12723	76.9617	86.8066	759.206	721.017	1.50407	5.83625	26.213	-0.012813
3.12823	76.9617	87.2171	758.292	720.744	1.47961	5.83719	26.4083	-0.012813
3.12923	76.9617	86.8066	757.835	720.471	1.46738	5.83656	25.9642	-0.012813
3.13023	76.4151	86.8066	757.493	719.925	1.447	5.83531	26.211	-0.012813
3.13123	76.9617	86.6698	757.15	718.695	1.4307	5.83469	26.2603	-0.011875
3.13223	77.235	86.533	756.236	719.378	1.44293	5.83469	26.2603	-0.012188
3.13323	76.4151	86.8066	755.094	717.603	1.36548	5.83094	26.211	-0.012813
3.13423	76.9617	86.8066	755.437	716.373	1.36548	5.83031	26.359	-0.009063
3.13523	76.825	86.8066	754.18	716.647	1.3451	5.83156	26.1616	-0.013438

3.13623	77.3716	86.533	753.381	715.554	1.33287	5.83344	26.3096	-0.01125
3.13723	76.9617	87.2171	752.81	715.827	1.32064	5.83219	26.4083	-0.012813
3.13823	76.6884	86.8066	752.124	715.827	1.28803	5.83312	26.3096	-0.014063
3.13923	76.825	86.533	751.325	715.827	1.27988	5.83344	26.4083	-0.011563
3.14023	76.9617	86.9434	751.668	714.734	1.26358	5.83312	26.211	-0.01375
3.14123	76.9617	87.2171	750.297	714.188	1.27986	5.83375	26.0629	-0.015313
3.14223	76.9617	87.2171	750.068	714.188	1.20244	5.83844	26.3096	-0.013438
3.14323	76.825	86.8066	749.383	714.461	1.22282	5.83844	26.1123	-0.012188
3.14423	76.9617	86.8066	748.926	712.276	1.23097	5.83844	26.2603	-0.011563
3.14523	76.825	87.0803	748.041	711.73	1.19429	5.84406	26.359	-0.010625
3.14623	76.4151	87.0803	746.642	711.456	1.16983	5.84156	26.359	-0.015313
3.14723	77.3716	86.9434	746.756	710.774	1.17391	5.82656	26.5551	-0.012188
3.14823	77.235	86.8066	745.5	711.047	1.1413	5.80281	26.4083	-0.012188
3.14923	76.9617	86.8066	746.071	710.364	1.13314	5.78344	26.0629	-0.013438
3.15023	76.825	86.8066	744.7	710.091	1.13722	5.77875	26.1616	-0.011875
3.15123	76.9617	86.8066	744.929	709.544	1.072	5.84781	25.9149	-0.013438
3.15223	76.9617	86.2593	744.358	708.725	1.072	5.84531	26.211	-0.011563
3.15323	77.235	86.6698	743.672	708.315	1.06386	5.84531	25.9149	-0.013438
3.15423	76.9617	86.8066	743.216	709.271	1.0394	5.84469	26.1616	-0.013438
3.15523	77.235	86.8066	742.987	706.54	1.0394	5.84406	25.9149	-0.015625
3.15623	76.6884	87.0803	741.616	706.676	1.02717	5.84219	26.0136	-0.012813
3.15723	77.0983	86.6698	741.274	705.72	0.996635	5.83844	26.0136	-0.013125
3.15823	76.9617	86.8066	740.931	706.13	0.996636	5.83906	26.0629	-0.013125
3.15923	76.9617	86.9434	739.56	705.72	0.996635	5.83844	25.9149	-0.012813
3.16023	76.9617	87.3539	739.789	705.31	0.98233	5.83938	26.1616	-0.012813
3.16123	76.9617	87.0803	739.332	704.354	0.949722	5.83469	26.0136	-0.014063
3.16223	77.235	86.6698	738.876	704.491	0.949722	5.83344	26.0136	-0.012813
3.16323	77.235	86.533	738.19	703.944	0.953798	5.83312	26.1123	-0.012813
3.16423	76.825	87.0803	738.076	703.808	0.917113	5.83187	26.1123	-0.013125
3.16523	76.9617	86.6698	737.619	704.081	0.908961	5.83719	25.8655	-0.014375
3.16623	77.3716	86.8066	736.819	702.305	0.892657	5.83844	26.1123	-0.012813
3.16723	76.825	86.8066	737.276	702.988	0.868201	5.83719	26.0136	-0.010313
3.16823	77.0983	86.6698	735.677	701.213	0.843744	5.83687	26.1616	-0.014063
3.16923	76.2786	87.0803	735.22	701.349	0.864125	5.83969	26.0136	-0.015313
3.17023	76.825	86.8066	734.535	701.759	0.82744	5.84188	26.1123	-0.014375
3.17123	76.825	86.8066	734.306	699.71	0.815212	5.84281	26.0136	-0.012813
3.17223	76.825	87.3539	733.393	699.847	0.811136	5.84781	25.9149	-0.012188
3.17323	76.4151	87.0803	732.707	699.164	0.790756	5.84344	25.9149	-0.012188
3.17423	76.825	87.3539	732.479	699.164	0.790756	5.83469	25.9149	-0.013438
3.17523	77.0983	86.8066	732.251	699.164	0.770375	5.81531	25.9642	-0.011563
3.17623	76.9617	87.6276	731.337	699.984	0.733691	5.795	26.0136	-0.011875
3.17723	77.235	86.8066	730.88	697.798	0.733691	5.77969	25.9149	-0.011563
3.17823	76.9617	87.0803	730.88	698.071	0.705158	5.83781	26.0136	-0.010938
3.17923	77.235	86.533	730.423	696.979	0.697006	5.85281	26.2603	-0.011875
3.18023	77.235	87.0803	729.509	696.979	0.680702	5.84594	25.9149	-0.012813
3.18123	77.235	86.8066	729.052	696.979	0.648094	5.84844	26.6162	-0.014063
3.18223	76.9617	87.3539	728.71	696.706	0.639941	5.84719	25.9149	-0.012813
3.18323	76.9617	86.8066	729.052	696.842	0.627713	5.84594	26.0136	-0.010938
3.18423	76.4151	87.0803	727.796	695.866	0.615485	5.84219	26.1123	-0.012813

3.18523	76.4151	87.3539	727.91	695.613	0.639941	5.84376	26.0629	-0.012813
3.18623	77.0983	86.8066	727.225	696.159	0.582877	5.84094	25.9149	-0.014063
3.18723	76.9617	86.8066	726.311	696.569	0.574724	5.83875	26.1123	-0.011875
3.18823	77.235	86.6698	727.111	694.247	0.5788	5.83969	25.8182	-0.014063
3.18923	76.825	86.533	727.568	694.247	0.554344	5.83844	25.9842	-0.010938
3.19023	77.235	87.2171	725.626	693.974	0.51766	5.83844	25.9149	-0.014063
3.19123	76.9617	86.8066	726.083	693.701	0.513584	5.83969	25.7669	-0.014688
3.19223	76.9617	86.533	724.37	693.701	0.485051	5.84156	26.0136	-0.014063
3.19323	76.825	87.2171	724.712	693.428	0.476899	5.84156	26.0136	-0.013125
3.19423	76.9617	86.2593	724.484	692.881	0.466747	5.84406	26.359	-0.014063
3.19523	76.9617	86.8066	723.913	693.018	0.436138	5.84437	26.0629	-0.012813
3.19623	76.6884	87.0803	723.456	692.881	0.419834	5.84469	26.211	-0.011563
3.19723	76.5517	87.2171	722.885	692.198	0.395378	5.84406	26.2603	-0.012813
3.19823	77.0983	86.533	722.885	693.018	0.374997	5.84781	26.2603	-0.012813
3.19923	77.235	86.6698	722.656	692.472	0.387226	5.85156	26.1616	-0.012813
3.20023	76.9617	86.8066	722.086	692.052	0.354617	5.84844	26.211	-0.010938
3.20123	76.9617	86.8066	722.086	691.106	0.350541	5.83875	26.1123	-0.012813
3.20223	77.3716	86.8066	720.629	691.242	0.313857	5.81469	26.211	-0.014063
3.20323	76.825	87.0803	721.286	692.335	0.322009	5.79562	25.9149	-0.011875
3.20423	76.4151	86.8066	720.6	691.242	0.305705	5.77719	26.1123	-0.014688
3.20623	77.235	86.8066	719.915	690.15	0.258792	5.82594	26.1123	-0.013438
3.20623	76.9617	86.8066	719.687	689.877	0.258792	5.85719	26.359	-0.013438
3.20723	76.9617	86.8066	719.344	690.423	0.26902	5.84687	26.2603	-0.013438
3.20823	77.235	86.2593	719.115	690.15	0.228259	5.85187	26.4083	-0.012813
3.20923	76.9617	86.8066	718.43	691.106	0.224183	5.84969	26.4083	-0.014063
3.21023	76.9617	87.3539	718.088	689.603	0.207879	5.84719	26.4083	-0.013125
3.21123	76.6884	86.8066	719.458	689.33	0.203803	5.84875	26.0136	-0.010938
3.21223	77.0983	86.8066	717.402	689.33	0.167118	5.84687	26.3096	-0.014063
3.21323	77.235	86.533	717.631	689.33	0.158966	5.84469	26.6057	-0.013438
3.21423	76.9617	86.533	717.859	689.33	0.15489	5.84687	26.6057	-0.011563
3.21523	77.0983	86.2593	717.402	689.194	0.150814	5.84437	26.4083	-0.013438
3.21623	76.4151	86.8066	716.717	688.194	0.126356	5.84656	26.5584	-0.014063
3.21723	76.9617	86.8066	716.945	688.647	0.11413	5.84469	26.6057	-0.013438
3.21823	77.235	86.8066	716.146	688.784	0.118206	5.84812	26.6057	-0.014688
3.21923	76.6884	86.9434	716.26	689.194	0.061141	5.84562	26.4083	-0.01375
3.22023	77.235	86.1226	716.26	689.74	0.077445	5.84844	26.4083	-0.014375
3.22123	77.5083	86.8066	715.803	689.74	0.057065	5.84719	26.8031	-0.014063
3.22223	76.5517	87.0803	715.346	688.784	0.044837	5.84969	26.7044	-0.011563
3.22323	76.6884	87.0803	715.346	688.784	-0.004076	5.84906	26.4083	-0.01375
3.22423	76.9617	86.8066	714.775	689.194	-0.004076	5.85094	27.0005	-0.012813
3.22523	77.235	86.533	714.661	688.511	-0.004076	5.86219	26.7538	-0.012813
3.22623	77.3716	86.533	714.318	688.238	-0.004076	5.85437	26.7538	-0.01125
3.22723	77.235	86.6698	713.861	688.238	-0.004076	5.85781	26.9018	-0.011563
3.22823	77.235	86.8066	714.433	689.33	-0.004076	5.84656	26.8031	-0.014063
3.22923	77.235	86.2593	713.861	688.784	-0.004076	5.81969	26.8031	-0.014063
3.23023	76.4151	86.8066	712.605	688.238	-0.052989	5.80156	26.9018	-0.013438
3.23123	76.9617	86.8066	712.377	688.374	-0.044837	5.78469	27.0005	-0.012813
3.23223	76.825	87.2171	712.491	688.238	-0.032609	5.83719	27.0005	-0.011563
3.23323	77.235	87.0803	712.491	688.511	-0.012228	5.86594	26.8031	-0.013125

3.23423	76.9617	86.9434	711.92	687.008	-0.012228	5.85344	26.4063	-0.012813
3.23523	77.0983	86.2593	711.92	687.691	-0.02038	5.85469	26.9018	-0.013438
3.23623	77.235	86.6698	712.377	687.964	-0.004076	5.85406	27.4939	-0.012813
3.23723	77.235	86.8066	712.262	688.511	-0.008152	5.85469	26.9018	-0.012813
3.23823	76.9617	86.533	712.262	687.691	-0.012228	5.85469	26.9018	-0.014063
3.23923	77.5083	86.8066	711.691	688.784	-0.016304	5.84656	27.2965	-0.011875
3.24023	76.825	87.0803	711.691	688.511	0.02038	5.84969	26.7044	-0.012813
3.24123	76.9617	86.8066	710.778	688.101	-0.004076	5.84719	26.9018	-0.012813
3.24223	76.4151	86.8066	711.463	689.33	-0.004076	5.84687	27.0006	-0.012188
3.24323	76.9617	86.8066	711.234	688.647	-0.008152	5.84281	27.1486	-0.012813
3.24423	76.5517	87.0803	710.435	687.691	-0.016304	5.84594	26.9511	-0.014063
3.24523	76.6884	86.6698	711.463	687.964	-0.004076	5.84469	26.9018	-0.012813
3.24623	76.9617	86.8066	709.978	688.511	-0.004076	5.84406	27.1979	-0.014063
3.24723	76.9617	86.6698	710.663	688.238	-0.004076	5.84937	27.3952	-0.013125
3.24823	76.9617	87.3539	710.778	689.057	-0.004076	5.84937	27.1979	-0.011875
3.24923	76.9617	86.8066	710.092	689.057	-0.004076	5.85219	27.1979	-0.01375
3.25023	77.235	86.8066	710.092	688.647	-0.004076	5.85406	27.0992	-0.012188
3.25123	76.9617	86.8066	710.092	688.238	0.044837	5.85594	27.3459	-0.012813
3.25223	76.9617	86.9434	709.635	688.647	-0.004076	5.85562	27.0992	-0.014063
3.25323	77.235	86.533	709.635	690.013	-0.004076	5.85719	27.1979	-0.012813
3.25423	76.6617	87.4908	710.092	688.101	-0.004076	5.85969	27.1979	-0.011563
3.25523	77.0983	86.3962	710.549	688.92	-0.004076	5.84594	27.1486	-0.014688
3.25623	76.9617	86.9434	708.95	687.828	-0.048913	5.81594	26.4063	-0.015313
3.25723	77.235	86.8066	710.321	688.784	-0.004076	5.80406	26.9018	-0.013438
3.25823	77.235	86.533	709.864	688.784	-0.004076	5.78906	27.5926	-0.013125
3.25923	77.235	86.2593	710.549	689.057	-0.004076	5.85562	27.1486	-0.01125
3.26023	77.235	87.0803	710.092	688.784	-0.004076	5.86281	27.3459	-0.01375
3.26123	76.9617	86.6698	709.635	688.784	-0.016304	5.85969	27.3459	-0.013438
3.26223	77.235	86.533	709.864	689.194	0.028532	5.85875	27.3952	-0.013438
3.26323	76.5517	87.0803	709.864	688.511	-0.02038	5.85844	27.0498	-0.012813
3.26424	76.825	86.2593	709.864	689.603	-0.004076	5.85594	27.1486	-0.012813
3.26524	77.235	86.6698	709.179	689.877	-0.02038	5.85344	27.1979	-0.012188
3.26624	76.9617	86.8066	709.635	688.511	-0.004076	5.85406	27.0005	-0.012813
3.26724	76.9617	86.8066	709.635	688.238	-0.036685	5.85344	26.8031	-0.013125
3.26824	76.9617	86.533	708.95	689.603	-0.008152	5.85063	27.1979	-0.012813
3.26924	77.3716	86.533	709.635	689.33	-0.004076	5.84906	27.4446	-0.014063
3.27024	77.5083	86.8066	709.293	689.33	-0.004076	5.85031	27.1979	-0.013438
3.27124	77.5083	86.6698	708.95	689.194	-0.004076	5.85469	27.1979	-0.014063
3.27224	76.6884	87.2171	709.407	689.194	-0.004076	5.84844	27.0005	-0.014688
3.27324	77.3716	86.8066	708.95	689.057	-0.004076	5.85281	26.9018	-0.014063
3.27424	76.4151	86.8066	709.179	689.74	-0.004076	5.85562	27.0498	-0.013125
3.27524	76.9617	86.8066	709.293	690.15	-0.004076	5.85562	26.9511	-0.012813
3.27624	77.5083	86.6698	709.635	689.74	-0.004076	5.85687	26.9018	-0.0125
3.27724	76.9617	86.2593	709.407	689.33	-0.004076	5.85906	27.0992	-0.013438
3.27824	77.235	86.8066	708.038	688.511	-0.036685	5.85656	26.4063	-0.014063
3.27924	77.9183	87.2171	708.607	689.194	-0.008152	5.86156	26.6057	-0.016563
3.28024	77.0983	86.533	709.864	690.15	-0.004076	5.86344	27.4446	-0.013125
3.28124	77.235	86.6698	709.407	689.74	-0.004076	5.85875	26.9511	-0.0125
3.28224	76.9617	86.8066	708.836	689.467	-0.024456	5.84094	26.7044	-0.012813

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3.28324	77.0983	87.3539	708.95	689.74	-0.004076	5.82094	26.7044	-0.012813
3.28424	76.9617	86.8066	709.179	689.877	-0.004076	5.80219	26.7538	-0.013125
3.28524	76.9617	86.8066	709.179	688.92	0.024456	5.80594	26.7044	-0.012813
3.28624	77.0983	86.6698	708.95	689.877	-0.004076	5.87844	26.4083	-0.014063
3.28724	77.235	86.8066	708.95	689.877	-0.004076	5.86344	26.4083	-0.010938
3.28824	77.5083	86.8066	708.722	686.647	-0.012228	5.86469	26.4083	-0.014688
3.28924	77.235	86.6698	708.607	686.511	-0.061141	5.86156	26.0136	-0.015313
3.29024	76.6884	86.8066	708.95	689.74	-0.012228	5.86469	26.7044	-0.014063
3.29124	76.825	86.8066	708.95	689.74	-0.004076	5.86219	27.0005	-0.012813
3.29224	77.0983	86.8066	708.265	689.33	-0.004076	5.85969	26.4083	-0.011875
3.29324	76.9617	86.6698	708.95	689.603	-0.004076	5.86469	26.8057	-0.012813
3.29424	77.235	86.8066	708.379	690.423	-0.004076	5.85938	26.8057	-0.012813
3.29524	76.6517	86.8066	708.265	689.74	-0.004076	5.85906	26.6551	-0.012813
3.29624	77.7816	86.8066	708.151	689.194	-0.004076	5.85687	26.5564	-0.013438
3.29724	77.3716	86.6698	708.493	689.057	0.02038	5.85687	26.3096	-0.013438
3.29824	77.235	86.6698	708.036	689.877	-0.004076	5.86219	26.359	-0.013125
3.29924	77.3716	86.6698	708.836	688.92	-0.012228	5.85969	26.4083	-0.013125
3.30024	76.9617	86.8066	709.407	688.511	-0.02038	5.85969	26.5564	-0.01125
3.30124	77.6449	87.2171	708.036	689.33	-0.012228	5.85969	26.4083	-0.013125
3.30224	77.235	86.8066	708.722	689.194	-0.012228	5.86219	26.7044	-0.013125
3.30324	76.9617	87.3539	708.722	688.784	-0.004076	5.86406	26.1123	-0.014063
3.30424	77.3716	86.533	708.95	689.057	-0.004076	5.86844	26.1123	-0.012813
3.30524	76.6884	86.8066	708.836	689.603	-0.004076	5.86469	26.1123	-0.014688
3.30624	77.3716	86.533	708.95	689.33	-0.004076	5.86781	26.211	-0.012813
3.30724	77.235	86.8066	709.293	689.057	-0.008152	5.87063	26.1123	-0.012188
3.30824	77.5083	86.8066	707.808	689.33	-0.012228	5.85969	26.1616	-0.014375
3.30924	77.235	86.8066	707.694	690.013	0.024456	5.83781	26.1123	-0.013438
3.31024	76.9617	86.533	706.694	687.964	-0.004076	5.81469	26.211	-0.014375
3.31124	77.235	86.2593	706.666	688.101	-0.028532	5.79719	26.0136	-0.014063
3.31224	77.235	86.8066	705.295	687.145	-0.004076	5.83531	26.0136	-0.013438
3.31324	76.9617	86.8066	705.181	688.511	-0.004076	5.87876	26.3096	-0.013125
3.31424	77.3716	86.8066	704.267	687.691	-0.004076	5.86719	25.8162	-0.014063
3.31524	77.6449	86.8066	703.924	688.511	-0.004076	5.87531	25.9642	-0.013438
3.31624	77.235	86.6698	704.267	687.826	-0.004076	5.86969	25.8162	-0.010938
3.31724	76.9617	86.533	704.267	687.964	-0.004076	5.86844	25.7175	-0.012188
3.31824	76.6884	87.0803	704.724	688.101	0.028532	5.86719	26.0136	-0.011875
3.31924	76.9617	86.8066	704.838	687.418	-0.004076	5.86312	25.7175	-0.013438
3.32024	76.9617	86.8066	704.61	687.418	-0.004076	5.86281	25.6188	-0.012813
3.32124	76.9617	86.8066	704.838	686.872	-0.008152	5.85906	25.9642	-0.012188
3.32224	76.9617	86.8066	706.323	687.418	-0.004076	5.86156	25.5201	-0.010313
3.32324	76.9617	86.6698	705.067	686.462	-0.004076	5.85906	25.3721	-0.014375
3.32424	77.3716	86.8066	706.437	686.052	-0.004076	5.86219	25.3721	-0.012813
3.32524	77.3716	86.6698	706.552	686.052	-0.02038	5.86281	25.5695	-0.013438
3.32624	77.235	86.6698	706.666	686.052	-0.004076	5.86094	25.5201	-0.012813
3.32724	77.235	86.3962	706.437	685.779	-0.004076	5.86188	25.6188	-0.013438
3.32824	77.0983	86.8066	705.98	686.462	-0.004076	5.86406	25.2241	-0.014688
3.32924	76.9617	86.533	705.98	685.642	-0.004076	5.86406	25.5201	-0.012813
3.33024	76.9617	86.8066	706.209	685.506	-0.016304	5.86344	25.3721	-0.012188
3.33124	76.9617	86.2593	705.666	685.916	-0.016304	5.86469	25.4708	-0.011563

3.33224	76.9617	87.3539	706.666	684.413	-0.008152	5.86906	25.3721	-0.012188
3.33324	76.5517	87.3539	707.808	684.823	-0.004076	5.86969	25.3228	-0.011875
3.33424	77.3716	86.8066	707.123	684.413	-0.004076	5.86969	25.3228	-0.014688
3.33524	76.9617	86.8066	706.666	683.867	-0.004076	5.85844	25.5201	-0.013438
3.33624	76.9617	87.2171	707.579	683.321	-0.004076	5.83281	25.2241	-0.013438
3.33724	77.235	86.6698	707.351	683.321	-0.008152	5.81437	25.2241	-0.014688
3.33824	77.3716	86.1225	707.466	682.774	-0.004076	5.79969	25.3228	-0.014063
3.33924	77.235	86.8066	707.123	681.682	-0.004076	5.85594	25.1747	-0.011875
3.34024	77.0983	86.8066	707.123	681.682	-0.004076	5.87219	25.0267	-0.012188
3.34124	77.235	86.8066	706.095	680.862	-0.004076	5.86969	25.076	-0.015313
3.34224	77.235	86.533	705.524	681.135	-0.004076	5.86906	25.076	-0.011875
3.34324	77.235	86.8066	704.838	679.769	-0.028532	5.86812	25.1747	-0.013438
3.34424	76.9617	86.6698	705.295	678.95	-0.004076	5.86594	25.0267	-0.010313
3.34524	77.3716	86.6698	703.924	678.64	-0.016304	5.86594	25.1747	-0.015313
3.34624	77.3716	86.533	703.582	678.95	-0.004076	5.86219	25.4214	-0.012813
3.34724	76.825	86.6698	703.468	678.267	-0.004076	5.86281	25.3228	-0.013125
3.34824	77.235	86.8066	703.239	677.857	-0.004076	5.86406	25.2241	-0.011875
3.34924	77.235	86.8066	702.554	677.721	-0.004076	5.85844	24.928	-0.011563
3.35024	77.235	86.6698	702.44	676.218	-0.004076	5.85719	24.8293	-0.012188
3.35124	77.3716	86.8066	702.782	676.491	-0.004076	5.85969	24.928	-0.014063
3.35224	77.235	86.8066	703.011	675.945	-0.004076	5.85844	24.8293	-0.01375
3.35324	77.5083	86.8066	703.924	676.765	-0.004076	5.85969	24.928	-0.012813
3.35424	77.0983	86.8066	704.381	674.579	0.02038	5.86156	24.8293	-0.013438
3.35524	77.3716	86.8066	704.61	674.989	-0.004076	5.86469	24.928	-0.012188
3.35624	77.235	86.8066	703.125	674.033	-0.004076	5.86344	24.7306	-0.015313
3.35724	77.0983	86.6698	703.468	672.94	-0.004076	5.86594	25.4214	-0.012813
3.35824	76.825	87.2171	703.011	672.804	-0.004076	5.86531	24.8293	-0.01375
3.35924	77.5083	86.8066	703.239	672.531	-0.004076	5.86812	24.7306	-0.013438
3.36024	77.235	86.533	703.353	671.848	-0.004076	5.87094	24.6319	-0.014063
3.36124	77.235	86.6698	703.239	672.121	-0.004076	5.86906	24.6319	-0.012813
3.36224	77.3716	86.8066	703.353	670.482	-0.004076	5.85219	24.5826	-0.013438
3.36324	77.235	86.8066	703.696	670.482	-0.004076	5.82719	24.6319	-0.011563
3.36424	76.9617	86.6698	704.381	671.301	-0.004076	5.81281	24.4346	-0.012813
3.36524	77.235	86.3962	703.468	668.843	-0.012228	5.80219	24.6319	-0.013438
3.36624	77.5083	86.2593	704.381	669.389	-0.008152	5.86781	24.6319	-0.009375
3.36724	77.235	85.9857	701.64	668.023	-0.004076	5.87156	24.5826	-0.014063
3.36824	76.9617	86.8066	700.955	667.204	-0.004076	5.86719	24.6319	-0.012813
3.36924	76.6884	87.0803	699.47	666.384	-0.004076	5.86781	24.1385	-0.013438
3.37024	77.3716	86.8066	698.442	665.976	-0.004076	5.86937	24.4346	-0.015313
3.37124	77.5083	86.3962	697.643	665.292	-0.02038	5.86844	24.2372	-0.01375
3.37224	76.9617	86.8066	697.3	664.745	-0.004076	5.86469	24.5332	-0.012813
3.37324	77.235	86.8066	695.929	663.653	0.024456	5.86406	24.1385	-0.012813
3.37424	77.0983	86.8066	695.244	662.697	-0.004076	5.86344	24.2865	-0.0125
3.37524	77.235	86.6698	694.787	662.56	-0.004076	5.85906	24.1385	-0.012813
3.37624	76.6884	87.3539	694.102	661.877	-0.004076	5.85906	24.0398	-0.013438
3.37724	76.9617	87.2171	694.559	660.921	-0.004076	5.85969	24.0398	-0.009375
3.37824	76.825	86.8066	693.645	660.375	-0.004076	5.85875	24.0398	-0.014063
3.37924	77.3716	86.6698	692.96	659.555	-0.004076	5.85969	24.5826	-0.014688
3.38024	77.3716	86.8066	692.96	658.736	-0.004076	5.86156	24.2372	-0.013438

3.38124	77.235	86.8066	692.845	657.916	-0.004076	5.86469	24.1386	-0.012813
3.38224	76.9617	86.8066	691.703	657.37	-0.004076	5.86344	24.2372	-0.012188
3.38324	77.235	86.6698	691.361	656.004	-0.004076	5.86406	23.9411	-0.012813
3.38424	76.9617	86.8066	691.361	655.458	-0.004076	5.86469	23.7437	-0.013438
3.38524	76.9617	86.6698	690.218	654.638	-0.004076	5.86281	23.9411	-0.013125
3.38624	76.6884	87.0803	689.99	655.868	0.024456	5.86469	23.8424	-0.012813
3.38724	76.9617	86.8066	689.876	653.546	-0.004076	5.86719	23.7931	-0.012813
3.38824	77.5083	87.0803	689.305	653.136	-0.004076	5.86406	23.7931	-0.011563
3.38924	76.9617	86.1225	688.848	652.59	-0.008152	5.84469	23.645	-0.013438
3.39024	76.9617	86.8066	687.02	651.36	0.024456	5.82687	23.5463	-0.013438
3.39124	76.9617	86.8066	687.02	650.677	-0.004076	5.80656	23.7437	-0.013438
3.39224	77.3716	86.533	685.878	650.814	-0.008152	5.79437	23.645	-0.0125
3.39324	76.9617	87.2171	686.107	649.585	-0.004076	5.86156	23.4477	-0.014376
3.39424	77.235	86.8066	684.507	648.492	-0.012228	5.86719	23.7437	-0.014688
3.39524	77.0983	86.533	684.736	648.765	0.028532	5.86281	23.349	-0.012813
3.39624	76.9617	86.533	684.622	648.082	-0.004076	5.86219	23.7931	-0.014063
3.39724	77.6449	86.8066	683.365	647.126	-0.004076	5.86094	23.6944	-0.012813
3.39824	77.235	86.1225	683.251	646.624	-0.004076	5.86219	23.6944	-0.011563
3.39924	76.4151	87.0803	682.68	645.351	-0.008152	5.85969	23.9411	-0.010625
3.40024	77.235	86.6698	681.538	644.258	-0.004076	5.86094	23.6944	-0.012813
3.40124	77.235	86.8066	681.081	643.165	-0.004076	5.85656	23.7437	-0.012813
3.40224	77.235	86.6698	680.624	642.619	0.028532	5.85781	23.645	-0.013125
3.40325	77.5083	86.8066	680.167	642.619	-0.004076	5.85719	23.2503	-0.014063
3.40425	76.4151	86.8066	679.939	641.936	-0.004076	5.85906	23.4477	-0.015313
3.40525	77.3716	86.533	679.253	641.117	-0.004076	5.85719	23.349	-0.013125
3.40625	76.9617	86.8066	678.568	640.844	-0.004076	5.85812	23.2503	-0.01375
3.40725	77.235	86.8066	677.426	639.478	-0.008152	5.85781	23.645	-0.011875
3.40825	77.235	86.8066	676.969	639.614	-0.004076	5.85844	23.2503	-0.013125
3.40925	77.235	86.8066	676.512	637.975	-0.02038	5.86094	23.497	-0.013438
3.41025	76.4151	87.2171	675.599	637.166	-0.004076	5.86031	23.4477	-0.012188
3.41125	77.5083	86.6696	675.37	636.609	-0.004076	5.85938	23.349	-0.014063
3.41225	76.9617	86.8066	673.999	635.79	-0.004076	5.85938	23.2503	-0.014063
3.41325	77.3716	86.6696	673.314	635.79	-0.008152	5.86219	23.5957	-0.013125
3.41425	76.9617	86.8066	673.543	635.517	-0.004076	5.86219	23.5957	-0.011563
3.41525	77.3716	86.8066	672.4	634.161	0.028532	5.86469	23.5463	-0.012188
3.41625	77.3716	86.533	671.487	634.424	-0.004076	5.84844	23.5463	-0.013125
3.41725	77.3716	86.9867	670.573	633.058	0.024456	5.82719	23.497	-0.011563
3.41825	77.235	86.533	669.659	632.785	-0.028532	5.80531	23.4477	-0.013125
3.41925	76.9617	86.1225	669.545	632.512	-0.004076	5.78969	23.3983	-0.014063
3.42025	77.235	86.533	668.745	631.419	-0.004076	5.84969	23.2503	-0.014063
3.42125	77.5083	86.8066	669.202	630.6	-0.016304	5.86906	23.5463	-0.012813
3.42225	76.9617	86.533	668.289	630.6	-0.004076	5.86188	23.5957	-0.013438
3.42325	77.3716	86.533	667.261	630.19	-0.004076	5.86594	23.8424	-0.013125
3.42425	76.9617	86.6698	667.146	629.234	-0.004076	5.86562	23.6944	-0.01375
3.42525	77.235	87.0803	666.347	629.097	-0.004076	5.86344	23.8918	-0.012813
3.42625	77.235	86.533	666.461	629.097	0.036685	5.86656	23.9411	-0.013438
3.42725	76.9617	86.533	665.433	628.415	-0.008152	5.85969	23.8424	-0.014063
3.42825	76.9617	86.8066	664.748	627.868	0.028532	5.85719	23.7437	-0.013438
3.42925	76.5517	86.8066	664.634	627.595	-0.012228	5.85594	23.5463	-0.014063

3.43025	77.235	86.533	663.263	627.049	-0.016304	5.85562	23.9411	-0.014063
3.43125	77.235	87.0803	663.491	625.819	-0.004076	5.85437	24.0398	-0.011563
3.43225	77.5083	86.533	663.036	626.683	0.02038	5.85469	24.0398	-0.010938
3.43325	77.7816	86.6698	661.892	624.863	-0.016304	5.85594	23.8424	-0.013438
3.43425	77.7816	86.8066	661.207	625.137	-0.004076	5.85375	24.2372	-0.013438
3.43525	77.0983	86.533	660.864	624.59	-0.004076	5.85344	24.3359	-0.01375
3.43625	77.0983	86.8066	660.293	624.863	-0.004076	5.85594	24.2372	-0.013125
3.43725	77.9183	86.8066	659.951	624.18	-0.004076	5.85906	24.5332	-0.013438
3.43825	76.9617	87.2171	659.608	624.317	0.028532	5.85594	24.5332	-0.012813
3.43925	77.3716	86.8066	658.694	624.044	0.024456	5.85844	24.3359	-0.011563
3.44025	77.5083	86.533	658.694	623.771	-0.004076	5.85719	24.7306	-0.011875
3.44125	76.0549	86.9434	658.694	623.634	-0.004076	5.85812	24.8319	-0.012813
3.44225	77.235	86.6698	658.466	623.771	-0.004076	5.85969	24.928	-0.012188
3.44325	77.3716	86.533	658.466	622.542	-0.004076	5.85344	25.1254	-0.010313
3.44425	77.235	86.6698	657.781	623.498	-0.004076	5.82844	24.8813	-0.015313
3.44525	77.3716	86.8066	657.324	623.634	-0.004076	5.80687	25.1254	-0.013438
3.44625	77.235	86.1225	657.552	623.907	-0.004076	5.79156	25.076	-0.013438
3.44725	77.235	86.533	657.781	624.044	-0.008152	5.83281	25.0267	-0.012813
3.44825	77.235	86.533	656.638	623.771	0.02038	5.87406	25.1747	-0.012813
3.44925	76.6884	87.0803	655.953	623.224	-0.004076	5.85906	25.2734	-0.012813
3.45025	76.825	87.0803	656.41	623.771	0.040761	5.86344	25.3721	-0.014688
3.45125	77.3716	86.2593	655.953	623.224	-0.004076	5.85906	25.6188	-0.014688
3.45225	76.9617	87.2171	655.61	624.18	-0.004076	5.86094	25.6682	-0.013125
3.45325	76.9617	85.9857	655.268	623.771	-0.004076	5.85781	25.6162	-0.012813
3.45425	77.3716	86.533	655.154	623.224	-0.008152	5.85594	25.6188	-0.012813
3.45525	76.9617	86.533	655.039	622.678	-0.02038	5.85219	25.7175	-0.0125
3.45625	76.9617	86.8066	654.126	623.771	-0.008152	5.85469	26.1616	-0.014063
3.45725	77.3716	86.6698	653.554	622.678	-0.004076	5.85125	26.211	-0.012813
3.45825	77.3716	86.6698	653.554	623.498	-0.004076	5.85125	26.0136	-0.013438
3.45925	77.235	86.8066	652.755	624.044	-0.004076	5.85344	26.1616	-0.012188
3.46025	77.0983	87.2171	652.755	623.634	-0.004076	5.85094	26.3096	-0.013438
3.46125	77.5083	86.8066	653.554	624.18	0.02038	5.85094	26.2603	-0.013438
3.46225	76.9617	86.8066	653.212	624.044	-0.008152	5.85219	26.4063	-0.013438
3.46325	76.825	87.2171	652.298	623.086	-0.02038	5.85281	26.6551	-0.013125
3.46425	77.5083	86.8066	652.641	623.498	-0.004076	5.85469	26.6551	-0.013438
3.46525	77.235	86.8066	651.384	623.498	-0.004076	5.85594	26.9016	-0.010938
3.46625	77.235	86.6698	651.613	621.995	-0.024456	5.85906	26.9016	-0.014375
3.46725	76.6884	87.0803	651.156	622.678	-0.004076	5.86156	26.8031	-0.011875
3.46825	76.6884	87.2171	652.07	623.771	-0.004076	5.86219	27.5926	-0.014063
3.46925	77.0983	86.1225	651.727	623.771	-0.004076	5.86406	27.2472	-0.014063
3.47025	76.9617	86.1225	651.27	623.771	-0.004076	5.86469	27.3952	-0.013125
3.47125	77.5083	86.3962	650.927	623.498	0.028532	5.83687	27.4939	-0.012188
3.47225	77.235	86.533	650.699	623.634	0.057065	5.81781	27.5926	-0.013438
3.47325	76.9617	86.533	650.471	624.59	-0.008152	5.79906	27.6913	-0.014063
3.47425	77.5083	86.8066	650.471	624.18	-0.004076	5.82469	27.938	-0.012813
3.47525	76.9617	86.2593	650.927	624.59	-0.02038	5.87719	27.9874	-0.014688
3.47625	76.9617	86.3962	650.242	624.317	-0.004076	5.86219	27.79	-0.013438
3.47725	77.235	86.6698	649.557	622.405	-0.044837	5.86188	27.5926	-0.014375
3.47825	77.6449	87.2171	649.557	624.044	-0.016304	5.86219	27.79	-0.014375

3.47925	77.235	86.3962	650.471	625.41	-0.004076	5.86594	28.5795	-0.012813
3.48025	77.0983	86.6698	648.986	625.41	-0.004076	5.86094	28.2834	-0.011563
3.48125	76.9617	86.8066	649.699	624.863	-0.004076	5.85969	28.1354	-0.012188
3.48225	76.9617	86.8066	649.785	624.863	-0.012228	5.85875	28.5302	-0.012813
3.48325	77.6449	86.3962	649.328	625.137	0.028532	5.85469	28.8262	-0.011563
3.48425	77.235	86.8066	649.328	624.863	-0.004076	5.85281	28.5795	-0.01125
3.48525	77.3716	86.3962	649.328	626.229	-0.004076	5.85156	28.7769	-0.014688
3.48625	77.5083	86.533	648.872	624.863	-0.004076	5.85219	28.8262	-0.012813
3.48725	77.5083	86.8066	648.872	624.863	-0.008152	5.85313	29.0236	-0.012188
3.48825	76.9617	86.533	648.415	624.59	-0.036685	5.84969	28.3821	-0.015313
3.48925	76.9617	86.8066	648.643	624.863	-0.004076	5.85594	28.8262	-0.014688
3.49025	77.235	86.8066	648.986	625.819	-0.004076	5.85719	29.6651	-0.012813
3.49125	77.235	86.8066	648.986	625.819	-0.004076	5.85812	29.2703	-0.013438
3.49225	76.9617	86.8066	648.872	625.683	-0.008152	5.86094	29.369	-0.014063
3.49325	77.5083	86.533	648.529	625.41	0.028532	5.85906	29.5664	-0.012813
3.49425	77.235	86.8066	648.415	625.956	0.032609	5.85938	29.5171	-0.012813
3.49525	77.3716	86.6698	648.643	626.776	-0.004076	5.86281	29.5664	-0.013125
3.49625	77.5083	86.6698	648.186	626.776	-0.004076	5.86344	29.8131	-0.012813
3.49725	77.5083	86.3962	648.529	627.322	-0.004076	5.85781	29.9118	-0.012813
3.49825	77.235	86.533	648.415	626.776	-0.004076	5.83594	29.8625	-0.012188
3.49925	77.235	86.533	648.186	624.454	-0.052989	5.81406	29.369	-0.012188
3.50025	77.5083	86.8066	647.729	626.639	-0.004076	5.79969	29.9612	-0.012813
3.50125	77.5083	86.2593	648.186	627.049	-0.004076	5.80844	30.5039	-0.012813
3.50225	77.235	86.8066	648.186	627.322	-0.016304	5.87687	30.0105	-0.014688
3.50325	77.3716	86.3962	647.729	627.595	-0.004076	5.86094	30.3559	-0.013125
3.50425	76.9617	86.8066	647.615	627.595	-0.004076	5.86156	30.3559	-0.012188
3.50525	77.5083	86.6698	648.186	627.732	-0.012228	5.86125	30.5039	-0.013438
3.50625	77.3716	86.9434	648.186	627.049	0.028532	5.85906	30.6026	-0.013125
3.50725	76.9617	86.8066	648.186	627.732	-0.004076	5.85781	30.3559	-0.01375
3.50825	77.235	86.6698	648.072	628.141	-0.004076	5.85781	30.652	-0.013125
3.50925	77.235	86.8066	648.072	627.595	-0.004076	5.85594	30.7507	-0.013438
3.51025	77.235	86.9434	647.615	626.366	-0.036685	5.85313	30.3066	-0.0175
3.51125	77.3716	86.6698	647.272	628.005	-0.004076	5.85437	30.8967	-0.014063
3.51225	77.235	86.533	647.501	628.551	-0.004076	5.85562	31.3428	-0.013125
3.51325	77.5083	86.8066	647.729	628.415	-0.004076	5.85656	31.0467	-0.013125
3.51425	77.6449	86.8066	648.186	628.961	0.044837	5.85938	31.3428	-0.011563
3.51525	77.3716	86.8066	647.958	628.551	-0.004076	5.85687	31.3428	-0.013125
3.51625	76.6884	87.3539	647.501	628.415	0.028532	5.85687	31.2441	-0.014688
3.51725	77.3716	86.533	647.615	628.005	-0.02038	5.85656	31.5895	-0.013438
3.51825	77.0983	86.8066	647.501	628.415	-0.004076	5.85844	31.4415	-0.013438
3.51925	77.3716	86.8066	647.844	629.234	-0.012228	5.86156	31.3922	-0.014063
3.52025	77.3716	86.8066	648.186	629.097	-0.004076	5.85938	31.5895	-0.014688
3.52125	76.6884	86.8066	648.3	628.824	-0.016304	5.8575	31.7376	-0.012188
3.52225	77.3716	86.8066	647.272	629.234	-0.004076	5.86219	31.5402	-0.015313
3.52325	77.0983	86.8066	647.958	629.234	-0.004076	5.86281	32.0336	-0.014375
3.52425	77.235	86.8066	647.272	630.463	0.02038	5.85781	31.9349	-0.013438
3.52525	77.7616	86.533	647.729	630.054	-0.004076	5.83969	32.083	-0.013125
3.52625	77.235	86.3962	647.272	629.78	-0.004076	5.81406	31.9349	-0.014063
3.52725	77.235	86.2593	648.415	630.19	-0.004076	5.79406	31.9349	-0.012813

3.52825	77.3716	86.1225	648.415	630.19	0.036685	5.79688	32.231	-0.012813
3.52925	77.235	86.533	647.729	630.327	-0.012228	5.86969	32.0336	-0.01375
3.53025	77.5083	86.533	648.415	631.419	-0.004076	5.85844	32.231	-0.0125
3.53125	77.5083	86.8066	647.958	630.327	-0.004076	5.86156	32.3297	-0.012188
3.53225	77.6449	86.6698	648.643	630.19	-0.024456	5.86125	32.379	-0.010313
3.53325	76.9617	87.0803	647.615	630.6	-0.008152	5.85969	32.5271	-0.013438
3.53425	77.5083	85.8489	647.729	630.673	-0.004076	5.85875	32.9218	-0.014063
3.53625	77.5083	86.6698	648.415	631.283	-0.02038	5.85906	32.7245	-0.0125
3.53625	77.5083	86.8066	648.529	631.693	-0.004076	5.85969	33.0205	-0.012813
3.53725	77.9163	87.0803	648.186	631.966	-0.004076	5.85469	32.7245	-0.01375
3.53825	77.5083	86.8066	647.729	632.512	-0.004076	5.85531	33.0205	-0.012813
3.53925	77.3716	86.8066	649.1	632.239	-0.004076	5.85562	32.9712	-0.014063
3.54025	77.5083	86.8066	648.643	632.785	-0.004076	5.85406	33.1192	-0.01375
3.54125	77.235	86.8066	649.328	633.605	-0.004076	5.85562	33.0699	-0.014063
3.54226	77.235	86.8066	648.415	632.785	-0.012228	5.85219	33.3166	-0.013438
3.54326	77.3716	86.6698	649.443	633.058	-0.004076	5.85344	33.0699	-0.013438
3.54426	77.5083	86.8066	648.529	632.922	-0.012228	5.85344	33.3166	-0.014688
3.54526	76.9617	86.6698	648.872	633.058	-0.004076	5.85406	33.9581	-0.012813
3.54626	77.235	86.8066	649.1	633.331	0.028532	5.85469	33.4153	-0.01375
3.54726	77.235	87.0803	649.1	633.605	-0.004076	5.85531	33.662	-0.012813
3.54826	77.3716	86.6698	649.328	633.605	-0.004076	5.85719	33.4153	-0.013125
3.54926	77.7816	86.8066	648.643	634.697	-0.004076	5.85844	33.6127	-0.013438
3.55026	77.235	86.8066	648.872	634.151	-0.004076	5.85844	33.6127	-0.014063
3.55126	76.6884	87.4906	649.214	634.151	-0.012228	5.85781	33.61	-0.014375
3.55226	77.0983	86.8066	649.328	635.79	-0.004076	5.84719	33.6127	-0.014375
3.55326	77.3716	86.6698	649.785	635.107	-0.004076	5.81968	33.9087	-0.013125
3.55426	77.235	86.6698	650.927	636.79	-0.004076	5.80094	33.7114	-0.010938
3.55526	77.5083	86.8066	649.328	635.244	-0.004076	5.78719	33.61	-0.014063
3.55626	77.235	86.8066	649.899	636.609	-0.004076	5.85375	34.0568	-0.013438
3.55726	77.235	86.6698	649.785	635.517	-0.004076	5.86062	34.0568	-0.013438
3.55826	77.3716	86.533	650.242	637.429	-0.004076	5.85969	33.8594	-0.012813
3.55926	77.235	86.8066	649.557	637.292	-0.004076	5.85844	34.0074	-0.01375
3.56026	77.3716	86.8066	649.899	637.702	-0.004076	5.85594	33.81	-0.014375
3.56126	77.5083	86.533	649.557	637.292	0.02038	5.85469	34.1061	-0.013438
3.56226	78.0549	86.533	649.899	637.975	-0.004076	5.85469	34.1061	-0.012813
3.56326	77.235	86.6698	650.242	639.614	-0.004076	5.85313	34.1061	-0.014063
3.56426	76.825	87.0803	649.557	637.839	-0.004076	5.85156	33.9087	-0.012188
3.56526	76.9617	87.0803	650.813	639.068	-0.004076	5.85219	34.2541	-0.010938
3.56626	76.6884	87.0803	649.328	639.478	-0.004076	5.85187	34.0074	-0.013125
3.56726	76.9617	86.8066	650.471	639.887	-0.004076	5.84812	34.6489	-0.012813
3.56826	76.6884	86.8066	650.356	640.161	-0.008152	5.85156	34.5009	-0.012813
3.56926	77.5083	86.6698	650.471	640.57	0.032609	5.85125	34.5996	-0.012813
3.57026	77.3716	86.2593	650.813	641.117	-0.004076	5.85219	34.3035	-0.012188
3.57126	77.6449	86.533	650.242	641.117	-0.004076	5.85219	34.2541	-0.014688
3.57226	77.235	86.6698	650.471	641.8	0.032609	5.85219	34.6489	-0.012813
3.57326	77.3716	86.8066	650.471	641.8	-0.028532	5.84969	34.3035	-0.01375
3.57426	77.235	86.2593	650.927	643.712	-0.004076	5.85094	34.6982	-0.013438
3.57526	76.9617	86.6698	650.813	641.8	-0.004076	5.85219	34.3035	-0.014063
3.57626	77.5083	86.8066	651.156	643.165	-0.02038	5.85281	34.5009	-0.011875

3.57726	77.3716	86.6698	650.471	643.165	-0.008152	5.85094	34.5009	-0.014688
3.57826	77.235	86.6698	651.27	643.712	-0.008152	5.85313	34.8956	-0.014688
3.57926	77.0183	86.8066	650.927	643.985	-0.004076	5.84969	34.5996	-0.013125
3.58026	77.3716	86.8066	651.27	645.078	-0.004076	5.82937	34.6489	-0.011875
3.58126	76.9617	86.8066	650.927	644.531	-0.004076	5.80562	34.8463	-0.012813
3.58226	77.3716	86.8066	651.27	645.078	-0.004076	5.78469	35.0437	-0.011875
3.58326	77.235	86.533	651.613	646.17	-0.004076	5.78969	34.945	-0.012188
3.58426	77.235	86.6698	652.07	646.58	-0.016304	5.85969	34.6982	-0.014063
3.58526	77.0983	86.2593	651.27	647.126	-0.004076	5.84406	34.7969	-0.015313
3.58626	77.5083	86.533	651.613	646.717	-0.004076	5.84844	34.9943	-0.012188
3.58726	76.6684	86.8066	652.298	646.717	-0.012228	5.84406	34.7969	-0.010313
3.58826	77.235	86.8066	650.471	648.219	-0.004076	5.84469	34.6982	-0.01375
3.58926	77.7816	86.8066	651.613	647.263	-0.008152	5.84219	35.2904	-0.012813
3.59026	77.235	87.2171	651.727	649.175	-0.004076	5.84219	34.9943	-0.014063
3.59126	77.235	86.8066	652.526	649.448	-0.004076	5.83812	34.7969	-0.014063
3.59226	76.6684	87.0803	651.613	650.131	-0.004076	5.83719	35.2904	-0.011563
3.59326	77.7816	86.9434	651.384	650.814	-0.004076	5.83469	35.093	-0.012813
3.59426	77.5083	86.8066	652.526	650.951	0.028532	5.83719	34.8956	-0.012188
3.59526	77.235	86.8066	652.298	651.633	-0.016304	5.83812	35.093	-0.012813
3.59626	77.0983	87.0803	651.841	653.819	-0.004076	5.83969	35.093	-0.013438
3.59726	77.3716	87.0803	651.384	653.136	-0.004076	5.83969	35.0437	-0.012813
3.59826	77.5083	86.6698	651.384	652.999	-0.004076	5.83906	35.093	-0.010625
3.59926	77.6449	86.8066	651.841	653.409	-0.004076	5.84344	35.093	-0.013438
3.60026	77.3716	87.0803	651.841	654.092	-0.004076	5.84156	35.093	-0.013438
3.60126	77.7816	86.6698	651.613	654.365	-0.004076	5.84219	35.093	-0.013125
3.60226	76.9617	86.2593	652.184	655.185	-0.008152	5.84469	35.6358	-0.013125
3.60326	77.0983	86.6698	652.755	656.277	-0.004076	5.84625	35.2904	-0.011875
3.60426	77.235	86.8066	652.526	656.824	0.02038	5.84469	35.1917	-0.015313
3.60526	77.5083	86.8066	652.298	656.55	0.02038	5.84812	36.3891	-0.012813
3.60626	77.235	86.8066	652.298	657.233	-0.012228	5.84719	35.3891	-0.012813
3.60726	77.3716	86.3962	652.983	658.599	-0.004076	5.84219	35.2904	-0.014688
3.60826	77.235	87.3539	652.298	658.053	-0.004076	5.81906	35.3397	-0.015313
3.60926	76.4151	87.0803	653.212	658.736	-0.004076	5.80219	35.4384	-0.010313
3.61026	77.5083	86.2593	652.07	659.282	-0.004076	5.78312	35.5865	-0.014063
3.61126	76.9617	86.8066	652.298	659.828	0.028532	5.81156	35.4384	-0.012813
3.61226	77.7816	86.8066	652.641	660.648	-0.004076	5.85719	35.6358	-0.015313
3.61326	77.0983	86.8066	652.641	660.648	-0.004076	5.84469	35.4878	-0.01375
3.61426	77.235	86.1225	652.983	661.877	-0.004076	5.84906	35.5865	-0.010625
3.61526	77.235	86.8066	653.212	662.56	-0.004076	5.84687	35.1917	-0.01375
3.61626	77.3716	86.8066	652.983	662.833	0.024456	5.84469	35.4878	-0.013438
3.61726	77.3716	86.8066	652.755	663.926	-0.012228	5.84406	35.4878	-0.013438
3.61826	77.7816	86.6698	652.641	665.838	-0.004076	5.84375	35.7345	-0.013438
3.61926	77.0983	86.8066	652.626	663.926	-0.004076	5.84469	35.6851	-0.013438
3.62026	77.235	86.8066	653.212	665.292	-0.012228	5.84094	35.5371	-0.011875
3.62126	76.9617	86.8066	652.983	665.155	-0.004076	5.83844	35.5371	-0.013125
3.62226	77.6449	86.8066	652.755	666.111	-0.004076	5.83969	35.4878	-0.013438
3.62326	77.235	87.3539	652.755	666.658	-0.004076	5.83969	35.7345	-0.013438
3.62426	76.6684	87.0803	652.983	667.477	-0.004076	5.83969	35.6851	-0.014063
3.62526	76.9617	86.8066	653.098	667.75	-0.004076	5.84156	35.5371	-0.01375

3.62626	76.9617	87.0803	652.669	668.57	-0.004076	5.83969	35.5371	-0.015313
3.62726	77.235	86.6696	653.326	668.433	0.028532	5.83969	35.4878	-0.013125
3.62826	76.9617	86.8066	653.669	669.116	-0.004076	5.84312	35.3891	-0.013438
3.62926	77.5083	86.533	653.669	670.209	-0.004076	5.84312	35.4878	-0.014375
3.63026	77.3716	86.6696	653.326	670.482	-0.008152	5.84469	35.4878	-0.012188
3.63126	76.9617	86.533	654.011	670.892	-0.012228	5.84469	35.4878	-0.007813
3.63226	76.9617	87.3539	652.983	670.755	-0.008152	5.84594	35.4384	-0.014063
3.63326	76.9617	86.6696	653.212	671.575	-0.004076	5.84719	35.1917	-0.014063
3.63426	77.235	86.533	653.212	672.804	-0.004076	5.84594	35.6851	-0.011875
3.63526	77.5083	86.533	653.669	672.94	0.028532	5.82781	35.3891	-0.013438
3.63626	77.3716	87.0803	653.783	673.76	-0.004076	5.80906	35.2904	-0.013438
3.63726	77.5083	86.8066	653.212	674.033	-0.004076	5.78656	35.0437	-0.012813
3.63826	77.235	86.8066	653.897	673.623	0.036685	5.77156	35.093	-0.012813
3.63926	77.3716	86.6696	654.126	674.852	-0.004076	5.83531	34.9943	-0.012188
3.64026	76.6884	87.0803	653.326	676.765	-0.004076	5.84969	34.8956	-0.012813
3.64126	77.3716	86.8066	653.669	675.672	-0.004076	5.84406	35.093	-0.012813
3.64226	77.235	86.3962	653.897	676.628	-0.004076	5.84906	34.7969	-0.011875
3.64326	77.3716	86.8066	654.126	677.038	-0.004076	5.84594	34.945	-0.012813
3.64426	77.235	87.2171	653.669	677.311	-0.02038	5.84469	34.7969	-0.014375
3.64526	76.9617	86.8066	654.354	678.677	0.028532	5.84469	34.8489	-0.014063
3.64626	76.9617	86.8066	653.897	678.404	-0.004076	5.84469	34.7969	-0.014063
3.64726	76.9617	87.3539	653.897	679.36	0.024456	5.84219	34.945	-0.013438
3.64826	77.235	86.1225	654.697	680.043	-0.008152	5.83906	34.8956	-0.014063
3.64926	76.9617	86.8066	654.011	679.496	0.048913	5.83844	34.7969	-0.015313
3.65026	77.235	86.8066	653.897	681.272	-0.008152	5.83969	34.7969	-0.012188
3.65126	77.235	86.8066	653.669	681.682	-0.004076	5.83906	34.8463	-0.014063
3.65226	77.9183	86.8066	654.468	681.406	-0.004076	5.84406	34.8982	-0.012188
3.65326	77.235	86.533	655.039	682.501	-0.004076	5.84156	34.5502	-0.011875
3.65426	76.9617	86.8066	654.126	682.091	-0.024456	5.83938	34.4022	-0.015313
3.65526	77.0983	86.8066	654.468	683.73	-0.004076	5.84406	34.5009	-0.014375
3.65626	77.3716	86.8066	654.582	683.867	0.02038	5.84656	34.8463	-0.014063
3.65726	77.0983	86.8066	654.126	683.867	-0.004076	5.84469	34.5009	-0.014063
3.65826	76.9617	86.8066	654.468	684.003	-0.004076	5.85125	34.4022	-0.014688
3.65926	76.6884	87.0803	654.697	684.686	-0.004076	5.84937	34.3035	-0.013125
3.66026	77.235	86.6696	654.582	684.96	0.032609	5.85219	34.1555	-0.012813
3.66126	77.235	86.8066	654.582	684.96	-0.004076	5.85187	34.2048	-0.01375
3.66226	76.9617	86.8066	654.582	686.052	-0.004076	5.85031	34.2048	-0.012813
3.66326	77.5083	86.533	654.811	686.052	-0.004076	5.82656	34.1061	-0.015313
3.66426	76.9617	86.9434	654.126	684.96	-0.012228	5.80219	33.9087	-0.013438
3.66526	77.5083	86.533	655.039	684.96	-0.02038	5.78312	33.9087	-0.013125
3.66626	76.825	86.8066	654.582	685.779	0.024456	5.80219	34.3035	-0.011875
3.66726	76.9617	86.8066	655.039	687.145	-0.004076	5.86812	33.81	-0.012813
3.66826	77.0983	86.8066	655.039	687.008	-0.004076	5.84969	33.81	-0.014375
3.66926	77.235	86.2593	654.811	687.691	-0.004076	5.85781	33.9087	-0.010313
3.67026	77.235	86.8066	655.039	686.872	0.024456	5.84969	33.8594	-0.012813
3.67126	76.4161	87.0803	655.039	688.547	0.044837	5.85219	33.7114	-0.013438
3.67226	77.5083	86.6696	654.582	687.555	-0.004076	5.84875	33.7114	-0.013438
3.67326	77.3716	86.9434	655.268	688.547	0.02038	5.84844	33.3166	-0.013438
3.67426	77.0983	86.8066	655.268	687.964	-0.004076	5.84594	33.3166	-0.014375

3.67526	77.235	86.8066	654.582	689.057	-0.004076	5.84469	33.514	-0.012813
3.67626	77.235	86.533	654.126	687.691	-0.02038	5.84281	33.2179	-0.014063
3.67726	77.235	86.8066	654.354	689.057	-0.012228	5.84219	33.514	-0.014063
3.67826	76.0549	86.6698	654.697	689.33	-0.004076	5.84219	34.0074	-0.010938
3.67926	77.3716	87.0803	654.468	690.013	-0.004076	5.84781	33.0699	-0.012813
3.68026	77.3716	86.6698	654.925	690.423	0.02038	5.84844	33.4153	-0.012813
3.68127	76.9617	86.8066	654.126	689.603	-0.004076	5.84437	33.3166	-0.014063
3.68227	76.9617	86.6698	654.811	690.423	0.032609	5.8475	33.3166	-0.013125
3.68327	76.625	86.9434	654.126	690.696	-0.012228	5.84844	32.9712	-0.012813
3.68427	76.9617	86.8066	653.897	690.833	-0.006152	5.84969	33.1192	-0.011875
3.68527	77.5083	86.533	654.468	691.652	-0.004076	5.85156	33.3166	-0.0125
3.68627	76.9617	86.6698	654.354	690.15	-0.004076	5.85156	33.2179	-0.012813
3.68727	77.7816	86.8066	655.039	690.423	-0.02038	5.84969	33.0205	-0.013438
3.68827	77.0983	86.2593	654.011	690.969	-0.004076	5.85375	33.2179	-0.013438
3.68927	76.9617	86.8066	654.354	691.379	-0.004076	5.85562	33.1192	-0.013438
3.69027	77.3716	86.6698	653.44	691.652	-0.004076	5.83594	32.9218	-0.014063
3.69127	77.235	86.6698	654.811	692.608	-0.004076	5.81687	32.9218	-0.014063
3.69227	77.5083	86.8066	654.811	692.082	-0.004076	5.79469	32.8232	-0.012813
3.69327	77.0983	87.0803	654.354	692.608	0.036685	5.79469	33.0699	-0.012188
3.69427	77.3716	86.533	654.354	692.335	-0.004076	5.86344	32.7245	-0.012813
3.69527	77.3716	86.6698	654.582	693.974	-0.004076	5.85687	33.0205	-0.012813
3.69627	77.5083	86.8066	654.468	692.608	0.024456	5.8575	32.9218	-0.012813
3.69727	77.9183	86.8066	654.126	692.608	-0.004076	5.85281	32.9218	-0.013125
3.69827	77.235	86.8066	654.126	691.516	-0.036685	5.85375	32.1323	-0.015938
3.69927	77.235	86.6698	653.669	692.608	-0.004076	5.85469	32.7245	-0.011563
3.70027	77.235	87.0803	654.126	692.608	-0.004076	5.85313	33.3659	-0.011875
3.70127	77.3716	87.0803	654.582	693.154	0.028532	5.85187	32.7245	-0.011563
3.70227	77.5083	86.6698	654.126	693.974	0.02038	5.85094	32.6751	-0.013438
3.70327	77.0983	86.8066	654.582	693.154	-0.004076	5.84656	32.379	-0.012188
3.70427	77.235	86.6698	654.925	693.974	0.02038	5.84844	32.5271	-0.015313
3.70527	76.5617	86.8066	654.811	694.111	-0.004076	5.8475	32.3297	-0.014063
3.70627	77.3716	86.6698	653.554	693.701	-0.004076	5.84812	32.1323	-0.014063
3.70727	77.5083	86.8066	654.011	693.701	-0.004076	5.84594	32.4284	-0.014063
3.70827	77.235	86.1225	654.24	693.154	-0.004076	5.84844	32.379	-0.014688
3.70927	77.235	86.533	654.582	692.608	-0.028532	5.84719	31.7869	-0.012813
3.71027	77.0983	87.0803	654.126	693.154	-0.004076	5.84875	31.9349	-0.013438
3.71127	77.6449	86.533	653.669	693.974	-0.012228	5.85219	32.3297	-0.013438
3.71227	77.235	86.6698	653.44	693.701	-0.004076	5.85406	32.083	-0.012188
3.71327	77.235	86.8066	653.554	694.111	-0.004076	5.85781	31.9843	-0.013438
3.71427	77.5083	86.9434	653.897	693.291	-0.004076	5.85437	31.9349	-0.014063
3.71527	76.9617	86.8066	653.783	693.428	-0.004076	5.85656	31.9349	-0.014063
3.71627	77.235	86.8066	653.554	694.52	-0.004076	5.85656	31.8363	-0.014375
3.71727	76.9617	86.8066	653.554	693.974	-0.012228	5.84594	31.6882	-0.012188
3.71827	77.5083	86.8066	653.897	694.384	-0.004076	5.82469	31.6389	-0.0125
3.71927	77.3716	86.8066	653.897	693.701	-0.004076	5.80469	31.7376	-0.015313
3.72027	77.3716	85.9857	653.098	692.608	-0.040761	5.79156	31.4415	-0.014688
3.72127	77.235	86.8066	653.212	693.974	-0.004076	5.85969	31.7376	-0.015313
3.72227	77.5083	86.8066	653.554	694.111	-0.004076	5.86125	32.3297	-0.012813
3.72327	76.9617	86.8066	653.212	694.52	-0.004076	5.86875	31.6882	-0.013438

3.72427	77.0983	86.9434	653.783	694.247	-0.004076	5.86094	31.5402	-0.011563
3.72527	77.6449	86.533	653.212	694.52	-0.004076	5.85781	31.4415	-0.012813
3.72627	76.9617	87.0803	653.897	695.067	-0.004076	5.85625	31.3428	-0.013438
3.72727	77.235	86.533	653.212	694.384	-0.004076	5.85469	31.3428	-0.013125
3.72827	77.235	86.6698	653.44	694.52	-0.02038	5.85594	31.3922	-0.012188
3.72927	77.3716	86.8066	653.212	694.793	-0.004076	5.85156	31.3428	-0.014063
3.73027	76.9617	86.533	653.212	694.793	-0.012228	5.85156	31.2441	-0.014688
3.73127	76.9617	86.8066	652.07	692.335	-0.044837	5.84656	30.8	-0.015
3.73227	77.3716	86.6698	652.983	694.52	-0.012228	5.85281	30.9974	-0.014063
3.73327	77.3716	86.1225	653.212	694.793	-0.004076	5.85156	31.5402	-0.012813
3.73427	77.3716	86.6698	652.641	695.067	-0.004076	5.85437	31.0467	-0.012813
3.73527	77.5083	86.8066	652.983	694.793	0.028532	5.85719	31.0467	-0.014688
3.73627	77.235	86.8066	653.212	694.793	-0.004076	5.85281	31.1454	-0.013438
3.73727	76.9617	86.8066	653.098	695.34	-0.004076	5.85469	30.9481	-0.013438
3.73827	77.0983	87.3539	652.983	694.793	0.028532	5.85844	30.8987	-0.012813
3.73927	77.3716	86.8066	652.755	695.067	-0.004076	5.85719	31.0467	-0.014375
3.74027	77.5083	86.533	653.212	694.247	0.016304	5.85719	30.7013	-0.012813
3.74127	77.5083	86.8066	652.184	694.657	-0.004076	5.85969	31.0467	-0.014063
3.74227	77.3716	86.2593	653.669	694.247	-0.024456	5.86281	30.7013	-0.010938
3.74327	77.5083	86.8066	652.298	694.657	-0.004076	5.86156	30.5533	-0.015625
3.74427	77.235	86.6698	652.641	694.111	-0.004076	5.84375	30.7507	-0.013438
3.74527	77.3716	86.2593	652.755	694.793	-0.004076	5.82375	30.652	-0.015313
3.74627	77.5083	86.533	652.298	694.52	-0.004076	5.80656	30.652	-0.01375
3.74727	77.0983	86.8066	652.526	694.793	-0.004076	5.79312	30.7507	-0.014063
3.74827	77.235	86.8066	651.841	695.34	-0.004076	5.86719	30.5533	-0.013125
3.74927	76.9617	86.6698	651.841	694.52	-0.004076	5.86437	30.5533	-0.012188
3.75027	77.235	86.533	651.841	694.793	-0.004076	5.86375	30.3559	-0.014063
3.75127	77.5083	86.533	651.841	696.159	-0.004076	5.86437	30.2572	-0.010938
3.75227	77.3716	86.533	652.298	694.52	-0.004076	5.86281	30.3559	-0.014063
3.75327	77.7816	86.8066	652.298	694.247	-0.016304	5.85969	30.1585	-0.014375
3.75427	77.3716	86.533	651.384	694.111	-0.004076	5.85656	30.1585	-0.014063
3.75527	77.3716	86.8066	652.298	694.247	0.02038	5.8575	30.5533	-0.012813
3.75627	77.3716	86.533	651.841	694.793	-0.008152	5.85562	30.2079	-0.013438
3.75727	77.7816	86.8066	651.384	694.793	-0.004076	5.85687	29.7636	-0.013125
3.75827	77.235	86.8066	651.384	694.793	-0.02038	5.85469	30.0598	-0.012188
3.75927	76.9617	86.8066	651.384	695.067	-0.004076	5.86344	29.9612	-0.013125
3.76027	77.5083	86.6698	651.384	694.793	-0.004076	5.85781	30.0598	-0.012813
3.76127	76.9617	87.0803	651.613	694.793	-0.004076	5.85906	30.0598	-0.013125
3.76227	77.5083	86.6698	651.613	695.886	-0.004076	5.85531	30.0598	-0.013125
3.76327	77.3716	86.533	651.613	694.793	-0.004076	5.85406	30.0598	-0.012813
3.76427	77.3716	86.8066	652.755	694.793	-0.004076	5.85844	29.7638	-0.011563
3.76527	77.0983	86.6698	650.699	694.111	-0.004076	5.85969	29.6651	-0.015
3.76627	76.6864	87.0803	651.156	694.793	-0.004076	5.86188	29.7144	-0.012813
3.76727	77.6449	86.533	651.613	694.657	0.028532	5.86344	29.8625	-0.013125
3.76827	77.235	86.6698	651.27	694.793	-0.004076	5.86531	29.8131	-0.014375
3.76927	76.9617	87.3539	651.156	694.52	-0.004076	5.86344	29.369	-0.012188
3.77027	77.235	86.533	650.927	694.793	-0.004076	5.86375	29.5664	-0.012813
3.77127	76.9617	86.533	651.156	694.793	-0.004076	5.84875	29.6651	-0.014063
3.77227	77.0983	86.8066	650.471	695.203	-0.012228	5.82219	29.5664	-0.014688

3.77327	77.3716	86.8066	650.813	695.886	-0.004076	5.80312	29.5171	-0.014063
3.77427	77.235	86.6698	650.471	694.52	-0.004076	5.80187	29.4677	-0.012813
3.77527	77.235	86.8066	651.27	694.793	-0.02038	5.87406	29.4677	-0.01125
3.77627	77.235	86.8066	650.471	695.067	-0.016304	5.86594	29.5684	-0.014063
3.77727	77.235	86.6698	650.014	695.067	-0.004076	5.86906	30.1585	-0.013438
3.77827	77.3716	86.8066	650.471	695.067	-0.004076	5.86719	29.2703	-0.013438
3.77927	77.235	86.533	650.471	695.476	-0.004076	5.86719	29.4677	-0.014063
3.78027	77.3716	86.1225	650.471	694.247	-0.012228	5.86531	29.1716	-0.014688
3.78127	77.5083	86.533	650.471	695.203	-0.004076	5.86469	29.1716	-0.013438
3.78227	77.235	86.8066	649.899	694.247	-0.004076	5.86344	29.1716	-0.012188
3.78327	77.235	86.2593	650.356	693.974	-0.016304	5.86094	29.221	-0.010313
3.78427	77.3716	86.2593	650.471	695.34	-0.004076	5.86094	29.2703	-0.012813
3.78527	77.5083	88.533	650.356	694.793	-0.004076	5.85719	29.073	-0.0125
3.78627	77.3716	86.6698	651.156	694.52	-0.004076	5.85656	29.221	-0.010625
3.78727	77.235	86.8066	649.328	694.111	-0.004076	5.85969	29.073	-0.015625
3.78827	76.9617	86.8066	649.785	694.247	-0.004076	5.85844	29.1716	-0.014063
3.78927	77.235	86.2593	650.356	695.476	-0.004076	5.85969	28.8756	-0.014688
3.79027	77.235	86.2593	650.242	694.793	-0.004076	5.86344	29.2703	-0.014063
3.79127	76.9617	86.1225	650.356	694.793	-0.004076	5.86437	28.9743	-0.013438
3.79227	77.3716	86.533	649.671	694.793	-0.004076	5.86594	28.9249	-0.013125
3.79327	77.3716	88.533	649.899	695.067	0.036685	5.86969	28.9743	-0.014063
3.79427	77.235	86.8066	649.671	695.067	-0.004076	5.87156	28.9249	-0.013438
3.79527	77.235	86.8066	648.643	695.886	-0.004076	5.87219	29.0236	-0.014063
3.79627	77.235	85.8489	649.785	694.793	-0.004076	5.87219	28.9743	-0.014688
3.79727	76.9617	86.8066	650.128	694.793	-0.006152	5.86781	29.3197	-0.011563
3.79827	76.9617	86.533	649.328	694.52	-0.016304	5.84469	28.9249	-0.014063
3.79927	77.5083	86.533	649.328	694.793	-0.004076	5.82594	29.1716	-0.014688
3.80027	77.3716	86.8066	649.443	694.793	-0.02038	5.80969	29.0236	-0.013125
3.80127	77.5083	86.533	649.557	694.793	-0.004076	5.83781	28.8262	-0.011563
3.80227	76.825	87.2171	649.671	694.793	0.028532	5.88969	28.7769	-0.012188
3.80327	77.235	86.1225	649.785	695.203	-0.004076	5.87469	28.7275	-0.014375
3.80427	77.5083	86.8066	648.986	694.793	-0.004076	5.87687	28.8756	-0.013438
3.80527	77.235	86.8066	648.986	695.067	-0.004076	5.87344	28.7769	-0.014063
3.80627	77.0983	86.533	648.872	695.886	-0.004076	5.87406	28.6782	-0.014063
3.80727	77.5083	86.2593	649.872	694.52	-0.006152	5.87406	29.0236	-0.012188
3.80827	77.3716	86.1225	649.557	694.657	-0.004076	5.87219	28.7769	-0.011563
3.80927	77.7816	86.8066	648.872	694.793	-0.004076	5.87187	28.6782	-0.014063
3.81027	77.3716	86.8066	648.643	695.34	-0.004076	5.86969	28.9249	-0.014375
3.81127	77.5083	86.533	648.643	695.34	0.016304	5.86719	28.7769	-0.013125
3.81227	77.235	85.9857	648.643	694.793	-0.004076	5.86594	29.073	-0.013438
3.81327	77.5083	86.8066	648.643	694.793	-0.004076	5.86906	28.8756	-0.014688
3.81427	77.235	86.6698	648.872	694.793	0.028532	5.87344	28.8756	-0.014063
3.81527	77.5083	88.533	647.958	695.813	0.028532	5.87063	29.073	-0.011563
3.81627	76.6884	87.0803	648.529	695.34	-0.012228	5.87219	28.7769	-0.012813
3.81727	77.3716	86.8066	648.415	695.067	-0.004076	5.87344	28.9743	-0.013125
3.81827	77.5083	86.3962	647.958	694.52	0.028532	5.87469	29.2703	-0.013438
3.81927	77.235	86.6698	649.1	694.657	-0.004076	5.87719	29.1716	-0.010625
3.82028	77.3716	86.6698	648.072	693.701	-0.012228	5.87719	28.9743	-0.014688
3.82128	77.3716	87.2171	648.186	694.793	-0.004076	5.87906	29.369	-0.014063

3.82228	77.235	86.6698	648.529	695.067	-0.004076	5.88312	29.2703	-0.014375
3.82328	77.5083	86.2593	647.958	694.52	-0.004076	5.87781	29.2703	-0.012813
3.82428	77.3716	87.0803	648.529	694.793	0.02038	5.85844	28.8756	-0.012813
3.82528	77.5083	86.8066	648.072	694.793	-0.004076	5.83781	29.073	-0.013125
3.82628	77.0983	86.533	648.072	693.837	-0.004076	5.81969	29.073	-0.0125
3.82728	77.235	86.533	647.958	694.52	-0.004076	5.81969	29.1223	-0.012813
3.82828	77.0983	86.8066	647.387	695.34	-0.004076	5.89281	28.9249	-0.013438
3.82928	77.6449	86.533	647.729	694.52	-0.008152	5.88156	29.1716	-0.015313
3.83028	77.235	86.533	648.415	694.247	-0.004076	5.88219	29.1716	-0.011563
3.83128	77.235	86.6698	647.272	694.111	-0.004076	5.88188	29.073	-0.014063
3.83228	77.0983	86.8066	647.387	694.111	-0.004076	5.88469	29.1716	-0.014063
3.83328	77.3716	86.6698	646.816	694.384	-0.004076	5.88219	29.3197	-0.013125
3.83428	76.9617	87.2171	647.958	694.793	-0.004076	5.87969	29.4184	-0.013438
3.83528	77.3716	86.533	647.729	694.657	-0.004076	5.88156	29.1716	-0.015625
3.83628	76.9617	86.6698	647.958	694.657	-0.004076	5.87844	29.369	-0.013438
3.83728	76.9617	86.8066	647.158	694.52	0.044837	5.87594	29.4184	-0.014063
3.83828	77.5083	86.8066	647.501	694.793	-0.028532	5.87344	29.4184	-0.014375
3.83928	77.235	86.8066	646.816	694.793	-0.004076	5.87281	29.369	-0.014375
3.84028	77.3716	87.0803	646.816	693.564	-0.012228	5.87531	29.7144	-0.014063
3.84128	76.9617	86.533	647.729	694.384	-0.004076	5.87594	29.4677	-0.010625
3.84228	77.235	86.3962	646.816	694.247	-0.004076	5.87719	29.369	-0.015625
3.84328	77.235	86.3962	647.615	695.203	-0.004076	5.87812	29.7144	-0.014688
3.84428	77.235	86.6698	647.272	694.247	-0.004076	5.87875	29.6131	-0.012813
3.84528	77.0983	86.8066	646.816	694.657	-0.004076	5.87969	29.4677	-0.013438
3.84628	77.5083	87.3539	647.272	694.793	-0.004076	5.88438	29.6651	-0.014688
3.84728	77.6449	87.0803	647.501	695.613	0.024456	5.88469	29.9612	-0.011875
3.84828	77.235	86.533	646.701	693.974	0.040761	5.88906	29.9612	-0.012813
3.84928	77.235	86.6698	647.158	695.067	-0.004076	5.88719	29.7638	-0.011563
3.85028	77.3716	86.8066	647.044	695.75	-0.004076	5.87281	29.6625	-0.013125
3.85128	77.6449	86.8066	646.816	694.52	-0.004076	5.85063	29.6131	-0.014063
3.85228	76.6884	87.3539	647.272	694.793	-0.004076	5.82844	29.6651	-0.012813
3.85328	76.9617	86.533	646.816	694.657	-0.004076	5.81344	29.7144	-0.015313
3.85428	76.9617	86.2593	646.359	693.701	-0.004076	5.87687	29.6625	-0.015313
3.85528	76.6884	86.6698	647.272	695.067	-0.004076	5.89406	30.2572	-0.012813
3.85628	77.235	86.8066	646.701	694.793	-0.004076	5.88438	29.6625	-0.013438
3.85728	77.3716	86.1225	647.272	695.067	-0.004076	5.89219	30.0105	-0.013125
3.85828	77.6449	87.0803	646.816	695.067	-0.004076	5.88719	29.9118	-0.014688
3.85928	77.3716	86.533	646.587	694.657	0.024456	5.88281	30.1585	-0.012188
3.86028	77.7816	87.0803	646.816	694.793	-0.004076	5.88312	29.9612	-0.013125
3.86128	77.3716	86.533	646.359	694.52	-0.004076	5.88438	30.1585	-0.014688
3.86228	76.4151	86.8066	646.359	694.247	-0.008152	5.87969	30.2572	-0.013438
3.86328	76.9617	86.2593	647.501	694.93	-0.004076	5.87969	30.1585	-0.010938
3.86428	77.3716	86.3962	646.816	694.657	-0.004076	5.88094	30.2572	-0.014063
3.86528	77.7816	86.8066	646.13	694.384	-0.004076	5.88219	30.652	-0.012188
3.86628	76.9617	86.8066	646.587	694.52	-0.004076	5.88344	30.7013	-0.012813
3.86728	77.235	86.8066	646.13	694.384	-0.004076	5.88562	30.3559	-0.014063
3.86828	77.235	86.8066	646.587	694.793	-0.004076	5.88969	30.652	-0.014063
3.86928	77.3716	87.0803	646.359	694.657	-0.004076	5.88656	30.5039	-0.014063
3.87028	76.6884	86.533	646.816	695.613	0.048913	5.88906	30.652	-0.014375

3.87128	77.235	86.6698	646.359	694.793	-0.012228	5.88906	30.6026	-0.015938
3.87228	77.5083	86.6698	645.902	695.34	-0.008152	5.88906	30.662	-0.013438
3.87328	76.9617	86.9434	646.359	694.793	-0.004076	5.89375	30.9974	-0.012188
3.87428	77.0983	86.533	646.473	694.793	-0.004076	5.89594	31.0467	-0.012813
3.87528	77.3716	86.3962	645.788	693.974	-0.016304	5.89562	30.7013	-0.014063
3.87628	77.5083	86.8066	646.13	694.793	-0.016304	5.88625	31.1454	-0.012813
3.87728	77.235	87.3539	645.902	694.384	-0.004076	5.88281	31.1454	-0.013438
3.87828	77.3716	86.8066	645.217	695.34	-0.004076	5.83969	30.9481	-0.014688
3.87928	77.5083	86.533	645.788	695.067	-0.008152	5.82687	31.2441	-0.011875
3.88028	77.235	86.6698	646.016	695.34	-0.004076	5.86344	30.9974	-0.013438
3.88128	76.9617	86.2593	645.217	694.52	-0.004076	5.90219	31.0467	-0.011563
3.88228	76.9617	86.8066	646.13	695.34	-0.004076	5.89531	31.2441	-0.011875
3.88328	77.3716	86.8066	645.673	695.067	-0.004076	5.89812	31.2441	-0.01375
3.88428	77.0983	86.2593	645.445	694.793	-0.004076	5.89406	31.2441	-0.013125
3.88528	77.7816	87.0803	645.902	695.476	-0.004076	5.89469	31.4416	-0.013125
3.88628	77.0983	86.533	645.559	694.793	-0.004076	5.89406	31.3428	-0.015938
3.88728	77.5083	86.8066	646.331	695.203	-0.004076	5.89063	31.4908	-0.014375
3.88828	77.7816	87.0803	646.902	695.613	-0.004076	5.88969	31.6882	-0.015313
3.88928	77.235	86.8066	646.445	695.613	-0.004076	5.88937	31.6882	-0.012813
3.89028	77.235	86.533	645.673	696.432	0.016304	5.89281	31.7376	-0.012813
3.89128	77.5083	86.6698	644.988	695.34	-0.004076	5.88781	31.8856	-0.012813
3.89228	77.235	86.533	645.217	695.886	0.048913	5.89219	31.9349	-0.013438
3.89328	77.3716	86.533	645.902	695.613	-0.02038	5.89094	32.083	-0.014063
3.89428	77.235	86.6698	645.673	696.296	-0.004076	5.89187	32.231	-0.013125
3.89528	77.5083	86.8066	645.788	695.886	-0.004076	5.89281	32.083	-0.013125
3.89628	77.235	86.2593	644.988	695.34	-0.004076	5.89406	32.1323	-0.014375
3.89728	77.235	86.8066	645.445	694.793	-0.036685	5.89156	31.7376	-0.014688
3.89828	76.9617	86.2593	645.673	696.296	-0.004076	5.89719	32.1817	-0.013438
3.89928	77.3716	86.6698	645.445	695.613	-0.004076	5.89969	32.5764	-0.012813
3.90028	76.9617	86.3962	645.902	696.432	0.02038	5.89969	32.6258	-0.012813
3.90128	77.235	86.6698	644.988	696.296	-0.012228	5.89969	32.3297	-0.014375
3.90228	77.5083	86.9434	645.559	696.159	-0.004076	5.88625	32.5271	-0.013438
3.90328	77.3716	86.8066	645.217	695.613	0.024456	5.86094	32.4777	-0.015938
3.90428	77.5083	86.9434	645.217	695.886	-0.004076	5.84188	32.6258	-0.014688
3.90528	77.235	86.533	645.217	697.798	-0.004076	5.82687	32.6751	-0.012813
3.90628	77.6449	87.0803	645.445	695.886	-0.004076	5.86406	32.7245	-0.012813
3.90728	77.235	86.8066	645.673	696.432	-0.024456	5.90125	33.2179	-0.010938
3.90828	77.235	87.0803	645.445	696.432	-0.008152	5.89656	32.6751	-0.014063
3.90928	77.3716	86.8066	645.445	696.842	0.024456	5.90094	33.0205	-0.013438
3.91028	77.235	86.2593	644.988	696.432	-0.004076	5.89875	33.514	-0.012188
3.91128	77.0983	86.3962	644.988	696.296	-0.004076	5.89719	32.7245	-0.014063
3.91228	77.9183	87.3539	645.102	697.662	-0.004076	5.89969	33.2179	-0.013438
3.91328	77.235	86.8066	645.331	697.798	-0.004076	5.89594	33.1192	-0.012813
3.91428	77.3716	86.8066	645.559	697.525	0.048913	5.89719	33.2179	-0.013125
3.91528	77.235	86.6698	645.445	697.798	-0.004076	5.89469	33.2179	-0.013125
3.91628	76.9617	86.8066	645.331	696.071	-0.004076	5.89156	33.514	-0.012813
3.91728	77.3716	86.533	644.76	697.369	-0.016304	5.89344	33.4153	-0.013125
3.91828	77.3716	86.6698	645.673	696.071	-0.004076	5.89719	33.514	-0.014688
3.91928	76.9617	86.533	645.445	696.706	-0.040761	5.88844	33.0699	-0.014688

3.92028	77.5083	86.8066	644.988	697.252	-0.004076	5.89313	33.4546	-0.015313
3.92128	77.3716	86.533	644.531	697.662	-0.004076	5.89469	33.9087	-0.013438
3.92228	76.9617	86.533	644.988	697.935	-0.016304	5.89656	33.9087	-0.012813
3.92328	77.6449	87.3539	645.217	698.891	-0.004076	5.90156	34.2048	-0.012813
3.92428	76.6884	86.2593	644.988	698.071	-0.004076	5.89781	33.7607	-0.015625
3.92528	77.235	87.0803	645.559	698.345	-0.004076	5.89969	34.1061	-0.012188
3.92628	77.235	86.8066	644.988	699.164	-0.004076	5.89969	34.0566	-0.012813
3.92728	77.3716	86.8066	645.445	699.028	-0.008152	5.90312	33.9581	-0.015313
3.92828	77.5083	86.6698	644.988	698.891	-0.004076	5.88469	34.1061	-0.014375
3.92928	77.7816	86.2593	644.874	698.071	-0.028532	5.86344	33.9581	-0.012813
3.93028	77.5083	86.6698	645.217	698.345	-0.024456	5.84719	33.7114	-0.015313
3.93128	76.9617	86.8066	645.102	699.164	-0.004076	5.83469	34.2541	-0.012813
3.93228	77.3716	86.3962	644.988	699.164	-0.004076	5.89969	34.6982	-0.0125
3.93328	77.235	86.2593	644.874	699.164	-0.004076	5.91594	34.1555	-0.012813
3.93428	77.5083	86.6698	644.988	699.164	-0.004076	5.90969	34.4022	-0.011875
3.93528	76.9617	86.6698	645.331	700.257	-0.004076	5.90656	34.4022	-0.014063
3.93628	77.235	86.8066	644.988	699.984	0.032609	5.90469	34.3035	-0.01375
3.93728	77.235	86.8066	645.788	700.803	0.016304	5.90719	34.4022	-0.014688
3.93828	77.6449	86.8066	645.445	701.076	-0.004076	5.90562	34.5998	-0.012813
3.93928	77.235	86.6698	644.988	701.349	-0.004076	5.90562	34.2541	-0.014688
3.94028	77.3716	86.8066	645.331	700.257	-0.024456	5.90312	34.8463	-0.012813
3.94128	77.5083	86.8066	645.331	699.164	-0.036685	5.89719	34.1061	-0.01375
3.94228	76.5517	86.1225	644.531	700.94	-0.004076	5.90094	34.6982	-0.013438
3.94328	77.5083	87.0803	645.673	701.896	0.024456	5.90156	34.6982	-0.01625
3.94428	77.3716	86.8066	645.445	701.349	-0.004076	5.89969	34.8463	-0.014688
3.94528	77.235	86.533	645.217	701.349	-0.004076	5.90219	34.6956	-0.012813
3.94628	77.235	86.8066	645.445	701.623	-0.004076	5.90188	34.7969	-0.01375
3.94728	76.9617	86.8066	645.331	701.896	-0.004076	5.90188	34.7969	-0.013438
3.94828	77.235	86.533	644.417	701.076	0.02038	5.90219	34.9943	-0.012188
3.94928	77.235	86.6698	645.217	701.896	-0.004076	5.90531	35.0437	-0.012813
3.95028	77.5083	86.2593	644.76	702.305	-0.004076	5.90594	34.8463	-0.012813
3.95128	77.235	86.533	645.445	701.759	-0.016304	5.90812	34.9943	-0.012813
3.95228	77.3716	86.8066	645.217	700.53	-0.044837	5.90781	34.3035	-0.015938
3.95328	77.9183	87.3539	644.988	701.896	-0.012228	5.91062	34.8463	-0.014688
3.95428	77.3716	86.8066	645.559	702.579	-0.004076	5.88906	35.3397	-0.014063
3.95528	76.9617	86.3962	644.988	702.579	0.02038	5.87156	35.093	-0.013438
3.95628	77.235	86.6698	645.331	702.852	-0.004076	5.85156	35.3891	-0.011563
3.95728	77.7816	86.3962	645.445	702.988	-0.004076	5.85094	35.093	-0.012813
3.95828	77.5083	86.533	645.902	703.535	0.032609	5.92562	35.1917	-0.012813
3.95929	77.3716	86.6698	645.445	703.398	-0.004076	5.91219	35.1917	-0.012813
3.96029	76.9617	86.8066	645.445	703.535	-0.004076	5.91375	35.093	-0.014375
3.96129	77.3716	86.533	645.902	704.627	-0.004076	5.91531	35.1423	-0.01375
3.96229	77.7816	87.3539	645.673	703.262	-0.004076	5.91344	35.093	-0.013438
3.96329	77.3716	87.2171	645.673	703.535	-0.036685	5.90781	35.093	-0.012813
3.96429	77.7816	87.0803	645.217	704.627	-0.016304	5.91031	35.1917	-0.014063
3.96529	77.3716	87.3539	645.788	704.218	-0.004076	5.90969	35.7838	-0.012813
3.96629	77.235	86.8066	645.445	704.627	-0.004076	5.90719	35.3397	-0.012813
3.96729	76.9617	86.6698	645.559	704.491	-0.004076	5.90844	35.4384	-0.012813
3.96829	77.3716	86.6698	645.559	705.037	-0.004076	5.90344	35.3891	-0.011563

3.96929	77.235	86.533	645.217	704.627	-0.004076	5.90281	35.2904	-0.014063
3.97029	77.3716	86.8066	644.988	704.627	-0.004076	5.90687	35.1917	-0.015313
3.97129	77.235	86.6698	645.445	705.447	-0.004076	5.90844	35.1917	-0.014688
3.97229	77.235	86.6698	645.902	705.72	-0.004076	5.91062	35.4878	-0.011563
3.97329	76.9617	86.533	645.902	705.31	0.02038	5.91094	35.4878	-0.011563
3.97429	77.235	86.6698	645.902	704.901	-0.012228	5.91219	35.093	-0.013438
3.97529	77.235	86.8066	645.559	705.993	-0.004076	5.91437	35.4384	-0.015313
3.97629	77.5083	86.8066	645.445	705.72	-0.004076	5.91687	35.7838	-0.014688
3.97729	77.5083	86.8066	645.217	705.857	-0.004076	5.91844	35.5865	-0.012813
3.97829	76.9617	86.533	645.445	706.403	0.024456	5.92219	35.4878	-0.015
3.97929	77.0983	86.8066	645.445	706.13	-0.004076	5.91406	35.5371	-0.012813
3.98029	77.235	86.6698	645.902	706.54	0.028532	5.89219	35.4384	-0.013125
3.98129	78.0549	87.2171	645.902	707.222	-0.004076	5.87156	35.5865	-0.012813
3.98229	77.3716	86.8066	645.331	706.266	-0.008152	5.85094	35.5371	-0.010938
3.98329	77.235	86.6698	645.217	707.222	-0.004076	5.88719	35.7838	-0.01125
3.98429	77.235	86.533	645.445	708.813	0.028532	5.93219	35.4878	-0.013438
3.98529	77.3716	86.6698	646.016	706.54	-0.004076	5.91719	35.3891	-0.013438
3.98629	77.235	86.6698	644.874	706.813	-0.004076	5.92406	35.4384	-0.015625
3.98729	77.7816	87.2171	644.988	707.632	-0.004076	5.91781	35.8825	-0.013125
3.98829	77.3716	87.2171	646.016	708.588	0.032609	5.91875	35.7838	-0.012813
3.98929	77.5083	86.8066	645.673	708.316	-0.004076	5.91719	35.5865	-0.013438
3.99029	77.7816	87.3539	645.673	707.632	-0.004076	5.91656	35.4878	-0.01375
3.99129	77.235	86.8066	644.988	707.359	-0.004076	5.91219	35.6358	-0.010938
3.99229	76.9617	86.8066	644.988	707.769	-0.004076	5.91125	35.3891	-0.013438
3.99329	76.6884	86.2593	644.988	707.905	-0.004076	5.91156	35.3891	-0.014688
3.99429	77.235	86.6698	645.217	708.998	-0.004076	5.91031	35.4384	-0.013125
3.99529	76.6884	86.1225	645.217	707.905	-0.004076	5.91469	35.3891	-0.013438
3.99629	77.235	86.6698	646.359	708.452	-0.004076	5.91469	35.4878	-0.011563
3.99729	77.3716	86.8066	644.645	708.452	-0.008152	5.91187	35.5371	-0.01375
3.99829	77.5083	86.8066	645.445	708.861	-0.004076	5.91687	35.7838	-0.012188
3.99929	77.5083	86.6698	645.445	708.861	-0.012228	5.91781	35.5865	-0.011563
4.00029	77.235	86.8066	644.988	708.998	-0.004076	5.91969	35.5371	-0.012188
4.00129	77.7816	86.3962	644.531	708.998	-0.004076	5.91687	35.2904	-0.015313
4.00229	77.3716	86.8066	645.331	709.408	-0.004076	5.91969	35.4384	-0.013125
4.00329	76.9617	86.8066	645.217	709.816	0.040761	5.92094	35.1917	-0.012813
4.00429	77.235	86.3962	645.673	710.091	-0.004076	5.92344	35.2904	-0.012813
4.00529	77.235	86.533	644.988	710.637	-0.004076	5.91313	35.0437	-0.0125
4.00629	77.235	87.0803	645.445	709.408	-0.004076	5.88719	35.241	-0.012188
4.00729	77.3716	86.8066	646.473	710.091	0.02038	5.86594	35.1917	-0.010938
4.00829	77.3716	86.8066	644.988	709.408	-0.004076	5.85469	34.9943	-0.014063
4.00929	77.235	86.6698	645.445	709.544	-0.004076	5.91969	35.8332	-0.0125
4.01029	76.9617	86.6698	645.331	709.954	-0.004076	5.92719	35.093	-0.014688
4.01129	77.5083	86.6698	644.988	710.637	-0.004076	5.92531	35.3891	-0.012813
4.01229	77.3716	86.6698	645.217	710.637	-0.004076	5.92562	34.9943	-0.012188
4.01329	77.5083	86.8066	644.76	710.774	-0.004076	5.92219	34.7969	-0.013438
4.01429	77.5083	86.6698	645.331	710.637	0.02038	5.92687	34.9943	-0.013438
4.01529	77.5083	87.3539	644.988	710.91	-0.004076	5.92312	34.9943	-0.012813
4.01629	77.5083	86.8066	645.559	712.549	0.02038	5.92219	35.093	-0.012188
4.01729	77.3716	86.8066	645.331	710.637	-0.004076	5.91906	34.9943	-0.012813

4.01829	77.235	86.8066	645.217	711.047	-0.004076	5.91719	34.945	-0.010938
4.01929	77.3716	86.533	644.988	711.183	-0.004076	5.91563	34.6982	-0.014063
4.02029	76.9617	86.8066	644.988	711.183	-0.004076	5.91719	35.3397	-0.013125
4.02129	77.5083	86.533	644.76	711.73	0.02038	5.91906	34.6982	-0.013125
4.02229	77.9183	86.2593	644.189	711.183	-0.004076	5.91906	34.8956	-0.013438
4.02329	77.5083	86.533	644.988	711.456	-0.02038	5.91719	34.7969	-0.012813
4.02429	77.235	86.6698	644.874	711.593	-0.004076	5.92125	34.7969	-0.01375
4.02529	77.3716	86.8066	645.445	711.73	0.02038	5.91781	34.5996	-0.014063
4.02629	76.825	86.3962	645.559	711.73	-0.004076	5.92094	34.7969	-0.014063
4.02729	77.3716	86.533	645.445	713.369	-0.02038	5.92375	34.5502	-0.014063
4.02829	77.5083	86.8066	644.76	712.276	-0.004076	5.92469	34.5009	-0.013438
4.02929	77.235	86.8066	646.816	711.73	-0.004076	5.92969	34.6982	-0.010313
4.03029	77.3716	86.6698	644.988	711.593	-0.004076	5.92438	34.3036	-0.015938
4.03129	77.5083	86.533	645.445	712.139	-0.004076	5.89656	34.4515	-0.013125
4.03229	77.5083	86.8066	645.445	711.593	-0.004076	5.87875	34.4515	-0.013438
4.03329	77.5083	86.8066	645.217	712.686	0.024456	5.86594	34.2541	-0.012813
4.03429	77.5083	86.533	644.76	712.276	-0.004076	5.87906	34.3035	-0.012813
4.03529	77.3716	86.8066	645.331	712.276	-0.004076	5.94219	34.4515	-0.014375
4.03629	77.3716	86.8066	644.988	712.686	-0.004076	5.92969	34.3035	-0.01375
4.03729	78.0549	86.8066	644.988	712.003	-0.028532	5.92969	34.1555	-0.013438
4.03829	77.7816	86.6698	645.445	713.915	-0.004076	5.92719	34.1061	-0.014063
4.03929	77.235	86.6698	645.445	712.276	-0.004076	5.92812	34.3036	-0.014688
4.04029	77.6449	86.6698	645.217	712.549	-0.008152	5.92469	34.0074	-0.010938
4.04129	77.5083	86.8066	645.673	712.822	-0.004076	5.92469	33.8581	-0.012813
4.04229	77.5083	86.8066	645.445	713.232	-0.004076	5.92562	34.0074	-0.013438
4.04329	77.3716	86.6698	644.988	713.369	-0.004076	5.92375	33.9087	-0.014063
4.04429	77.5083	86.8066	645.331	713.369	-0.004076	5.91969	34.0074	-0.014063
4.04529	77.235	86.2593	644.76	712.959	-0.004076	5.91969	33.9581	-0.012188
4.04629	77.5083	86.3962	645.559	713.642	-0.004076	5.91969	33.9087	-0.012813
4.04729	77.5083	86.6698	645.445	713.232	0.028532	5.91969	33.9087	-0.013125
4.04829	77.5083	86.8066	645.788	713.095	-0.008152	5.92406	33.81	-0.011875
4.04929	76.6884	86.6698	645.331	714.188	-0.004076	5.92562	33.7114	-0.014063
4.05029	77.5083	86.8066	645.788	712.822	-0.004076	5.92344	33.662	-0.01375
4.05129	76.6884	86.533	646.13	712.822	-0.012228	5.92594	33.4648	-0.010625
4.05229	77.235	86.8066	645.331	713.232	-0.004076	5.92969	33.2673	-0.015313
4.05329	77.5083	86.8066	645.445	712.686	-0.004076	5.92969	33.1192	-0.012813
4.05429	77.5083	86.8066	645.445	713.369	-0.004076	5.93094	33.8594	-0.014375
4.05529	77.3716	86.8066	645.217	713.095	-0.012228	5.93406	33.1192	-0.014063
4.05629	77.0983	86.8066	645.673	713.915	-0.004076	5.92344	33.3166	-0.013438
4.05729	77.5083	86.533	645.559	713.369	-0.004076	5.89594	33.2179	-0.015313
4.05829	77.6449	86.8066	645.902	713.778	0.028532	5.87719	33.3166	-0.014063
4.05929	77.3716	86.8066	645.217	713.232	-0.004076	5.85969	32.9218	-0.012813
4.06029	78.0549	86.2593	644.988	714.461	-0.004076	5.91969	32.9712	-0.012813
4.06129	76.825	86.8066	645.673	712.822	-0.008152	5.94438	33.1192	-0.015938
4.06229	77.235	87.0803	644.531	713.642	-0.008152	5.93469	32.7245	-0.010313
4.06329	77.7816	86.9434	645.217	713.095	-0.004076	5.93594	32.7245	-0.014063
4.06429	77.6449	86.8066	644.988	713.369	-0.004076	5.93594	33.0699	-0.012813
4.06529	77.6449	86.8066	645.902	715.008	-0.004076	5.93313	32.379	-0.013125
4.06629	77.9183	87.0803	645.673	713.642	-0.004076	5.93469	32.9218	-0.013438

4.06729	77.235	86.3962	645.673	713.916	-0.004076	5.93344	32.5271	-0.013438
4.06829	77.5083	86.533	645.445	714.325	-0.004076	5.93094	32.8232	-0.012813
4.06929	77.235	86.533	646.331	713.778	0.036685	5.92844	32.6751	-0.014063
4.07029	77.7816	86.1225	644.988	714.052	-0.012228	5.92969	32.5271	-0.013438
4.07129	77.5083	86.533	645.673	714.461	-0.004076	5.92937	32.4264	-0.013125
4.07229	77.3716	86.8066	645.673	713.369	-0.004076	5.93219	32.5271	-0.01375
4.07329	76.825	86.3962	646.473	714.188	-0.004076	5.93219	32.379	-0.010938
4.07429	77.3716	86.8066	644.988	712.822	-0.012228	5.92906	32.1323	-0.015313
4.07529	77.6449	86.8066	645.902	713.778	-0.004076	5.93094	32.1323	-0.015625
4.07629	78.0549	86.2593	645.331	713.915	-0.004076	5.93469	32.4777	-0.014063
4.07729	76.6684	86.533	645.559	714.188	-0.004076	5.93469	32.2804	-0.014063
4.07829	77.7816	85.9857	645.445	714.052	-0.004076	5.93844	31.8856	-0.013438
4.07929	77.3716	86.6698	645.902	714.461	0.028532	5.93719	32.1817	-0.012813
4.08029	77.5083	86.2593	645.445	714.325	0.044837	5.93906	31.9843	-0.011875
4.08129	77.5083	86.533	645.673	714.461	-0.02038	5.93531	31.9349	-0.013125
4.08229	77.5083	86.6698	645.788	713.505	-0.004076	5.91656	31.9349	-0.012813
4.08329	77.7816	86.2593	645.788	714.188	-0.004076	5.89469	31.6882	-0.012813
4.08429	77.3716	86.6698	645.445	714.188	-0.004076	5.87469	31.5402	-0.011563
4.08529	76.9617	86.533	645.673	714.325	-0.004076	5.88844	31.5402	-0.014063
4.08629	77.5083	86.533	645.559	714.188	-0.004076	5.95531	32.1817	-0.014375
4.08729	77.5083	86.8066	645.331	713.778	-0.004076	5.93594	31.5402	-0.013125
4.08829	77.5083	86.533	645.445	714.188	-0.004076	5.93969	31.3922	-0.013125
4.08929	77.5083	87.0803	645.902	714.461	-0.004076	5.94094	31.5402	-0.013438
4.09029	77.7816	87.2171	645.445	714.188	-0.004076	5.93844	31.1464	-0.012813
4.09129	76.6684	86.6698	646.359	714.734	0.052989	5.93969	31.1464	-0.014063
4.09229	77.235	86.8066	645.902	714.734	-0.032608	5.93781	31.1464	-0.012188
4.09329	77.235	86.6698	645.445	714.188	-0.012228	5.93469	31.3428	-0.012813
4.09429	77.5083	86.533	645.902	713.778	-0.004076	5.93469	30.9974	-0.012813
4.09529	77.5083	86.8066	645.445	713.915	0.02038	5.93281	31.1464	-0.011563
4.09629	77.3716	86.6698	645.445	713.642	-0.004076	5.92969	30.7507	-0.013438
4.0973	77.3716	87.0803	644.874	713.505	-0.012228	5.93313	30.7507	-0.013438
4.0983	77.235	86.533	645.902	715.008	-0.004076	5.93469	30.9481	-0.014063
4.0993	76.9617	86.8066	645.217	714.461	0.036685	5.93406	30.652	-0.014063
4.1003	77.7816	86.8066	645.673	713.915	-0.004076	5.93719	30.7507	-0.013438
4.1013	78.0549	86.3962	644.988	714.188	-0.004076	5.93469	30.6494	-0.011563
4.1023	77.5083	86.533	645.445	714.188	0.028532	5.93531	30.7507	-0.012813
4.1033	77.5083	86.6066	645.902	714.188	-0.004076	5.93531	30.652	-0.011875
4.1043	77.235	86.6698	645.673	714.461	-0.004076	5.94219	30.652	-0.014063
4.1053	77.5083	86.533	645.902	715.281	-0.004076	5.94094	30.5533	-0.014063
4.1063	77.5083	86.533	645.445	714.188	-0.028532	5.94094	30.6026	-0.013125
4.1073	76.6684	86.6698	646.359	714.461	-0.004076	5.93219	30.3659	-0.013438
4.1083	77.235	86.6698	645.788	713.232	-0.004076	5.90531	30.4546	-0.01375
4.1093	77.5083	86.8066	645.559	714.871	0.028532	5.88719	30.4546	-0.013125
4.1103	77.235	86.6698	645.445	714.325	-0.008152	5.87375	30.3066	-0.014063
4.1113	77.5083	86.6698	645.559	714.188	-0.004076	5.93469	30.2572	-0.013438
4.1123	77.5083	86.8066	645.788	714.871	-0.004076	5.94812	29.8625	-0.013438
4.1133	77.6449	86.533	646.13	715.008	0.069293	5.94344	30.0598	-0.012813
4.1143	77.5083	86.8066	645.673	714.461	-0.004076	5.94656	29.7638	-0.013438
4.1153	77.5083	86.8066	645.788	715.554	-0.004076	5.94281	30.0598	-0.013125

4.1163	77.5083	86.8066	645.673	714.461	-0.02038	5.93969	30.0596	-0.013125
4.1173	77.235	86.8066	645.559	713.642	-0.008152	5.94187	30.0105	-0.010625
4.1183	77.7816	87.2171	644.531	713.232	-0.02038	5.93594	29.5664	-0.012813
4.1193	77.7816	87.0803	644.874	714.325	-0.004076	5.93594	29.8131	-0.014063
4.1203	76.9617	86.533	645.445	714.325	-0.004076	5.93656	30.3559	-0.012813
4.1213	77.3716	86.8066	645.902	714.188	-0.004076	5.93344	29.4677	-0.015313
4.1223	77.7816	87.2171	644.76	713.915	-0.004076	5.93437	29.7638	-0.013125
4.1233	77.5083	86.533	645.217	714.461	-0.004076	5.93625	29.5664	-0.014063
4.1243	78.0549	86.6698	645.673	714.461	0.040761	5.93469	29.5664	-0.015313
4.1253	77.5083	87.0803	645.102	713.369	-0.004076	5.93531	29.5171	-0.014063
4.1263	78.0549	86.1225	645.559	714.188	-0.004076	5.93875	29.4677	-0.013125
4.1273	77.3716	86.6698	646.016	714.052	-0.004076	5.93844	29.5664	-0.01375
4.1283	77.5083	86.3962	646.13	713.369	-0.004076	5.93812	29.369	-0.013125
4.1293	77.5083	86.6698	645.673	713.232	-0.004076	5.9425	29.073	-0.013125
4.1303	77.5083	86.6698	646.359	713.642	-0.004076	5.94219	29.5171	-0.013438
4.1313	77.5083	86.8066	645.445	713.778	-0.004076	5.94312	29.6651	-0.012188
4.1323	77.6449	87.3539	645.217	713.778	-0.004076	5.93969	29.369	-0.013438
4.1333	77.235	86.8066	645.902	714.188	-0.004076	5.91969	29.369	-0.012188
4.1343	77.3716	86.8066	644.988	713.642	-0.004076	5.89594	29.1716	-0.013438
4.1353	77.5083	86.8066	645.445	714.052	0.026532	5.89094	28.9743	-0.01375
4.1363	77.5083	86.3962	645.788	714.188	-0.004076	5.89219	28.9743	-0.013125
4.1373	77.6083	86.1225	645.673	715.281	-0.004076	5.95656	29.369	-0.015313
4.1383	76.9617	86.533	645.902	713.915	-0.004076	5.94156	28.9743	-0.013438
4.1393	77.5083	86.6698	645.788	714.188	-0.004076	5.94719	29.1223	-0.011875
4.1403	78.1916	86.8066	644.76	712.276	-0.036685	5.94156	28.3621	-0.016875
4.1413	77.9183	86.3962	644.874	713.778	-0.004076	5.94438	28.9743	-0.015313
4.1423	77.6449	86.8066	645.445	713.778	-0.004076	5.94406	29.5664	-0.012813
4.1433	77.6083	86.8066	646.13	713.915	-0.004076	5.94344	28.8756	-0.014063
4.1443	77.6083	86.8066	645.445	713.915	0.02038	5.94469	29.1223	-0.011563
4.1453	77.7816	86.533	645.559	713.915	-0.004076	5.93781	28.7769	-0.014063
4.1463	77.6449	86.6698	645.445	713.915	0.044837	5.93844	28.8262	-0.011563
4.1473	77.235	86.8066	645.445	713.369	-0.004076	5.93969	28.7275	-0.015313
4.1483	77.5083	86.6698	645.788	713.232	-0.008152	5.93875	29.0236	-0.012188
4.1493	77.9183	86.8066	644.988	714.734	-0.004076	5.93875	28.8756	-0.014063
4.1503	77.5083	86.6698	645.445	713.369	-0.004076	5.93906	28.8756	-0.012813
4.1513	77.5083	87.0803	644.988	711.73	-0.032609	5.93781	28.3326	-0.014375
4.1523	77.3716	86.8066	644.988	712.686	-0.004076	5.93969	28.7275	-0.013125
4.1533	77.3716	86.8066	645.902	712.822	-0.004076	5.94219	29.1223	-0.012813
4.1543	76.6884	86.6698	645.331	713.095	-0.004076	5.94344	28.6289	-0.014063
4.1553	77.235	86.6698	645.902	713.369	-0.008152	5.94344	28.6782	-0.012813
4.1563	77.5083	86.8066	646.13	712.822	-0.004076	5.94219	28.6289	-0.014063
4.1573	77.5083	86.8066	645.445	713.095	-0.004076	5.94469	28.9743	-0.014063
4.1583	77.5083	86.533	645.673	713.369	-0.004076	5.93563	28.6289	-0.013438
4.1593	76.825	86.8066	645.902	713.915	-0.004076	5.90844	28.7769	-0.014063
4.1603	77.235	86.6698	645.445	713.095	-0.004076	5.88937	28.5795	-0.011563
4.1613	77.5083	86.8066	645.673	712.276	-0.012228	5.88875	28.7769	-0.013438
4.1623	77.235	86.2593	645.331	711.456	-0.044837	5.90844	27.938	-0.014688
4.1633	77.3716	86.6698	644.988	712.549	-0.016304	5.95156	28.6782	-0.014688
4.1643	77.5083	86.533	645.902	713.369	-0.016304	5.87437	28.9743	-0.012813

4.1653	77.7816	86.533	645.788	712.822	-0.012228	5.25656	28.6782	-0.012813
4.1663	77.3716	86.8066	645.559	712.959	-0.004076	4.50656	28.4315	-0.010313
4.1673	77.5083	86.8066	645.902	713.505	0.032609	3.91594	28.3821	-0.010625
4.1683	77.7816	86.8066	645.788	712.822	0.026532	3.38594	28.3821	-0.012188
4.1693	77.5083	86.8066	645.902	712.959	-0.004076	2.93406	28.4808	-0.011875
4.1703	77.5083	86.6698	645.673	712.276	-0.004076	2.53813	28.2341	-0.011875
4.1713	77.5083	86.533	645.673	713.642	-0.008152	2.19438	28.3821	-0.012813
4.1723	77.5083	86.6698	645.673	712.139	-0.008152	1.89531	28.4315	-0.012813
4.1733	77.5083	86.6698	644.988	710.637	-0.040761	1.63437	27.8887	-0.015313
4.1743	76.9617	86.8066	645.217	712.549	-0.004076	1.41219	28.3821	-0.0125
4.1753	77.7816	87.3539	645.331	711.456	-0.004076	1.21656	28.9249	-0.013438
4.1763	77.6449	86.6698	645.445	712.549	-0.004076	1.04906	28.2834	-0.012813
4.1773	77.5083	86.6698	645.902	712.003	-0.008152	0.904063	28.5795	-0.011563
4.1783	77.3716	86.8066	645.902	712.276	-0.004076	0.774687	28.5795	-0.010313
4.1793	77.5083	86.8066	645.217	712.003	-0.004076	0.664688	28.1354	-0.013438
4.1803	77.5083	86.6698	645.331	712.276	0.02038	0.572187	28.4808	-0.011875
4.1813	77.9183	85.7121	645.445	711.866	-0.008152	0.490312	28.4315	-0.011563
4.1823	77.3716	86.6698	645.445	711.456	-0.004076	0.419375	28.5795	-0.01375
4.1833	77.6449	86.8066	645.331	711.183	-0.004076	0.359687	28.6289	-0.009375
4.1843	77.6449	86.9434	646.359	711.183	-0.004076	0.30875	28.6782	-0.010313
4.1853	77.3716	87.0803	645.673	711.456	-0.004076	0.264062	28.3821	-0.012813
4.1863	77.3716	87.0803	645.445	711.183	-0.004076	0.226563	28.7769	-0.010938
4.1873	77.3716	86.8066	645.331	711.456	-0.004076	0.194375	28.5302	-0.012813
4.1883	77.235	86.6698	645.788	711.456	-0.004076	0.169375	28.5795	-0.010938
4.1893	77.5083	86.2593	646.245	711.047	-0.004076	0.139687	28.4808	-0.013438
4.1903	77.5083	86.2593	645.902	711.32	-0.004076	0.121562	28.4808	-0.013438
4.1913	77.235	86.8066	646.13	711.183	-0.004076	0.10375	28.5302	-0.012188
4.1923	77.5083	86.8066	645.217	711.183	-0.004076	0.088438	28.3328	-0.010313
4.1933	77.5083	86.8066	645.673	712.276	-0.02038	0.076563	28.3821	-0.011563
4.1943	77.7816	86.8066	645.902	710.91	-0.004076	0.065625	28.5795	-0.010938
4.1953	77.9183	86.8066	646.13	710.364	-0.02038	0.054688	28.1354	-0.012188
4.1963	77.3716	86.8066	645.673	711.047	-0.004076	0.048438	28.4315	-0.012188
4.1973	77.7816	86.9434	646.359	711.183	-0.02038	0.039063	28.7769	-0.012188
4.1983	77.7816	86.8066	645.788	710.774	-0.004076	0.03625	28.4315	-0.011875
4.1993	77.7816	86.6698	645.788	711.183	-0.012228	0.031875	28.5302	-0.011563
4.2003	78.0549	87.3539	645.217	710.637	-0.004076	0.0275	28.3821	-0.011563
4.2013	77.7816	86.8066	645.445	710.5	0.024456	0.020625	28.5795	-0.010938
4.2023	77.6449	86.6698	645.445	710.364	-0.004076	0.018688	28.3328	-0.011563
4.2033	77.7816	86.6698	645.788	710.091	-0.004076	0.016563	28.4808	-0.0125
4.2043	77.5083	87.0803	645.445	710.637	-0.02038	0.013125	28.5302	-0.012813
4.2053	77.5083	86.3962	646.13	710.091	-0.004076	0.011875	28.5795	-0.012188
4.2063	77.7816	86.6698	646.473	709.954	-0.016304	0.009688	28.6289	-0.009063
4.2073	77.5083	86.533	645.217	709.544	-0.004076	0.007188	28.4315	-0.013438
4.2083	78.0549	86.8066	646.13	710.091	-0.004076	0.005938	28.3821	-0.01375
4.2093	77.6449	86.8066	646.13	710.91	0.032609	0.006875	28.6782	-0.012188
4.2103	77.7816	86.8066	645.902	709.954	-0.004076	0.0075	28.7275	-0.012813
4.2113	77.5083	86.6698	645.788	710.091	0.02038	0.005313	28.4808	-0.012188
4.2123	78.0549	85.9857	645.673	710.091	-0.004076	0.003125	28.6782	-0.010625
4.2133	77.6449	86.8066	646.13	709.818	0.036685	0.001875	28.6782	-0.011563

4.2143	76.9617	86.8066	645.673	706.998	-0.02038	-0.000313	28.6782	-0.012188
4.2153	77.7816	86.6698	646.359	710.637	-0.004076	0.002188	28.8756	-0.010938
4.2163	77.5083	86.6698	646.13	709.544	-0.004076	-0.000313	28.7769	-0.010938
4.2173	77.7816	86.8066	646.359	709.408	-0.004076	0.003125	28.6289	-0.010313
4.2183	77.7816	86.8066	645.673	706.998	-0.004076	-0.000313	28.7275	-0.011875
4.2193	77.5083	86.6698	646.245	709.271	-0.004076	-0.000313	29.389	-0.011563
4.2203	78.3283	86.2593	645.788	709.271	-0.004076	-0.000313	28.8262	-0.012188
4.2213	77.6449	86.533	646.016	709.271	-0.012228	-0.000313	28.7769	-0.012813
4.2223	77.235	86.8066	645.902	709.544	-0.004076	-0.000625	28.7769	-0.01125
4.2233	78.0549	86.2593	645.902	709.816	-0.004076	-0.000625	28.9743	-0.012813
4.2243	77.7816	86.8066	646.359	706.998	-0.004076	-0.000313	28.7769	-0.010625
4.2253	78.0549	86.8066	644.988	708.588	-0.016304	-0.000625	28.9249	-0.011875
4.2263	77.6449	86.8066	646.13	709.954	-0.004076	-0.000313	28.8756	-0.014375
4.2273	78.0549	86.2593	646.359	706.998	-0.004076	-0.000313	28.9743	-0.01125
4.2283	77.7816	86.8066	646.816	708.725	-0.004076	-0.000313	29.073	-0.009063
4.2293	78.0549	86.8066	645.673	708.725	-0.004076	-0.002188	28.9743	-0.014375
4.2303	77.6449	86.8066	646.359	707.905	0.02038	-0.000313	29.1223	-0.011875
4.2313	78.0549	86.2593	645.902	707.632	-0.004076	-0.001563	28.9743	-0.01375
4.2323	77.6449	86.533	646.701	709.271	-0.004076	-0.000313	29.1716	-0.010625
4.2333	77.5083	86.9434	646.701	708.179	-0.004076	-0.00125	29.1223	-0.0125
4.2343	76.9617	87.0803	646.359	708.315	-0.004076	-0.000313	28.9249	-0.012188
4.2353	77.7816	87.0803	646.359	707.905	0.032609	-0.002813	29.1716	-0.011563
4.23631	77.7816	86.533	645.902	707.905	-0.008152	-0.002813	29.1716	-0.012188
4.23731	77.5083	86.8066	645.902	708.725	-0.004076	-0.002188	29.1716	-0.012188
4.23831	78.0549	87.0803	646.13	707.905	-0.004076	-0.002188	29.0236	-0.014063
4.23931	77.3716	86.533	647.272	708.315	-0.02038	-0.003125	29.1716	-0.010938
4.24031	78.0549	86.2593	646.13	707.905	-0.004076	-0.002813	28.9743	-0.012188
4.24131	77.9183	86.8066	646.13	707.222	-0.004076	-0.004063	29.7638	-0.011563
4.24231	77.7816	86.533	646.816	707.632	0.02038	-0.00375	29.073	-0.012813
4.24331	77.0983	86.8066	646.473	707.769	-0.004076	-0.0025	29.1716	-0.01125
4.24431	77.6449	86.8066	646.701	707.905	0.02038	-0.000625	29.1223	-0.011563
4.24531	78.0549	87.3539	646.13	707.359	-0.004076	-0.003125	29.221	-0.011563
4.24631	77.235	86.1225	646.587	707.632	-0.004076	-0.002813	29.1716	-0.011875
4.24731	77.7816	86.533	646.359	707.632	-0.004076	-0.003438	29.4677	-0.012188
4.24831	77.5083	86.533	646.359	708.452	-0.004076	-0.002813	29.4677	-0.014063
4.24931	77.5083	86.8066	646.245	706.949	-0.012228	-0.002813	29.4677	-0.011563
4.25031	77.6449	86.6698	647.272	708.452	-0.004076	-0.001875	29.5171	-0.00875
4.25131	77.7816	86.8066	646.587	707.769	-0.004076	-0.003125	29.2703	-0.010938
4.25231	77.5083	86.6698	646.359	707.496	-0.004076	-0.002813	29.5171	-0.012188
4.25331	77.5083	86.6698	646.245	707.222	-0.004076	-0.002813	29.5171	-0.011875
4.25431	76.9617	86.8066	646.359	707.359	-0.004076	-0.002188	29.2703	-0.014063
4.25531	77.5083	86.533	646.816	707.905	-0.004076	-0.003438	29.5664	-0.012813
4.25631	78.0549	86.1225	646.587	707.632	-0.004076	-0.004688	29.389	-0.015313
4.25731	77.7816	86.533	646.359	707.359	-0.004076	-0.004688	29.5664	-0.010938
4.25831	77.7816	86.533	646.816	707.769	-0.004076	-0.005625	29.5664	-0.011563
4.25931	77.5083	86.9434	647.272	709.408	-0.004076	-0.003438	29.7144	-0.011563
4.26031	78.6016	86.533	646.245	706.813	-0.004076	-0.005313	29.5664	-0.011563
4.26131	77.6449	86.3962	647.387	707.086	-0.004076	-0.005625	29.7638	-0.010313
4.26231	77.5083	86.6698	646.359	706.949	-0.004076	-0.005313	29.8131	-0.011563

4.26331	77.6449	86.6698	646.359	707.086	-0.004076	-0.005313	29.8625	-0.012188
4.26431	77.7816	86.8066	646.359	706.813	0.024456	-0.003438	29.8131	-0.012188
4.26531	77.7816	87.0803	645.902	706.813	-0.004076	-0.00375	29.9118	-0.010938
4.26631	77.235	85.9857	646.246	706.813	-0.004076	-0.003125	29.8625	-0.011563
4.26731	77.235	86.2593	647.272	707.905	-0.004076	-0.004688	29.7638	-0.012188
4.26831	77.6449	86.8066	647.501	707.769	-0.004076	-0.004063	29.7638	-0.011563
4.26931	77.7816	86.533	646.701	707.769	-0.004076	-0.004375	29.8131	-0.012188
4.27031	77.3716	86.533	647.158	708.452	-0.004076	-0.004688	29.9118	-0.012813
4.27131	77.7816	86.6698	646.93	707.359	-0.004076	-0.004688	30.0598	-0.012188
4.27231	78.0549	86.6698	647.729	707.496	-0.012228	-0.004063	29.7638	-0.010313
4.27331	77.7816	86.6698	646.816	706.813	-0.004076	-0.00375	29.9612	-0.014375
4.27431	77.7816	86.533	646.816	706.949	-0.004076	-0.004375	29.9612	-0.012813
4.27531	77.7816	86.6698	646.701	707.086	0.028532	-0.00375	29.9612	-0.012188
4.27631	77.3716	87.0803	647.615	706.813	-0.004076	-0.003438	30.1092	-0.012813
4.27731	77.9183	86.533	646.816	707.359	-0.004076	-0.002188	30.0598	-0.012188
4.27831	77.7816	86.8066	646.587	707.086	-0.004076	-0.005313	30.5039	-0.01375
4.27931	77.5083	86.3962	647.044	707.086	0.052989	-0.006563	30.3559	-0.012813
4.28031	77.9183	86.2593	646.587	705.993	-0.024456	-0.005313	30.2079	-0.013125
4.28131	77.9183	86.8066	647.272	707.769	0.028532	-0.005313	30.1585	-0.013438
4.28231	77.7816	86.6698	647.501	706.266	-0.004076	-0.004688	30.4546	-0.011875
4.28331	78.0549	86.8066	647.844	706.949	-0.008152	-0.005625	30.2079	-0.00875
4.28431	77.7816	86.6698	647.272	706.676	-0.004076	-0.004063	30.3559	-0.011875
4.28531	77.7816	86.8066	646.587	706.54	-0.012228	-0.005938	30.8494	-0.011563
4.28631	78.0549	87.4908	646.359	707.222	-0.004076	-0.005313	30.5533	-0.012813
4.28731	77.7816	87.0803	647.387	707.905	-0.004076	-0.005313	30.3559	-0.013438
4.28831	78.3283	86.2593	646.816	706.949	-0.004076	-0.003125	30.7013	-0.013438
4.28931	77.5083	86.8066	646.816	706.813	-0.008152	-0.006563	30.7013	-0.012813
4.29031	77.5083	86.8066	647.272	707.632	-0.004076	-0.004375	30.5533	-0.011563
4.29131	77.6449	86.533	647.272	706.266	-0.02038	-0.005313	30.7507	-0.012188
4.29231	77.6449	86.6698	647.501	707.496	-0.004076	-0.005313	30.4546	-0.010938
4.29331	77.9183	86.8066	647.044	706.54	-0.004076	-0.005313	30.8026	-0.011875
4.29431	78.0549	86.8066	647.729	706.813	-0.004076	-0.005313	30.3559	-0.010938
4.29531	77.6449	86.8066	647.158	707.086	-0.004076	-0.005938	30.4546	-0.011875
4.29631	77.7816	86.8066	647.615	706.813	0.024456	-0.004063	30.9481	-0.012188
4.29731	77.5083	86.533	647.272	707.496	-0.004076	-0.005313	30.8987	-0.012813
4.29831	78.3283	86.6698	647.272	706.813	-0.004076	-0.005625	30.9974	-0.012188
4.29931	77.5083	86.533	647.501	707.086	0.02038	-0.002813	31.0467	-0.009375
4.30031	77.7816	86.8066	647.615	707.086	-0.004076	-0.004688	30.9974	-0.012188
4.30131	77.5083	86.6698	647.272	706.813	0.028532	-0.004688	30.8987	-0.012813
4.30231	77.7816	86.8066	646.816	706.813	-0.004076	-0.004688	30.8987	-0.012188
4.30331	77.9183	86.9434	647.958	706.403	-0.008152	-0.005313	30.8	-0.012188
4.30431	77.6449	86.8066	647.844	706.676	-0.004076	-0.004063	31.1454	-0.015313
4.30531	77.7816	86.533	647.501	706.54	-0.004076	-0.004375	30.8	-0.012813
4.30631	77.7816	86.3962	647.272	706.813	-0.004076	-0.006563	30.9974	-0.013125
4.30731	77.7816	86.6698	647.272	707.086	-0.004076	-0.004688	31.2935	-0.012188
4.30831	76.9617	86.3962	646.072	706.676	-0.004076	-0.004063	31.2935	-0.012188
4.30931	78.0549	86.8066	647.044	706.813	-0.008152	-0.005313	31.1454	-0.011563
4.31031	77.7816	86.6698	647.729	706.676	-0.004076	-0.002813	31.1454	-0.013438
4.31131	78.0549	86.8066	647.958	706.949	-0.004076	-0.005625	31.1454	-0.012813

4.31231	77.6449	86.8066	647.501	706.676	0.052989	-0.005313	31.1454	-0.012188
4.31331	77.5083	86.533	647.501	707.086	-0.008152	-0.005313	31.0467	-0.013438
4.31431	77.7816	86.8066	647.615	707.496	-0.004076	-0.005938	31.3428	-0.010938
4.31531	77.6449	86.6698	647.501	706.266	-0.008152	-0.005313	31.5402	-0.010313
4.31631	77.6449	86.8066	647.729	706.266	-0.02038	-0.005938	31.4908	-0.011563
4.31731	77.9183	86.8066	647.958	706.676	-0.004076	-0.004375	31.2441	-0.011563
4.31831	77.6449	86.6698	647.501	706.813	-0.004076	-0.004688	31.2441	-0.011563
4.31931	78.0549	86.6698	647.729	707.222	-0.028532	-0.005313	31.5402	-0.012813
4.32031	78.0549	86.9434	647.729	707.222	-0.004076	-0.005313	31.6389	-0.012813
4.32131	77.9183	86.8066	647.729	707.496	0.028532	-0.002813	31.2441	-0.012813
4.32231	78.3283	87.0803	647.729	707.632	-0.004076	-0.006563	31.4908	-0.010938
4.32331	77.6449	86.8066	647.615	706.813	0.032609	-0.005625	31.4908	-0.011563
4.32431	77.6449	86.8066	647.844	707.359	-0.004076	-0.005938	31.4415	-0.010938
4.32531	77.7816	87.0803	648.186	707.905	-0.004076	-0.005625	31.5402	-0.011563
4.32631	77.5083	86.9434	648.186	706.266	-0.004076	-0.005	31.5402	-0.011563
4.32731	78.0549	86.8066	647.958	707.086	-0.004076	-0.004375	31.7376	-0.010938
4.32831	77.9183	86.6698	648.186	707.222	-0.004076	-0.005938	31.5895	-0.012813
4.32931	77.9183	86.8066	647.615	707.222	-0.004076	-0.005313	31.5895	-0.013438
4.33031	77.9183	86.8066	647.501	706.813	-0.004076	-0.005938	32.0336	-0.011563
4.33131	78.3283	86.1225	647.844	707.222	-0.004076	-0.005313	31.5402	-0.011875
4.33231	77.7816	87.0803	647.044	707.086	0.02038	-0.001875	31.6389	-0.011563
4.33331	78.0549	87.3539	647.501	707.086	-0.004076	-0.00625	31.7376	-0.011563
4.33431	77.5083	86.8066	647.501	706.676	0.032609	-0.005313	31.6882	-0.011563
4.33531	77.7816	86.8066	647.958	707.222	-0.004076	-0.005938	31.9349	-0.010938
4.33631	78.0549	87.0803	648.415	707.905	-0.004076	-0.004688	31.5895	-0.012813
4.33731	77.7816	86.8066	648.072	706.813	-0.004076	-0.006563	31.7869	-0.011875
4.33831	77.3716	86.6698	647.729	706.54	-0.004076	-0.005313	31.9349	-0.014063
4.33931	77.6449	86.533	647.729	706.54	-0.036685	-0.00875	31.2441	-0.012813
4.34031	78.0549	87.3539	647.044	706.54	-0.004076	-0.005938	31.7376	-0.013125
4.34131	77.7816	86.533	647.729	707.086	-0.004076	-0.007188	31.8856	-0.012813
4.34231	78.0549	86.9434	647.958	707.905	-0.004076	-0.005625	31.5402	-0.0125
4.34331	78.0549	86.533	647.958	707.496	-0.008152	-0.003438	31.7376	-0.0125
4.34431	77.9183	86.8066	648.643	706.266	-0.004076	-0.006563	31.6389	-0.011563
4.34531	77.7816	86.8066	647.387	707.905	0.02038	-0.00625	31.7376	-0.013125
4.34631	78.0549	87.2171	647.387	707.222	-0.004076	-0.006563	31.7376	-0.012813
4.34731	77.7816	86.8066	647.844	708.725	0.032609	-0.004375	31.6389	-0.01125
4.34831	77.7816	86.8066	647.958	707.359	-0.004076	-0.006875	31.6882	-0.011563
4.34931	78.0549	86.1225	647.958	707.086	-0.004076	-0.005313	31.6389	-0.010313
4.35031	78.3283	86.6698	647.272	706.813	-0.004076	-0.005625	31.4908	-0.013438
4.35131	77.7816	86.8066	647.501	707.222	-0.004076	-0.004375	31.7376	-0.010938
4.35231	78.0549	86.6698	648.072	707.496	-0.004076	-0.004688	32.0336	-0.012188
4.35331	78.0549	86.8066	647.501	707.359	-0.004076	-0.005313	31.5402	-0.012188
4.35431	77.9183	87.0803	647.958	707.769	-0.004076	-0.003438	31.7376	-0.011563
4.35531	77.7816	86.533	648.186	707.632	0.032609	-0.007813	31.5402	-0.012813
4.35631	77.5083	86.8066	648.3	707.496	0.044837	-0.005313	31.4415	-0.011875
4.35731	77.9183	86.8066	648.072	707.359	-0.004076	-0.005938	31.6363	-0.012188
4.35831	78.0549	86.9434	648.186	706.949	-0.016304	-0.007188	31.6389	-0.013125
4.35931	76.9617	86.6698	647.958	707.086	-0.004076	-0.006563	31.7869	-0.01125
4.36031	77.7816	86.6698	647.729	706.813	-0.004076	-0.005313	31.5402	-0.013125

4.36131	77.9183	87.0803	647.158	705.583	-0.040761	-0.008438	31.2441	-0.014375
4.36231	78.0549	86.8066	647.729	707.359	-0.004076	-0.005938	31.4908	-0.012813
4.36331	77.235	86.6698	647.729	707.496	-0.004076	-0.005625	31.7889	-0.012813
4.36431	77.7816	86.533	647.501	707.359	-0.004076	-0.004688	31.7376	-0.010313
4.36531	77.3716	86.533	647.729	707.086	-0.004076	-0.002813	31.4908	-0.01125
4.36631	77.9183	86.6698	648.186	707.496	-0.004076	-0.00625	31.6389	-0.011875
4.36731	77.7816	86.8066	647.958	707.905	-0.004076	-0.005313	31.3428	-0.011875
4.36831	77.6449	86.533	648.186	706.813	0.024456	-0.006563	31.4908	-0.010938
4.36931	78.0549	86.6698	648.072	707.632	-0.004076	-0.006875	31.4908	-0.011875
4.37031	77.7816	86.8066	647.729	707.632	-0.004076	-0.007188	31.5402	-0.014688
4.37131	78.0549	86.8066	647.958	706.676	-0.008152	-0.006875	31.3922	-0.0125
4.37231	77.9183	86.8066	647.615	706.13	-0.040761	-0.007188	31.2935	-0.016563
4.37331	78.0549	86.8066	647.501	707.086	-0.004076	-0.005938	31.2935	-0.011875
4.37431	78.4649	86.1225	648.072	707.222	-0.004076	-0.005313	31.7889	-0.013125
4.37532	77.7816	86.533	648.415	707.905	0.036685	-0.007813	31.2441	-0.013438
4.37632	77.7816	86.8066	647.729	707.905	-0.012228	-0.005313	31.3922	-0.012813
4.37732	78.0549	86.8066	647.844	707.359	-0.004076	-0.005625	31.5402	-0.011563
4.37832	78.0549	86.8066	648.186	707.769	0.069293	-0.004688	31.5895	-0.01125
4.37932	78.0549	86.9434	648.643	707.632	0.026532	-0.005938	31.2441	-0.012188
4.38032	77.7816	86.8066	647.958	707.086	-0.004076	-0.005313	31.5402	-0.011563
4.38132	77.9183	86.533	647.958	707.905	-0.004076	-0.006563	31.5402	-0.010938
4.38232	78.3283	86.2593	647.958	707.086	-0.004076	-0.005625	31.5402	-0.010938
4.38332	77.6449	86.8066	647.729	705.72	-0.052989	-0.008125	30.9974	-0.0125
4.38432	78.0549	87.4908	647.272	706.54	-0.012228	-0.006875	31.5402	-0.011563
4.38532	77.5083	86.1225	647.844	706.676	-0.004076	-0.005938	31.5402	-0.013125
4.38632	77.7816	86.6698	647.729	707.769	-0.004076	-0.005625	31.0467	-0.013438
4.38732	78.0549	86.8066	648.072	707.905	-0.004076	-0.003438	31.5402	-0.015313
4.38832	77.9183	86.8066	648.415	706.813	-0.004076	-0.005938	31.2441	-0.01375
4.38932	77.9183	86.8066	647.729	707.496	-0.004076	-0.004063	30.9481	-0.013125
4.39032	77.7816	86.8066	648.072	707.359	0.032609	-0.006563	30.9974	-0.011875
4.39132	77.7816	86.533	647.958	707.359	-0.004076	-0.007188	31.0467	-0.012188
4.39232	77.7816	86.8066	647.958	707.905	-0.004076	-0.006563	31.1454	-0.013438
4.39332	77.7816	86.8066	647.729	706.54	-0.008152	-0.0075	31.0467	-0.011563
4.39432	78.3283	87.0803	647.387	706.31	-0.036685	-0.010313	30.4053	-0.014063
4.39532	77.235	86.6698	647.729	707.632	-0.004076	-0.005313	30.8494	-0.01375
4.39632	77.5083	86.533	648.415	707.632	-0.004076	-0.005625	31.4908	-0.011563
4.39732	78.0549	86.533	648.072	707.359	-0.004076	-0.006875	31.0961	-0.010938
4.39832	77.9183	86.6698	648.186	707.905	0.032609	-0.002813	31.2441	-0.010938
4.39932	77.7816	86.8066	648.186	707.632	-0.004076	-0.005938	31.0961	-0.010938
4.40032	77.5083	87.0803	647.729	707.222	0.052989	-0.005313	30.9974	-0.011875
4.40132	78.0549	85.9857	647.958	706.949	-0.004076	-0.005625	30.8494	-0.010938
4.40232	77.9183	86.6698	647.729	707.086	-0.004076	-0.005313	30.852	-0.012813
4.40332	77.7816	86.8066	648.186	708.452	-0.004076	-0.006563	30.8494	-0.012813
4.40432	77.9183	86.8066	647.729	707.222	-0.004076	-0.005625	30.8	-0.012813
4.40532	78.0549	86.533	647.958	707.222	-0.004076	-0.006875	30.6026	-0.011563
4.40632	77.7816	86.8066	647.501	707.359	-0.004076	-0.005313	30.852	-0.014688
4.40732	77.9183	86.6698	647.958	707.086	-0.004076	-0.006563	31.3428	-0.012813
4.40832	77.7816	86.8066	647.729	707.905	-0.004076	-0.004688	30.7507	-0.011563
4.40932	77.9183	86.533	647.729	707.086	-0.004076	-0.005313	30.9974	-0.0125

4.41032	78.0549	86.8066	647.958	707.632	-0.004076	-0.007188	30.8026	-0.012813
4.41132	77.9183	87.2171	646.93	706.54	-0.02038	-0.007813	30.4546	-0.012188
4.41232	77.9183	86.6698	647.729	706.949	-0.012228	-0.006625	30.5533	-0.012188
4.41332	77.7816	86.8066	647.844	707.222	-0.012228	-0.007188	30.7013	-0.012813
4.41432	77.5063	86.533	648.072	707.769	0.026532	-0.007188	30.5533	-0.012813
4.41532	78.0549	87.0803	647.958	706.813	-0.004076	-0.005313	30.8494	-0.012813
4.41632	77.7816	86.533	648.186	706.813	-0.024456	-0.009063	30.3559	-0.010938
4.41732	77.7816	86.3962	647.501	707.086	-0.008152	-0.006563	30.4053	-0.01375
4.41832	78.0549	85.9857	647.615	706.813	-0.004076	-0.005938	30.7013	-0.012813
4.41932	77.7816	86.8066	647.958	707.086	-0.004076	-0.005313	30.2572	-0.014063
4.42032	77.7816	86.8066	647.501	707.086	-0.004076	-0.002813	30.1585	-0.014375
4.42132	77.9183	86.8066	647.615	706.813	-0.004076	-0.006563	30.3066	-0.010625
4.42232	77.7816	86.8066	647.729	707.496	-0.004076	-0.005313	30.0105	-0.011875
4.42332	77.7816	86.8066	647.729	707.086	-0.004076	-0.00625	30.1092	-0.011563
4.42432	78.6016	86.2593	647.501	706.676	-0.016304	-0.007813	30.1092	-0.013438
4.42532	77.5063	86.2593	647.844	708.315	-0.004076	-0.005313	30.2572	-0.012188
4.42632	78.1916	86.6698	647.615	707.086	-0.004076	-0.006563	30.0105	-0.0125
4.42732	78.3283	87.0803	648.072	706.54	-0.008152	-0.008125	29.6651	-0.012813
4.42832	78.0549	86.8066	647.615	706.54	-0.024456	-0.007813	29.9118	-0.012813
4.42932	77.9183	86.8066	648.186	707.359	0.024456	-0.004375	30.2079	-0.012813
4.43032	77.7816	86.8066	647.501	707.359	0.024456	-0.004063	29.6651	-0.012188
4.43132	78.0549	86.8066	647.729	707.496	-0.004076	-0.005313	29.9612	-0.010938
4.43232	77.9183	86.6698	647.501	707.769	-0.004076	-0.005313	29.7144	-0.010625
4.43332	77.7816	86.8066	647.729	707.359	-0.004076	-0.006625	29.7638	-0.011563
4.43432	77.7816	86.8066	647.958	707.086	-0.004076	-0.005313	29.7638	-0.012813
4.43532	77.7816	86.8066	647.958	707.222	-0.012228	-0.00625	29.5664	-0.012188
4.43632	78.0549	87.2171	648.3	707.769	-0.004076	-0.006563	29.4677	-0.012813
4.43732	77.7816	86.8066	647.958	706.813	-0.036685	-0.006875	29.5664	-0.012813
4.43832	77.5063	86.3962	648.757	707.632	-0.004076	-0.005625	29.8625	-0.010313
4.43932	78.0549	87.3539	647.501	706.813	-0.012228	-0.006563	29.1716	-0.012813
4.44032	77.9183	86.8066	647.387	706.54	-0.004076	-0.008125	29.5664	-0.014063
4.44132	78.0549	86.9434	647.729	707.632	0.02038	-0.005313	29.369	-0.012813
4.44232	77.7816	86.8066	647.958	707.905	0.036685	-0.004375	29.1716	-0.011563
4.44332	77.9183	86.6698	647.958	707.359	-0.004076	-0.006563	29.073	-0.012188
4.44432	77.7816	86.9434	648.186	706.676	0.02038	-0.005938	29.2703	-0.011563
4.44532	77.9183	86.6698	647.729	706.813	0.040761	-0.005938	29.369	-0.012813
4.44632	78.0549	86.533	647.044	706.403	-0.024456	-0.006563	29.1223	-0.010938
4.44732	77.6449	86.8066	647.729	706.315	-0.004076	-0.005313	29.221	-0.010938
4.44832	77.9183	86.6698	647.729	707.086	-0.004076	-0.005313	29.3197	-0.012188
4.44932	77.7816	86.8066	648.643	707.359	-0.004076	-0.005313	29.1716	-0.007813
4.45032	78.0549	86.3962	647.272	706.676	-0.004076	-0.007188	28.9743	-0.01375
4.45132	78.0549	86.8066	647.387	706.676	-0.004076	-0.005938	29.8131	-0.010313
4.45232	77.9183	86.8066	647.958	707.222	-0.004076	-0.005625	29.0236	-0.0125
4.45332	77.9183	86.533	647.387	707.086	-0.004076	-0.006563	28.8756	-0.012813
4.45432	78.4649	86.8066	647.501	707.222	-0.004076	-0.005313	28.9743	-0.012188
4.45532	77.9183	86.6698	647.729	706.813	-0.004076	-0.006563	28.8756	-0.010625
4.45632	78.0549	87.0803	647.958	707.086	-0.004076	-0.007188	28.7769	-0.011563
4.45732	78.0549	86.8066	647.387	707.359	-0.004076	-0.005313	28.8756	-0.013438
4.45832	77.9183	86.8066	647.158	708.725	-0.004076	-0.007813	28.7769	-0.012813

4.45932	78.0549	87.0803	647.729	706.813	-0.004076	-0.006563	28.7769	-0.013125
4.46032	77.9183	86.6698	647.158	706.403	-0.004076	-0.007813	28.7769	-0.010313
4.46132	78.0549	86.533	646.816	706.54	-0.02038	-0.007188	28.5302	-0.011563
4.46232	78.0549	86.6698	647.272	707.222	-0.004076	-0.00625	28.7769	-0.013125
4.46332	77.6449	86.533	647.158	706.676	-0.004076	-0.005625	28.6269	-0.01125
4.46432	77.9183	86.8066	647.501	706.813	-0.004076	-0.004375	28.4808	-0.012813
4.46532	78.0549	86.8066	647.272	707.086	-0.004076	-0.005938	28.4316	-0.012188
4.46632	77.9183	86.8066	647.272	706.676	-0.004076	-0.007813	28.5302	-0.010625
4.46732	77.235	86.2593	647.387	707.086	-0.004076	-0.005313	28.4808	-0.012188
4.46832	77.5083	86.2593	646.816	706.54	-0.004076	-0.005938	28.5302	-0.012813
4.46932	78.0549	86.8066	647.501	707.905	-0.004076	-0.006563	28.5302	-0.0125
4.47032	77.7816	86.533	647.615	705.993	-0.004076	-0.005313	28.3821	-0.011875
4.47132	77.7816	86.2593	648.186	706.813	-0.004076	-0.005938	28.4808	-0.010313
4.47232	78.0549	86.8066	647.272	705.447	-0.012228	-0.007813	28.3328	-0.013125
4.47332	77.235	86.2593	647.158	706.813	-0.004076	-0.00625	28.5302	-0.012813
4.47432	77.9183	86.3962	647.158	706.403	-0.004076	-0.004063	28.6782	-0.01125
4.47532	77.235	86.3962	647.044	706.54	-0.004076	-0.005938	28.1847	-0.012813
4.47632	77.9183	86.533	646.816	706.813	0.028532	-0.004375	28.3821	-0.012188
4.47732	78.0549	87.0803	647.044	706.813	-0.004076	-0.006625	28.2834	-0.012813
4.47832	77.5083	86.6698	647.158	706.54	-0.004076	-0.00625	27.8887	-0.011875
4.47932	78.0549	86.8066	647.272	706.268	-0.008152	-0.006875	28.1847	-0.010313
4.48032	77.3716	86.3962	646.816	707.905	0.028532	-0.006563	27.8887	-0.012813
4.48132	77.7816	86.8066	647.272	706.13	-0.004076	-0.005313	28.1354	-0.011563
4.48232	78.6016	87.3539	647.158	706.949	-0.004076	-0.004688	28.0861	-0.007813
4.48332	77.9183	86.6698	646.816	706.13	-0.004076	-0.007188	27.9874	-0.011563
4.48432	78.3283	86.3962	645.902	705.993	-0.004076	-0.006563	27.9874	-0.011563
4.48532	77.3716	86.2593	646.816	705.993	-0.004076	-0.007188	27.7406	-0.012813
4.48632	77.9183	86.6698	646.473	706.676	0.02038	-0.004063	27.8393	-0.012813
4.48732	78.0549	86.8066	646.816	706.54	0.028532	-0.005625	27.6913	-0.013438
4.48832	78.0549	86.8066	646.816	706.54	-0.004076	-0.005938	27.79	-0.011563
4.48932	77.7816	86.533	646.587	705.583	0.02038	-0.005938	27.8393	-0.0125
4.49032	77.7816	86.8066	646.473	706.993	-0.004076	-0.005938	27.5926	-0.013125
4.49132	77.7816	86.8066	646.701	706.813	-0.004076	-0.010313	27.6913	-0.012188
4.49232	78.4649	86.2593	646.816	705.447	-0.004076	-0.006563	27.5926	-0.013438
4.49332	77.9183	86.6698	646.072	706.13	-0.004076	-0.007188	27.5926	-0.010313
4.49432	77.6449	86.8066	646.701	705.583	-0.004076	-0.007813	27.5433	-0.013438
4.49532	78.0549	86.533	646.816	705.447	-0.004076	-0.005938	27.79	-0.011875
4.49632	78.0549	86.8066	646.816	706.447	-0.004076	-0.00625	27.79	-0.012188
4.49732	77.7816	86.533	646.701	705.447	0.02038	-0.006563	27.5926	-0.010938
4.49832	78.0549	86.8066	646.587	705.583	-0.02038	-0.004063	27.4446	-0.01125
4.49932	78.0549	86.6698	646.816	705.447	0.02038	-0.007188	27.4939	-0.013438
4.50032	78.0549	86.8066	646.245	705.174	0.024456	-0.0075	27.3952	-0.011563
4.50132	78.0549	87.2171	647.272	704.081	-0.012228	-0.006563	27.5433	-0.012813
4.50232	77.9183	86.8066	646.816	706.54	-0.004076	-0.005625	27.3952	-0.010938
4.50332	77.9183	86.533	646.13	703.535	-0.004076	-0.006875	27.5433	-0.0125
4.50432	77.235	86.2593	646.587	704.764	-0.008152	-0.005938	27.3952	-0.009688
4.50532	78.0549	86.6698	646.701	705.174	0.032609	-0.006875	27.1979	-0.013438
4.50632	77.9183	86.6698	646.359	703.944	-0.004076	-0.006563	27.3952	-0.012813
4.50732	78.0549	87.3539	645.902	704.081	-0.004076	-0.004375	27.3459	-0.011875

4.50832	78.0549	86.8066	645.788	703.536	-0.004076	-0.006625	27.5926	-0.011875
4.50932	77.7816	86.8066	646.587	704.354	0.02038	-0.004688	27.3459	-0.013125
4.51032	78.3283	86.6698	646.587	704.354	-0.004076	-0.006563	27.0992	-0.013438
4.51132	78.0549	86.8066	646.473	703.808	0.048913	-0.005313	27.4446	-0.012813
4.51232	78.6016	87.2171	646.816	703.262	-0.008152	-0.005938	27.2965	-0.012813
4.51332	78.0549	86.8066	646.359	703.944	-0.004076	-0.005938	27.3459	-0.012813
4.51433	78.0549	86.8066	646.359	703.262	0.024456	-0.005313	27.1979	-0.013438
4.51533	78.4649	86.6698	646.13	701.896	-0.02038	-0.006563	27.1979	-0.009063
4.51633	77.9183	86.533	645.559	701.896	-0.004076	-0.006563	27.2965	-0.012188
4.51733	78.4649	87.0803	646.587	702.579	0.02038	-0.005313	27.4939	-0.012188
4.51833	78.4649	87.0803	646.13	702.169	-0.004076	-0.006875	27.2965	-0.014688
4.51933	78.0549	87.2171	646.016	701.896	-0.004076	-0.005313	27.3459	-0.010938
4.52033	77.7816	86.8066	646.816	701.623	-0.004076	-0.002813	27.5433	-0.012188
4.52133	77.3716	86.533	646.016	701.759	-0.004076	-0.00625	27.0992	-0.012188
4.52233	78.0549	86.8066	646.587	700.803	0.036685	-0.006875	27.2965	-0.012813
4.52333	77.6449	86.8066	645.902	701.349	-0.004076	-0.007813	27.3459	-0.011563
4.52433	77.9183	86.6698	645.902	701.623	-0.004076	-0.0075	27.1485	-0.012188
4.52533	78.0549	86.8066	646.13	700.803	-0.004076	-0.005938	27.3459	-0.013125
4.52633	77.9183	86.533	645.445	699.71	-0.008152	-0.006625	27.3459	-0.012188
4.52733	77.7816	86.6698	646.816	699.984	-0.004076	-0.005313	27.4939	-0.012813
4.52833	78.0549	86.8066	645.902	699.028	-0.004076	-0.006563	27.79	-0.012188
4.52933	78.0549	86.6698	646.13	700.257	0.028532	-0.006563	27.1485	-0.012188
4.53033	77.7816	86.8066	645.788	699.71	-0.004076	-0.005313	27.3952	-0.010313
4.53133	78.0549	86.8066	645.902	699.164	-0.004076	-0.00625	27.1979	-0.011875
4.53233	78.3283	86.8066	646.587	700.667	0.032609	-0.007188	27.0992	-0.011563
4.53333	77.7816	86.8066	645.445	698.891	0.036685	-0.006563	27.1979	-0.011563
4.53433	77.236	86.8066	645.673	698.754	-0.012228	-0.007188	27.2965	-0.012813
4.53533	78.1916	87.0803	645.902	699.164	-0.004076	-0.006875	27.1979	-0.01125
4.53633	77.7816	86.8066	645.788	698.345	-0.004076	-0.005938	27.2965	-0.012813
4.53733	77.9183	86.6698	645.902	697.935	-0.008152	-0.007188	27.1979	-0.010938
4.53833	78.4649	87.2171	645.902	698.208	-0.004076	-0.004688	27.0992	-0.013438
4.53933	78.0549	86.9434	644.988	697.798	-0.004076	-0.006563	27.1979	-0.013125
4.54033	78.0549	86.8066	645.902	697.798	-0.004076	-0.006563	27.5926	-0.011563
4.54133	78.0549	87.0803	645.788	697.252	-0.004076	-0.005313	27.3952	-0.012813
4.54233	77.9183	86.8066	644.988	696.432	-0.004076	-0.004063	27.1979	-0.012813
4.54333	77.7816	86.8066	645.445	697.115	-0.004076	-0.006625	27.2965	-0.011563
4.54433	77.9183	86.533	645.902	696.979	0.040761	-0.006563	27.2965	-0.011875
4.54533	78.3283	87.3539	645.902	696.706	-0.004076	-0.005938	27.3459	-0.010313
4.54633	78.0549	86.8066	645.217	696.842	-0.004076	-0.006563	27.3952	-0.012188
4.54733	77.9183	86.8066	645.331	696.159	-0.004076	-0.007188	27.3952	-0.012188
4.54833	77.3716	86.8066	644.988	694.793	-0.004076	-0.007188	27.3952	-0.011563
4.54933	77.9183	86.533	645.902	695.067	-0.004076	-0.009063	27.0992	-0.012188
4.55033	77.7816	86.2593	644.645	695.203	-0.004076	-0.005938	27.5926	-0.014063
4.55133	78.0549	86.3962	644.988	695.067	-0.008152	-0.006563	27.1979	-0.012813
4.55233	77.9183	86.533	644.76	694.793	-0.004076	-0.005938	27.1485	-0.012188
4.55333	78.0549	86.6698	646.13	695.34	-0.004076	-0.005313	27.3459	-0.011563
4.55433	77.7816	86.533	645.217	694.384	-0.004076	-0.008125	27.1979	-0.010938
4.55533	78.3283	86.2593	644.988	693.974	0.052989	-0.006563	27.1979	-0.010313
4.55633	77.9183	86.8066	645.217	694.52	-0.02038	-0.006563	27.1485	-0.012813

4.55733	78.0549	86.533	644.988	694.793	0.02038	-0.006625	27.1979	-0.013438
4.55833	78.4649	86.8066	645.559	693.701	0.02038	-0.007188	27.1979	-0.012188
4.55933	78.0549	86.533	644.988	693.018	-0.004076	-0.005938	27.2472	-0.012813
4.56033	78.0549	86.8066	644.417	692.472	-0.004076	-0.007813	27.0005	-0.012188
4.56133	78.3283	87.3539	644.303	692.881	-0.004076	-0.006563	27.1979	-0.012188
4.56233	78.0549	86.2593	644.988	693.154	-0.004076	-0.005938	27.79	-0.011563
4.56333	78.0549	87.2171	645.217	692.335	-0.004076	-0.005313	27.1979	-0.012813
4.56433	78.4649	86.8066	645.445	693.154	-0.012228	-0.006	27.4446	-0.010938
4.56533	77.7816	86.8066	644.988	692.198	-0.004076	-0.006563	27.2965	-0.011563
4.56633	78.7383	87.3539	645.673	692.608	0.036685	-0.004375	27.4939	-0.011563
4.56733	77.7816	86.8066	644.988	691.516	-0.004076	-0.006563	27.1979	-0.010938
4.56833	77.9183	86.533	644.531	691.242	-0.004076	-0.005938	27.2472	-0.010938
4.56933	77.9183	86.8066	644.531	690.969	-0.02038	-0.007188	27.2472	-0.01125
4.57033	78.0549	86.6698	644.988	690.423	-0.004076	-0.005313	27.2965	-0.011563
4.57133	78.0549	87.3539	644.988	689.877	-0.016304	-0.007813	27.1485	-0.012813
4.57233	77.7816	86.533	644.074	689.877	-0.008152	-0.00625	27.4939	-0.013125
4.57333	78.0549	86.8066	644.417	690.15	-0.004076	-0.005625	27.5926	-0.012813
4.57433	78.0549	86.8066	644.303	689.33	-0.004076	-0.0075	27.4939	-0.014688
4.57533	78.0549	86.8066	644.76	690.15	0.028532	-0.002813	27.1979	-0.012813
4.57633	78.0549	87.0803	644.417	689.877	-0.004076	-0.007188	27.2472	-0.012813
4.57733	77.5083	86.3962	644.988	689.194	0.024456	-0.007188	27.3952	-0.012813
4.57833	78.1916	86.6698	644.988	689.603	-0.004076	-0.005313	27.4446	-0.011563
4.57933	78.3283	86.8066	645.217	689.74	0.028532	-0.004688	27.5926	-0.012188
4.58033	78.0549	87.0803	644.531	688.374	-0.004076	-0.00375	27.3459	-0.013438
4.58133	78.4649	87.0803	644.417	688.784	-0.004076	-0.005938	27.3952	-0.011563
4.58233	78.0549	87.3539	642.704	687.008	-0.036685	-0.01125	26.8524	-0.014375
4.58333	78.0549	86.6698	644.074	688.238	-0.004076	-0.007813	27.3952	-0.01375
4.58433	78.6016	86.533	643.96	687.964	-0.004076	-0.006563	27.79	-0.010313
4.58533	78.3283	87.0803	644.531	687.691	-0.004076	-0.00625	27.4939	-0.011875
4.58633	77.7816	86.533	644.303	687.828	-0.008152	-0.005938	27.3952	-0.011563
4.58733	77.7816	86.533	644.303	687.964	-0.004076	-0.006875	27.3459	-0.011563
4.58833	78.0549	86.533	644.074	687.828	0.036685	-0.005313	27.4446	-0.012188
4.58933	78.0549	86.533	644.531	688.238	0.028532	-0.005938	27.3459	-0.012813
4.59033	78.0549	86.6698	644.074	687.145	-0.004076	-0.005938	27.5433	-0.012188
4.59133	78.6016	85.7121	644.531	688.238	-0.004076	-0.006563	27.5433	-0.012813
4.59233	77.7816	86.8066	643.96	686.916	-0.012228	-0.007188	27.642	-0.010938
4.59333	78.0549	86.8066	643.503	686.779	-0.024456	-0.008438	27.1979	-0.01375
4.59433	78.0549	86.6698	644.074	686.872	-0.004076	-0.006563	27.5926	-0.012188
4.59533	77.6449	86.8066	643.846	686.599	-0.004076	-0.006875	27.6913	-0.012813
4.59633	78.0549	86.533	644.074	686.052	-0.004076	-0.005938	27.4939	-0.012188
4.59733	77.7816	86.8066	644.76	686.052	-0.004076	-0.002813	27.642	-0.012813
4.59833	77.7816	86.533	643.846	686.052	-0.004076	-0.006875	27.5926	-0.011875
4.59933	78.3283	87.2171	643.617	685.779	0.028532	-0.007188	27.5926	-0.012813
4.60033	78.0549	86.533	644.303	686.735	-0.004076	-0.00625	27.6913	-0.011875
4.60133	77.9183	86.533	643.96	686.052	-0.008152	-0.006875	27.7406	-0.01125
4.60233	78.4649	87.0803	644.303	685.506	-0.004076	-0.007813	27.6913	-0.012813
4.60333	78.0549	86.533	643.96	685.642	-0.004076	-0.007813	27.5926	-0.011875
4.60433	77.9183	86.6698	643.846	684.623	-0.012228	-0.010313	27.0992	-0.013438
4.60533	77.7816	86.8066	643.161	685.233	-0.004076	-0.007813	27.4939	-0.014063

4.60633	77.9183	86.6698	644.074	685.369	-0.004076	-0.007813	27.79	-0.012813
4.60733	78.7383	87.2171	643.732	685.096	-0.004076	-0.005938	27.8393	-0.012813
4.60833	78.0549	86.6698	644.417	685.642	-0.004076	-0.004688	27.8393	-0.011563
4.60933	78.0549	87.2171	643.161	685.779	0.024456	-0.006875	27.5926	-0.012188
4.61033	78.0549	86.8066	644.074	685.506	0.036685	-0.006563	27.4939	-0.013125
4.61133	78.4649	86.2593	644.074	685.642	0.024456	-0.006563	27.3952	-0.012813
4.61233	78.0549	86.533	643.617	685.233	-0.004076	-0.006563	27.79	-0.010313
4.61333	77.235	86.6698	643.617	685.916	-0.004076	-0.006875	27.5926	-0.011563
4.61433	78.0549	86.8066	643.617	684.686	-0.004076	-0.006563	27.5433	-0.012188
4.61533	77.9183	86.8066	643.161	683.594	-0.036685	-0.010313	27.2965	-0.014688
4.61633	77.6449	86.3962	643.161	684.277	-0.012228	-0.0075	27.79	-0.011563
4.61733	78.0549	86.8066	644.303	685.779	-0.004076	-0.005938	28.3821	-0.010938
4.61833	78.3283	87.2171	644.417	684.413	-0.006152	-0.005625	27.8393	-0.01125
4.61933	78.6016	86.8066	643.161	684.96	-0.004076	-0.003438	27.9874	-0.011563
4.62033	78.4649	86.533	644.074	684.96	-0.004076	-0.007188	27.79	-0.014063
4.62133	78.3283	86.6698	643.732	684.413	-0.004076	-0.00625	28.1847	-0.011563
4.62233	78.7383	86.9434	643.161	683.867	-0.02038	-0.00625	27.9874	-0.011875
4.62333	78.6016	85.9857	643.96	684.96	-0.004076	-0.00625	27.79	-0.0125
4.62433	77.3716	86.8066	643.617	684.413	-0.004076	-0.006875	27.8867	-0.012813
4.62533	78.0549	86.8066	643.161	683.594	-0.004076	-0.006875	27.8867	-0.011875
4.62633	77.9183	86.8066	644.76	684.413	-0.018304	-0.007813	27.8393	-0.009063
4.62733	77.7816	86.8066	642.932	683.73	-0.008152	-0.00875	27.8913	-0.013438
4.62833	78.0549	86.8066	644.074	683.867	-0.004076	-0.007188	27.9874	-0.013438
4.62933	78.0549	86.533	643.617	683.73	-0.004076	-0.006563	27.938	-0.012813
4.63033	78.0549	86.8066	643.161	683.867	-0.004076	-0.003438	27.79	-0.013438
4.63133	78.0549	86.6698	643.503	683.867	-0.004076	-0.008125	27.9874	-0.012813
4.63233	78.0549	86.8066	644.074	684.14	0.018304	-0.006563	27.938	-0.011875
4.63333	78.0549	86.8066	643.617	684.14	0.024456	-0.007188	27.79	-0.011563
4.63433	77.9183	86.6698	643.161	683.594	-0.028532	-0.007813	28.0861	-0.011875
4.63533	78.0549	86.8066	643.846	684.96	-0.004076	-0.005625	27.9874	-0.010938
4.63633	78.0549	86.8066	643.617	683.184	-0.004076	-0.007813	28.0861	-0.011563
4.63733	78.7383	86.533	643.161	683.321	-0.008152	-0.008438	27.79	-0.013438
4.63833	78.0549	86.9434	642.932	683.457	-0.004076	-0.004688	27.8867	-0.013125
4.63933	78.0549	86.9434	643.732	683.867	0.02038	-0.004375	28.4808	-0.012188
4.64033	78.0549	86.8066	643.846	684.277	-0.004076	-0.007813	28.0861	-0.013125
4.64133	78.0549	86.6698	643.161	683.321	-0.004076	-0.004688	28.0861	-0.010938
4.64233	78.3283	86.8066	644.074	683.457	-0.004076	-0.004688	28.1354	-0.013438
4.64333	78.3283	86.8066	643.96	684.14	-0.004076	-0.005313	28.1847	-0.013125
4.64433	78.0549	86.533	643.96	683.867	0.028532	-0.007813	28.1847	-0.011875
4.64533	78.0549	86.8066	643.161	683.594	-0.004076	-0.005938	28.1847	-0.011563
4.64633	78.0549	86.6698	643.846	683.867	-0.004076	-0.007813	28.2341	-0.012813
4.64733	78.0549	86.533	643.732	683.594	-0.004076	-0.007813	28.0367	-0.011875
4.64833	78.3283	86.9434	644.988	683.321	-0.004076	-0.005938	28.2834	-0.009375
4.64933	78.0549	86.533	643.046	683.047	-0.004076	-0.005313	28.1354	-0.014375
4.65033	78.0549	87.0803	643.846	683.867	-0.004076	-0.006563	28.4808	-0.010938
4.65133	78.0549	86.8066	642.932	683.184	-0.004076	-0.005313	27.9874	-0.012188
4.65233	78.0549	86.533	643.617	683.321	-0.004076	-0.004063	28.3328	-0.011875
4.65334	78.4649	86.8066	643.161	683.184	-0.004076	-0.008438	28.1354	-0.011563
4.65434	78.4649	87.2171	643.161	683.73	-0.004076	-0.005938	28.3821	-0.012188

4.65534	78.0549	86.6698	643.161	683.457	-0.004076	-0.007188	27.9874	-0.01375
4.65634	77.7816	86.533	642.932	683.321	-0.012228	-0.007813	28.2341	-0.014063
4.65734	78.0549	86.6698	643.161	684.413	-0.004076	-0.007188	27.9874	-0.013438
4.65834	77.5083	86.6698	643.732	683.184	-0.004076	-0.007188	28.2341	-0.01125
4.65934	78.6016	86.9857	643.846	683.184	-0.004076	-0.005938	28.2341	-0.010938
4.66034	78.3283	86.8066	643.161	683.184	-0.004076	-0.00625	28.3326	-0.011875
4.66134	78.0549	86.6698	643.161	683.457	-0.004076	-0.006563	28.8262	-0.011875
4.66234	78.0549	86.533	643.617	683.321	-0.004076	-0.005625	28.3821	-0.010938
4.66334	78.0549	86.8066	643.617	683.457	-0.004076	-0.004688	28.2834	-0.013438
4.66434	77.9183	86.8066	643.161	683.594	-0.004076	-0.007813	28.1847	-0.012813
4.66534	78.875	86.2593	643.617	683.321	0.024456	-0.008438	28.2834	-0.013125
4.66634	78.3283	86.8066	643.161	683.047	-0.004076	-0.007813	28.2834	-0.011875
4.66734	78.0549	86.8066	643.161	683.594	-0.004076	-0.005938	28.3821	-0.010938
4.66834	78.0549	86.6698	642.704	683.867	-0.004076	-0.005625	28.3821	-0.012813
4.66934	78.0549	86.8066	643.732	683.321	-0.004076	-0.005938	28.3821	-0.011563
4.67034	78.3283	86.6698	643.161	682.638	-0.02038	-0.007188	28.3821	-0.009688
4.67134	78.0549	86.9434	643.161	683.594	0.02038	-0.005625	28.1354	-0.01375
4.67234	78.0549	86.6698	643.161	683.184	-0.004076	-0.005313	28.5795	-0.012188
4.67334	78.0549	86.533	642.818	683.321	-0.004076	-0.008438	28.2834	-0.013438
4.67434	78.0549	86.533	642.932	683.047	-0.004076	-0.003438	28.5302	-0.01375
4.67534	78.0549	86.8066	643.617	683.321	-0.004076	-0.006563	28.3821	-0.012813
4.67634	78.3283	86.9434	643.846	683.867	-0.004076	-0.006875	28.3821	-0.011875
4.67734	78.4649	86.8066	643.161	683.184	0.044837	-0.005625	28.7275	-0.010938
4.67834	78.0549	86.3962	643.161	683.321	-0.004076	-0.006563	28.6289	-0.011875
4.67934	78.0549	86.533	643.161	684.413	-0.004076	-0.007188	28.3328	-0.012813
4.68034	78.0549	86.8066	643.161	683.73	-0.008152	-0.006313	28.3821	-0.011563
4.68134	77.9183	86.6698	644.76	682.638	-0.004076	-0.006875	28.3821	-0.011563
4.68234	78.0549	86.8066	643.161	682.774	-0.008152	-0.006563	28.4808	-0.011563
4.68334	78.0549	86.8066	643.161	682.774	-0.004076	-0.00625	28.7769	-0.011875
4.68434	78.0549	86.8066	643.96	683.867	0.024456	-0.00625	28.4808	-0.011875
4.68534	78.3283	86.2593	643.161	683.867	-0.004076	-0.00375	28.5302	-0.011563
4.68634	78.3283	86.8066	643.046	682.774	-0.004076	-0.006563	28.3821	-0.011563
4.68734	78.3283	86.6698	643.161	683.594	0.026532	-0.007188	28.4808	-0.012813
4.68834	78.4649	86.9434	643.046	683.73	-0.004076	-0.006875	28.4315	-0.011875
4.68934	78.0549	87.0803	643.96	683.867	-0.004076	-0.005938	28.4808	-0.013125
4.69034	78.3283	86.6698	643.846	683.867	-0.004076	-0.007188	28.5795	-0.012813
4.69134	78.3283	87.2171	644.074	683.047	-0.012228	-0.007188	28.4808	-0.011563
4.69234	77.5083	86.3962	643.732	683.321	-0.004076	-0.006563	28.5795	-0.009063
4.69334	78.3283	85.7121	642.818	682.774	-0.004076	-0.006563	28.5302	-0.013438
4.69434	78.0549	86.8066	643.161	683.321	0.024456	-0.007813	28.7275	-0.011563
4.69534	78.0549	86.8066	643.617	683.321	-0.004076	-0.005625	28.7275	-0.013438
4.69634	78.6016	86.8066	643.617	682.774	-0.004076	-0.00625	28.5795	-0.012188
4.69734	78.6016	87.0803	643.161	683.867	-0.004076	-0.005313	28.7275	-0.011875
4.69834	77.5083	86.2593	642.818	683.184	-0.004076	-0.0076	28.7275	-0.013125
4.69934	78.0549	86.8066	643.161	683.594	-0.004076	-0.006563	28.6782	-0.010938
4.70034	78.0549	86.533	643.161	683.73	-0.028532	-0.005938	28.7769	-0.01125
4.70134	78.0549	86.8066	644.074	683.594	-0.004076	-0.006563	28.5795	-0.010938
4.70234	78.875	86.533	643.161	682.774	-0.024456	-0.006875	28.8756	-0.012813
4.70334	78.3283	86.533	644.76	683.867	-0.004076	-0.006563	28.8756	-0.009376

4.70434	77.9183	86.8066	643.846	682.774	-0.016304	-0.006563	28.8756	-0.012813
4.70534	78.0549	86.8066	643.161	683.457	-0.004076	-0.006875	29.0236	-0.012188
4.70634	77.235	86.533	643.617	683.047	0.02038	-0.006563	28.7769	-0.012813
4.70734	78.0549	86.8066	643.161	683.184	-0.004076	-0.006563	28.5302	-0.012813
4.70834	77.7816	87.0803	643.161	682.774	-0.004076	-0.004375	28.8262	-0.012813
4.70934	78.3283	87.0803	643.046	683.321	-0.004076	-0.004688	28.7769	-0.010938
4.71034	78.0549	86.8066	642.932	682.911	-0.004076	-0.005625	28.7769	-0.013125
4.71134	78.3283	87.0803	643.161	682.774	-0.008152	-0.006625	28.7769	-0.012188
4.71234	78.0549	86.533	643.846	684.14	-0.004076	-0.006875	28.7769	-0.012813
4.71334	78.3283	86.8066	643.96	682.638	-0.004076	-0.006563	28.7769	-0.012188
4.71434	78.0549	86.8066	643.846	683.184	-0.004076	-0.005313	28.6289	-0.010313
4.71534	78.0549	86.6698	643.617	683.457	-0.004076	-0.006563	28.8756	-0.012188
4.71634	78.6016	86.533	642.932	683.321	-0.004076	-0.007813	28.7769	-0.01125
4.71734	78.3283	86.533	643.846	684.277	-0.004076	-0.005313	28.9743	-0.011875
4.71834	77.5083	86.6698	643.161	683.594	0.02038	-0.005625	29.073	-0.011563
4.71934	78.875	87.0803	642.818	683.047	-0.008152	-0.006563	28.9743	-0.011563
4.72034	78.3283	87.0803	643.161	683.184	-0.004076	-0.006563	28.8756	-0.012813
4.72134	78.3283	86.8066	643.617	683.321	0.048913	-0.006563	28.8756	-0.013125
4.72234	78.0549	86.6698	642.932	684.55	-0.016304	-0.006563	28.7769	-0.014063
4.72334	78.0549	86.6698	643.046	683.867	-0.028532	-0.0075	29.0236	-0.011563
4.72434	78.875	85.9857	643.161	682.774	-0.008152	-0.006563	28.8756	-0.013438
4.72534	78.0549	86.6698	644.303	683.73	-0.004076	-0.006563	28.8756	-0.009063
4.72634	78.0549	86.8066	642.932	682.774	-0.004076	-0.0075	28.7275	-0.013438
4.72734	78.0549	86.533	643.846	683.594	-0.004076	-0.007188	29.369	-0.011875
4.72834	77.5083	86.6698	643.161	683.321	-0.004076	-0.006563	29.2703	-0.010313
4.72934	78.0549	86.8066	642.932	683.184	-0.004076	-0.006563	28.9743	-0.011875
4.73034	78.0549	86.8066	642.704	683.321	-0.004076	-0.005313	29.073	-0.013438
4.73134	78.7383	86.1225	643.161	683.594	-0.004076	-0.007188	28.7769	-0.013125
4.73234	77.9183	86.8066	643.846	683.73	-0.004076	-0.005313	28.9743	-0.012813
4.73334	78.0549	86.8066	643.046	683.321	-0.004076	-0.006563	28.9249	-0.010938
4.73434	78.6016	86.1225	643.161	684.823	-0.004076	-0.006563	28.9249	-0.010938
4.73534	78.0549	86.8066	643.161	683.867	-0.004076	-0.006875	29.073	-0.01125
4.73634	78.6016	86.6698	643.617	683.321	-0.004076	-0.005938	29.1716	-0.014063
4.73734	78.4649	85.8489	643.846	683.457	-0.004076	-0.007188	29.073	-0.011563
4.73834	78.6016	86.8066	643.161	683.184	-0.004076	-0.007188	29.5664	-0.010313
4.73934	78.0549	86.8066	643.846	683.73	-0.004076	-0.0075	29.1716	-0.011563
4.74034	78.0549	86.6698	643.161	683.594	-0.004076	-0.007813	28.9743	-0.012813
4.74134	78.0549	86.533	643.161	683.867	0.028532	-0.005938	29.1716	-0.0125
4.74234	78.3283	86.2593	643.161	683.321	-0.004076	-0.0075	29.073	-0.010625
4.74334	78.6016	86.2593	643.161	683.321	0.028532	-0.005938	29.3197	-0.011563
4.74434	78.0549	86.6698	643.046	683.321	-0.004076	-0.007813	29.1716	-0.011563
4.74534	78.0549	86.8066	643.161	683.594	-0.012228	-0.005938	29.2703	-0.012188
4.74634	78.0549	86.8066	643.161	683.457	-0.004076	-0.005938	29.073	-0.013125
4.74734	78.0549	86.533	643.161	683.047	-0.004076	-0.007813	29.221	-0.011563
4.74834	78.0549	86.6698	643.617	683.594	-0.004076	-0.006563	29.0236	-0.010938
4.74934	78.0549	86.6698	642.932	683.321	-0.004076	-0.005313	28.8756	-0.013438
4.75034	78.1916	86.533	643.161	683.321	-0.004076	-0.005313	29.4677	-0.010938
4.75134	78.0549	86.8066	642.932	683.184	-0.004076	-0.005313	28.073	-0.011563
4.75234	78.3283	86.8066	642.704	683.047	-0.004076	-0.004376	29.221	-0.011563

4.75334	77.7816	86.533	643.161	683.867	-0.004076	-0.008125	29.1716	-0.012813
4.75434	78.3283	86.8066	643.161	683.321	-0.004076	-0.005313	29.2703	-0.013438
4.75534	78.6016	86.2593	642.818	683.73	-0.008152	-0.0075	29.1716	-0.012813
4.75634	78.875	86.533	642.704	684.277	-0.004076	-0.005313	29.5171	-0.014375
4.75734	77.9183	86.8066	642.932	683.594	0.032609	-0.006563	29.2703	-0.011875
4.75834	78.0549	86.8066	643.161	683.047	-0.004076	-0.007813	28.9743	-0.012813
4.75934	78.875	86.3962	643.617	683.321	-0.012228	-0.008125	28.9249	-0.013125
4.76034	78.0549	87.0803	642.704	683.047	-0.004076	-0.006563	29.1716	-0.013438
4.76134	78.3283	86.6698	642.704	683.594	-0.004076	-0.007188	29.2703	-0.012813
4.76234	78.0549	86.8066	643.161	683.457	0.016304	-0.005313	29.1716	-0.011875
4.76334	77.7816	86.8066	643.161	683.594	0.028532	-0.004375	29.1716	-0.012188
4.76434	78.0549	86.8066	643.846	683.867	-0.004076	-0.006875	29.1716	-0.011563
4.76534	78.1916	87.3539	643.161	683.867	0.052989	-0.005938	29.4677	-0.013438
4.76634	78.4649	86.8066	643.161	683.867	-0.008152	-0.009063	29.3197	-0.011563
4.76734	78.4649	86.9434	643.161	685.233	-0.004076	-0.006563	29.1716	-0.011875
4.76834	78.0549	86.8066	644.074	683.321	-0.02038	-0.007188	28.9743	-0.011875
4.76934	78.0549	86.533	643.161	683.457	-0.004076	-0.005938	28.9743	-0.010625
4.77034	78.0549	86.533	643.046	683.594	-0.012228	-0.007813	29.1716	-0.011875
4.77134	78.0549	86.8066	642.932	683.594	-0.02038	-0.006875	29.221	-0.012813
4.77234	78.3283	86.6698	643.161	683.867	-0.004076	-0.007813	29.4184	-0.012188
4.77334	78.0549	86.533	643.161	683.184	-0.004076	-0.007813	29.1223	-0.012188
4.77434	77.5083	86.8066	643.732	683.73	-0.004076	-0.005313	29.2703	-0.010938
4.77534	78.0549	87.2171	643.846	684.413	0.02038	-0.005938	29.4184	-0.011875
4.77634	77.9183	86.8066	643.046	683.321	0.044837	-0.007188	29.2703	-0.012188
4.77734	78.0549	86.8066	643.161	683.594	-0.008152	-0.006875	29.1716	-0.011563
4.77834	78.0549	86.3962	643.161	684.14	-0.012228	-0.007188	29.1716	-0.012813
4.77934	78.0549	86.6698	643.161	683.184	-0.004076	-0.008125	29.073	-0.012188
4.78034	78.0549	86.8066	643.846	682.638	-0.012228	-0.008438	29.3197	-0.013438
4.78134	78.0549	86.8066	643.161	681.682	-0.032609	-0.009063	28.8756	-0.013125
4.78234	78.3283	86.8066	643.046	683.73	-0.004076	-0.00625	29.1716	-0.012188
4.78334	78.0549	86.8066	643.617	683.867	-0.004076	-0.007813	29.4677	-0.011563
4.78434	78.4649	86.3962	643.161	683.867	-0.004076	-0.005313	29.221	-0.012188
4.78534	78.0549	86.8066	642.932	683.867	0.028532	-0.004063	29.2703	-0.011875
4.78634	78.0549	86.8066	643.161	683.73	-0.004076	-0.007188	29.1716	-0.012188
4.78734	78.0549	86.8066	643.96	683.457	-0.004076	-0.006875	29.221	-0.012813
4.78834	77.235	86.533	643.161	684.003	0.024456	-0.005938	29.1223	-0.012813
4.78934	78.6016	86.3962	643.161	683.867	-0.004076	-0.005313	29.073	-0.012188
4.79034	78.3283	86.6698	643.617	683.321	-0.004076	-0.006563	29.2703	-0.012188
4.79134	78.0549	86.8066	642.704	683.457	-0.004076	-0.009063	29.073	-0.01125
4.79235	78.1916	86.6698	643.161	683.457	-0.02038	-0.008438	28.7769	-0.013438
4.79335	78.1916	86.533	643.161	683.184	-0.004076	-0.005313	29.1716	-0.013125
4.79435	78.3283	86.533	643.161	683.867	-0.004076	-0.005625	29.3197	-0.012188
4.79535	78.6016	87.3539	642.932	683.184	-0.004076	-0.006563	28.9743	-0.012813
4.79635	78.0549	86.8066	643.161	684.003	-0.004076	-0.005938	29.2703	-0.011563
4.79735	78.0549	86.8066	643.161	683.321	-0.004076	-0.006563	28.7769	-0.012188
4.79835	78.0549	86.6698	643.046	683.321	0.048913	-0.005938	28.7769	-0.012813
4.79935	78.0549	86.533	643.617	683.321	-0.004076	-0.007188	28.9743	-0.011563
4.80035	77.7816	86.8066	643.617	684.55	-0.004076	-0.006563	29.1716	-0.011563
4.80135	77.7816	86.8066	644.074	683.867	-0.004076	-0.0075	28.9743	-0.01125

4.80235	78.0549	86.8066	643.846	683.594	-0.012228	-0.006875	29.221	-0.011563
4.80335	78.3283	86.8066	642.247	681.408	-0.052969	-0.010313	28.6782	-0.016875
4.80435	78.0549	86.8066	643.161	683.047	-0.008152	-0.007188	28.8756	-0.014375
4.80535	78.0549	86.8066	643.603	682.638	-0.008152	-0.009063	29.5684	-0.011563
4.80635	78.0549	86.8066	642.932	684.003	-0.004076	-0.005938	28.9249	-0.012813
4.80735	78.0549	86.8066	643.96	684.14	-0.004076	-0.004063	29.3197	-0.01125
4.80835	78.0549	87.0803	643.161	684.14	-0.004076	-0.006563	29.0236	-0.011563
4.80935	78.0549	87.3539	642.704	683.867	-0.004076	-0.006563	29.221	-0.010938
4.81035	77.5083	86.6698	643.161	683.321	-0.004076	-0.007188	28.8756	-0.012813
4.81135	77.7816	86.533	643.046	684.14	-0.004076	-0.008438	28.9249	-0.013438
4.81235	78.3283	86.8066	643.161	683.867	-0.004076	-0.008125	28.9743	-0.012188
4.81335	78.0549	86.8066	643.732	682.774	-0.004076	-0.006563	28.9743	-0.012813
4.81435	77.5083	86.533	643.161	682.501	-0.036685	-0.010313	28.4808	-0.014063
4.81535	78.0549	86.533	643.161	683.867	-0.004076	-0.004063	28.9743	-0.012188
4.81635	78.0549	86.9434	643.161	683.73	-0.004076	-0.007188	29.2703	-0.011563
4.81735	77.3716	86.8066	643.161	684.413	0.024456	-0.006563	28.8756	-0.012188
4.81835	78.0549	86.8066	643.161	684.413	0.028532	-0.005938	29.0236	-0.011563
4.81935	78.0549	86.9434	642.932	684.14	0.024456	-0.006875	28.9743	-0.010938
4.82035	78.0549	86.6698	644.074	684.277	0.044837	-0.005938	28.9249	-0.01375
4.82135	77.6449	86.8066	643.161	683.867	-0.012228	-0.007188	28.7769	-0.012188
4.82235	77.7816	86.8066	643.161	683.867	-0.004076	-0.005938	29.073	-0.011875
4.82335	77.7816	86.8066	643.846	684.823	-0.004076	-0.007188	28.7275	-0.012813
4.82435	78.4649	86.6698	643.161	683.594	-0.004076	-0.006625	28.9249	-0.011875
4.82535	78.0549	86.8066	642.247	682.228	-0.044837	-0.010313	28.4808	-0.014375
4.82635	77.235	86.8066	643.046	683.594	-0.004076	-0.005938	28.6782	-0.015313
4.82735	77.9183	87.0803	643.96	683.321	-0.004076	-0.005938	29.369	-0.012813
4.82835	78.0549	86.8066	643.161	684.413	-0.004076	-0.005313	29.0236	-0.014063
4.82935	78.0549	86.6698	643.161	683.321	-0.004076	-0.003438	28.9743	-0.014688
4.83035	78.0549	86.6698	643.161	684.14	0.02038	-0.006563	29.0236	-0.010313
4.83135	77.3716	86.6698	643.161	683.867	-0.004076	-0.007813	28.7275	-0.012813
4.83235	78.0549	86.8066	643.161	683.594	-0.004076	-0.006563	28.5795	-0.012813
4.83335	78.3283	86.6698	643.161	683.594	-0.008152	-0.007188	28.5795	-0.012813
4.83435	78.0549	86.6698	643.617	683.457	-0.004076	-0.006563	28.9249	-0.010938
4.83535	78.0549	86.8066	643.617	683.73	-0.004076	-0.006563	28.7769	-0.011563
4.83635	78.6016	86.6698	643.161	682.774	-0.048913	-0.010938	28.3821	-0.014688
4.83735	78.6016	86.2593	643.161	683.867	-0.008152	-0.007188	28.7769	-0.015
4.83835	78.0549	87.3539	642.704	683.594	-0.004076	-0.005938	29.1716	-0.012188
4.83935	78.0549	86.8066	643.161	683.867	-0.004076	-0.005313	28.6289	-0.013438
4.84035	77.5083	86.2593	643.161	683.594	-0.004076	-0.003125	28.3821	-0.011563
4.84135	78.0549	86.8066	643.732	683.867	0.02038	-0.007813	28.6782	-0.012188
4.84235	78.3283	86.6698	643.161	684.413	0.073369	-0.005938	28.5302	-0.011563
4.84335	78.6016	85.9857	643.161	683.867	-0.004076	-0.008125	28.6289	-0.011875
4.84435	78.0549	86.8066	643.96	684.413	0.038685	-0.005625	28.7275	-0.012813
4.84535	78.0549	86.3962	643.161	684.686	0.02038	-0.006438	28.5795	-0.013125
4.84635	78.0549	86.533	643.617	683.594	-0.004076	-0.006875	28.6289	-0.012813
4.84735	78.0549	86.533	643.161	683.73	-0.036685	-0.009063	28.1847	-0.012813
4.84835	78.0549	86.533	643.161	683.047	-0.004076	-0.006563	28.4808	-0.012813
4.84935	78.0549	86.8066	643.161	683.867	-0.004076	-0.005625	28.6782	-0.011563
4.85035	78.0549	86.8066	643.161	683.867	-0.004076	-0.005313	28.2834	-0.011563