

Test Name	BRK, PIR, rep 2
Cladding	Brick
Cladding Thickness [mm]	102
Insulation	Polyisocyanurate (PIR) foam
Insulation Thickness [mm]	100
Cavity Width [mm]	50
Repetition Number	2
Mass Flow Rate (Propane)	0.2
Description	This experiment is on a system consisting of a Brick cladding and a Polyisocyanurate (PIR) foam insulation panel, separated with a cavity of 50 mm width. It is the second repetition of this system configuration.
Experiment Notes	There were no noticeable observations for this test.
Peak HRR [kW]	3.14
Time to Peak HRR [mins]	0.57
Residual HRR [kW]	1.33
Total HR [MJ]	0.0277
Peak dQ/dt [kW/s]	0.103
Time to Peak dQ/dt [s]	1.02

Test Time [s]	Heat Release Rate HRR [kW]	HRR Smoothed [kW]	Mass Rainscreen [kg]	Mass Insulation [kg]	Mass Drip Tray [kg]	Mass Total [kg]	MLR Rainscreen Smoothed 100pt [g/s]	MLR Insulation Smoothed 100pt [g/s]	MLR Drip Tray Smoothed 100pt [g/s]	MLR Total Smoothed 100pt [g/s]
0	0.264	0.264	1	1.8619	0.0013	2.8632	0	0.2759	-0.0389	0.237
1	0.241	0.259	1	1.8611	0.0012	2.8623	0	0.2728	-0.0204	0.2524
2	0.271	0.37	1	1.8598	0.0019	2.8617	0	0.2633	0.0084	0.2717
3	0.493	0.533	1	1.8591	0.0038	2.863	0	0.256	0.0166	0.2725
4	0.583	0.844	1	1.858	0.0025	2.8605	0	0.249	-0.0152	0.2338
5	0.763	1.4	1	1.8569	0.0023	2.8592	0	0.2418	-0.037	0.2047
6	1.12	2.09	1	1.8565	0.0028	2.8593	0	0.234	-0.0416	0.1925
7	1.64	2.85	1	1.8561	0.0032	2.8593	0	0.2292	-0.038	0.1912
8	2.22	3.61	1	1.8553	0.0032	2.8585	0	0.2235	-0.0336	0.1898
9	3.07	4.33	1	1.8545	0.0031	2.8576	0	0.2143	-0.0389	0.1754
10	4.68	4.89	1	1.8539	0.0033	2.8573	0	0.2067	-0.0445	0.1622
11	5.22	5.45	1	1.8537	0.0036	2.8573	0	0.2025	-0.0445	0.1579
12	6.59	6.02	1	1.8526	0.0037	2.8563	0	0.2065	-0.0415	0.1651
13	7.26	6.58	1	1.852	0.0036	2.8556	0	0.2036	-0.0376	0.166
14	8.35	7.14	1	1.8513	0.0038	2.8551	0	0.2041	-0.0358	0.1684
15	8.95	7.7	1	1.851	0.0039	2.8549	0	0.2096	-0.0377	0.1719
16	9.64	8.25	1	1.8507	0.0039	2.8546	0	0.2086	-0.0396	0.169
17	10.5	8.8	1	1.8506	0.0038	2.8544	0	0.2099	-0.0395	0.1704
18	10.5	9.31	1	1.8502	0.0038	2.854	0	0.2071	-0.0402	0.1669
19	10.8	9.77	1	1.8502	0.0038	2.854	0	0.1969	-0.037	0.1599
20	10.9	10.2	1	1.8495	0.0038	2.8533	0	0.1965	-0.0364	0.1601
21	11.1	10.5	1	1.8495	0.0038	2.8533	0	0.1911	-0.0354	0.1556
22	11.3	10.8	1	1.849	0.0038	2.8528	0	0.1895	-0.0322	0.1573
23	11.2	11	1	1.849	0.0038	2.8528	0	0.1905	-0.0303	0.1602
24	11.3	11.2	1	1.8493	0.0037	2.853	0	0.1868	-0.0284	0.1584
25	11.7	11.3	1	1.8491	0.0037	2.8528	0	0.1845	-0.0273	0.1572
26	12.1	11.4	1	1.8487	0.0036	2.8524	0	0.1838	-0.0269	0.1568
27	11.9	11.4	1	1.8487	0.0036	2.8523	0	0.1824	-0.0266	0.1558
28	11.8	11.5	1	1.8484	0.0036	2.852	0	0.185	-0.0239	0.1611

29	12.1	11.5	1	1.8485	0.0035	2.852	0	0.1844	-0.0234	0.161
30	11.8	11.6	1	1.8491	0.0036	2.8527	0	0.1808	-0.0241	0.1568
31	12	11.6	1	1.8491	0.0036	2.8527	0	0.1781	-0.0208	0.1573
32	11.5	11.6	1	1.8498	0.0036	2.8534	0	0.1747	-0.0169	0.1579
33	11.2	11.6	1	1.8501	0.0036	2.8537	0	0.1753	-0.0155	0.1598
34	11.3	11.7	1	1.8499	0.0035	2.8534	0	0.1746	-0.0173	0.1573
35	11.4	11.6	1	1.8498	0.0035	2.8533	0	0.1718	-0.0189	0.1529
36	11.6	11.6	1	1.85	0.0035	2.8535	0	0.1677	-0.0192	0.1485
37	11.1	11.5	1	1.8495	0.0035	2.853	0	0.1642	-0.018	0.1462
38	11.9	11.5	1	1.8492	0.0034	2.8526	0	0.1643	-0.0165	0.1478
39	11.5	11.4	1	1.8493	0.0034	2.8527	0	0.1627	-0.0151	0.1476
40	11.9	11.4	1	1.8495	0.0034	2.8529	0	0.1641	-0.0137	0.1504
41	10.8	11.4	1	1.8495	0.0034	2.8529	0	0.1617	-0.0126	0.1491
42	11.9	11.4	1	1.8493	0.0034	2.8527	0	0.1572	-0.0132	0.144
43	11.9	11.4	1	1.8488	0.0034	2.8522	0	0.1553	-0.0145	0.1408
44	11.1	11.4	1	1.8488	0.0035	2.8522	0	0.1572	-0.0143	0.1429
45	11.1	11.4	1	1.8493	0.0035	2.8528	0	0.1558	-0.0135	0.1423
46	11.3	11.4	1	1.8494	0.0037	2.853	0	0.1554	-0.0122	0.1432
47	10.9	11.4	1	1.8493	0.0037	2.853	0	0.1552	-0.0118	0.1434
48	11.2	11.4	1	1.8494	0.0037	2.853	0	0.1548	-0.0117	0.143
49	11.8	11.4	1	1.8494	0.0032	2.8526	0	0.1621	-0.0116	0.1505
50	11.4	11.3	1	1.8493	0.0023	2.8516	0	0.1591	-0.0115	0.1476
51	11.2	11.3	1	1.8495	0.0008	2.8503	0	0.1489	-0.011	0.1379
52	11.3	11.2	1	1.8497	0.0004	2.85	0	0.1432	-0.0123	0.1309
53	11.7	11.2	1	1.8498	0.0021	2.8518	0	0.1303	-0.0071	0.1232
54	11.6	11.2	1	1.8499	0.0033	2.8532	0	0.1252	0.0114	0.1366
55	11.6	11.2	1	1.8501	0.0036	2.8537	0	0.116	-0.0012	0.1148
56	11.2	11.2	1	1.8502	0.0034	2.8536	0	0.1072	-0.003	0.1042
57	11.1	11.1	1	1.8503	0.0032	2.8535	0	0.1007	0.0022	0.1029
58	11.1	11.1	1	1.8506	0.0035	2.8541	0	0.0979	0.0057	0.1036
59	11.3	11.1	1	1.8508	0.0039	2.8547	0	0.0905	0.0059	0.0963
60	10.2	11	1	1.8509	0.004	2.8548	0	0.0853	0.0041	0.0894
61	10.3	11.1	1	1.8504	0.0038	2.8542	0	0.0787	0.0061	0.0847
62	10.9	11.1	1	1.8504	0.0036	2.854	0	0.0771	0.0091	0.0862
63	11.1	11	1	1.8502	0.0035	2.8537	0	0.065	0.0103	0.0754
64	10.8	11	1	1.8496	0.0037	2.8533	0	0.059	0.0103	0.0694
65	11.1	11	1	1.8495	0.0039	2.8533	0	0.0537	0.0141	0.0678

66	10.6	10.9	1	1.8492	0.0039	2.8531	0	0.0517	0.016	0.0677
67	10.5	10.9	1	1.8491	0.004	2.8531	0	0.0531	0.0113	0.0644
68	10.9	10.9	1	1.8496	0.0038	2.8534	0	0.0516	0.0103	0.0619
69	11.4	10.9	1	1.8495	0.0038	2.8533	0	0.045	0.011	0.056
70	11.3	10.9	1	1.8497	0.0038	2.8534	0	0.047	0.011	0.058
71	11.7	11	1	1.8496	0.0036	2.8531	0	0.0378	0.0107	0.0485
72	11.1	11	1	1.8493	0.0035	2.8528	0	0.0424	0.01	0.0524
73	11	10.9	1	1.8494	0.0034	2.8527	0	0.0372	0.0105	0.0477
74	10.8	11	1	1.8494	0.0033	2.8527	0	0.0362	0.011	0.0472
75	10.8	11	1	1.8493	0.0033	2.8526	0	0.0365	0.0098	0.0463
76	10.9	11	1	1.8492	0.0033	2.8525	0	0.0313	0.0098	0.0411
77	11.2	11	1	1.8488	0.0031	2.8519	0	0.0242	0.012	0.0362
78	10.8	10.9	1	1.8487	0.0031	2.8518	0	0.0237	0.011	0.0347
79	10.9	10.9	1	1.8488	0.0032	2.8519	0	0.0163	0.011	0.0273
80	11	10.9	1	1.8488	0.0029	2.8517	0	0.0172	0.01	0.0272
81	10.7	10.8	1	1.8489	0.0026	2.8515	0	0.0235	0.011	0.0345
82	10.7	10.8	1	1.8487	0.0025	2.8512	0	0.0204	0.0106	0.031
83	11.2	10.8	1	1.8486	0.0027	2.8513	0	0.0227	0.01	0.0327
84	10.8	10.7	1	1.8486	0.0029	2.8515	0	0.0274	0.0102	0.0376
85	10.9	10.7	1	1.8488	0.0029	2.8517	0	0.0268	0.0107	0.0376
86	10.3	10.6	1	1.8489	0.0028	2.8517	0	0.0242	0.0093	0.0335
87	10.7	10.6	1	1.8488	0.0027	2.8515	0	0.0297	0.0062	0.0359
88	10.6	10.6	1	1.8487	0.0026	2.8513	0	0.0239	0.006	0.0299
89	11.4	10.5	1	1.8485	0.0025	2.8509	0	0.0184	0.0051	0.0235
90	10.4	10.5	1	1.8485	0.0024	2.8509	0	0.0209	0.0048	0.0256
91	10.2	10.5	1	1.8488	0.0025	2.8512	0	0.0233	0.004	0.0273
92	10.2	10.5	1	1.8488	0.0026	2.8514	0	0.0237	0.0036	0.0273
93	10.1	10.5	1	1.8484	0.0026	2.851	0	0.0222	0.003	0.0252
94	10.2	10.5	1	1.8484	0.0025	2.851	0	0.0192	0.003	0.0222
95	9.92	10.5	1	1.8483	0.0024	2.8507	0	0.0177	0.0043	0.022
96	10.3	10.5	1	1.8482	0.0024	2.8506	0	0.0272	0.0058	0.0331
97	10.1	10.5	1	1.8481	0.0024	2.8505	0	0.0301	0.0076	0.0378
98	10.5	10.5	1	1.8472	0.0024	2.8496	0	0.0311	0.007	0.0382
99	10.6	10.4	1	1.8473	0.0024	2.8497	0	0.0329	0.008	0.0409
100	10.7	10.4	1	1.8471	0.0024	2.8495	0	0.0336	0.0042	0.0378
101	11	10.4	1	1.8468	0.0024	2.8492	0	0.0368	-0.0041	0.0327
102	10.5	10.4	1	1.8468	0.0026	2.8494	0	0.043	-0.0188	0.0242

103	10.9	10.4	1	1.8466	0.0027	2.8493	0	0.0497	-0.0238	0.0259
104	10.7	10.4	1	1.8464	0.0026	2.849	0	0.0567	-0.0073	0.0494
105	10.5	10.4	1	1.8462	0.0026	2.8488	0	0.0641	0.0049	0.069
106	10.5	10.4	1	1.8464	0.0026	2.849	0	0.0684	0.0086	0.0771
107	10.4	10.5	1	1.8463	0.0026	2.8489	0	0.069	0.01	0.079
108	10.1	10.5	1	1.8463	0.0026	2.8489	0	0.0702	0.0081	0.0783
109	10.1	10.4	1	1.846	0.0027	2.8487	0	0.0775	0.0137	0.0912
110	10.1	10.4	1	1.8461	0.0027	2.8488	0	0.0812	0.0197	0.1009
111	10.3	10.3	1	1.846	0.0027	2.8487	0	0.0812	0.021	0.1022
112	10.6	10.2	1	1.8461	0.0026	2.8487	0	0.0786	0.0182	0.0968
113	10.2	10.2	1	1.8461	0.0026	2.8487	0	0.0778	0.0162	0.094
114	10.2	10.1	1	1.846	0.0024	2.8484	0	0.0783	0.0154	0.0937
115	10.2	10.1	1	1.8458	0.0023	2.8481	0	0.0759	0.0148	0.0907
116	10.9	10.1	1	1.8454	0.0028	2.8481	0	0.0733	0.0131	0.0864
117	10.1	10.1	1	1.8455	0.0028	2.8483	0	0.0719	0.0121	0.084
118	9.94	10	1	1.8457	0.0027	2.8484	0	0.0711	0.0128	0.0838
119	9.91	10	1	1.8455	0.0027	2.8482	0	0.0797	0.0099	0.0896
120	9.35	10	1	1.8457	0.0027	2.8484	0	0.0761	0.009	0.0851
121	9.61	10	1	1.8453	0.0028	2.8481	0	0.0728	0.0091	0.0819
122	9.76	10	1	1.8453	0.0027	2.848	0	0.0659	0.0077	0.0737
123	9.92	10	1	1.8454	0.0027	2.8481	0	0.0601	0.0066	0.0667
124	10.1	9.99	1	1.8456	0.0028	2.8484	0	0.0604	0.0055	0.0659
125	9.91	9.98	1	1.846	0.0027	2.8487	0	0.0618	0.0058	0.0676
126	10.1	9.94	1	1.8463	0.0024	2.8487	0	0.0678	0.0068	0.0746
127	9.38	9.96	1	1.8464	0.0025	2.8489	0	0.0663	0.007	0.0733
128	10.1	10	1	1.8468	0.0025	2.8493	0	0.0674	0.0062	0.0736
129	9.96	10	1	1.8468	0.0025	2.8493	0	0.0666	0.0061	0.0727
130	10.3	10.1	1	1.8468	0.0025	2.8493	0	0.0657	0.0082	0.074
131	10.1	10.1	1	1.8471	0.0025	2.8496	0	0.0698	0.0074	0.0771
132	10.1	10.1	1	1.8475	0.0026	2.8501	0	0.0751	0.0044	0.0795
133	9.96	10.1	1	1.8474	0.0025	2.8499	0	0.0757	0.0045	0.0802
134	9.98	10.2	1	1.8473	0.0024	2.8497	0	0.0769	0.0076	0.0845
135	10.2	10.2	1	1.8474	0.0026	2.85	0	0.0856	0.011	0.0967
136	10.5	10.2	1	1.847	0.0029	2.8499	0	0.0937	0.0128	0.1065
137	10.9	10.2	1	1.8471	0.0029	2.85	0	0.0958	0.0076	0.1035
138	10.1	10.2	1	1.8473	0.0029	2.8502	0	0.0931	0.01	0.1031
139	10.1	10.2	1	1.8472	0.0029	2.8501	0	0.0929	0.009	0.1019

140	10.3	10.2	1	1.8472	0.003	2.8502	0	0.0904	0.0075	0.0979
141	10.6	10.2	1	1.8472	0.003	2.8502	0	0.0928	0.0047	0.0975
142	9.83	10.2	1	1.847	0.0031	2.8501	0	0.0982	0.0043	0.1025
143	10.4	10.2	1	1.8469	0.0031	2.85	0	0.1018	0.0041	0.1058
144	10.5	10.2	1	1.847	0.003	2.85	0	0.0962	0.003	0.0992
145	9.96	10.1	1	1.8465	0.0029	2.8495	0	0.0966	0.001	0.0977
146	9.99	10.1	1	1.8464	0.0029	2.8493	0	0.0942	-0.0008	0.0934
147	9.9	10	1	1.8461	0.003	2.8491	0	0.0896	-0.001	0.0886
148	9.84	10	1	1.8461	0.0029	2.849	0	0.088	-0.0019	0.0861
149	10	10	1	1.8461	0.0028	2.8488	0	0.0804	-0.001	0.0794
150	10.1	9.96	1	1.8456	0.0027	2.8483	0	0.0852	-0.001	0.0842
151	10.3	9.9	1	1.8452	0.0027	2.8479	0	0.0873	-0.001	0.0863
152	9.65	9.88	1	1.8447	0.0028	2.8474	0	0.0849	-0.0009	0.084
153	9.67	9.84	1	1.8441	0.0028	2.8469	0	0.0844	0.0005	0.0849
154	9.96	9.8	1	1.8435	0.0028	2.8463	0	0.0845	0.0015	0.086
155	9.73	9.79	1	1.8433	0.0027	2.846	0	0.0827	0.0003	0.0829
156	9.64	9.78	1	1.8433	0.0024	2.8457	0	0.0796	0	0.0796
157	10.2	9.73	1	1.8432	0.0024	2.8456	0	0.0788	0	0.0788
158	9.51	9.74	1	1.8428	0.0022	2.845	0	0.0805	0	0.0805
159	9.38	9.78	1	1.8427	0.002	2.8447	0	0.0765	0.0001	0.0766
160	9.44	9.79	1	1.8427	0.0019	2.8446	0	0.0771	0.001	0.0781
161	9.49	9.8	1	1.8426	0.002	2.8446	0	0.0733	0.001	0.0743
162	9.67	9.82	1	1.8426	0.002	2.8446	0	0.0719	0.001	0.0729
163	9.73	9.82	1	1.8423	0.002	2.8443	0	0.0719	0.0005	0.0724
164	9.88	9.81	1	1.842	0.0022	2.8442	0	0.0714	0	0.0714
165	9.64	9.82	1	1.8421	0.0026	2.8447	0	0.0657	-0.0022	0.0635
166	9.12	9.82	1	1.842	0.0027	2.8447	0	0.0627	-0.003	0.0597
167	10	9.78	1	1.842	0.0027	2.8447	0	0.0577	0.0017	0.0594
168	10.7	9.8	1	1.8417	0.0028	2.8445	0	0.0564	0.0019	0.0584
169	10.2	9.84	1	1.8419	0.0029	2.8448	0	0.0547	0.001	0.0557
170	10.5	9.86	1	1.8424	0.0029	2.8452	0	0.0471	0.001	0.0481
171	10.1	9.84	1	1.843	0.0028	2.8458	0	0.0501	0.0013	0.0515
172	9.64	9.83	1	1.8433	0.0028	2.8461	0	0.0458	0.002	0.0478
173	9.81	9.82	1	1.8433	0.0028	2.8461	0	0.0477	0.0015	0.0492
174	9.97	9.79	1	1.8432	0.0027	2.8459	0	0.0525	0.001	0.0535
175	9.51	9.81	1	1.8425	0.0026	2.8451	0	0.0554	0.0017	0.0571
176	9.52	9.85	1	1.8425	0.0026	2.8451	0	0.0602	0.0012	0.0613

177	9.99	9.86	1	1.842	0.0025	2.8445	0	0.0633	-0.0017	0.0616
178	9.98	9.8	1	1.842	0.0025	2.8445	0	0.0655	-0.001	0.0645
179	9.98	9.81	1	1.8422	0.0024	2.8445	0	0.0701	-0.0019	0.0682
180	9.07	9.78	1	1.8418	0.0022	2.844	0	0.0738	-0.002	0.0718
181	9.37	9.78	1	1.8414	0.0022	2.8436	0	0.0736	-0.002	0.0716
182	9.65	9.8	1	1.8411	0.0021	2.8432	0	0.0781	-0.0018	0.0763
183	9.32	9.79	1	1.8409	0.0019	2.8428	0	0.0777	-0.002	0.0757
184	10	9.8	1	1.84	0.0018	2.8418	0	0.0733	-0.0026	0.0706
185	9.92	9.83	1	1.8394	0.0016	2.841	0	0.069	-0.0037	0.0653
186	10.2	9.85	1	1.8394	0.0021	2.8414	0	0.0732	-0.0023	0.0709
187	9.57	9.85	1	1.8394	0.0017	2.8412	0	0.0699	0.0008	0.0707
188	10.3	9.83	1	1.8395	0.0017	2.8412	0	0.0694	0.001	0.0704
189	10	9.77	1	1.8394	0.0017	2.8412	0	0.0699	0.001	0.0709
190	10.1	9.78	1	1.8392	0.0019	2.8412	0	0.0663	0.0012	0.0675
191	9.93	9.77	1	1.8389	0.002	2.841	0	0.0677	0.003	0.0707
192	9.62	9.76	1	1.8386	0.0022	2.8408	0	0.068	0.0034	0.0714
193	10.2	9.76	1	1.8388	0.0023	2.8411	0	0.0675	0.004	0.0715
194	10.1	9.73	1	1.8388	0.0024	2.8412	0	0.0696	0.004	0.0736
195	10	9.7	1	1.8389	0.0025	2.8414	0	0.0731	0.0037	0.0768
196	9.91	9.63	1	1.8392	0.0025	2.8417	0	0.0681	0.0032	0.0712
197	9.63	9.59	1	1.8393	0.0026	2.8418	0	0.0671	0.003	0.0701
198	8.81	9.52	1	1.8391	0.0025	2.8416	0	0.0635	0.004	0.0674
199	9.36	9.51	1	1.8388	0.0025	2.8413	0	0.0579	0.0029	0.0608
200	9.17	9.45	1	1.8383	0.0025	2.8408	0	0.059	0.0018	0.0608
201	9.31	9.42	1	1.8383	0.0025	2.8408	0	0.0554	0.001	0.0564
202	9.36	9.41	1	1.8384	0.0026	2.8409	0	0.048	0.001	0.049
203	9.41	9.37	1	1.8381	0.0026	2.8407	0	0.0436	0.0015	0.0451
204	9.36	9.32	1	1.8381	0.0026	2.8407	0	0.0362	0.002	0.0382
205	9.01	9.28	1	1.8382	0.0026	2.8408	0	0.0293	0.002	0.0313
206	8.69	9.24	1	1.8386	0.0026	2.8412	0	0.0231	0.0017	0.0248
207	9.02	9.2	1	1.8383	0.0026	2.8409	0	0.0246	-0.0008	0.0238
208	9.8	9.24	1	1.8386	0.0026	2.8412	0	0.0244	-0.0011	0.0233
209	9	9.23	1	1.8383	0.0026	2.8409	0	0.0156	-0.0041	0.0115
210	9.19	9.24	1	1.8388	0.0026	2.8414	0	0.0135	-0.0065	0.007
211	9.55	9.28	1	1.8388	0.0026	2.8414	0	0.0161	-0.0073	0.0087
212	9.3	9.3	1	1.8389	0.0026	2.8415	0	0.0164	-0.0059	0.0105
213	9.16	9.31	1	1.8389	0.0026	2.8415	0	0.0193	-0.005	0.0143

214	9.25	9.32	1	1.8394	0.0026	2.842	0	0.0151	-0.005	0.0101
215	9.12	9.34	1	1.8395	0.0026	2.8421	0	0.0121	-0.0027	0.0094
216	8.99	9.38	1	1.8396	0.0026	2.8422	0	0.0177	0.0005	0.0182
217	9.59	9.42	1	1.8398	0.0026	2.8424	0	0.0199	0.0025	0.0225
218	9.09	9.41	1	1.8402	0.0026	2.8428	0	0.0246	0.0031	0.0276
219	9.4	9.45	1	1.8408	0.0026	2.8434	0	0.0261	0.0042	0.0303
220	10	9.48	1	1.8407	0.0026	2.8433	0	0.0309	0.005	0.0359
221	9.74	9.48	1	1.8407	0.0026	2.8433	0	0.0372	0.0046	0.0418
222	9.62	9.52	1	1.8405	0.0026	2.8431	0	0.0392	0.0041	0.0433
223	9.53	9.55	1	1.8402	0.0026	2.8428	0	0.0421	0.005	0.0471
224	9.4	9.57	1	1.8401	0.0026	2.8427	0	0.0445	0.005	0.0495
225	9.38	9.59	1	1.84	0.0026	2.8426	0	0.0415	0.0042	0.0457
226	9.81	9.63	1	1.84	0.0026	2.8426	0	0.032	0.0032	0.0351
227	9.73	9.64	1	1.8398	0.0026	2.8424	0	0.0304	0.003	0.0334
228	9.6	9.69	1	1.8398	0.0027	2.8424	0	0.0246	0.002	0.0266
229	9.74	9.7	1	1.8395	0.0027	2.8422	0	0.0242	0.0019	0.026
230	9.6	9.66	1	1.8394	0.0027	2.8421	0	0.0237	0.0005	0.0243
231	10.1	9.65	1	1.8393	0.0027	2.842	0	0.014	-0.001	0.013
232	9.75	9.66	1	1.8397	0.0028	2.8425	0	0.009	-0.001	0.008
233	9.68	9.69	1	1.8401	0.0028	2.8429	0	0.0013	-0.0031	-0.0017
234	9.39	9.71	1	1.8403	0.0028	2.8431	0	-0.0021	-0.0048	-0.0069
235	9.68	9.74	1	1.8401	0.0028	2.8429	0	-0.0101	-0.0074	-0.0175
236	9.9	9.79	1	1.84	0.0028	2.8428	0	-0.0142	-0.0091	-0.0234
237	10	9.79	1	1.8401	0.0028	2.8429	0	-0.015	-0.0055	-0.0205
238	9.64	9.79	1	1.8403	0.0028	2.8431	0	-0.0145	-0.0089	-0.0235
239	9.17	9.81	1	1.8405	0.0028	2.8433	0	-0.0172	-0.009	-0.0262
240	9.49	9.81	1	1.8404	0.0027	2.8431	0	-0.02	-0.0086	-0.0287
241	9.87	9.82	1	1.8403	0.0027	2.843	0	-0.0215	-0.0067	-0.0282
242	10.1	9.83	1	1.8403	0.0027	2.843	0	-0.0217	-0.0056	-0.0273
243	9.73	9.84	1	1.8399	0.0027	2.8426	0	-0.0226	-0.0031	-0.0257
244	10.1	9.88	1	1.8397	0.0027	2.8423	0	-0.0151	-0.002	-0.0171
245	10.6	9.89	1	1.8397	0.0026	2.8423	0	-0.0128	-0.0007	-0.0135
246	9.74	9.9	1	1.8397	0.0026	2.8423	0	-0.0105	-0.0003	-0.0107
247	9.58	9.91	1	1.8398	0.0026	2.8424	0	-0.0082	-0.001	-0.0092
248	10.2	9.91	1	1.8403	0.0026	2.8429	0	-0.0093	-0.0001	-0.0093
249	9.68	9.93	1	1.8402	0.0026	2.8428	0	-0.0039	-0.0005	-0.0044
250	10.3	9.95	1	1.8401	0.0026	2.8427	0	-0.0012	0	-0.0012

251	9.9	9.96	1	1.8404	0.0026	2.843	0	-0.0049	0	-0.0049
252	9.9	9.94	1	1.8403	0.0026	2.8429	0	-0.0037	0.0003	-0.0034
253	10	9.96	1	1.8405	0.0026	2.8431	0	0.0017	0.0015	0.0031
254	10	9.97	1	1.8406	0.0026	2.8432	0	0	0.0015	0.0015
255	10	9.94	1	1.841	0.0025	2.8435	0	0.0036	0.003	0.0066
256	10.2	9.95	1	1.8408	0.0025	2.8433	0	0.005	0.003	0.008
257	9.58	9.97	1	1.8408	0.0025	2.8433	0	0.0106	0.0028	0.0134
258	9.6	9.96	1	1.8413	0.0026	2.8438	0	0.0098	0.002	0.0118
259	9.82	10	1	1.8414	0.0026	2.844	0	0.0145	0.002	0.0165
260	10.1	9.98	1	1.8411	0.0026	2.8437	0	0.0108	0.002	0.0128
261	9.8	9.99	1	1.8409	0.0026	2.8435	0	0.0144	0.0025	0.0169
262	10.1	10	1	1.8407	0.0025	2.8432	0	0.0154	0.003	0.0184
263	10.2	10	1	1.8408	0.0025	2.8433	0	0.0163	0.003	0.0193
264	10	10	1	1.8408	0.0025	2.8433	0	0.017	0.003	0.02
265	10	10	1	1.8403	0.0025	2.8428	0	0.0233	0.003	0.0263
266	9.88	10	1	1.84	0.0024	2.8424	0	0.0227	0.004	0.0267
267	10.1	10.1	1	1.8396	0.0024	2.842	0	0.0225	0.004	0.0265
268	10.3	10.1	1	1.8391	0.0024	2.8415	0	0.0253	0.004	0.0293
269	9.96	10.1	1	1.8388	0.0024	2.8412	0	0.0321	0.004	0.0361
270	10	10.1	1	1.8387	0.0024	2.8411	0	0.0378	0.004	0.0418
271	10.5	10.1	1	1.8391	0.0024	2.8414	0	0.0342	0.004	0.0382
272	9.73	10.1	1	1.8391	0.0023	2.8414	0	0.0374	0.004	0.0414
273	9.91	10.1	1	1.8389	0.0023	2.8412	0	0.0385	0.004	0.0425
274	10.3	10.1	1	1.839	0.0023	2.8413	0	0.0344	0.004	0.0384
275	10.3	10	1	1.8393	0.0023	2.8416	0	0.0322	0.004	0.0362
276	10.4	10	1	1.8395	0.0023	2.8418	0	0.0349	0.004	0.0389
277	9.97	10	1	1.8396	0.0023	2.8419	0	0.0325	0.005	0.0375
278	10.4	10	1	1.8396	0.0023	2.8419	0	0.0326	0.005	0.0376
279	10.1	9.98	1	1.8398	0.0023	2.8421	0	0.032	0.0059	0.0379
280	10.1	9.97	1	1.8404	0.0023	2.8427	0	0.0308	0.006	0.0368
281	9.95	9.94	1	1.8405	0.0023	2.8428	0	0.0339	0.006	0.0399
282	9.9	9.94	1	1.841	0.0024	2.8434	0	0.0305	0.0062	0.0367
283	9.78	9.94	1	1.8411	0.0024	2.8435	0	0.0331	0.007	0.0401
284	9.16	9.92	1	1.8411	0.0025	2.8436	0	0.0331	0.007	0.0401
285	9.56	9.88	1	1.8409	0.0025	2.8434	0	0.0319	0.007	0.0389
286	10.1	9.85	1	1.8409	0.0026	2.8434	0	0.0276	0.007	0.0346
287	9.93	9.84	1	1.8409	0.0026	2.8435	0	0.0264	0.007	0.0334

288	9.6	9.81	1	1.8412	0.0026	2.8438	0	0.0287	0.008	0.0367
289	9.79	9.79	1	1.8414	0.0026	2.844	0	0.0289	0.008	0.0369
290	9.9	9.8	1	1.8414	0.0026	2.844	0	0.0314	0.008	0.0394
291	9.77	9.81	1	1.8411	0.0026	2.8437	0	0.0296	0.007	0.0366
292	9.81	9.83	1	1.8409	0.0025	2.8434	0	0.0331	0.007	0.0401
293	10.1	9.86	1	1.8403	0.0025	2.8428	0	0.0321	0.007	0.0391
294	9.47	9.9	1	1.84	0.0025	2.8425	0	0.0254	0.0076	0.033
295	9.82	9.93	1	1.8399	0.0025	2.8424	0	0.0197	0.0075	0.0272
296	9.71	9.89	1	1.84	0.0026	2.8426	0	0.0206	0.007	0.0276
297	9.97	9.88	1	1.8402	0.0026	2.8428	0	0.0172	0.007	0.0242
298	9.77	9.92	1	1.8395	0.0025	2.8421	0	0.0216	0.007	0.0286
299	10.1	9.92	1	1.8389	0.0025	2.8414	0	0.0325	0.007	0.0395
300	10.1	9.9	1	1.8388	0.0025	2.8413	0	0.0328	0.007	0.0398
301	10.3	9.88	1	1.8387	0.0025	2.8412	0	0.0336	0.007	0.0406
302	10.4	9.85	1	1.8382	0.0024	2.8406	0	0.0413	0.007	0.0483
303	9.91	9.82	1	1.8381	0.0024	2.8405	0	0.0403	0.007	0.0473
304	10.2	9.81	1	1.8378	0.0023	2.8401	0	0.0411	0.007	0.0481
305	9.25	9.77	1	1.8377	0.0023	2.84	0	0.0336	0.007	0.0406
306	9.72	9.7	1	1.8375	0.0023	2.8398	0	0.0301	0.0064	0.0366
307	10.3	9.66	1	1.8373	0.0024	2.8397	0	0.0265	0.006	0.0325
308	9.84	9.63	1	1.8372	0.0024	2.8396	0	0.0216	0.006	0.0276
309	9.62	9.58	1	1.8372	0.0024	2.8396	0	0.029	0.0068	0.0358
310	9.27	9.53	1	1.8373	0.0024	2.8397	0	0.0273	0.007	0.0343
311	9.38	9.48	1	1.8373	0.0023	2.8396	0	0.0222	0.007	0.0292
312	9.41	9.43	1	1.8373	0.0023	2.8396	0	0.022	0.0069	0.0289
313	9.24	9.38	1	1.8373	0.0023	2.8396	0	0.0254	0.006	0.0314
314	9.04	9.32	1	1.8371	0.0023	2.8394	0	0.0333	0.006	0.0393
315	8.41	9.31	1	1.8372	0.0022	2.8394	0	0.0386	0.006	0.0446
316	9.24	9.3	1	1.8373	0.0022	2.8395	0	0.0403	0.006	0.0463
317	9.18	9.23	1	1.8373	0.0022	2.8395	0	0.0423	0.0054	0.0477
318	9.26	9.2	1	1.837	0.0022	2.8392	0	0.0436	0.0041	0.0477
319	9.09	9.19	1	1.8371	0.0022	2.8393	0	0.0409	0.005	0.0459
320	9.34	9.18	1	1.8373	0.0022	2.8395	0	0.0372	0.004	0.0412
321	9.38	9.16	1	1.837	0.0022	2.8392	0	0.0366	0.004	0.0406
322	9.01	9.13	1	1.8367	0.0022	2.8389	0	0.0379	0.0039	0.0418
323	9.13	9.12	1	1.8367	0.0022	2.8389	0	0.0369	0.0033	0.0402
324	8.94	9.13	1	1.8368	0.0022	2.839	0	0.0339	0.004	0.0379

325	9.53	9.18	1	1.8365	0.0022	2.8387	0	0.036	0.004	0.04
326	9.03	9.19	1	1.8367	0.0021	2.8388	0	0.0357	0.004	0.0397
327	9.23	9.19	1	1.8366	0.0021	2.8386	0	0.0315	0.004	0.0355
328	9.51	9.2	1	1.8366	0.0021	2.8386	0	0.0282	0.004	0.0322
329	8.98	9.22	1	1.8364	0.0021	2.8385	0	0.0266	0.004	0.0306
330	9.05	9.2	1	1.836	0.0021	2.8381	0	0.0285	0.004	0.0325
331	8.89	9.21	1	1.8362	0.0021	2.8383	0	0.0362	0.004	0.0402
332	9.03	9.27	1	1.8364	0.0021	2.8385	0	0.0364	0.004	0.0404
333	9.26	9.3	1	1.8368	0.0021	2.8389	0	0.0431	0.005	0.0481
334	9.29	9.36	1	1.8372	0.0021	2.8393	0	0.0415	0.0062	0.0477
335	9.41	9.41	1	1.8373	0.0021	2.8394	0	0.0445	0.007	0.0515
336	9.17	9.46	1	1.8373	0.0021	2.8394	0	0.0401	0.0073	0.0474
337	9.61	9.5	1	1.8373	0.002	2.8393	0	0.0446	0.0077	0.0523
338	9.48	9.55	1	1.8374	0.002	2.8394	0	0.0457	0.007	0.0527
339	8.92	9.6	1	1.8374	0.002	2.8394	0	0.0477	0.007	0.0547
340	9.5	9.65	1	1.8375	0.002	2.8395	0	0.0534	0.007	0.0604
341	10.2	9.71	1	1.837	0.002	2.839	0	0.0566	0.007	0.0636
342	9.75	9.74	1	1.8371	0.002	2.8391	0	0.0552	0.007	0.0622
343	10.1	9.75	1	1.8374	0.0019	2.8393	0	0.0531	0.006	0.0591
344	10.5	9.77	1	1.8377	0.0019	2.8396	0	0.0497	0.0051	0.0548
345	9.94	9.78	1	1.8377	0.0019	2.8396	0	0.0428	0.005	0.0478
346	10.1	9.78	1	1.8379	0.0019	2.8398	0	0.0396	0.0053	0.0449
347	10.4	9.79	1	1.8376	0.0019	2.8395	0	0.0403	0.006	0.0463
348	9.84	9.81	1	1.837	0.0019	2.8389	0	0.0445	0.006	0.0505
349	10	9.84	1	1.8369	0.0019	2.8388	0	0.0381	0.0055	0.0435
350	10.1	9.86	1	1.8367	0.0019	2.8386	0	0.0297	0.005	0.0347
351	9.54	9.81	1	1.8363	0.0019	2.8382	0	0.0263	0.005	0.0313
352	9.45	9.8	1	1.8363	0.0019	2.8382	0	0.0228	0.005	0.0278
353	9.63	9.75	1	1.8364	0.0019	2.8383	0	0.0169	0.0041	0.021
354	9.66	9.7	1	1.8372	0.0019	2.8391	0	0.0132	0.0047	0.0179
355	9.22	9.67	1	1.8379	0.0019	2.8398	0	0.0095	0.004	0.0135
356	9.69	9.63	1	1.8381	0.0019	2.84	0	0.013	0.004	0.017
357	9.83	9.57	1	1.8386	0.0019	2.8405	0	0.0115	0.0042	0.0158
358	9.65	9.55	1	1.8384	0.0019	2.8403	0	0.0068	0.006	0.0128
359	9.77	9.55	1	1.8386	0.0019	2.8405	0	0.0104	0.0061	0.0165
360	9.22	9.56	1	1.8389	0.0019	2.8408	0	0.0105	0.007	0.0175
361	9.54	9.6	1	1.8387	0.0019	2.8406	0	0.0126	0.0065	0.0191

362	9.21	9.63	1	1.8381	0.0019	2.84	0	0.0155	0.006	0.0215
363	9.52	9.65	1	1.8375	0.0019	2.8394	0	0.0182	0.006	0.0242
364	9.2	9.65	1	1.8369	0.0019	2.8388	0	0.0205	0.0065	0.0271
365	9.4	9.69	1	1.8363	0.0019	2.8382	0	0.0241	0.007	0.0311
366	9.36	9.7	1	1.8357	0.0019	2.8376	0	0.031	0.006	0.037
367	9.37	9.7	1	1.8352	0.002	2.8372	0	0.0345	0.0053	0.0397
368	9.98	9.71	1	1.835	0.0019	2.8369	0	0.0378	0.005	0.0428
369	10.4	9.71	1	1.835	0.002	2.837	0	0.0348	0.005	0.0398
370	10.4	9.73	1	1.835	0.002	2.837	0	0.03	0.006	0.036
371	10	9.73	1	1.8353	0.002	2.8373	0	0.0277	0.007	0.0347
372	9.95	9.75	1	1.8354	0.002	2.8374	0	0.0219	0.007	0.0289
373	9.76	9.76	1	1.8355	0.0019	2.8374	0	0.0179	0.0067	0.0246
374	9.98	9.8	1	1.8355	0.0019	2.8373	0	0.0194	0.0056	0.025
375	9.78	9.83	1	1.8357	0.0019	2.8376	0	0.0203	0.005	0.0253
376	9.86	9.83	1	1.8363	0.0019	2.8382	0	0.0162	0.005	0.0212
377	9.97	9.85	1	1.8368	0.0019	2.8387	0	0.0204	0.0046	0.025
378	9.59	9.83	1	1.8369	0.0019	2.8388	0	0.0193	0.0036	0.0229
379	9.68	9.8	1	1.837	0.0019	2.8388	0	0.0246	0.003	0.0276
380	9.56	9.76	1	1.8368	0.0019	2.8387	0	0.0197	0.0039	0.0236
381	9.54	9.73	1	1.8368	0.0019	2.8387	0	0.0148	0.004	0.0188
382	9.66	9.75	1	1.8367	0.0019	2.8386	0	0.0175	0.004	0.0215
383	10	9.77	1	1.8369	0.0018	2.8387	0	0.0198	0.0041	0.0239
384	9.95	9.73	1	1.8366	0.0018	2.8384	0	0.0225	0.0048	0.0273
385	9.4	9.69	1	1.8368	0.0018	2.8386	0	0.0235	0.004	0.0275
386	9.67	9.69	1	1.8364	0.0018	2.8382	0	0.0231	0.0036	0.0267
387	9.75	9.68	1	1.8363	0.0019	2.8382	0	0.0225	0.0025	0.025
388	9.64	9.71	1	1.8364	0.0019	2.8383	0	0.017	0.001	0.018
389	9.57	9.71	1	1.8361	0.0019	2.838	0	0.0128	0.0005	0.0133
390	9.6	9.72	1	1.8357	0.0019	2.8376	0	0.011	0	0.011
391	10.3	9.73	1	1.8356	0.0019	2.8375	0	0.0153	0	0.0153
392	10.1	9.72	1	1.8356	0.0019	2.8375	0	0.0164	0.0006	0.0171
393	9.18	9.69	1	1.8354	0.002	2.8374	0	0.0234	0.0024	0.0258
394	9.14	9.66	1	1.8358	0.002	2.8378	0	0.0316	0.0032	0.0347
395	9.78	9.67	1	1.836	0.002	2.838	0	0.0349	0.0039	0.0388
396	9.83	9.66	1	1.836	0.002	2.838	0	0.0353	0.005	0.0403
397	10.2	9.65	1	1.8357	0.002	2.8377	0	0.0377	0.004	0.0417
398	9.67	9.67	1	1.8357	0.002	2.8377	0	0.0333	0.0039	0.0372

399	9.76	9.7	1	1.8359	0.002	2.8379	0	0.0293	0.0028	0.0321
400	9.74	9.69	1	1.8362	0.002	2.8382	0	0.0206	0.002	0.0226
401	9.46	9.67	1	1.8364	0.002	2.8384	0	0.0196	0.0023	0.0219
402	9.35	9.65	1	1.8365	0.002	2.8385	0	0.0137	0.0027	0.0164
403	9.47	9.68	1	1.8368	0.0019	2.8388	0	0.0124	0.002	0.0144
404	9.63	9.73	1	1.8368	0.0019	2.8387	0	0.0058	0.0016	0.0073
405	9.39	9.74	1	1.8364	0.0019	2.8383	0	0.0142	0.0005	0.0147
406	9.6	9.75	1	1.8364	0.0019	2.8383	0	0.0166	0	0.0166
407	10	9.72	1	1.8366	0.0018	2.8384	0	0.0149	-0.0007	0.0142
408	10.1	9.75	1	1.8362	0.0018	2.8379	0	0.0184	-0.001	0.0174
409	9.34	9.79	1	1.8362	0.0017	2.8379	0	0.0152	-0.001	0.0142
410	9.99	9.78	1	1.836	0.0017	2.8377	0	0.0139	0.0009	0.0148
411	9.6	9.81	1	1.8357	0.0017	2.8374	0	0.0167	0	0.0167
412	9.79	9.83	1	1.8355	0.0017	2.8372	0	0.0261	0.001	0.0271
413	10	9.85	1	1.8352	0.0016	2.8368	0	0.0346	0.0011	0.0357
414	10.1	9.85	1	1.8347	0.0016	2.8363	0	0.037	0.0021	0.0391
415	9.88	9.88	1	1.8341	0.0016	2.8357	0	0.037	0.003	0.04
416	9.67	9.9	1	1.8339	0.0017	2.8356	0	0.0319	0.003	0.0349
417	10.2	9.88	1	1.8335	0.0017	2.8352	0	0.0294	0.0026	0.032
418	10.6	9.88	1	1.8335	0.0017	2.8352	0	0.0282	0.0029	0.0311
419	9.65	9.9	1	1.8341	0.0016	2.8357	0	0.0241	0.002	0.0261
420	9.93	9.85	1	1.8345	0.0015	2.836	0	0.0258	0.003	0.0288
421	9.73	9.88	1	1.8348	0.0015	2.8363	0	0.0271	0.003	0.0301
422	9.9	9.88	1	1.8349	0.0015	2.8364	0	0.0317	0.003	0.0347
423	9.62	9.86	1	1.8348	0.0016	2.8364	0	0.0368	0.0027	0.0396
424	9.88	9.86	1	1.8348	0.0017	2.8365	0	0.0414	0.0029	0.0444
425	10.1	9.85	1	1.8349	0.0017	2.8366	0	0.043	0.003	0.046
426	9.63	9.83	1	1.8347	0.0016	2.8363	0	0.0406	0.002	0.0426
427	9.98	9.8	1	1.8346	0.0017	2.8364	0	0.0463	0.0019	0.0482
428	9.7	9.79	1	1.8341	0.0018	2.8359	0	0.0527	0.001	0.0537
429	9.17	9.83	1	1.8344	0.0017	2.8361	0	0.0543	0.001	0.0553
430	10.1	9.85	1	1.8345	0.0017	2.8362	0	0.0596	0.001	0.0606
431	9.82	9.86	1	1.8345	0.0017	2.8362	0	0.0602	0.0006	0.0609
432	9.54	9.83	1	1.8345	0.0017	2.8361	0	0.061	0	0.061
433	10.3	9.84	1	1.8345	0.0016	2.8361	0	0.0586	0.0005	0.0591
434	9.66	9.84	1	1.8348	0.0017	2.8365	0	0.0634	0	0.0634
435	9.27	9.8	1	1.835	0.0017	2.8368	0	0.06	0	0.06

436	9.71	9.78	1	1.8351	0.0018	2.837	0	0.057	0	0.057
437	10.3	9.77	1	1.8356	0.0019	2.8375	0	0.052	0.0003	0.0523
438	10.5	9.76	1	1.8362	0.002	2.8381	0	0.0506	0.001	0.0516
439	10.3	9.82	1	1.8363	0.002	2.8383	0	0.0545	0.0002	0.0547
440	9.82	9.85	1	1.836	0.002	2.838	0	0.0505	0.0009	0.0514
441	9.5	9.88	1	1.8354	0.0019	2.8373	0	0.0503	0.0001	0.0504
442	9.67	9.89	1	1.8347	0.0018	2.8365	0	0.0423	0	0.0423
443	9.97	9.88	1	1.8342	0.0016	2.8358	0	0.0429	0	0.0429
444	9.34	9.91	1	1.8342	0.0015	2.8358	0	0.0398	0.0011	0.0409
445	9.29	9.92	1	1.8342	0.0014	2.8356	0	0.0409	0.0022	0.0431
446	9.73	9.92	1	1.8342	0.0015	2.8357	0	0.0378	0.003	0.0408
447	9.52	9.91	1	1.8343	0.0015	2.8358	0	0.0358	0.003	0.0388
448	10.4	9.89	1	1.8341	0.0016	2.8357	0	0.0337	0.003	0.0367
449	10.6	9.86	1	1.8348	0.0017	2.8365	0	0.0343	0.0024	0.0367
450	10.4	9.88	1	1.8348	0.0017	2.8364	0	0.0368	0.002	0.0388
451	9.73	9.88	1	1.8349	0.0016	2.8366	0	0.0379	0.0013	0.0392
452	10	9.87	1	1.8351	0.0017	2.8368	0	0.0363	0.001	0.0373
453	10.1	9.86	1	1.8358	0.0017	2.8375	0	0.0374	0.0002	0.0376
454	9.58	9.88	1	1.8358	0.0019	2.8377	0	0.0391	-0.0007	0.0384
455	9.74	9.89	1	1.8363	0.0019	2.8382	0	0.0376	-0.001	0.0366
456	10.1	9.89	1	1.8367	0.002	2.8386	0	0.0309	-0.001	0.0299
457	10.1	9.91	1	1.8368	0.002	2.8388	0	0.031	-0.001	0.03
458	9.68	9.89	1	1.8369	0.002	2.8389	0	0.0349	-0.002	0.033
459	10.1	9.82	1	1.8372	0.0018	2.839	0	0.0304	-0.0021	0.0284
460	9.46	9.77	1	1.8373	0.0019	2.8391	0	0.0311	-0.0033	0.0278
461	9.6	9.78	1	1.8361	0.0018	2.8379	0	0.0296	-0.004	0.0256
462	9.72	9.77	1	1.8347	0.0018	2.8365	0	0.0296	-0.004	0.0256
463	9.71	9.74	1	1.8338	0.0017	2.8355	0	0.031	-0.004	0.027
464	9.46	9.74	1	1.8332	0.0016	2.8348	0	0.0318	-0.0045	0.0273
465	9.75	9.7	1	1.8331	0.0016	2.8347	0	0.0308	-0.005	0.0258
466	10	9.66	1	1.8328	0.0016	2.8344	0	0.027	-0.0058	0.0212
467	9.93	9.62	1	1.8324	0.0017	2.8341	0	0.027	-0.0053	0.0218
468	9.19	9.64	1	1.8326	0.0017	2.8343	0	0.0256	-0.005	0.0206
469	9.6	9.64	1	1.8325	0.0017	2.8342	0	0.0259	-0.004	0.0219
470	9.85	9.67	1	1.8323	0.0017	2.834	0	0.038	-0.005	0.0331
471	9.83	9.7	1	1.8321	0.0017	2.8338	0	0.0414	-0.0049	0.0365
472	9.71	9.71	1	1.8317	0.0017	2.8334	0	0.0472	-0.0038	0.0434

473	9.4	9.71	1	1.8314	0.0016	2.833	0	0.0567	-0.0027	0.054
474	9.14	9.73	1	1.8312	0.0016	2.8328	0	0.0564	-0.0016	0.0547
475	9.26	9.73	1	1.8317	0.0017	2.8334	0	0.0542	-0.001	0.0532
476	9.3	9.71	1	1.8317	0.0017	2.8334	0	0.0554	-0.001	0.0544
477	10.1	9.7	1	1.8315	0.0018	2.8333	0	0.0553	-0.0016	0.0537
478	10.1	9.73	1	1.8315	0.0018	2.8333	0	0.0494	-0.0006	0.0489
479	10.1	9.73	1	1.831	0.0018	2.8328	0	0.0473	0	0.0473
480	10.2	9.7	1	1.8308	0.0018	2.8326	0	0.0488	-0.0009	0.0479
481	9.79	9.66	1	1.8307	0.0019	2.8326	0	0.0461	0	0.0461
482	9.77	9.62	1	1.8308	0.0018	2.8326	0	0.0456	0	0.0456
483	9.84	9.65	1	1.8306	0.0018	2.8324	0	0.0381	0	0.0381
484	9.76	9.64	1	1.8306	0.0018	2.8324	0	0.0384	0.0002	0.0386
485	9.7	9.64	1	1.8311	0.0018	2.8329	0	0.0354	0.001	0.0364
486	9.65	9.61	1	1.8312	0.0018	2.833	0	0.0344	0.0018	0.0361
487	9.87	9.56	1	1.8313	0.0018	2.8331	0	0.034	0.0035	0.0375
488	9.43	9.53	1	1.831	0.0019	2.8328	0	0.0364	0.004	0.0404
489	9.32	9.47	1	1.831	0.0018	2.8328	0	0.0417	0.0045	0.0462
490	9.05	9.4	1	1.8307	0.0019	2.8326	0	0.0464	0.0043	0.0507
491	9.09	9.38	1	1.8313	0.0019	2.8332	0	0.0448	0.004	0.0488
492	9.82	9.34	1	1.8313	0.0019	2.8332	0	0.0332	0.0034	0.0365
493	9.08	9.29	1	1.8314	0.0019	2.8333	0	0.0281	0.0016	0.0297
494	9.21	9.23	1	1.8317	0.0018	2.8334	0	0.0246	0.0002	0.0248
495	8.77	9.21	1	1.8322	0.0017	2.8339	0	0.0258	-0.0009	0.0249
496	9.2	9.17	1	1.8324	0.0017	2.8341	0	0.0221	-0.001	0.0211
497	9.49	9.15	1	1.8324	0.0017	2.8341	0	0.0218	0	0.0218
498	8.96	9.17	1	1.8323	0.0018	2.8341	0	0.0197	0.0001	0.0198
499	8.85	9.2	1	1.8323	0.0018	2.8341	0	0.0137	0.0012	0.0149
500	9.33	9.25	1	1.8324	0.0019	2.8343	0	0.0226	0.002	0.0246
501	9.05	9.26	1	1.8328	0.0019	2.8347	0	0.0249	0.0017	0.0266
502	8.82	9.24	1	1.8328	0.002	2.8348	0	0.0272	0.0018	0.029
503	8.64	9.25	1	1.8329	0.002	2.8349	0	0.0275	0.003	0.0305
504	9.38	9.26	1	1.833	0.002	2.835	0	0.0376	0.0034	0.041
505	8.86	9.29	1	1.8333	0.002	2.8353	0	0.0423	0.0045	0.0469
506	9.54	9.3	1	1.8332	0.002	2.8352	0	0.0492	0.005	0.0542
507	9.84	9.3	1	1.8332	0.002	2.8352	0	0.0539	0.0057	0.0596
508	9.76	9.31	1	1.8331	0.002	2.8351	0	0.0556	0.005	0.0606
509	10	9.32	1	1.833	0.002	2.8351	0	0.0612	0.005	0.0662

510	9.35	9.32	1	1.8331	0.0021	2.8352	0	0.0666	0.0031	0.0697
511	9.39	9.33	1	1.8328	0.0021	2.8349	0	0.0602	0.004	0.0642
512	9.4	9.36	1	1.8324	0.0021	2.8345	0	0.0475	0.003	0.0505
513	9.36	9.39	1	1.832	0.0021	2.8341	0	0.0284	0.0029	0.0313
514	9.2	9.36	1	1.8316	0.0021	2.8337	0	0.0187	0.0019	0.0206
515	9.56	9.36	1	1.8315	0.0022	2.8336	0	0.0148	0.0005	0.0153
516	9.44	9.33	1	1.8312	0.0022	2.8334	0	0.0137	0	0.0137
517	9.19	9.32	1	1.831	0.0022	2.8332	0	0.0107	0.0004	0.0111
518	8.88	9.31	1	1.831	0.0021	2.8331	0	0.0088	0.0003	0.0091
519	9.36	9.3	1	1.8303	0.0021	2.8324	0	0.0125	0	0.0125
520	9.34	9.34	1	1.8303	0.002	2.8323	0	0.0114	0	0.0114
521	9.38	9.34	1	1.8301	0.0019	2.8319	0	0.0121	-0.0009	0.0112
522	9.09	9.34	1	1.8292	0.0018	2.831	0	0.0163	-0.001	0.0153
523	8.98	9.35	1	1.8292	0.0018	2.831	0	0.0138	-0.001	0.0128
524	8.85	9.37	1	1.8294	0.0018	2.8312	0	0.0126	-0.0019	0.0107
525	8.85	9.36	1	1.8293	0.0018	2.8311	0	0.0128	-0.002	0.0108
526	9.77	9.36	1	1.8292	0.0018	2.831	0	0.0162	-0.001	0.0152
527	9.53	9.36	1	1.8297	0.0018	2.8315	0	0.0154	-0.0009	0.0145
528	9.82	9.39	1	1.8294	0.0018	2.8312	0	0.0144	0	0.0144
529	10.1	9.4	1	1.8295	0.0018	2.8313	0	0.0143	0	0.0143
530	9.41	9.38	1	1.8299	0.0017	2.8316	0	0.007	0.0006	0.0076
531	9.46	9.38	1	1.8299	0.0017	2.8316	0	0.0046	0.0014	0.006
532	9.49	9.37	1	1.8306	0.0017	2.8323	0	0.0048	0.002	0.0068
533	9.51	9.38	1	1.8307	0.0016	2.8323	0	0.0106	0.0015	0.0121
534	9.49	9.41	1	1.8313	0.0016	2.8329	0	0.0084	0.001	0.0094
535	9.3	9.42	1	1.8316	0.0016	2.8332	0	0.0066	0.001	0.0076
536	9.28	9.37	1	1.8317	0.0015	2.8332	0	0.0163	0.0011	0.0174
537	9.45	9.34	1	1.8319	0.0015	2.8334	0	0.0197	0.002	0.0217
538	9.47	9.29	1	1.832	0.0015	2.8335	0	0.0211	0.002	0.0231
539	9.03	9.24	1	1.8317	0.0016	2.8332	0	0.0124	0.0028	0.0152
540	9.29	9.22	1	1.8315	0.0016	2.8331	0	0.0118	0.0021	0.014
541	9.04	9.21	1	1.8321	0.0016	2.8337	0	0.0109	0.0029	0.0138
542	9.14	9.21	1	1.8319	0.0016	2.8335	0	0.0149	0.003	0.0179
543	9.42	9.2	1	1.8318	0.0016	2.8334	0	0.0142	0.003	0.0172
544	8.95	9.19	1	1.8317	0.0016	2.8333	0	0.0156	0.0029	0.0185
545	8.89	9.2	1	1.8319	0.0015	2.8334	0	0.0152	0.0018	0.0169
546	8.93	9.2	1	1.832	0.0015	2.8335	0	0.0184	0.001	0.0194

547	8.87	9.19	1	1.8323	0.0015	2.8338	0	0.0169	0.001	0.0179
548	9.12	9.2	1	1.8327	0.0015	2.8342	0	0.0189	0	0.0189
549	9.05	9.26	1	1.8325	0.0015	2.834	0	0.0121	0.0007	0.0128
550	9.28	9.29	1	1.8323	0.0015	2.8338	0	0.0088	0.0022	0.011
551	9.39	9.32	1	1.8322	0.0014	2.8337	0	0.0095	0.0034	0.0129
552	9.41	9.36	1	1.8323	0.0014	2.8337	0	0.0155	0.003	0.0185
553	9.37	9.37	1	1.832	0.0014	2.8334	0	0.0187	0.0038	0.0225
554	9.5	9.4	1	1.8316	0.0014	2.833	0	0.0202	0.0045	0.0248
555	9.17	9.45	1	1.8314	0.0014	2.8328	0	0.0267	0.0056	0.0323
556	9.36	9.5	1	1.8313	0.0014	2.8327	0	0.037	0.0067	0.0436
557	9.58	9.55	1	1.8313	0.0015	2.8327	0	0.0319	0.0078	0.0396
558	10.2	9.6	1	1.8307	0.0015	2.8322	0	0.0241	0.008	0.0321
559	9.82	9.63	1	1.8306	0.0015	2.8321	0	0.0198	0.008	0.0278
560	9.55	9.65	1	1.8312	0.0015	2.8327	0	0.0109	0.0063	0.0172
561	9.95	9.65	1	1.8313	0.0015	2.8328	0	0.0063	0.0048	0.0111
562	9.53	9.66	1	1.8318	0.0015	2.8333	0	0.002	0.0032	0.0052
563	9.67	9.66	1	1.8319	0.0015	2.8334	0	-0.0013	0.004	0.0027
564	9.82	9.67	1	1.8318	0.0015	2.8333	0	-0.0026	0.004	0.0014
565	9.82	9.7	1	1.8318	0.0016	2.8334	0	-0.0066	0.004	-0.0026
566	9.82	9.73	1	1.8317	0.0016	2.8333	0	-0.0073	0.0031	-0.0042
567	10	9.75	1	1.8315	0.0017	2.8332	0	-0.0072	0.0014	-0.0059
568	9.62	9.75	1	1.8313	0.0017	2.833	0	-0.0088	0.0017	-0.0071
569	9.64	9.74	1	1.8313	0.0017	2.833	0	-0.0106	0.0018	-0.0088
570	9.45	9.74	1	1.8311	0.0018	2.8329	0	-0.0152	0.0029	-0.0124
571	9.62	9.72	1	1.8305	0.0018	2.8323	0	-0.0131	0.0029	-0.0103
572	9.42	9.71	1	1.8303	0.0018	2.8321	0	-0.0174	0.0017	-0.0158
573	9.7	9.72	1	1.8301	0.0018	2.8319	0	-0.0333	-0.001	-0.0343
574	9.68	9.7	1	1.8299	0.0018	2.8317	0	-0.0326	-0.001	-0.0336
575	9.85	9.65	1	1.83	0.0018	2.8318	0	-0.0264	-0.0007	-0.027
576	10.1	9.6	1	1.8302	0.0018	2.832	0	-0.0303	0	-0.0303
577	10.1	9.55	1	1.8301	0.0018	2.8319	0	-0.0338	0.0005	-0.0334
578	9.74	9.53	1	1.8301	0.0018	2.8319	0	-0.0245	0.001	-0.0235
579	9.57	9.51	1	1.8303	0.0017	2.832	0	-0.0292	0.001	-0.0282
580	9.43	9.49	1	1.8303	0.0017	2.832	0	-0.0276	0.0003	-0.0273
581	9.32	9.46	1	1.8303	0.0017	2.832	0	-0.0205	-0.0018	-0.0223
582	10	9.47	1	1.8297	0.0017	2.8314	0	-0.025	-0.0011	-0.0262
583	9.32	9.45	1	1.8297	0.0017	2.8314	0	-0.021	-0.0002	-0.0212

584	9	9.41	1	1.8299	0.0017	2.8316	0	-0.0141	-0.002	-0.0161
585	8.73	9.35	1	1.8295	0.0017	2.8312	0	0.0032	-0.0019	0.0014
586	9.19	9.32	1	1.8292	0.0016	2.8308	0	0.0136	-0.0014	0.0122
587	9.17	9.27	1	1.8292	0.0016	2.8308	0	0.0217	-0.002	0.0197
588	9.17	9.28	1	1.8297	0.0016	2.8313	0	0.0305	-0.002	0.0285
589	9.09	9.28	1	1.8298	0.0016	2.8314	0	0.0354	-0.0016	0.0338
590	9.13	9.27	1	1.8296	0.0016	2.8312	0	0.0366	0.0002	0.0368
591	9.57	9.27	1	1.8299	0.0016	2.8315	0	0.0372	0.001	0.0382
592	9.29	9.22	1	1.8298	0.0016	2.8314	0	0.051	0.001	0.052
593	8.92	9.2	1	1.8298	0.0016	2.8314	0	0.0573	0.001	0.0583
594	8.86	9.22	1	1.8301	0.0016	2.8317	0	0.0606	0.001	0.0616
595	9.46	9.26	1	1.8303	0.0016	2.8319	0	0.0563	0.001	0.0573
596	9.15	9.27	1	1.8307	0.0016	2.8323	0	0.0571	-0.0009	0.0562
597	9.87	9.29	1	1.8305	0.0017	2.8322	0	0.0582	-0.001	0.0572
598	9.65	9.3	1	1.8311	0.0017	2.8328	0	0.0628	0	0.0628
599	9.18	9.31	1	1.8314	0.0016	2.8329	0	0.0664	-0.0001	0.0663
600	9.34	9.35	1	1.8315	0.0015	2.833	0	0.0625	-0.0009	0.0617
601	9.04	9.38	1	1.8312	0.0016	2.8328	0	0.0633	0	0.0633
602	9.02	9.4	1	1.8309	0.0016	2.8325	0	0.0612	-0.0005	0.0607
603	9.41	9.43	1	1.8309	0.0015	2.8324	0	0.0554	-0.001	0.0544
604	9.37	9.47	1	1.8304	0.0014	2.8318	0	0.0518	-0.001	0.0508
605	9.32	9.46	1	1.8296	0.0013	2.831	0	0.0481	-0.001	0.0471
606	9.57	9.48	1	1.8301	0.0012	2.8313	0	0.0405	-0.001	0.0395
607	9.48	9.46	1	1.8307	0.0012	2.8319	0	0.0303	-0.0003	0.0301
608	9.19	9.46	1	1.8311	0.0012	2.8323	0	0.0313	0.001	0.0322
609	9.99	9.5	1	1.832	0.0014	2.8334	0	0.026	0.001	0.027
610	10	9.5	1	1.8325	0.0016	2.8341	0	0.0222	0.001	0.0232
611	9.71	9.52	1	1.8326	0.0018	2.8343	0	0.0248	0.001	0.0258
612	9.5	9.56	1	1.8325	0.0017	2.8342	0	0.0272	0.0011	0.0283
613	9.63	9.56	1	1.8323	0.0017	2.834	0	0.0354	0.002	0.0374
614	9.34	9.57	1	1.8322	0.0017	2.8339	0	0.0348	0.0023	0.0371
615	9.44	9.55	1	1.8322	0.0019	2.8341	0	0.0354	0.0031	0.0385
616	9.45	9.53	1	1.8319	0.0021	2.834	0	0.0376	0.003	0.0406
617	9.69	9.54	1	1.8319	0.002	2.8339	0	0.0373	0.003	0.0403
618	9.96	9.57	1	1.832	0.0019	2.8339	0	0.0374	0.0037	0.041
619	9.46	9.57	1	1.8318	0.0018	2.8336	0	0.034	0.004	0.038
620	9.42	9.55	1	1.8317	0.0017	2.8334	0	0.0335	0.004	0.0375

621	9.74	9.56	1	1.8318	0.0017	2.8335	0	0.0304	0.0049	0.0353
622	9.3	9.55	1	1.8326	0.0019	2.8345	0	0.0214	0.005	0.0264
623	9.53	9.58	1	1.8324	0.0019	2.8343	0	0.0169	0.004	0.0209
624	9.11	9.6	1	1.832	0.0019	2.8339	0	0.0156	0.003	0.0186
625	9.2	9.62	1	1.8324	0.0018	2.8342	0	0.0133	0.003	0.0163
626	9.62	9.63	1	1.8326	0.0018	2.8343	0	0.0153	0.003	0.0183
627	9.68	9.63	1	1.8321	0.0017	2.8338	0	0.0148	0.003	0.0178
628	10	9.61	1	1.8323	0.0017	2.834	0	0.0156	0.003	0.0186
629	9.62	9.62	1	1.8323	0.0018	2.834	0	0.0165	0.0033	0.0197
630	9.91	9.61	1	1.832	0.0019	2.8339	0	0.0177	0.0034	0.0211
631	9.27	9.56	1	1.8324	0.0018	2.8342	0	0.0171	0.003	0.0201
632	10.2	9.55	1	1.8327	0.0017	2.8344	0	0.0164	0.003	0.0194
633	9.85	9.53	1	1.8321	0.0018	2.8339	0	0.0123	0.0025	0.0148
634	9.79	9.56	1	1.8309	0.0018	2.8327	0	0.0109	0.002	0.0129
635	9.55	9.6	1	1.8302	0.0017	2.8319	0	0.007	0.0014	0.0084
636	9.77	9.61	1	1.8295	0.0017	2.8312	0	-0.002	0.0009	-0.0011
637	9.64	9.59	1	1.8289	0.0017	2.8306	0	-0.0054	0	-0.0054
638	9.54	9.54	1	1.8284	0.0017	2.8301	0	-0.0081	0.0007	-0.0073
639	9.23	9.52	1	1.828	0.0016	2.8296	0	-0.0057	0.001	-0.0047
640	8.81	9.48	1	1.8278	0.0015	2.8293	0	-0.0034	0.0018	-0.0016
641	9.06	9.51	1	1.827	0.0015	2.8285	0	-0.0001	0.0029	0.0028
642	9.17	9.49	1	1.8262	0.0015	2.8277	0	0.005	0.004	0.009
643	9.71	9.48	1	1.8257	0.0015	2.8272	0	0.01	0.004	0.014
644	9.99	9.47	1	1.826	0.0015	2.8275	0	0.0132	0.0038	0.0171
645	9.77	9.44	1	1.8262	0.0016	2.8278	0	0.0286	0.0028	0.0314
646	9.25	9.41	1	1.8262	0.0016	2.8278	0	0.0428	0.0017	0.0445
647	9.24	9.42	1	1.8261	0.0015	2.8276	0	0.0499	0.0014	0.0513
648	9.22	9.45	1	1.8261	0.0015	2.8276	0	0.0526	0.0035	0.0561
649	9.16	9.46	1	1.8263	0.0016	2.8279	0	0.0611	0.0039	0.065
650	9.76	9.47	1	1.8259	0.0015	2.8274	0	0.0645	0.0028	0.0673
651	9.74	9.49	1	1.8261	0.0015	2.8276	0	0.0695	0.0023	0.0718
652	9.67	9.51	1	1.8268	0.0015	2.8283	0	0.0687	0.0022	0.0708
653	9.65	9.5	1	1.8269	0.0015	2.8284	0	0.0637	0.002	0.0657
654	9.05	9.46	1	1.8268	0.0015	2.8283	0	0.0664	0.0005	0.0669
655	9.18	9.44	1	1.8273	0.0015	2.8288	0	0.0586	-0.0005	0.0581
656	9.87	9.48	1	1.8282	0.0014	2.8297	0	0.056	-0.0005	0.0555
657	10	9.53	1	1.8281	0.0014	2.8295	0	0.0608	-0.0008	0.0601

658	9.36	9.56	1	1.8281	0.0014	2.8295	0	0.0666	-0.0013	0.0652
659	9.02	9.61	1	1.8283	0.0014	2.8297	0	0.0706	-0.002	0.0686
660	9.47	9.62	1	1.8287	0.0014	2.8301	0	0.0857	0	0.0857
661	9.44	9.61	1	1.8286	0.0014	2.83	0	0.0931	0.0016	0.0947
662	9.54	9.62	1	1.8283	0.0013	2.8296	0	0.0893	0.0028	0.0921
663	9.22	9.62	1	1.8284	0.0013	2.8297	0	0.0874	0.0012	0.0887
664	9.39	9.66	1	1.8282	0.0012	2.8294	0	0.0844	0.001	0.0854
665	10.1	9.71	1	1.828	0.0013	2.8293	0	0.0877	0.0019	0.0896
666	10.2	9.67	1	1.828	0.0013	2.8293	0	0.0833	0.0027	0.086
667	9.78	9.64	1	1.8278	0.0013	2.8291	0	0.0776	0.0046	0.0822
668	9.94	9.66	1	1.8279	0.0013	2.8292	0	0.0731	0.0034	0.0765
669	10	9.72	1	1.828	0.0013	2.8293	0	0.0741	0.0033	0.0775
670	9.56	9.74	1	1.828	0.0013	2.8293	0	0.0635	0.0031	0.0666
671	9.9	9.77	1	1.8283	0.0013	2.8296	0	0.0646	0.002	0.0666
672	9.54	9.81	1	1.8286	0.0014	2.83	0	0.0672	0.0025	0.0698
673	9.82	9.85	1	1.8286	0.0015	2.8301	0	0.0747	0.005	0.0797
674	10.1	9.85	1	1.8285	0.0015	2.83	0	0.0744	0.005	0.0794
675	9.18	9.81	1	1.8285	0.0015	2.83	0	0.0719	0.0047	0.0765
676	9.52	9.77	1	1.8287	0.0015	2.8302	0	0.0753	0.004	0.0793
677	9.75	9.75	1	1.8285	0.0015	2.83	0	0.073	0.0028	0.0757
678	10	9.75	1	1.8284	0.0015	2.8299	0	0.0678	0.0011	0.0689
679	9.9	9.75	1	1.8285	0.0014	2.8299	0	0.0666	0.0019	0.0685
680	10.1	9.73	1	1.8286	0.0014	2.83	0	0.074	0.0037	0.0777
681	10.2	9.7	1	1.8286	0.0014	2.83	0	0.0636	0.0037	0.0674
682	10	9.71	1	1.8285	0.0015	2.83	0	0.0715	0.0022	0.0737
683	9.49	9.69	1	1.8287	0.0015	2.8302	0	0.0754	0.002	0.0774
684	9.28	9.64	1	1.8292	0.0016	2.8308	0	0.066	0.003	0.069
685	9.42	9.66	1	1.8297	0.0016	2.8313	0	0.0564	0.0029	0.0592
686	9.39	9.66	1	1.8298	0.0016	2.8314	0	0.0517	0.002	0.0537
687	9.97	9.63	1	1.83	0.0015	2.8315	0	0.0449	0.0025	0.0474
688	10.1	9.61	1	1.8303	0.0015	2.8318	0	0.0455	0.003	0.0485
689	9.2	9.59	1	1.8302	0.0014	2.8316	0	0.044	0.0026	0.0465
690	9.27	9.57	1	1.8296	0.0013	2.8309	0	0.0411	0.0023	0.0433
691	9.82	9.52	1	1.8294	0.0012	2.8306	0	0.0382	0.0028	0.0411
692	9.33	9.5	1	1.8288	0.0012	2.83	0	0.0331	0.0021	0.0351
693	9.17	9.52	1	1.8285	0.0012	2.8297	0	0.0275	0.002	0.0295
694	9.67	9.59	1	1.8273	0.0013	2.8286	0	0.0254	0.002	0.0274

695	9.42	9.63	1	1.8261	0.0014	2.8275	0	0.0247	0.002	0.0267
696	9.28	9.66	1	1.8257	0.0015	2.8272	0	0.024	0.0028	0.0268
697	9.52	9.66	1	1.8252	0.0014	2.8266	0	0.0238	0.0017	0.0255
698	9.55	9.65	1	1.825	0.0013	2.8263	0	0.0206	-0.0012	0.0194
699	9.69	9.67	1	1.8249	0.0013	2.8262	0	0.0193	-0.0019	0.0174
700	9.32	9.69	1	1.8245	0.0013	2.8258	0	0.0228	-0.0011	0.0216
701	9.67	9.67	1	1.8244	0.0014	2.8257	0	0.021	-0.0016	0.0194
702	9.73	9.69	1	1.8245	0.0014	2.8259	0	0.0193	-0.001	0.0183
703	10.7	9.71	1	1.8243	0.0015	2.8258	0	0.0273	0.0001	0.0273
704	10.2	9.69	1	1.8245	0.0015	2.826	0	0.0272	0.0005	0.0277
705	9.96	9.67	1	1.824	0.0014	2.8254	0	0.0242	0	0.0242
706	9.9	9.63	1	1.824	0.0013	2.8253	0	0.032	-0.0007	0.0313
707	9.92	9.61	1	1.8241	0.0013	2.8254	0	0.0433	-0.0025	0.0408
708	9.62	9.58	1	1.8241	0.0014	2.8255	0	0.041	-0.0013	0.0397
709	9.58	9.54	1	1.8234	0.0014	2.8248	0	0.0399	-0.001	0.0389
710	9.55	9.5	1	1.8231	0.0015	2.8246	0	0.0349	-0.001	0.0339
711	9.64	9.46	1	1.8236	0.0015	2.8251	0	0.0398	-0.0009	0.0389
712	9.65	9.42	1	1.8238	0.0016	2.8253	0	0.0373	-0.0002	0.0371
713	9.23	9.33	1	1.8238	0.0016	2.8254	0	0.0381	-0.0022	0.0358
714	8.92	9.26	1	1.8235	0.0015	2.825	0	0.0417	-0.0029	0.0388
715	8.56	9.21	1	1.8239	0.0016	2.8255	0	0.0397	-0.0027	0.037
716	9.18	9.2	1	1.8242	0.0016	2.8258	0	0.0379	-0.002	0.0359
717	9.04	9.18	1	1.8245	0.0017	2.8262	0	0.0356	-0.002	0.0336
718	8.82	9.18	1	1.8246	0.0016	2.8262	0	0.032	-0.0007	0.0313
719	8.57	9.18	1	1.8254	0.0015	2.8269	0	0.0321	-0.0008	0.0313
720	9.06	9.21	1	1.8252	0.0015	2.8267	0	0.0314	-0.0018	0.0296
721	8.88	9.19	1	1.8251	0.0015	2.8265	0	0.0309	-0.0029	0.028
722	8.96	9.19	1	1.8251	0.0014	2.8265	0	0.0337	-0.004	0.0297
723	9.01	9.19	1	1.825	0.0014	2.8264	0	0.034	-0.004	0.0299
724	8.99	9.23	1	1.8248	0.0014	2.8262	0	0.0325	-0.0032	0.0293
725	9.69	9.29	1	1.8248	0.0014	2.8262	0	0.0297	-0.0037	0.0259
726	9.5	9.31	1	1.8253	0.0015	2.8267	0	0.0299	-0.0027	0.0273
727	9.55	9.36	1	1.8253	0.0016	2.8269	0	0.0377	-0.0016	0.0361
728	9.73	9.44	1	1.8256	0.0015	2.8271	0	0.0395	-0.001	0.0385
729	10.1	9.52	1	1.8249	0.0014	2.8263	0	0.043	0.0004	0.0433
730	9.15	9.59	1	1.8256	0.0015	2.8271	0	0.0552	0.0016	0.0568
731	9.59	9.64	1	1.8252	0.0016	2.8268	0	0.06	0.002	0.062

732	9.41	9.67	1	1.8252	0.0015	2.8267	0	0.063	0.0006	0.0636
733	9.57	9.75	1	1.8255	0.0015	2.827	0	0.0666	0.0005	0.0671
734	9.66	9.76	1	1.8253	0.0015	2.8268	0	0.0721	0.001	0.0731
735	9.68	9.73	1	1.8251	0.0015	2.8266	0	0.0829	0.0016	0.0845
736	9.85	9.7	1	1.825	0.0014	2.8265	0	0.0902	0.0012	0.0914
737	10.4	9.67	1	1.8243	0.0014	2.8257	0	0.0894	0.001	0.0904
738	10.2	9.65	1	1.8241	0.0014	2.8255	0	0.0868	0.0003	0.0871
739	10.3	9.64	1	1.8239	0.0013	2.8252	0	0.0828	0.0009	0.0838
740	9.93	9.69	1	1.8239	0.0012	2.8251	0	0.0882	0.0002	0.0883
741	9.47	9.67	1	1.8237	0.0013	2.825	0	0.0805	-0.0009	0.0796
742	10.5	9.67	1	1.8235	0.0013	2.8248	0	0.0792	-0.001	0.0782
743	9.22	9.66	1	1.8232	0.0013	2.8245	0	0.0776	-0.0011	0.0765
744	9.17	9.65	1	1.8236	0.0013	2.8249	0	0.0808	-0.0018	0.0789
745	8.89	9.66	1	1.8238	0.0013	2.8251	0	0.0648	-0.001	0.0638
746	9.08	9.67	1	1.8238	0.0014	2.8252	0	0.055	-0.0007	0.0543
747	9.34	9.64	1	1.824	0.0016	2.8256	0	0.0564	0	0.0564
748	9.83	9.61	1	1.8242	0.0017	2.8259	0	0.055	-0.001	0.054
749	10.1	9.58	1	1.824	0.0017	2.8257	0	0.0515	-0.002	0.0495
750	9.28	9.56	1	1.8238	0.0017	2.8255	0	0.051	-0.002	0.049
751	9.31	9.56	1	1.8241	0.0016	2.8257	0	0.0424	-0.0027	0.0397
752	9.48	9.52	1	1.824	0.0015	2.8255	0	0.0429	-0.0022	0.0407
753	9.53	9.54	1	1.8241	0.0015	2.8256	0	0.0441	-0.0029	0.0413
754	9.84	9.55	1	1.8243	0.0015	2.8258	0	0.0401	-0.0029	0.0371
755	9.97	9.58	1	1.8241	0.0016	2.8257	0	0.0416	-0.0031	0.0385
756	9.78	9.62	1	1.8239	0.0017	2.8256	0	0.0318	-0.0052	0.0266
757	9.65	9.64	1	1.824	0.0015	2.8256	0	0.0309	-0.007	0.0239
758	9.59	9.6	1	1.8241	0.0015	2.8256	0	0.0306	-0.0064	0.0242
759	9.61	9.59	1	1.8248	0.0015	2.8263	0	0.0315	-0.0047	0.0268
760	9.55	9.59	1	1.8248	0.0015	2.8263	0	0.0246	-0.0036	0.0209
761	9.72	9.63	1	1.8249	0.0014	2.8263	0	0.0242	-0.0019	0.0222
762	9.53	9.65	1	1.8245	0.0015	2.826	0	0.0306	-0.001	0.0296
763	9.36	9.71	1	1.8243	0.0016	2.8258	0	0.0275	-0.0002	0.0273
764	9.58	9.73	1	1.8243	0.0015	2.8258	0	0.0234	0.0007	0.0241
765	9.78	9.71	1	1.8242	0.0015	2.8257	0	0.0136	-0.0007	0.0129
766	9.71	9.7	1	1.8244	0.0015	2.8259	0	0.0203	-0.0008	0.0194
767	9.08	9.7	1	1.8246	0.0014	2.8259	0	0.0251	-0.0028	0.0223
768	9.77	9.73	1	1.8247	0.0014	2.8261	0	0.0289	-0.0021	0.0268

769	9.36	9.75	1	1.8248	0.0015	2.8263	0	0.0355	-0.0031	0.0325
770	10.1	9.76	1	1.8249	0.0016	2.8265	0	0.0459	-0.0025	0.0434
771	9.83	9.76	1	1.825	0.0017	2.8267	0	0.0492	0.0005	0.0497
772	10.6	9.76	1	1.8253	0.0018	2.8271	0	0.0477	0.0016	0.0493
773	10.2	9.78	1	1.8253	0.0018	2.8271	0	0.0483	0.0002	0.0486
774	9.53	9.77	1	1.8256	0.0019	2.8275	0	0.0464	-0.001	0.0454
775	9.57	9.77	1	1.8255	0.0018	2.8273	0	0.0447	-0.001	0.0437
776	9.81	9.74	1	1.8249	0.0017	2.8266	0	0.0457	0	0.0457
777	10.2	9.79	1	1.8245	0.0016	2.8261	0	0.0516	0.0013	0.0529
778	9.95	9.77	1	1.8241	0.0014	2.8255	0	0.0535	0.0013	0.0548
779	9.74	9.77	1	1.823	0.0012	2.8242	0	0.0585	0.0001	0.0586
780	9.65	9.72	1	1.8226	0.0012	2.8238	0	0.052	-0.0004	0.0516
781	9.52	9.75	1	1.8223	0.0013	2.8236	0	0.0581	0.0011	0.0592
782	9.68	9.67	1	1.8219	0.0014	2.8233	0	0.0494	0.0034	0.0528
783	9.54	9.64	1	1.8214	0.0014	2.8228	0	0.0458	0.0039	0.0496
784	9.79	9.65	1	1.821	0.0014	2.8224	0	0.0444	0.003	0.0475
785	9.04	9.64	1	1.8207	0.0015	2.8222	0	0.0359	0.003	0.0389
786	10	9.64	1	1.8208	0.0015	2.8223	0	0.0421	0.002	0.0441
787	9.48	9.61	1	1.8213	0.0015	2.8228	0	0.0421	0.0017	0.0437
788	9.3	9.59	1	1.822	0.0014	2.8234	0	0.0349	0.0017	0.0366
789	9.22	9.55	1	1.8214	0.0014	2.8228	0	0.0308	0.001	0.0318
790	10.3	9.52	1	1.8215	0.0014	2.8229	0	0.0257	0.0002	0.026
791	9.15	9.51	1	1.8214	0.0013	2.8227	0	0.0226	-0.0008	0.0217
792	9.57	9.51	1	1.8211	0.0013	2.8224	0	0.0218	-0.0007	0.0211
793	9.83	9.5	1	1.8204	0.0014	2.8218	0	0.0193	-0.0017	0.0176
794	9.44	9.46	1	1.8208	0.0014	2.8222	0	0.0093	-0.0028	0.0065
795	9.79	9.48	1	1.8206	0.0015	2.8221	0	0.0094	-0.0038	0.0056
796	9.55	9.46	1	1.8201	0.0015	2.8216	0	0.0065	-0.0049	0.0016
797	9.47	9.45	1	1.8197	0.0015	2.8212	0	0.0092	-0.0037	0.0055
798	9.04	9.45	1	1.8198	0.0015	2.8213	0	0.0115	-0.0017	0.0098
799	9.07	9.44	1	1.8198	0.0015	2.8213	0	0.0125	0.0002	0.0127
800	9.33	9.36	1	1.8203	0.0016	2.8218	0	0.0047	0.0013	0.006
801	9.64	9.35	1	1.8201	0.0016	2.8217	0	0.0069	0.0016	0.0085
802	9.34	9.3	1	1.8201	0.0017	2.8218	0	0.0081	0.001	0.0091
803	9.12	9.28	1	1.8202	0.0018	2.822	0	0.0003	0.0005	0.0007
804	9.32	9.26	1	1.8203	0.0018	2.8221	0	0.003	0.0005	0.0035
805	9.69	9.2	1	1.8208	0.0019	2.8228	0	0.0068	0.001	0.0078

806	9.25	9.17	1	1.8209	0.002	2.8229	0	0.0038	0.0009	0.0047
807	9.4	9.14	1	1.821	0.002	2.823	0	-0.0012	0.0018	0.0006
808	8.93	9.13	1	1.8209	0.0019	2.8228	0	-0.0052	0.0013	-0.0039
809	8.91	9.13	1	1.8209	0.0018	2.8227	0	-0.0081	0.002	-0.0061
810	8.88	9.13	1	1.8207	0.0017	2.8224	0	-0.0007	0.002	0.0013
811	8.69	9.12	1	1.8206	0.0016	2.8222	0	0.0011	0.0017	0.0028
812	9.43	9.14	1	1.821	0.0016	2.8226	0	0.0064	0.0001	0.0065
813	9.08	9.14	1	1.8215	0.0015	2.823	0	0.0065	0.0012	0.0077
814	8.6	9.12	1	1.8221	0.0016	2.8237	0	0.0128	0.0017	0.0144
815	9.03	9.09	1	1.8218	0.0017	2.8235	0	0.0223	0.001	0.0233
816	8.85	9.08	1	1.8217	0.0019	2.8235	0	0.0238	0.001	0.0248
817	8.9	9.1	1	1.8216	0.0019	2.8235	0	0.0307	0.0018	0.0325
818	8.98	9.14	1	1.821	0.0019	2.8229	0	0.036	-0.0002	0.0357
819	9.45	9.17	1	1.8208	0.0018	2.8226	0	0.0423	0.0007	0.043
820	9.42	9.2	1	1.8203	0.0015	2.8217	0	0.0439	0.0018	0.0457
821	9.63	9.21	1	1.8203	0.0013	2.8216	0	0.0462	0.0029	0.0491
822	9.17	9.19	1	1.8203	0.0014	2.8216	0	0.0482	0.004	0.0523
823	8.99	9.18	1	1.8203	0.0015	2.8218	0	0.052	0.005	0.057
824	9.07	9.22	1	1.8204	0.0015	2.8219	0	0.0513	0.0052	0.0564
825	9.19	9.22	1	1.8203	0.0014	2.8217	0	0.0554	0.0057	0.0611
826	9.67	9.25	1	1.8201	0.0014	2.8214	0	0.0522	0.0047	0.0569
827	9.65	9.27	1	1.82	0.0015	2.8215	0	0.0469	0.0036	0.0505
828	9.51	9.28	1	1.8198	0.0015	2.8213	0	0.0419	0.003	0.0449
829	9.39	9.28	1	1.8197	0.0014	2.8211	0	0.0323	0.0014	0.0337
830	8.95	9.28	1	1.8198	0.0014	2.8212	0	0.0176	-0.0006	0.017
831	9.1	9.28	1	1.8203	0.0012	2.8216	0	0.0157	-0.001	0.0147
832	8.9	9.29	1	1.8206	0.0011	2.8217	0	0.0137	0.0004	0.0141
833	9.24	9.31	1	1.821	0.0012	2.8222	0	0.0103	0.001	0.0113
834	9.05	9.34	1	1.8217	0.0012	2.8229	0	0.0078	0.0013	0.0092
835	9.54	9.36	1	1.8208	0.0013	2.8221	0	0.0034	0.002	0.0054
836	9.17	9.39	1	1.8208	0.0013	2.8221	0	-0.003	0.0028	-0.0003
837	9.23	9.38	1	1.8208	0.0012	2.8221	0	-0.0034	0.003	-0.0004
838	9.44	9.37	1	1.821	0.0013	2.8223	0	-0.0014	0.003	0.0016
839	9.42	9.4	1	1.8213	0.0013	2.8226	0	0.006	0.0021	0.0081
840	9.61	9.46	1	1.8217	0.0013	2.823	0	0.0002	0.0029	0.0031
841	9.34	9.52	1	1.8215	0.0014	2.8229	0	0.0001	0.004	0.004
842	9.46	9.58	1	1.8215	0.0015	2.823	0	-0.0022	0.0019	-0.0003

843	9.56	9.61	1	1.8222	0.0016	2.8238	0	-0.0063	0.0009	-0.0053
844	9.66	9.64	1	1.8226	0.0017	2.8243	0	-0.0091	0.0012	-0.0078
845	10.1	9.63	1	1.8232	0.0018	2.825	0	0.0005	0.0019	0.0024
846	9.59	9.65	1	1.8229	0.0018	2.8247	0	0.0024	0.002	0.0044
847	9.36	9.68	1	1.8228	0.0018	2.8246	0	0.001	0.0016	0.0026
848	9.79	9.7	1	1.8229	0.0017	2.8246	0	0.0031	0.0021	0.0053
849	10.2	9.7	1	1.8235	0.0016	2.8251	0	0.0054	0.0023	0.0077
850	10.3	9.71	1	1.8231	0.0015	2.8246	0	0.0077	0.002	0.0097
851	9.97	9.76	1	1.8233	0.0015	2.8248	0	0.014	0.0019	0.0158
852	9.77	9.78	1	1.824	0.0014	2.8255	0	0.0121	0.002	0.0141
853	9.57	9.8	1	1.8238	0.0014	2.8252	0	0.0146	0.0029	0.0175
854	9.41	9.78	1	1.8236	0.0014	2.825	0	0.0149	0.0039	0.0189
855	9.58	9.76	1	1.8237	0.0015	2.8252	0	0.018	0.004	0.022
856	9.83	9.78	1	1.824	0.0015	2.8255	0	0.0287	0.0051	0.0337
857	9.78	9.77	1	1.8245	0.0014	2.8259	0	0.0271	0.006	0.0331
858	9.4	9.76	1	1.8249	0.0013	2.8262	0	0.0252	0.0058	0.031
859	9.77	9.74	1	1.8249	0.0013	2.8262	0	0.0221	0.0047	0.0268
860	10.4	9.73	1	1.8247	0.0013	2.826	0	0.0211	0.0036	0.0247
861	9.88	9.7	1	1.8243	0.0014	2.8257	0	0.0211	0.0025	0.0236
862	9.82	9.7	1	1.8238	0.0014	2.8252	0	0.0193	0.002	0.0213
863	9.28	9.73	1	1.823	0.0014	2.8244	0	0.0187	0.002	0.0207
864	9.75	9.79	1	1.822	0.0014	2.8234	0	0.0235	0.0013	0.0248
865	10.1	9.84	1	1.8218	0.0014	2.8232	0	0.0294	0.0018	0.0312
866	9.14	9.85	1	1.8214	0.0013	2.8227	0	0.0238	0.0028	0.0267
867	9.64	9.84	1	1.821	0.0014	2.8224	0	0.0173	0.0048	0.0221
868	9.73	9.83	1	1.8205	0.0013	2.8218	0	0.0145	0.005	0.0195
869	10.2	9.81	1	1.8204	0.0013	2.8217	0	0.0081	0.0049	0.013
870	9.24	9.78	1	1.8203	0.0013	2.8216	0	0.0051	0.0035	0.0086
871	9.79	9.74	1	1.8201	0.0013	2.8214	0	0.0038	0.0012	0.005
872	10.2	9.76	1	1.8201	0.0013	2.8213	0	0.0049	0	0.0049
873	10.6	9.78	1	1.8202	0.0013	2.8215	0	0.0006	0.0008	0.0014
874	10.5	9.74	1	1.82	0.0013	2.8213	0	0.0046	0.002	0.0066
875	9.9	9.69	1	1.8203	0.0013	2.8216	0	0.006	0.002	0.008
876	9.57	9.69	1	1.8202	0.0013	2.8215	0	0.0036	0.001	0.0047
877	9.27	9.69	1	1.8204	0.0013	2.8217	0	0.0058	0.0005	0.0063
878	9.4	9.68	1	1.8209	0.0013	2.8222	0	0.0031	0.0015	0.0047
879	9.7	9.65	1	1.8212	0.0013	2.8225	0	0.0018	0.002	0.0038

880	9.31	9.68	1	1.821	0.0013	2.8223	0	0.0007	0.0014	0.0021
881	10.2	9.66	1	1.8209	0.0013	2.8222	0	0.005	0.001	0.006
882	9.49	9.65	1	1.8208	0.0013	2.8221	0	0.0109	-0.0012	0.0097
883	9.04	9.61	1	1.8207	0.0013	2.8219	0	0.0137	-0.0029	0.0109
884	9.11	9.59	1	1.8206	0.0012	2.8218	0	0.0227	-0.002	0.0207
885	9.22	9.59	1	1.821	0.0012	2.8222	0	0.0271	-0.002	0.0251
886	9.57	9.61	1	1.8212	0.0012	2.8223	0	0.02	0.001	0.021
887	9.52	9.64	1	1.8214	0.0012	2.8226	0	0.0249	0.0007	0.0256
888	9.61	9.68	1	1.8214	0.0012	2.8226	0	0.0263	-0.0009	0.0254
889	9.79	9.67	1	1.8214	0.0011	2.8225	0	0.0304	-0.001	0.0294
890	9.54	9.68	1	1.8215	0.001	2.8225	0	0.0379	-0.001	0.0369
891	10	9.69	1	1.8217	0.0011	2.8228	0	0.0424	-0.001	0.0414
892	9.78	9.71	1	1.8217	0.0012	2.8229	0	0.0382	-0.0003	0.0379
893	10.2	9.73	1	1.8213	0.0013	2.8226	0	0.0377	0.0007	0.0384
894	9.93	9.77	1	1.8207	0.0012	2.822	0	0.0448	0.001	0.0458
895	9.8	9.78	1	1.8203	0.0013	2.8216	0	0.0503	0.0018	0.0521
896	9.93	9.78	1	1.82	0.0013	2.8213	0	0.0583	0.0029	0.0612
897	10.1	9.79	1	1.8194	0.0012	2.8206	0	0.0521	0.003	0.0551
898	9.55	9.78	1	1.8193	0.0013	2.8206	0	0.0538	0.0029	0.0567
899	9.51	9.76	1	1.819	0.0013	2.8203	0	0.0633	0.0018	0.0652
900	10.4	9.76	1	1.8189	0.0014	2.8203	0	0.064	0.0007	0.0647
901	9.81	9.71	1	1.8189	0.0014	2.8203	0	0.0579	0	0.0579
902	9.5	9.69	1	1.8187	0.0014	2.8201	0	0.0572	0	0.0572
903	9.78	9.65	1	1.8188	0.0014	2.8202	0	0.064	-0.0005	0.0635
904	9.41	9.62	1	1.8185	0.0014	2.8199	0	0.0633	-0.001	0.0623
905	9.56	9.6	1	1.818	0.0014	2.8194	0	0.063	-0.001	0.062
906	9.67	9.57	1	1.8182	0.0014	2.8196	0	0.0695	-0.0002	0.0693
907	9.39	9.56	1	1.8185	0.0014	2.8199	0	0.0755	-0.0009	0.0746
908	9.43	9.59	1	1.8187	0.0014	2.8201	0	0.077	-0.002	0.075
909	9.65	9.58	1	1.8188	0.0014	2.8202	0	0.0825	-0.0031	0.0795
910	9	9.52	1	1.8186	0.0014	2.82	0	0.077	-0.004	0.073
911	9.49	9.47	1	1.8186	0.0014	2.82	0	0.082	-0.0038	0.0783
912	9.4	9.46	1	1.8191	0.0014	2.8205	0	0.0783	-0.0033	0.075
913	9.4	9.44	1	1.8191	0.0014	2.8205	0	0.0744	-0.004	0.0704
914	9.34	9.43	1	1.8192	0.0014	2.8206	0	0.0662	-0.004	0.0622
915	9.45	9.42	1	1.8194	0.0014	2.8208	0	0.0565	-0.004	0.0525
916	9.84	9.45	1	1.8199	0.0014	2.8213	0	0.0579	-0.004	0.0539

917	10.2	9.45	1	1.8202	0.0014	2.8216	0	0.0505	-0.0048	0.0457
918	9.37	9.46	1	1.8202	0.0014	2.8216	0	0.0402	-0.0033	0.0369
919	9.23	9.47	1	1.8203	0.0014	2.8217	0	0.0333	-0.0039	0.0293
920	8.9	9.52	1	1.8199	0.0013	2.8212	0	0.0288	-0.004	0.0248
921	9.28	9.54	1	1.8198	0.0013	2.8211	0	0.0254	-0.004	0.0214
922	9.28	9.58	1	1.8202	0.0013	2.8215	0	0.0205	-0.0038	0.0168
923	9.22	9.65	1	1.8199	0.0013	2.8212	0	0.015	-0.003	0.012
924	9.53	9.69	1	1.8198	0.0013	2.8211	0	0.0139	-0.003	0.0109
925	10.1	9.73	1	1.8199	0.0013	2.8212	0	0.0109	-0.003	0.0079
926	9.5	9.73	1	1.8195	0.0013	2.8208	0	0.0136	-0.0024	0.0112
927	9.6	9.7	1	1.8197	0.0013	2.821	0	0.0111	-0.0006	0.0105
928	9.81	9.7	1	1.8196	0.0013	2.8209	0	0.0142	0	0.0142
929	9.94	9.71	1	1.8196	0.0013	2.8209	0	0.0177	0.0009	0.0186
930	9.8	9.77	1	1.8193	0.0013	2.8206	0	0.0169	0.002	0.0189
931	10.3	9.79	1	1.8192	0.0014	2.8206	0	0.0169	0.0029	0.0198
932	10.6	9.81	1	1.8193	0.0014	2.8207	0	0.0147	0.0023	0.017
933	10.2	9.83	1	1.8188	0.0014	2.8202	0	0.0128	0.0037	0.0165
934	10.3	9.85	1	1.819	0.0014	2.8204	0	0.0101	0.0027	0.0127
935	9.84	9.84	1	1.8188	0.0012	2.82	0	0.0047	0.0024	0.0071
936	9.62	9.86	1	1.8183	0.0012	2.8195	0	0.0029	0.003	0.0059
937	9.34	9.88	1	1.8182	0.0013	2.8195	0	0.0048	0.003	0.0078
938	9.49	9.9	1	1.8179	0.0014	2.8193	0	0.0101	0.003	0.0131
939	9.88	9.86	1	1.8175	0.0014	2.8189	0	0.0104	0.0038	0.0142
940	9.68	9.84	1	1.8174	0.0014	2.8188	0	0.0073	0.0031	0.0105
941	9.66	9.81	1	1.8177	0.0014	2.8191	0	0.007	0.003	0.01
942	9.65	9.77	1	1.8178	0.0014	2.8192	0	0.0093	0.0039	0.0132
943	9.95	9.73	1	1.8178	0.0015	2.8192	0	0.0114	0.0026	0.014
944	9.89	9.72	1	1.8176	0.0015	2.8191	0	0.0028	0.0003	0.003
945	9.84	9.72	1	1.8174	0.0015	2.8189	0	-0.0024	-0.0017	-0.0041
946	9.94	9.69	1	1.8176	0.0015	2.8191	0	-0.0119	-0.0006	-0.0124
947	10.3	9.71	1	1.8175	0.0015	2.819	0	-0.0135	0.0011	-0.0125
948	9.17	9.71	1	1.8166	0.0015	2.8181	0	-0.0183	0.002	-0.0163
949	9.33	9.7	1	1.8172	0.0015	2.8187	0	-0.0196	0.0027	-0.0169
950	9.83	9.67	1	1.8174	0.0015	2.8189	0	-0.0159	0.0022	-0.0137
951	9.77	9.68	1	1.8176	0.0015	2.8191	0	-0.0185	0.0029	-0.0156
952	9.52	9.65	1	1.8176	0.0015	2.8191	0	-0.0084	0.0049	-0.0035
953	9.98	9.62	1	1.8175	0.0015	2.819	0	-0.0138	0.004	-0.0099

954	9.81	9.59	1	1.8174	0.0015	2.8189	0	-0.0113	0.0026	-0.0087
955	9.16	9.6	1	1.8168	0.0015	2.8183	0	-0.015	-0.0002	-0.0153
956	9.61	9.59	1	1.8165	0.0016	2.8181	0	-0.0207	-0.001	-0.0217
957	9.6	9.57	1	1.8168	0.0016	2.8184	0	-0.0175	-0.0014	-0.0189
958	9.57	9.61	1	1.8167	0.0016	2.8183	0	-0.006	-0.0015	-0.0075
959	9.23	9.61	1	1.8172	0.0017	2.8189	0	0.0049	-0.001	0.0039
960	9.69	9.57	1	1.8165	0.0017	2.8182	0	0.0116	-0.0003	0.0113
961	9.23	9.55	1	1.8164	0.0017	2.8182	0	0.0155	0	0.0155
962	9.31	9.54	1	1.8164	0.0018	2.8182	0	0.0219	-0.0008	0.0211
963	9.37	9.51	1	1.8163	0.0018	2.8181	0	0.037	-0.001	0.036
964	9.98	9.49	1	1.8164	0.0018	2.8182	0	0.038	-0.001	0.037
965	9.81	9.52	1	1.816	0.0018	2.8178	0	0.0434	-0.001	0.0424
966	9.92	9.51	1	1.8163	0.0018	2.8181	0	0.0477	-0.0008	0.0469
967	9.87	9.49	1	1.817	0.0017	2.8187	0	0.0518	0	0.0518
968	9.41	9.51	1	1.8171	0.0017	2.8188	0	0.0591	0	0.0591
969	9.06	9.52	1	1.8176	0.0017	2.8193	0	0.07	0	0.07
970	9.25	9.52	1	1.8178	0.0017	2.8195	0	0.0698	0.0005	0.0703
971	9.36	9.54	1	1.8181	0.0017	2.8197	0	0.0613	-0.0002	0.061
972	9.5	9.53	1	1.8186	0.0016	2.8202	0	0.0625	-0.0003	0.0621
973	9.46	9.55	1	1.8188	0.0016	2.8204	0	0.0635	0	0.0635
974	9.57	9.57	1	1.819	0.0016	2.8206	0	0.0566	0	0.0566
975	9.43	9.6	1	1.8189	0.0015	2.8205	0	0.0551	0.001	0.056
976	9.19	9.61	1	1.8191	0.0014	2.8205	0	0.0592	0.001	0.0603
977	10.1	9.62	1	1.8189	0.0013	2.8202	0	0.0519	0.002	0.0539
978	9.3	9.64	1	1.8191	0.0012	2.8203	0	0.0484	0.002	0.0504
979	9.74	9.67	1	1.8195	0.0011	2.8206	0	0.0447	0.002	0.0467
980	9.58	9.68	1	1.8194	0.001	2.8204	0	0.0438	0.0024	0.0463
981	9.12	9.7	1	1.8195	0.0011	2.8205	0	0.0407	0.003	0.0437
982	9.84	9.76	1	1.8196	0.0009	2.8205	0	0.0381	0.0037	0.0418
983	10.3	9.76	1	1.8197	0.001	2.8207	0	0.0346	0.004	0.0386
984	10.5	9.77	1	1.8201	0.001	2.8211	0	0.019	0.0048	0.0238
985	10	9.78	1	1.8207	0.0009	2.8216	0	0.0204	0.0059	0.0262
986	10.1	9.84	1	1.8207	0.0009	2.8216	0	0.0123	0.003	0.0154
987	9.75	9.86	1	1.8204	0.0009	2.8213	0	0.0009	0.0041	0.005
988	9.55	9.91	1	1.8204	0.0008	2.8212	0	-0.001	0.0052	0.0042
989	9.56	9.91	1	1.8206	0.0008	2.8214	0	-0.0017	0.006	0.0043
990	9.69	9.91	1	1.8208	0.0007	2.8215	0	-0.0087	0.006	-0.0027

991	10.6	9.97	1	1.8207	0.0007	2.8214	0	-0.0128	0.0056	-0.0072
992	9.55	9.96	1	1.8206	0.001	2.8215	0	-0.0148	0.0046	-0.0102
993	9.6	9.93	1	1.821	0.0013	2.8223	0	-0.0155	0.0035	-0.0121
994	9.67	9.89	1	1.821	0.0014	2.8224	0	-0.0172	0.0031	-0.0141
995	10.3	9.89	1	1.8215	0.0014	2.8229	0	-0.0183	0.003	-0.0153
996	10.5	9.88	1	1.8213	0.0012	2.8225	0	-0.0191	0.003	-0.0161
997	10.2	9.91	1	1.8212	0.001	2.8223	0	-0.0239	0.0039	-0.02
998	9.7	9.95	1	1.8213	0.001	2.8223	0	-0.0269	0.004	-0.0229
999	9.66	9.98	1	1.8206	0.0011	2.8217	0	-0.0349	0.004	-0.0309
1000	10.3	9.99	1	1.8207	0.0011	2.8218	0	-0.0303	0.004	-0.0263
1001	9.54	9.96	1	1.8197	0.0009	2.8206	0	-0.0299	0.0038	-0.0262
1002	9.86	9.98	1	1.82	0.001	2.821	0	-0.0267	0.003	-0.0237
1003	9.75	9.98	1	1.8199	0.0011	2.821	0	-0.0238	0.0034	-0.0203
1004	9.88	9.98	1	1.8201	0.0014	2.8215	0	-0.0183	0.004	-0.0143
1005	10	9.95	1	1.8201	0.0015	2.8216	0	-0.0166	0.004	-0.0126
1006	10.4	9.9	1	1.8199	0.0015	2.8215	0	-0.0213	0.0047	-0.0167
1007	10.3	9.89	1	1.8191	0.0015	2.8206	0	-0.0201	0.0059	-0.0142
1008	10.1	9.89	1	1.8182	0.0015	2.8197	0	-0.0117	0.0052	-0.0066
1009	9.95	9.9	1	1.8177	0.0014	2.8191	0	-0.0125	0.0051	-0.0075
1010	9.96	9.87	1	1.8171	0.0014	2.8185	0	-0.0062	0.006	-0.0002
1011	9.84	9.87	1	1.8164	0.0015	2.8179	0	-0.0091	0.0069	-0.0022
1012	9.75	9.86	1	1.8154	0.0015	2.8169	0	-0.0093	0.0065	-0.0028
1013	9.63	9.84	1	1.8153	0.0015	2.8168	0	-0.0042	0.0083	0.004
1014	9.73	9.81	1	1.8148	0.0015	2.8163	0	0.0015	0.0086	0.0101
1015	9.67	9.81	1	1.8147	0.0015	2.8161	0	0.0062	0.0071	0.0133
1016	9.97	9.75	1	1.8148	0.0014	2.8162	0	0.0089	0.0055	0.0143
1017	9.69	9.7	1	1.8143	0.0014	2.8157	0	0.016	0.0056	0.0217
1018	9.74	9.69	1	1.8132	0.0014	2.8146	0	0.0243	0.0058	0.0301
1019	9.72	9.64	1	1.8133	0.0014	2.8147	0	0.0301	0.0052	0.0353
1020	9.68	9.61	1	1.8138	0.0014	2.8151	0	0.0325	0.005	0.0375
1021	9.5	9.6	1	1.8136	0.0013	2.8149	0	0.0323	0.006	0.0383
1022	9.42	9.58	1	1.8138	0.0013	2.8151	0	0.0374	0.0058	0.0433
1023	9.28	9.57	1	1.8142	0.0013	2.8155	0	0.0446	0.006	0.0506
1024	10.1	9.57	1	1.8143	0.0012	2.8155	0	0.0446	0.006	0.0506
1025	9.34	9.55	1	1.814	0.0012	2.8152	0	0.0485	0.0062	0.0547
1026	9.22	9.52	1	1.8143	0.0011	2.8154	0	0.0546	0.0064	0.061
1027	9.88	9.48	1	1.8148	0.0011	2.8159	0	0.0626	0.0046	0.0672

1028	9.16	9.47	1	1.8151	0.0011	2.8162	0	0.0643	0.004	0.0683
1029	9.36	9.46	1	1.8152	0.0011	2.8163	0	0.0681	0.0041	0.0722
1030	9.52	9.46	1	1.8152	0.001	2.8162	0	0.075	0.004	0.079
1031	9.43	9.49	1	1.8154	0.001	2.8164	0	0.0716	0.0018	0.0734
1032	9.46	9.54	1	1.8158	0.001	2.8168	0	0.0677	0.0024	0.0701
1033	9.71	9.58	1	1.8169	0.0009	2.8178	0	0.067	0.002	0.069
1034	9.21	9.56	1	1.817	0.0008	2.8178	0	0.0671	0.0039	0.071
1035	9.41	9.59	1	1.8176	0.0009	2.8185	0	0.0749	0.0016	0.0765
1036	9.1	9.63	1	1.8183	0.0008	2.8191	0	0.0803	-0.0009	0.0793
1037	9.44	9.62	1	1.8183	0.0008	2.8191	0	0.0753	0.0003	0.0756
1038	9.58	9.64	1	1.8181	0.0008	2.8189	0	0.0731	0.002	0.0751
1039	9.73	9.68	1	1.8184	0.0008	2.8192	0	0.0707	0.0006	0.0712
1040	9.95	9.72	1	1.8187	0.0008	2.8196	0	0.0686	-0.0002	0.0684
1041	10.3	9.76	1	1.8191	0.0009	2.8201	0	0.0664	0	0.0664
1042	10.1	9.81	1	1.8193	0.0011	2.8204	0	0.0668	-0.001	0.0658
1043	9.63	9.84	1	1.8195	0.0012	2.8206	0	0.0652	0.0005	0.0657
1044	9.91	9.88	1	1.8194	0.0012	2.8206	0	0.07	0.0043	0.0743
1045	10.1	9.88	1	1.8193	0.0012	2.8205	0	0.0737	0.0077	0.0814
1046	9.74	9.91	1	1.82	0.0011	2.8212	0	0.0833	0.0085	0.0918
1047	9.58	9.94	1	1.8202	0.0011	2.8213	0	0.085	0.0079	0.093
1048	10.1	9.95	1	1.8201	0.0011	2.8212	0	0.0871	0.0063	0.0934
1049	10.1	9.94	1	1.8202	0.0011	2.8213	0	0.0838	0.005	0.0888
1050	10.3	9.96	1	1.8204	0.0011	2.8215	0	0.0771	0.0052	0.0823
1051	10.3	9.92	1	1.8203	0.0012	2.8215	0	0.0793	0.0033	0.0826
1052	10.3	9.9	1	1.82	0.0012	2.8211	0	0.069	0.0001	0.0691
1053	9.93	9.9	1	1.8193	0.0011	2.8204	0	0.0693	0.0016	0.0709
1054	9.52	9.89	1	1.819	0.0011	2.8201	0	0.0637	0.0034	0.0672
1055	9.57	9.86	1	1.8189	0.001	2.8199	0	0.0655	0.007	0.0725
1056	9.97	9.89	1	1.8185	0.001	2.8195	0	0.0635	0.008	0.0715
1057	9.79	9.91	1	1.818	0.0011	2.8191	0	0.0636	0.0066	0.0702
1058	9.52	9.88	1	1.818	0.0011	2.819	0	0.0525	0.0075	0.06
1059	10.4	9.87	1	1.8178	0.0011	2.8189	0	0.0414	0.008	0.0494
1060	9.61	9.83	1	1.8174	0.001	2.8184	0	0.0329	0.0072	0.0401
1061	9.68	9.78	1	1.8174	0.0011	2.8184	0	0.0315	0.006	0.0375
1062	9.51	9.74	1	1.8168	0.001	2.8178	0	0.0263	0.0068	0.0331
1063	9.7	9.74	1	1.8162	0.0009	2.8171	0	0.0146	0.007	0.0216
1064	9.67	9.71	1	1.8158	0.0011	2.8168	0	0.0089	0.007	0.0159

1065	10.2	9.69	1	1.8151	0.0013	2.8164	0	-0.0006	0.007	0.0064
1066	10	9.67	1	1.8147	0.0012	2.8159	0	-0.0052	0.0068	0.0016
1067	9.55	9.67	1	1.8145	0.0011	2.8157	0	-0.0026	0.006	0.0034
1068	9.97	9.65	1	1.8141	0.0012	2.8153	0	-0.0084	0.0051	-0.0033
1069	9.46	9.6	1	1.8143	0.0012	2.8155	0	-0.0251	0.005	-0.0201
1070	9.49	9.59	1	1.8145	0.0011	2.8156	0	-0.022	0.0044	-0.0176
1071	9.44	9.61	1	1.8143	0.0011	2.8154	0	-0.0187	0.0036	-0.0151
1072	9.9	9.63	1	1.8141	0.001	2.8151	0	-0.0266	0.0029	-0.0238
1073	9.07	9.62	1	1.8143	0.001	2.8153	0	-0.0249	0.0019	-0.023
1074	9.21	9.67	1	1.8141	0.001	2.8151	0	-0.0185	0.0048	-0.0136
1075	9.52	9.66	1	1.8135	0.0009	2.8144	0	-0.021	0.006	-0.015
1076	9.71	9.62	1	1.8129	0.0009	2.8138	0	-0.0274	0.0076	-0.0199
1077	9.25	9.63	1	1.8125	0.0009	2.8134	0	-0.0263	0.009	-0.0172
1078	9.51	9.58	1	1.8123	0.0008	2.8131	0	-0.0248	0.01	-0.0148
1079	9.35	9.54	1	1.812	0.0007	2.8127	0	-0.0217	0.0108	-0.0108
1080	9.98	9.5	1	1.8122	0.0008	2.813	0	-0.0239	0.0106	-0.0133
1081	9.93	9.49	1	1.8127	0.0008	2.8135	0	-0.029	0.01	-0.019
1082	9.45	9.48	1	1.8129	0.0007	2.8136	0	-0.028	0.01	-0.018
1083	10.7	9.5	1	1.8129	0.0006	2.8135	0	-0.0184	0.01	-0.0084
1084	10	9.5	1	1.8127	0.0008	2.8135	0	0.0002	0.0087	0.009
1085	9.36	9.52	1	1.8127	0.001	2.8137	0	0.0093	0.0061	0.0154
1086	9.7	9.51	1	1.8131	0.0009	2.814	0	0.0202	0.0074	0.0275
1087	8.89	9.55	1	1.8131	0.0007	2.8138	0	0.0319	0.007	0.0389
1088	8.85	9.54	1	1.8133	0.0008	2.814	0	0.0341	0.0065	0.0407
1089	8.71	9.56	1	1.8138	0.0008	2.8146	0	0.0311	0.006	0.0371
1090	9.25	9.54	1	1.8142	0.0007	2.8149	0	0.0318	0.006	0.0378
1091	9.61	9.52	1	1.8141	0.0008	2.8149	0	0.0399	0.0064	0.0462
1092	9.53	9.53	1	1.8141	0.0009	2.8149	0	0.0446	0.0074	0.052
1093	9.19	9.47	1	1.8141	0.0008	2.8149	0	0.049	0.0085	0.0575
1094	9.9	9.47	1	1.8136	0.0006	2.8143	0	0.0531	0.0096	0.0627
1095	9.57	9.5	1	1.8132	0.0005	2.8137	0	0.0506	0.007	0.0575
1096	9.99	9.57	1	1.8128	0.0004	2.8132	0	0.0485	0.0064	0.0548
1097	9.32	9.65	1	1.8125	0.0004	2.8129	0	0.0573	0.0081	0.0654
1098	9.74	9.67	1	1.8129	0.0005	2.8134	0	0.0563	0.0074	0.0637
1099	9.59	9.72	1	1.8129	0.0006	2.8135	0	0.0545	0.0056	0.0601
1100	9.54	9.74	1	1.8128	0.0008	2.8136	0	0.0547	0.0055	0.0602
1101	9.59	9.74	1	1.8128	0.0009	2.8137	0	0.052	0.0062	0.0583

1102	9.62	9.76	1	1.8131	0.0008	2.814	0	0.0464	0.007	0.0534
1103	9.92	9.83	1	1.8135	0.0008	2.8143	0	0.0426	0.0066	0.0492
1104	10	9.84	1	1.8135	0.0007	2.8142	0	0.0375	0.006	0.0435
1105	10.9	9.89	1	1.8137	0.0007	2.8144	0	0.0373	0.006	0.0433
1106	10.4	9.9	1	1.8136	0.0009	2.8145	0	0.0376	0.0053	0.043
1107	9.39	9.92	1	1.8139	0.0008	2.8147	0	0.0351	0.0041	0.0392
1108	9.6	9.94	1	1.8141	0.0007	2.8148	0	0.0289	0.0057	0.0346
1109	9.7	9.97	1	1.8144	0.0007	2.8151	0	0.0312	0.0052	0.0365
1110	9.62	9.99	1	1.8139	0.0008	2.8147	0	0.037	0.0063	0.0433
1111	9.86	10	1	1.8138	0.0008	2.8146	0	0.0411	0.0052	0.0464
1112	10.4	10	1	1.814	0.0008	2.8148	0	0.0471	0.0043	0.0514
1113	10.2	10	1	1.8145	0.0008	2.8153	0	0.0443	0.0033	0.0476
1114	10.4	10.1	1	1.8149	0.0008	2.8157	0	0.0357	0.0041	0.0398
1115	10.3	10	1	1.8152	0.0008	2.816	0	0.0348	0.0043	0.0391
1116	9.63	10	1	1.815	0.0008	2.8158	0	0.0291	0.0064	0.0355
1117	10.1	10	1	1.8151	0.0009	2.816	0	0.0275	0.0064	0.0339
1118	10.3	10	1	1.8157	0.0009	2.8166	0	0.0279	0.0053	0.0332
1119	9.94	10	1	1.8156	0.0009	2.8165	0	0.0235	0.0058	0.0293
1120	9.95	10.1	1	1.8156	0.001	2.8166	0	0.0259	0.0063	0.0322
1121	9.83	10.1	1	1.8162	0.001	2.8173	0	0.0339	0.006	0.0399
1122	10.4	10	1	1.8163	0.0011	2.8174	0	0.0298	0.0055	0.0353
1123	10.4	10.1	1	1.8161	0.0008	2.8169	0	0.0279	0.004	0.0319
1124	10.2	10.1	1	1.8164	0.0006	2.8169	0	0.0302	0.0046	0.0348
1125	9.92	10.1	1	1.8167	0.0004	2.8171	0	0.0296	0.0068	0.0364
1126	9.78	10.1	1	1.817	0.0002	2.8171	0	0.0242	0.0062	0.0304
1127	9.81	10.1	1	1.8173	0.0001	2.8174	0	0.019	0.0051	0.0242
1128	9.71	10.1	1	1.8173	0	2.8173	0	0.0099	0.0022	0.012
1129	10.4	10.1	1	1.8176	0	2.8176	0	0.0105	0.002	0.0125
1130	9.48	10.2	1	1.8182	0	2.8182	0	0.0071	-0.0011	0.0059
1131	9.67	10.2	1	1.8182	0	2.8182	0	0.0019	-0.0005	0.0013
1132	10.8	10.2	1	1.8176	0	2.8176	0	0.0051	0.0009	0.006
1133	10.9	10.2	1	1.8168	0	2.8169	0	0.008	0	0.008
1134	10.2	10.2	1	1.8161	0.0002	2.8163	0	0.0074	-0.0029	0.0046
1135	10.6	10.2	1	1.8156	0.0002	2.8158	0	0.0031	-0.0005	0.0026
1136	10.2	10.2	1	1.8151	0.0001	2.8152	0	0.0059	0.0026	0.0085
1137	10.2	10.2	1	1.8149	0.0001	2.815	0	0.0133	0.0017	0.015
1138	10.4	10.2	1	1.815	0.0002	2.8152	0	0.0126	0.0008	0.0134

1139	10.2	10.2	1	1.8152	0.0002	2.8154	0	0.0208	0.0016	0.0224
1140	10	10.2	1	1.8147	0.0002	2.8149	0	0.0212	0.0022	0.0234
1141	10.7	10.2	1	1.8147	0.0002	2.8149	0	0.0293	0.0011	0.0304
1142	10.5	10.2	1	1.8144	0.0002	2.8146	0	0.0257	0.0032	0.0288
1143	10	10.1	1	1.8142	0.0002	2.8144	0	0.0283	0.0042	0.0325
1144	9.64	10.1	1	1.8144	0.0005	2.8149	0	0.0246	0.0036	0.0282
1145	10.4	10.1	1	1.8144	0.0006	2.815	0	0.0177	0.0007	0.0185
1146	9.72	10	1	1.8143	0.0003	2.8146	0	0.0142	0.0005	0.0147
1147	9.53	10	1	1.8145	0.0004	2.8149	0	0.0154	-0.0006	0.0148
1148	9.98	10	1	1.8146	0.0005	2.8151	0	0.0166	-0.0016	0.015
1149	10.2	9.99	1	1.8147	0.0006	2.8153	0	0.0204	0.0006	0.021
1150	9.86	10	1	1.8151	0.0005	2.8156	0	0.0233	0.0016	0.0249
1151	9.74	9.98	1	1.8157	0.0005	2.8162	0	0.0164	0.0018	0.0182
1152	9.56	9.96	1	1.8157	0.0005	2.8162	0	0.0225	0.005	0.0275
1153	10.1	9.96	1	1.8156	0.0005	2.8161	0	0.0282	0.0055	0.0337
1154	10.1	9.97	1	1.8153	0.0005	2.8158	0	0.0286	0.0045	0.0332
1155	9.66	9.93	1	1.8152	0.0005	2.8157	0	0.0234	0.0026	0.026
1156	10.1	9.93	1	1.815	0.0006	2.8156	0	0.0193	0.0034	0.0227
1157	10	9.97	1	1.8151	0.0005	2.8156	0	0.0133	0.0059	0.0192
1158	10	9.97	1	1.8148	0.0006	2.8154	0	0.0157	0.0044	0.0202
1159	10.2	9.97	1	1.8141	0.0005	2.8146	0	0.0203	0.0036	0.0239
1160	10.2	10	1	1.8132	0.0005	2.8137	0	0.0275	0.0034	0.031
1161	10.3	10.1	1	1.8126	0.0007	2.8133	0	0.0272	0.0024	0.0296
1162	10	10.1	1	1.8124	0.0006	2.813	0	0.0257	0.0029	0.0286
1163	9.84	10.1	1	1.8126	0.0005	2.8132	0	0.0233	0.004	0.0273
1164	9.66	10.1	1	1.8123	0.0007	2.8129	0	0.0269	0.004	0.0309
1165	9.67	10.2	1	1.8122	0.0006	2.8129	0	0.0294	0.004	0.0334
1166	10.3	10.1	1	1.812	0.0006	2.8126	0	0.0364	0.004	0.0404
1167	9.88	10.1	1	1.8118	0.0006	2.8124	0	0.0323	0.004	0.0363
1168	10.4	10.1	1	1.8118	0.0006	2.8124	0	0.0356	0.0049	0.0405
1169	10.9	10.1	1	1.8117	0.0006	2.8123	0	0.0434	0.005	0.0484
1170	10.7	10.1	1	1.8112	0.0005	2.8117	0	0.042	0.0051	0.0471
1171	10.2	10.1	1	1.8114	0.0005	2.8119	0	0.0422	0.006	0.0482
1172	10.2	10	1	1.8113	0.0006	2.8119	0	0.0487	0.0057	0.0544
1173	10.4	10	1	1.8113	0.0005	2.8119	0	0.0489	0.0069	0.0558
1174	10.2	10	1	1.8111	0.0003	2.8114	0	0.0385	0.0051	0.0436
1175	9.49	10.1	1	1.8111	0.0003	2.8113	0	0.0419	0.0039	0.0459

1176	9.91	10	1	1.811	0.0004	2.8114	0	0.044	-0.0004	0.0444
1177	9.72	10	1	1.8115	0.0007	2.8122	0	0.049	-0.0022	0.0467
1178	9.61	9.98	1	1.8112	0.0006	2.8119	0	0.0506	-0.0037	0.0469
1179	10.5	9.93	1	1.8113	0.0008	2.8121	0	0.0555	-0.0038	0.0517
1180	9.95	9.87	1	1.812	0.0009	2.8129	0	0.0616	-0.004	0.0576
1181	9.45	9.85	1	1.8122	0.0007	2.8129	0	0.0697	-0.004	0.0657
1182	9.58	9.82	1	1.8121	0.0007	2.8128	0	0.0743	-0.0033	0.0709
1183	9.84	9.78	1	1.8122	0.0009	2.8131	0	0.0705	-0.003	0.0675
1184	9.84	9.76	1	1.8124	0.0008	2.8132	0	0.0662	-0.0017	0.0645
1185	9.55	9.77	1	1.8121	0.0007	2.8128	0	0.0607	0	0.0607
1186	9.72	9.75	1	1.8118	0.0007	2.8125	0	0.0509	-0.0023	0.0487
1187	9.82	9.75	1	1.8118	0.0006	2.8125	0	0.0441	-0.003	0.0411
1188	9.96	9.75	1	1.8112	0.0006	2.8118	0	0.0504	-0.0006	0.0497
1189	9.67	9.69	1	1.8116	0.0006	2.8122	0	0.0498	-0.0012	0.0486
1190	9.75	9.7	1	1.8113	0.0006	2.8119	0	0.047	-0.0025	0.0445
1191	9.6	9.74	1	1.8115	0.0005	2.812	0	0.0338	-0.005	0.0287
1192	9.62	9.76	1	1.8112	0.0005	2.8117	0	0.0277	-0.0066	0.0212
1193	9.84	9.76	1	1.8116	0.0005	2.8121	0	0.0261	-0.0039	0.0221
1194	9.63	9.76	1	1.8119	0.0006	2.8124	0	0.0235	-0.002	0.0215
1195	9.59	9.81	1	1.8117	0.0004	2.8122	0	0.025	0.001	0.0261
1196	9.78	9.84	1	1.8113	0.0005	2.8118	0	0.0258	0.0024	0.0282
1197	9.49	9.85	1	1.8108	0.0006	2.8114	0	0.0281	0.0026	0.0306
1198	9.35	9.83	1	1.8108	0.0004	2.8113	0	0.0316	0.0008	0.0324
1199	10.1	9.83	1	1.8106	0.0004	2.811	0	0.0375	0.0025	0.0399
1200	10.3	9.82	1	1.8111	0.0006	2.8117	0	0.0351	0.0042	0.0393
1201	10	9.81	1	1.8105	0.0004	2.8109	0	0.0449	0.0012	0.0461
1202	9.71	9.82	1	1.8103	0.0003	2.8106	0	0.0525	0.0017	0.0542
1203	10	9.85	1	1.8106	0.0003	2.811	0	0.0493	0.0002	0.0496
1204	10.4	9.86	1	1.8112	0.0005	2.8116	0	0.0502	-0.0005	0.0497
1205	10.3	9.87	1	1.8118	0.0004	2.8121	0	0.0481	0	0.0481
1206	10.2	9.92	1	1.8122	0.0003	2.8125	0	0.0502	0	0.0502
1207	9.59	9.95	1	1.8123	0.0004	2.8126	0	0.0474	0.0002	0.0477
1208	9.61	9.97	1	1.8121	0.0003	2.8124	0	0.0526	-0.0009	0.0517
1209	9.62	9.97	1	1.8116	0.0004	2.812	0	0.0543	-0.0002	0.0541
1210	9.37	9.94	1	1.8112	0.0006	2.8118	0	0.0518	-0.0013	0.0504
1211	9.78	9.93	1	1.8112	0.0005	2.8117	0	0.0461	0.0009	0.047
1212	10.4	9.89	1	1.8116	0.0004	2.812	0	0.0422	0.0035	0.0457

1213	9.81	9.86	1	1.8118	0.0004	2.8122	0	0.0407	0.0034	0.0441
1214	9.85	9.81	1	1.812	0.0004	2.8124	0	0.0399	0.0023	0.0422
1215	10.7	9.78	1	1.8116	0.0004	2.812	0	0.0338	0.0036	0.0374
1216	10.1	9.76	1	1.8118	0.0004	2.8122	0	0.0315	0.0036	0.0351
1217	9.81	9.77	1	1.8116	0.0004	2.812	0	0.0265	0.004	0.0305
1218	10	9.81	1	1.8114	0.0004	2.8118	0	0.0215	0.0034	0.0249
1219	9.76	9.81	1	1.8114	0.0004	2.8118	0	0.0175	0.0051	0.0226
1220	9.72	9.84	1	1.8114	0.0004	2.8118	0	0.0149	0.0057	0.0207
1221	9.05	9.84	1	1.8114	0.0005	2.8119	0	0.0082	0.0024	0.0105
1222	9.32	9.8	1	1.8114	0.0004	2.8118	0	0.009	0.0015	0.0105
1223	9.54	9.79	1	1.8122	0.0003	2.8125	0	0.0113	0.004	0.0153
1224	9.66	9.78	1	1.8122	0.0002	2.8124	0	0.0075	0.0022	0.0096
1225	9.73	9.73	1	1.8123	0.0004	2.8127	0	0.0049	-0.0015	0.0034
1226	9.85	9.72	1	1.8121	0.0004	2.8125	0	0.0043	0.0005	0.0048
1227	10.3	9.69	1	1.8123	0.0005	2.8127	0	0.0056	-0.0002	0.0054
1228	9.69	9.67	1	1.8117	0.0004	2.8121	0	0.0119	0.0022	0.0141
1229	9.92	9.7	1	1.8115	0.0004	2.8119	0	0.0085	0.0026	0.0111
1230	9.75	9.7	1	1.8112	0.0004	2.8116	0	0.0114	0.0041	0.0155
1231	9.63	9.76	1	1.8108	0.0003	2.8111	0	0.0199	0.0041	0.0241
1232	9.72	9.8	1	1.8106	0.0003	2.8109	0	0.0202	0.0024	0.0226
1233	9.6	9.8	1	1.8102	0.0002	2.8104	0	0.0149	0.0045	0.0194
1234	9.7	9.83	1	1.81	0.0002	2.8102	0	0.0129	0.0036	0.0164
1235	9.87	9.85	1	1.8105	0.0004	2.8109	0	0.014	0.0053	0.0193
1236	9.3	9.85	1	1.8106	0.0004	2.811	0	0.0126	0.0032	0.0158
1237	9.74	9.85	1	1.8099	0.0002	2.8101	0	0.0136	0.0015	0.0151
1238	10.3	9.86	1	1.81	0.0003	2.8103	0	0.0144	0.0042	0.0186
1239	9.66	9.9	1	1.8105	0.0005	2.811	0	0.008	0.0032	0.0111
1240	10.2	9.92	1	1.8114	0.0007	2.8121	0	0.0166	0.0013	0.018
1241	10.1	9.93	1	1.8119	0.0009	2.8128	0	0.0125	0.0028	0.0153
1242	9.57	9.96	1	1.8118	0.0006	2.8124	0	0.0113	0.0025	0.0138
1243	10.2	9.98	1	1.8118	0.0004	2.8122	0	0.0083	0.0012	0.0095
1244	10.1	10	1	1.8119	0.0004	2.8123	0	0.0137	0.0007	0.0144
1245	9.73	10	1	1.8119	0.0003	2.8122	0	0.0193	0.0016	0.0208
1246	10.3	10	1	1.8115	0	2.8115	0	0.0198	0.0022	0.022
1247	9.87	10.1	1	1.8114	0.0003	2.8116	0	0.021	0.0026	0.0236
1248	10.7	10	1	1.8109	0.0003	2.8112	0	0.0199	0.0027	0.0225
1249	10.2	10.1	1	1.8112	0.0001	2.8113	0	0.0181	0.0002	0.0183

1250	9.84	10.1	1	1.8107	0.0004	2.811	0	0.0186	-0.0018	0.0168
1251	10.2	10.1	1	1.8104	0.0003	2.8107	0	0.0257	0.0015	0.0273
1252	10.1	10.1	1	1.8108	0.0005	2.8113	0	0.0219	0.0006	0.0225
1253	9.97	10.1	1	1.8106	0.0006	2.8111	0	0.0204	-0.001	0.0194
1254	9.98	10.1	1	1.8105	0.0005	2.811	0	0.0271	-0.0022	0.0249
1255	9.63	10.1	1	1.8101	0.0005	2.8106	0	0.0359	-0.0023	0.0336
1256	10.3	10	1	1.8102	0.0006	2.8108	0	0.0439	-0.0027	0.0412
1257	10.2	10	1	1.8099	0.0006	2.8105	0	0.0465	-0.0046	0.0419
1258	10.3	9.93	1	1.8094	0.0006	2.81	0	0.048	-0.0053	0.0427
1259	10.7	9.89	1	1.809	0.0006	2.8096	0	0.047	-0.0027	0.0442
1260	9.61	9.91	1	1.8086	0.0004	2.809	0	0.0478	-0.0023	0.0455
1261	9.96	9.87	1	1.8084	0.0003	2.8087	0	0.0464	0.0008	0.0472
1262	10.1	9.89	1	1.8083	0.0003	2.8086	0	0.0453	0.0027	0.0479
1263	9.64	9.86	1	1.8086	0.0003	2.8089	0	0.0509	0.0035	0.0544
1264	9.7	9.82	1	1.8089	0.0003	2.8092	0	0.0522	0.0013	0.0535
1265	9.55	9.82	1	1.8091	0.0003	2.8093	0	0.0518	0.0009	0.0527
1266	9.42	9.8	1	1.8093	0.0002	2.8095	0	0.0412	0.0004	0.0416
1267	9.31	9.78	1	1.8096	0.0003	2.8099	0	0.0384	-0.001	0.0374
1268	9.46	9.75	1	1.81	0.0001	2.8101	0	0.0379	-0.0017	0.0362
1269	10.1	9.71	1	1.8102	0	2.8102	0	0.0351	-0.0028	0.0323
1270	9.52	9.74	1	1.8103	0.0003	2.8106	0	0.0306	-0.003	0.0276
1271	10.4	9.73	1	1.8104	0.0004	2.8108	0	0.0325	-0.003	0.0295
1272	9.45	9.7	1	1.8102	0.0002	2.8104	0	0.0361	0.0027	0.0388
1273	9.29	9.7	1	1.8106	0.0003	2.8109	0	0.036	0.0011	0.0371
1274	9.52	9.7	1	1.8107	0.0004	2.8111	0	0.0453	-0.0012	0.0441
1275	10.1	9.71	1	1.8106	0.0002	2.8109	0	0.0429	-0.0037	0.0391
1276	9.75	9.74	1	1.8104	0.0004	2.8108	0	0.0429	-0.0001	0.0428
1277	9.78	9.8	1	1.8103	0.0005	2.8108	0	0.039	0.0018	0.0409
1278	9.87	9.84	1	1.8104	0.0004	2.8107	0	0.0384	0.0017	0.0401
1279	10.1	9.83	1	1.8102	0.0004	2.8106	0	0.0273	0.001	0.0283
1280	9.75	9.85	1	1.81	0.0005	2.8105	0	0.0204	-0.0001	0.0203
1281	9.59	9.83	1	1.8102	0.0005	2.8107	0	0.0144	-0.001	0.0134
1282	9.72	9.86	1	1.8106	0.0003	2.8108	0	0.0121	-0.0003	0.0118
1283	9.58	9.89	1	1.8109	0.0005	2.8114	0	0.0057	-0.0008	0.0049
1284	9.76	9.94	1	1.811	0.0003	2.8113	0	0.0006	-0.0027	-0.0021
1285	9.97	9.97	1	1.8108	0.0004	2.8112	0	-0.0008	-0.0002	-0.001
1286	10.5	9.98	1	1.8104	0.0006	2.811	0	0.0026	-0.0002	0.0024

1287	10.2	10	1	1.8104	0.0002	2.8106	0	0.0059	-0.0006	0.0053
1288	9.92	10	1	1.8104	0.0003	2.8107	0	0.0053	0.0009	0.0062
1289	9.91	10	1	1.81	0.0005	2.8104	0	0.0079	0.0012	0.0091
1290	10	10	1	1.81	0.0003	2.8103	0	0.0148	0.0025	0.0173
1291	9.98	10.1	1	1.8104	0.0003	2.8106	0	0.0232	0.005	0.0282
1292	9.92	10.1	1	1.8104	0.0004	2.8108	0	0.0252	0.0066	0.0317
1293	10.4	10	1	1.8102	0.0004	2.8106	0	0.0226	0.0048	0.0274
1294	10.8	10	1	1.8099	0.0004	2.8103	0	0.0212	0.0031	0.0243
1295	9.98	10	1	1.8098	0.0002	2.81	0	0.024	0.0015	0.0255
1296	10.4	9.97	1	1.8092	0.0002	2.8094	0	0.0241	0.0002	0.0244
1297	9.95	9.95	1	1.8089	0.0003	2.8092	0	0.0186	-0.0007	0.0179
1298	10.1	9.93	1	1.809	0.0004	2.8094	0	0.01	0.0021	0.0121
1299	10.1	9.94	1	1.8087	0.0006	2.8093	0	0.0021	0.0004	0.0025
1300	10.3	9.93	1	1.8086	0.0004	2.809	0	0.0047	0.0008	0.0055
1301	9.56	9.93	1	1.8084	0.0003	2.8087	0	0.0045	0.002	0.0065
1302	9.21	9.93	1	1.8083	0.0004	2.8087	0	0.0044	0.0022	0.0066
1303	9.25	9.9	1	1.8079	0.0006	2.8085	0	0.0074	0.0038	0.0111
1304	9.76	9.83	1	1.8076	0.0007	2.8083	0	0.0121	0.0045	0.0165
1305	9.85	9.81	1	1.8074	0.0006	2.808	0	0.0092	0.0031	0.0123
1306	9.64	9.75	1	1.8076	0.0008	2.8083	0	0.0054	0.0039	0.0093
1307	9.67	9.72	1	1.8075	0.0009	2.8084	0	0.0027	0.004	0.0066
1308	10	9.69	1	1.8074	0.0006	2.808	0	-0.0002	0.0057	0.0055
1309	9.88	9.67	1	1.8068	0.0006	2.8074	0	0.0002	0.0043	0.0044
1310	9.99	9.61	1	1.8066	0.0005	2.807	0	0.0014	0.0059	0.0073
1311	9.85	9.59	1	1.8067	0.0002	2.807	0	0	0.0031	0.0031
1312	9.92	9.6	1	1.8066	0.0001	2.8066	0	-0.0007	0.0028	0.0022
1313	9.42	9.63	1	1.8066	0.0003	2.8068	0	0.0015	0.002	0.0035
1314	9.52	9.6	1	1.8068	0.0003	2.8071	0	0.0028	0.002	0.0048
1315	9.28	9.58	1	1.8074	0.0004	2.8078	0	0.0024	0.002	0.0044
1316	9.34	9.6	1	1.8079	0.0005	2.8084	0	0.004	0.0012	0.0052
1317	9.51	9.6	1	1.8078	0.0006	2.8083	0	0.0099	-0.0004	0.0095
1318	9.67	9.59	1	1.8079	0.0007	2.8086	0	0.019	0.0006	0.0196
1319	9.33	9.58	1	1.8083	0.0007	2.809	0	0.0271	0.0009	0.028
1320	9.18	9.58	1	1.8082	0.0007	2.8089	0	0.0318	-0.0002	0.0316
1321	9.38	9.58	1	1.8078	0.0002	2.808	0	0.0363	0.0002	0.0366
1322	9.85	9.58	1	1.8078	0.0003	2.8081	0	0.0405	0.0032	0.0437
1323	9.09	9.59	1	1.8077	0.0004	2.8081	0	0.0341	-0.0004	0.0337

1324	9.46	9.6	1	1.8079	0.0006	2.8084	0	0.0363	0.0011	0.0374
1325	9.97	9.63	1	1.808	0.0004	2.8084	0	0.0408	0.0053	0.0461
1326	9.74	9.65	1	1.8082	0.0002	2.8084	0	0.0437	0.0023	0.046
1327	9.75	9.66	1	1.8084	0.0003	2.8087	0	0.0412	0.0023	0.0435
1328	9.82	9.68	1	1.809	0.0003	2.8093	0	0.0498	0.0054	0.0552
1329	9.95	9.73	1	1.8094	0.0004	2.8098	0	0.0568	0.0025	0.0593
1330	9.88	9.8	1	1.8097	0.0005	2.8102	0	0.0518	0.0033	0.0551
1331	9.89	9.84	1	1.8096	0.0004	2.8099	0	0.0479	0.0043	0.0522
1332	9.63	9.85	1	1.81	0.0004	2.8104	0	0.0501	0.004	0.0541
1333	9.7	9.91	1	1.8101	0.0005	2.8106	0	0.0556	0.0016	0.0572
1334	9.79	9.95	1	1.8101	0.0002	2.8103	0	0.0573	0.0038	0.0611
1335	9.7	9.96	1	1.8102	0.0004	2.8107	0	0.0577	0.0004	0.0581
1336	9.85	9.99	1	1.8101	0.0005	2.8105	0	0.0591	0.0026	0.0617
1337	10	10	1	1.8093	0.0001	2.8095	0	0.0551	0.0037	0.0588
1338	10.3	10	1	1.8092	0.0002	2.8094	0	0.0552	-0.0024	0.0528
1339	10.4	10	1	1.809	0.0002	2.8092	0	0.0538	0.0014	0.0552
1340	10.2	10	1	1.809	0.0002	2.8092	0	0.0474	0.0008	0.0482
1341	9.92	10	1	1.8094	0.0002	2.8096	0	0.0517	0.0021	0.0538
1342	10.3	10.1	1	1.8095	0.0001	2.8097	0	0.0578	0.0013	0.0591
1343	10.3	10.1	1	1.8097	0.0001	2.8098	0	0.0541	0	0.0541
1344	10.1	10.1	1	1.8095	0.0002	2.8097	0	0.0513	0.0028	0.0541
1345	10.2	10.1	1	1.8094	0.0003	2.8097	0	0.0502	0.0015	0.0517
1346	10.3	10.1	1	1.8097	0.0001	2.8098	0	0.0462	-0.0007	0.0455
1347	9.79	10.1	1	1.8104	0.0001	2.8104	0	0.0357	0.0006	0.0364
1348	9.75	10.1	1	1.8107	0.0003	2.8109	0	0.0262	0.001	0.0272
1349	10.7	10	1	1.8107	0	2.8108	0	0.0262	0.0027	0.029
1350	9.74	10	1	1.8102	0.0002	2.8104	0	0.0232	0.0042	0.0274
1351	9.82	10	1	1.81	0.0001	2.8101	0	0.0169	0.0024	0.0193
1352	10.1	10	1	1.81	0.0001	2.8101	0	0.0062	0.0021	0.0083
1353	9.98	9.99	1	1.8094	0.0001	2.8095	0	0.0031	0.0038	0.0068
1354	9.81	9.99	1	1.8096	0.0002	2.8097	0	-0.0018	0.004	0.0022
1355	9.64	9.97	1	1.8096	0.0001	2.8097	0	-0.0139	0.005	-0.0089
1356	9.99	9.95	1	1.8099	0.0002	2.8101	0	-0.0157	0.0053	-0.0105
1357	9.91	9.96	1	1.8099	0	2.8099	0	-0.0088	0.0047	-0.0041
1358	9.49	9.97	1	1.8094	0.0002	2.8095	0	-0.0128	0.008	-0.0049
1359	10.3	9.93	1	1.8088	0	2.8088	0	-0.0146	0.0055	-0.009
1360	10.6	9.96	1	1.8086	0.0001	2.8087	0	-0.0153	0.003	-0.0123

1361	9.78	9.95	1	1.8085	0	2.8085	0	-0.0101	0.0018	-0.0083
1362	9.65	9.93	1	1.8082	0.0001	2.8083	0	-0.003	-0.0006	-0.0036
1363	10.2	9.93	1	1.8084	0.0001	2.8085	0	0.0043	-0.002	0.0022
1364	9.98	9.93	1	1.8086	0.0001	2.8087	0	0.006	0.0002	0.0061
1365	9.82	9.93	1	1.8087	0.0001	2.8088	0	0.0037	0.0007	0.0044
1366	10	9.94	1	1.8083	0.0002	2.8086	0	0.0111	0.001	0.012
1367	9.86	9.94	1	1.8077	0.0002	2.8079	0	0.0092	0.002	0.0112
1368	10.1	9.96	1	1.8073	0	2.8073	0	0.0012	0.002	0.0032
1369	10.2	9.91	1	1.8071	0	2.8071	0	0.0035	0.0028	0.0063
1370	9.63	9.86	1	1.8067	0.0002	2.8069	0	0.0084	0.0037	0.0122
1371	9.85	9.87	1	1.8064	0.0001	2.8065	0	0.0096	0.004	0.0136
1372	10	9.86	1	1.8068	0.0002	2.807	0	0.0096	-0.0009	0.0087
1373	9.75	9.82	1	1.8069	0.0002	2.8071	0	0.01	0.0001	0.01
1374	9.72	9.81	1	1.8066	-0.0001	2.8065	0	0.0121	0.0012	0.0133
1375	10.1	9.78	1	1.8063	0	2.8063	0	0.016	0.0038	0.0198
1376	9.84	9.75	1	1.8063	0.0002	2.8065	0	0.0077	0.0021	0.0098
1377	9.97	9.7	1	1.8053	-0.0001	2.8053	0	0.0094	0.0004	0.0098
1378	9.29	9.66	1	1.8047	0.0001	2.8048	0	0.0079	0.0007	0.0086
1379	9.69	9.66	1	1.805	0.0001	2.8051	0	0.0152	-0.0014	0.0139
1380	10	9.67	1	1.8052	0	2.8053	0	0.0222	-0.0038	0.0184
1381	9.41	9.67	1	1.8052	0.0001	2.8053	0	0.0229	-0.0102	0.0127
1382	9.44	9.65	1	1.805	0.0001	2.8051	0	0.0206	-0.0147	0.0059
1383	9.71	9.65	1	1.8052	0.0002	2.8053	0	0.0245	-0.0152	0.0093
1384	9.31	9.66	1	1.8052	0.0003	2.8055	0	0.0201	-0.0137	0.0064
1385	9.37	9.62	1	1.8049	0.0001	2.8051	0	0.0185	-0.0158	0.0027
1386	9.03	9.61	1	1.8049	0.0002	2.8051	0	0.0233	-0.0131	0.0102
1387	9.31	9.59	1	1.8049	0.0004	2.8053	0	0.0264	-0.0096	0.0169
1388	9.99	9.6	1	1.805	0.0001	2.8052	0	0.0242	-0.0103	0.0138
1389	9.82	9.6	1	1.8052	0.0004	2.8056	0	0.0307	-0.01	0.0207
1390	10	9.62	1	1.8049	0.0001	2.805	0	0.0356	-0.0099	0.0256
1391	9.54	9.67	1	1.8046	0.0001	2.8047	0	0.0396	-0.0079	0.0317
1392	9.79	9.69	1	1.805	0.0004	2.8053	0	0.0422	-0.007	0.0352
1393	9.87	9.68	1	1.8051	0.0001	2.8052	0	0.0408	-0.0073	0.0335
1394	9.4	9.7	1	1.8049	0.0003	2.8052	0	0.0408	-0.0077	0.0331
1395	9.63	9.71	1	1.8052	0.0003	2.8055	0	0.0399	-0.0048	0.0351
1396	9.53	9.75	1	1.8056	0.0001	2.8058	0	0.0431	-0.0012	0.0419
1397	9.46	9.76	1	1.8062	0.0002	2.8064	0	0.0467	-0.0032	0.0434

1398	9.78	9.74	1	1.8064	0.0001	2.8065	0	0.0541	-0.005	0.0491
1399	10.3	9.74	1	1.8064	0.0002	2.8066	0	0.0538	-0.0027	0.0511
1400	10.4	9.74	1	1.8069	0.0002	2.8071	0	0.0512	-0.0036	0.0476
1401	9.95	9.77	1	1.8077	0.0001	2.8079	0	0.0475	-0.0032	0.0443
1402	9.5	9.77	1	1.808	0	2.808	0	0.0463	-0.0067	0.0396
1403	9.72	9.78	1	1.8081	0.0002	2.8083	0	0.05	-0.004	0.046
1404	9.47	9.81	1	1.809	0.0002	2.8092	0	0.0444	-0.0033	0.0411
1405	9.75	9.84	1	1.809	0.0001	2.8091	0	0.051	-0.0007	0.0503
1406	9.53	9.86	1	1.8085	0.0003	2.8088	0	0.05	-0.0029	0.0471
1407	9.69	9.88	1	1.8088	0.0001	2.8089	0	0.051	-0.0039	0.0471
1408	9.82	9.87	1	1.8088	0.0001	2.8089	0	0.0508	-0.0077	0.0431
1409	9.96	9.88	1	1.8084	0.0003	2.8087	0	0.0468	-0.0051	0.0417
1410	10	9.89	1	1.8076	0.0003	2.8079	0	0.0446	-0.0076	0.037
1411	9.82	9.89	1	1.807	0.0003	2.8073	0	0.0402	-0.0087	0.0314
1412	10.1	9.9	1	1.8061	0.0003	2.8064	0	0.0342	-0.0086	0.0255
1413	10	9.9	1	1.806	0.0003	2.8062	0	0.0315	-0.0083	0.0232
1414	10.1	9.91	1	1.8064	0.0002	2.8066	0	0.0291	-0.0083	0.0208
1415	10	9.91	1	1.8063	0.0003	2.8066	0	0.0292	-0.008	0.0212
1416	9.77	9.92	1	1.807	0.0003	2.8073	0	0.0337	-0.0085	0.0252
1417	9.68	9.94	1	1.8077	0.0004	2.808	0	0.025	-0.0038	0.0212
1418	10.4	9.95	1	1.8075	0.0004	2.8079	0	0.0195	-0.007	0.0125
1419	10.5	9.94	1	1.8075	0.0003	2.8078	0	0.0123	-0.007	0.0053
1420	10	9.92	1	1.8072	0.0003	2.8075	0	0.0036	-0.0057	-0.0021
1421	9.65	9.91	1	1.8068	0.0003	2.8071	0	-0.0027	-0.0024	-0.0051
1422	9.79	9.89	1	1.8068	0.0003	2.8071	0	-0.0057	-0.0027	-0.0084
1423	9.58	9.89	1	1.8065	0.0003	2.8068	0	-0.0003	0.0001	-0.0003
1424	9.68	9.88	1	1.8063	0.0002	2.8065	0	0.0004	-0.0013	-0.0009
1425	9.84	9.86	1	1.8072	0.0002	2.8074	0	-0.0033	-0.0039	-0.0072
1426	10.1	9.86	1	1.8072	0.0002	2.8074	0	-0.0049	-0.0025	-0.0074
1427	9.93	9.85	1	1.8076	0.0002	2.8079	0	-0.0078	-0.0024	-0.0102
1428	9.69	9.8	1	1.8075	0.0004	2.8079	0	-0.0241	-0.0051	-0.0291
1429	9.78	9.74	1	1.8072	0.0008	2.808	0	-0.0309	-0.003	-0.0339
1430	9.53	9.72	1	1.8074	0.0015	2.809	0	-0.0266	-0.0056	-0.0322
1431	9.78	9.72	1	1.8075	0.0018	2.8093	0	-0.016	-0.005	-0.0209
1432	9.9	9.71	1	1.8076	0.0019	2.8095	0	-0.0113	-0.0058	-0.0171
1433	9.89	9.71	1	1.8081	0.0019	2.81	0	-0.0085	-0.008	-0.0165
1434	9.75	9.72	1	1.8082	0.0018	2.81	0	0.0006	-0.0056	-0.0049

1435	9.69	9.72	1	1.8079	0.0017	2.8096	0	0.0078	-0.0073	0.0005
1436	9.5	9.69	1	1.8074	0.0014	2.8088	0	0.0095	-0.0079	0.0017
1437	9.52	9.68	1	1.8069	0.0012	2.8081	0	0.0155	-0.0042	0.0113
1438	9.45	9.67	1	1.8062	0.0012	2.8074	0	0.0239	-0.0009	0.023
1439	9.5	9.68	1	1.8055	0.0012	2.8067	0	0.0348	-0.0007	0.0341
1440	9.72	9.67	1	1.8051	0.001	2.8061	0	0.0375	0.0041	0.0417
1441	9.61	9.66	1	1.8052	0.0009	2.8061	0	0.0341	0.0027	0.0368
1442	9.58	9.63	1	1.8054	0.0008	2.8063	0	0.029	0.0036	0.0325
1443	9.84	9.61	1	1.8056	0.0009	2.8065	0	0.0325	0.0046	0.0372
1444	9.87	9.62	1	1.8055	0.0007	2.8062	0	0.0346	0.0022	0.0368
1445	9.66	9.66	1	1.8051	0.0004	2.8055	0	0.0329	0.0033	0.0362
1446	9.65	9.68	1	1.805	0.0004	2.8054	0	0.0347	0.0027	0.0374
1447	9.59	9.68	1	1.805	0.0006	2.8055	0	0.0434	0.0007	0.0441
1448	9.84	9.7	1	1.8053	0.0005	2.8058	0	0.05	0.0024	0.0524
1449	9.41	9.72	1	1.8056	0.0004	2.806	0	0.0539	0.0029	0.0568
1450	9.55	9.74	1	1.8055	0.0005	2.806	0	0.0541	0.0031	0.0572
1451	9.4	9.75	1	1.8053	0.0008	2.8061	0	0.057	0.003	0.06
1452	9.52	9.76	1	1.8051	0.0005	2.8055	0	0.0655	0.0009	0.0664
1453	9.87	9.76	1	1.8049	0.0004	2.8054	0	0.0644	-0.0008	0.0636
1454	10.4	9.76	1	1.8045	0.0003	2.8047	0	0.0631	0.0006	0.0637
1455	9.86	9.77	1	1.8046	0.0004	2.805	0	0.0711	0.0043	0.0754
1456	9.61	9.76	1	1.8049	0.0006	2.8054	0	0.0745	0.0023	0.0768
1457	9.92	9.75	1	1.8048	0.0008	2.8056	0	0.0673	0.0039	0.0712
1458	9.83	9.77	1	1.8047	0.0007	2.8054	0	0.0691	-0.0001	0.0689
1459	10	9.79	1	1.8044	0.0008	2.8051	0	0.0669	-0.0003	0.0665
1460	9.73	9.82	1	1.8046	0.001	2.8056	0	0.0649	0.0029	0.0678
1461	9.81	9.85	1	1.8051	0.0009	2.806	0	0.0543	0.0022	0.0565
1462	9.82	9.88	1	1.805	0.0009	2.806	0	0.0481	0.0028	0.0509
1463	9.87	9.9	1	1.8055	0.0009	2.8064	0	0.0377	0.0013	0.039
1464	9.97	9.87	1	1.8057	0.0009	2.8066	0	0.0375	0.0005	0.038
1465	9.41	9.87	1	1.8053	0.001	2.8063	0	0.0471	0.0004	0.0475
1466	9.43	9.9	1	1.8058	0.0006	2.8064	0	0.0483	0.0016	0.0499
1467	10.2	9.89	1	1.8058	0.0009	2.8066	0	0.0574	0.003	0.0604
1468	9.85	9.87	1	1.8061	0.0007	2.8068	0	0.0654	0.0042	0.0696
1469	10.1	9.87	1	1.8067	0.0006	2.8073	0	0.0606	0.0044	0.065
1470	9.87	9.85	1	1.807	0.0005	2.8074	0	0.061	0.0026	0.0637
1471	10.2	9.85	1	1.807	0.0003	2.8073	0	0.0618	0.002	0.0638

1472	10.2	9.84	1	1.8068	0.0002	2.807	0	0.0585	0.002	0.0605
1473	9.79	9.84	1	1.8069	0.0003	2.8072	0	0.0589	0.0027	0.0616
1474	9.86	9.84	1	1.8069	0.0003	2.8072	0	0.0544	0.0037	0.0582
1475	10.2	9.87	1	1.8067	0.0003	2.807	0	0.0545	0.0022	0.0567
1476	9.77	9.87	1	1.8071	0.0004	2.8075	0	0.0665	0.002	0.0685
1477	9.57	9.86	1	1.8078	0.0004	2.8082	0	0.0641	0.002	0.0661
1478	9.92	9.86	1	1.8078	0.0004	2.8082	0	0.0678	0.0023	0.0702
1479	9.51	9.83	1	1.8077	0.0006	2.8083	0	0.0599	0.0062	0.0661
1480	9.63	9.84	1	1.8068	0.0005	2.8074	0	0.0556	0.0108	0.0664
1481	9.71	9.83	1	1.8063	0.0007	2.807	0	0.054	0.0153	0.0693
1482	9.84	9.8	1	1.8059	0.0009	2.8068	0	0.0586	0.0183	0.0769
1483	10	9.79	1	1.8051	0.0007	2.8058	0	0.0562	0.0199	0.0761
1484	9.94	9.79	1	1.8044	0.001	2.8054	0	0.0645	0.0176	0.0821
1485	9.56	9.8	1	1.804	0.0009	2.8049	0	0.0593	0.0179	0.0772
1486	9.81	9.81	1	1.8034	0.0006	2.804	0	0.0513	0.0161	0.0675
1487	9.96	9.83	1	1.8025	0.0005	2.803	0	0.0389	0.0143	0.0532
1488	9.54	9.82	1	1.8016	0.0002	2.8018	0	0.0375	0.0145	0.052
1489	9.96	9.83	1	1.8015	0	2.8015	0	0.0274	0.0138	0.0412
1490	10.1	9.83	1	1.8014	-0.0002	2.8013	0	0.0273	0.0108	0.0381
1491	9.66	9.83	1	1.8017	-0.0002	2.8014	0	0.0316	0.0078	0.0394
1492	9.61	9.82	1	1.8017	-0.0001	2.8016	0	0.0353	0.006	0.0413
1493	9.87	9.8	1	1.8016	-0.0001	2.8015	0	0.0393	0.0055	0.0448
1494	10.3	9.74	1	1.8016	-0.0001	2.8015	0	0.0424	0.0053	0.0477
1495	10.1	9.7	1	1.8017	0	2.8017	0	0.041	0.0041	0.0452
1496	9.88	9.67	1	1.8013	0.0001	2.8014	0	0.0408	0.0025	0.0433
1497	9.69	9.64	1	1.8012	0	2.8012	0	0.0413	0.001	0.0423
1498	9.69	9.62	1	1.801	-0.0001	2.8009	0	0.0431	0.0022	0.0453
1499	9.68	9.59	1	1.801	-0.0001	2.8009	0	0.0467	0.0022	0.0489
1500	9.66	9.55	1	1.8012	-0.0001	2.8011	0	0.0499	0.0011	0.051
1501	9.61	9.54	1	1.8012	0	2.8012	0	0.044	0.0026	0.0466
1502	9.65	9.56	1	1.8015	0.0001	2.8016	0	0.0368	0.0058	0.0426
1503	8.81	9.55	1	1.8018	0.0001	2.8019	0	0.0315	0.003	0.0345
1504	8.8	9.5	1	1.8019	-0.0002	2.8016	0	0.025	0.0024	0.0274
1505	9.22	9.48	1	1.8015	-0.0001	2.8014	0	0.0251	0.0015	0.0265
1506	9.41	9.49	1	1.8017	-0.0001	2.8016	0	0.0227	0.003	0.0257
1507	9.15	9.51	1	1.8019	0.0001	2.802	0	0.021	0.0047	0.0257
1508	9.35	9.5	1	1.8021	0.0001	2.8022	0	0.0256	0.006	0.0316

1509	9.3	9.51	1	1.8019	0	2.8019	0	0.0261	0.0049	0.031
1510	9.62	9.51	1	1.8022	0.0001	2.8022	0	0.0209	0.0057	0.0266
1511	9.92	9.51	1	1.8022	0	2.8022	0	0.0281	0.0079	0.0359
1512	9.72	9.54	1	1.8024	0.0001	2.8025	0	0.0359	0.0074	0.0433
1513	9.26	9.61	1	1.8022	0.0002	2.8024	0	0.0351	0.0073	0.0424
1514	9.68	9.67	1	1.8017	0.0002	2.8019	0	0.04	0.0073	0.0473
1515	10.2	9.74	1	1.8015	0.0001	2.8016	0	0.0406	0.007	0.0476
1516	9.94	9.78	1	1.8013	0	2.8013	0	0.0347	0.0079	0.0426
1517	9.66	9.81	1	1.8011	-0.0001	2.8011	0	0.0438	0.0043	0.048
1518	9.85	9.83	1	1.8015	0	2.8014	0	0.0407	0.007	0.0477
1519	9.63	9.88	1	1.8013	0.0001	2.8014	0	0.0436	0.0042	0.0478
1520	9.49	9.88	1	1.801	0.0001	2.8011	0	0.0496	0.0029	0.0525
1521	10.2	9.87	1	1.8009	0.0001	2.801	0	0.048	0.0018	0.0498
1522	10.2	9.87	1	1.8009	0	2.801	0	0.048	0.0004	0.0485
1523	10	9.89	1	1.801	-0.0001	2.801	0	0.0407	-0.0006	0.0401
1524	10.5	9.89	1	1.8008	0	2.8008	0	0.0386	0.0004	0.0391
1525	10.1	9.87	1	1.8006	0	2.8006	0	0.0423	0	0.0423
1526	9.79	9.83	1	1.8008	0	2.8008	0	0.0371	-0.0005	0.0366
1527	9.65	9.85	1	1.8009	0	2.8009	0	0.0403	0.0002	0.0405
1528	10.4	9.83	1	1.8015	-0.0002	2.8013	0	0.0514	0.0013	0.0527
1529	9.57	9.8	1	1.8016	-0.0003	2.8013	0	0.056	0.0009	0.0569
1530	9.75	9.79	1	1.802	0	2.802	0	0.0584	0.0028	0.0612
1531	9.66	9.78	1	1.8017	0	2.8017	0	0.046	0.0048	0.0507
1532	9.72	9.75	1	1.8019	-0.0001	2.8018	0	0.0405	0.0074	0.0479
1533	9.68	9.73	1	1.8017	0.0001	2.8018	0	0.0331	0.0077	0.0408
1534	9.72	9.68	1	1.8023	0	2.8023	0	0.027	0.0037	0.0308
1535	9.23	9.67	1	1.8028	0.0001	2.8029	0	0.0246	0.0053	0.0299
1536	9.95	9.69	1	1.8035	0	2.8035	0	0.0212	0.0063	0.0275
1537	9.4	9.71	1	1.8032	-0.0003	2.8029	0	0.0166	0.0013	0.0179
1538	9.1	9.67	1	1.8034	-0.0002	2.8032	0	0.0116	0.0019	0.0135
1539	9.39	9.69	1	1.8028	0.0001	2.8029	0	0.0087	0.0009	0.0096
1540	9.89	9.69	1	1.8019	0.0002	2.8021	0	0.0188	-0.0021	0.0167
1541	9.69	9.7	1	1.8016	0.0003	2.8019	0	0.0234	-0.0045	0.019
1542	9.65	9.71	1	1.8015	0.0003	2.8018	0	0.0291	-0.0063	0.0228
1543	9.56	9.72	1	1.8014	0.0003	2.8017	0	0.0287	-0.006	0.0228
1544	9.91	9.77	1	1.8014	0.0003	2.8017	0	0.0276	-0.0079	0.0197
1545	10.2	9.85	1	1.8011	0.0002	2.8012	0	0.0242	-0.0058	0.0184

1546	10	9.83	1	1.8009	0.0003	2.8012	0	0.0206	-0.0049	0.0157
1547	9.61	9.84	1	1.8006	0.0004	2.801	0	0.0139	-0.0051	0.0088
1548	10	9.87	1	1.8006	0.0003	2.8009	0	0.0152	-0.0048	0.0104
1549	9.75	9.89	1	1.8006	0.0003	2.8009	0	0.0139	-0.0048	0.0091
1550	9.75	9.86	1	1.8011	0.0002	2.8013	0	0.0145	-0.0059	0.0087
1551	9.95	9.85	1	1.8017	0.0002	2.8019	0	0.017	-0.0042	0.0128
1552	9.79	9.86	1	1.8019	0.0002	2.8021	0	0.0149	-0.0002	0.0147
1553	10.6	9.89	1	1.8024	0.0002	2.8026	0	0.0088	0.0004	0.0092
1554	10.7	9.88	1	1.8019	0.0001	2.8021	0	0.0069	-0.0007	0.0062
1555	9.74	9.87	1	1.8023	0.0001	2.8024	0	0.0077	-0.0064	0.0013
1556	9.54	9.89	1	1.8027	0.0001	2.8028	0	0.003	-0.0085	-0.0056
1557	9.61	9.92	1	1.8022	0.0002	2.8024	0	0.0091	-0.0073	0.0018
1558	9.76	9.91	1	1.8021	0.0002	2.8023	0	0.0156	-0.0059	0.0097
1559	9.33	9.91	1	1.8023	0.0002	2.8025	0	0.0139	-0.0041	0.0097
1560	9.63	9.92	1	1.8018	0.0002	2.802	0	0.0065	-0.005	0.0015
1561	9.8	9.91	1	1.8015	0.0001	2.8016	0	0.0114	-0.0059	0.0054
1562	10.1	9.9	1	1.8015	0.0002	2.8017	0	0.0152	-0.0044	0.0108
1563	9.75	9.87	1	1.8015	0.0002	2.8017	0	0.0182	-0.0022	0.016
1564	9.94	9.82	1	1.8017	0.0002	2.8019	0	0.0105	-0.0037	0.0069
1565	10.4	9.84	1	1.8019	0.0002	2.8021	0	0.0031	-0.0031	0
1566	10.2	9.87	1	1.8014	0.0002	2.8016	0	-0.0018	-0.0005	-0.0023
1567	9.68	9.9	1	1.8017	0.0002	2.8019	0	-0.0052	-0.002	-0.0072
1568	9.86	9.96	1	1.8017	0.0003	2.802	0	-0.0011	-0.0046	-0.0057
1569	9.82	9.99	1	1.8017	0.0003	2.802	0	0.0074	-0.0072	0.0003
1570	9.86	10	1	1.8022	0.0003	2.8025	0	0.0102	-0.0055	0.0047
1571	9.62	10.1	1	1.8022	0.0003	2.8025	0	0.0128	-0.0054	0.0075
1572	9.97	10.1	1	1.8027	0.0003	2.803	0	0.0155	-0.0053	0.0102
1573	9.89	10.1	1	1.803	0.0003	2.8033	0	0.013	-0.0065	0.0065
1574	10.2	10.1	1	1.8027	0.0003	2.803	0	0.0055	-0.0085	-0.0031
1575	10	10	1	1.803	0.0003	2.8033	0	-0.0016	-0.0074	-0.009
1576	10.1	10	1	1.803	0.0004	2.8034	0	-0.002	-0.0044	-0.0064
1577	10.9	10.1	1	1.8026	0.0003	2.8029	0	0.0032	-0.0031	0.0002
1578	9.92	10.1	1	1.8022	0.0003	2.8025	0	0.0069	-0.004	0.0029
1579	10.6	10.2	1	1.8018	0.0004	2.8022	0	0.0143	-0.0068	0.0075
1580	10.4	10.2	1	1.8022	0.0001	2.8023	0	0.0159	-0.0079	0.008
1581	9.87	10.2	1	1.8022	-0.0001	2.8022	0	0.0248	-0.0051	0.0198
1582	9.71	10.2	1	1.8026	0.0001	2.8027	0	0.0231	-0.005	0.0181

1583	10	10.2	1	1.8024	0.0003	2.8028	0	0.0296	-0.0069	0.0228
1584	10.1	10.2	1	1.8019	0.0005	2.8024	0	0.035	-0.0051	0.0299
1585	10.1	10.1	1	1.8018	0.0003	2.8021	0	0.0339	-0.0059	0.0279
1586	10.4	10.1	1	1.8017	0.0005	2.8022	0	0.0401	-0.0048	0.0353
1587	10.8	10	1	1.8013	0.0003	2.8017	0	0.0431	-0.0052	0.038
1588	10.6	10	1	1.8007	0.0001	2.8008	0	0.0394	-0.0089	0.0305
1589	9.96	9.95	1	1.7996	0.0002	2.7998	0	0.0438	-0.0095	0.0343
1590	9.73	9.9	1	1.7991	0.0003	2.7994	0	0.0351	-0.0059	0.0292
1591	10.1	9.87	1	1.7988	0.0004	2.7992	0	0.0267	-0.0049	0.0218
1592	9.94	9.86	1	1.7988	0.0005	2.7993	0	0.025	-0.0044	0.0206
1593	9.7	9.83	1	1.7989	0.0007	2.7996	0	0.0241	-0.005	0.0191
1594	9.83	9.77	1	1.7992	0.0005	2.7997	0	0.0223	-0.0052	0.0171
1595	9.24	9.71	1	1.7996	0.0005	2.8001	0	0.0256	-0.0063	0.0193
1596	9.21	9.66	1	1.7999	0.0006	2.8005	0	0.0255	-0.0088	0.0166
1597	9.71	9.57	1	1.7997	0.0004	2.8002	0	0.0298	-0.0076	0.0222
1598	9.74	9.51	1	1.7996	0.0003	2.8	0	0.0285	-0.0074	0.0211
1599	9.34	9.44	1	1.7996	0.0004	2.8	0	0.0264	-0.0074	0.0191
1600	9.26	9.39	1	1.7995	0.0003	2.7998	0	0.0249	-0.0064	0.0185
1601	9.54	9.35	1	1.7997	0.0001	2.7997	0	0.0314	-0.0059	0.0254
1602	9.51	9.32	1	1.8006	0.0001	2.8007	0	0.039	-0.0053	0.0337
1603	8.96	9.32	1	1.8011	0.0002	2.8013	0	0.0401	-0.0043	0.0358
1604	9.04	9.31	1	1.8011	0.0004	2.8015	0	0.0434	-0.004	0.0394
1605	9.32	9.33	1	1.8012	0.0007	2.8019	0	0.0336	-0.0049	0.0287
1606	9.12	9.36	1	1.8008	0.0006	2.8015	0	0.0365	-0.005	0.0315
1607	9.36	9.37	1	1.8003	0.0007	2.801	0	0.0376	-0.005	0.0326
1608	8.79	9.39	1	1.8007	0.0005	2.8012	0	0.0319	-0.004	0.0279
1609	8.76	9.42	1	1.8012	0.0005	2.8018	0	0.0294	-0.004	0.0254
1610	9.29	9.47	1	1.801	0.0007	2.8017	0	0.0264	-0.004	0.0224
1611	9.38	9.52	1	1.8007	0.0005	2.8011	0	0.0177	-0.0043	0.0134
1612	9.79	9.56	1	1.8005	0.0004	2.8009	0	0.0174	-0.0046	0.0128
1613	9.53	9.64	1	1.8011	0.0006	2.8017	0	0.0205	-0.002	0.0185
1614	9.61	9.72	1	1.8014	0.0005	2.8019	0	0.0177	-0.0029	0.0148
1615	9.74	9.77	1	1.8017	0.0002	2.8018	0	0.0168	-0.002	0.0148
1616	9.92	9.84	1	1.8018	0.0002	2.802	0	0.0176	-0.002	0.0156
1617	10.2	9.9	1	1.8012	0.0004	2.8016	0	0.0167	-0.0023	0.0144
1618	9.91	9.97	1	1.8007	0.0007	2.8014	0	0.0213	-0.0018	0.0195
1619	10.2	10.1	1	1.8003	0.0006	2.8009	0	0.0231	0.0017	0.0248

1620	10.4	10.1	1	1.7997	0.0006	2.8004	0	0.0255	-0.0013	0.0268
1621	10.3	10.2	1	1.7994	0.0006	2.8	0	0.0292	-0.0004	0.0289
1622	10.5	10.2	1	1.7997	0.0007	2.8003	0	0.028	-0.0025	0.0255
1623	10.6	10.2	1	1.8005	0.0008	2.8013	0	0.0316	-0.0038	0.0278
1624	10.2	10.2	1	1.801	0.0007	2.8017	0	0.0387	-0.002	0.0367
1625	10.5	10.2	1	1.8008	0.0004	2.8012	0	0.043	-0.0029	0.0401
1626	10.5	10.3	1	1.8005	0.0003	2.8008	0	0.0504	-0.0035	0.0469
1627	10.1	10.3	1	1.8002	0.0004	2.8006	0	0.0509	-0.002	0.0489
1628	10.2	10.3	1	1.8001	0.0005	2.8006	0	0.0477	-0.003	0.0447
1629	10	10.3	1	1.8001	0.0005	2.8006	0	0.0467	-0.0029	0.0438
1630	10.6	10.2	1	1.7996	0.0005	2.8001	0	0.0431	-0.0003	0.0429
1631	9.76	10.3	1	1.7993	0.0005	2.7998	0	0.0429	-0.0003	0.0427
1632	10.2	10.3	1	1.799	0.0006	2.7996	0	0.0392	-0.0011	0.0381
1633	10.4	10.3	1	1.7982	0.0006	2.7988	0	0.0416	-0.0008	0.0407
1634	9.92	10.3	1	1.7989	0.0006	2.7995	0	0.0447	-0.0001	0.0445
1635	10.3	10.2	1	1.7988	0.0006	2.7994	0	0.0391	-0.0005	0.0385
1636	10.4	10.2	1	1.7992	0.0005	2.7997	0	0.0367	-0.003	0.0337
1637	9.94	10.2	1	1.7992	0.0006	2.7998	0	0.0386	-0.0013	0.0373
1638	9.78	10.2	1	1.799	0.0008	2.7998	0	0.0357	-0.0026	0.0331
1639	10.2	10.2	1	1.7992	0.0007	2.7999	0	0.0336	-0.0047	0.0289
1640	10.8	10.2	1	1.7992	0.0007	2.7999	0	0.0263	-0.0033	0.023
1641	10.5	10.2	1	1.7991	0.0007	2.7999	0	0.0196	-0.0041	0.0154
1642	10.3	10.2	1	1.7991	0.0008	2.7999	0	0.0184	-0.0001	0.0183
1643	10.2	10.2	1	1.7991	0.0008	2.8	0	0.0222	-0.0003	0.022
1644	10.1	10.2	1	1.7988	0.0009	2.7997	0	0.0226	0.0003	0.0229
1645	10.3	10.1	1	1.7985	0.001	2.7996	0	0.0192	0	0.0192
1646	10.3	10.1	1	1.7979	0.0011	2.799	0	0.0203	-0.0008	0.0195
1647	10	10.1	1	1.7978	0.0011	2.7989	0	0.0197	-0.0014	0.0183
1648	10	10.1	1	1.7979	0.001	2.799	0	0.0226	-0.0021	0.0205
1649	10	10.1	1	1.7981	0.0009	2.7991	0	0.0252	-0.0042	0.021
1650	9.87	10.1	1	1.7979	0.0008	2.7987	0	0.0245	-0.0041	0.0204
1651	10.3	10.1	1	1.7977	0.0007	2.7985	0	0.0237	-0.0063	0.0174
1652	9.84	10	1	1.7979	0.0006	2.7985	0	0.023	-0.0095	0.0136
1653	9.71	10	1	1.7981	0.0006	2.7987	0	0.0286	-0.0094	0.0192
1654	9.56	10	1	1.7986	0.0006	2.7992	0	0.0292	-0.0072	0.022
1655	9.84	9.97	1	1.7987	0.0006	2.7993	0	0.0269	-0.0027	0.0242
1656	10.4	9.94	1	1.799	0.0006	2.7996	0	0.024	0.0013	0.0253

1657	9.93	9.92	1	1.799	0.0006	2.7996	0	0.015	-0.0011	0.0139
1658	10	9.92	1	1.7991	0.0006	2.7997	0	0.0098	-0.0017	0.008
1659	9.97	9.89	1	1.7996	0.0006	2.8002	0	0.0143	-0.0052	0.0091
1660	10.3	9.9	1	1.8	0.0006	2.8006	0	0.0182	-0.0066	0.0117
1661	9.55	9.9	1	1.7997	0.0006	2.8003	0	0.0156	-0.0045	0.0111
1662	10.1	9.9	1	1.7995	0.0004	2.7999	0	0.0194	-0.0032	0.0162
1663	10.4	9.91	1	1.7997	0.0005	2.8002	0	0.0275	-0.0018	0.0258
1664	9.26	9.93	1	1.8	0.0004	2.8004	0	0.0359	-0.0002	0.0356
1665	9.61	9.93	1	1.8001	0.0004	2.8005	0	0.0421	-0.0009	0.0412
1666	9.8	9.9	1	1.7998	0.0004	2.8002	0	0.0481	-0.0015	0.0466
1667	9.93	9.89	1	1.7996	0.0004	2.7999	0	0.0564	-0.0031	0.0533
1668	9.39	9.89	1	1.7994	0.0001	2.7995	0	0.0477	-0.0016	0.0461
1669	10.1	9.9	1	1.7992	0.0002	2.7994	0	0.043	0.0037	0.0467
1670	10.4	9.87	1	1.7992	0.0003	2.7996	0	0.0405	0.0027	0.0431
1671	9.8	9.88	1	1.7994	0.0005	2.7999	0	0.0378	0.0017	0.0394
1672	9.96	9.85	1	1.7996	0.0007	2.8002	0	0.0383	0.0019	0.0402
1673	9.94	9.81	1	1.7992	0.0005	2.7997	0	0.0436	0.0026	0.0462
1674	9.81	9.84	1	1.7984	0.0006	2.799	0	0.0513	0.0048	0.0561
1675	9.81	9.88	1	1.798	0.0006	2.7986	0	0.0563	0.0051	0.0614
1676	9.71	9.92	1	1.7979	0.0006	2.7985	0	0.0534	0.0034	0.0568
1677	10.1	9.93	1	1.7979	0.0006	2.7985	0	0.051	0.0038	0.0548
1678	10.1	9.93	1	1.7975	0.0006	2.7981	0	0.0485	0.0034	0.0519
1679	9.79	9.92	1	1.7975	0.0004	2.7979	0	0.0442	0.0015	0.0457
1680	9.7	9.91	1	1.7979	0.0001	2.798	0	0.0391	0.0002	0.0393
1681	9.65	9.9	1	1.7983	0.0001	2.7984	0	0.0331	0.0009	0.0339
1682	9.61	9.87	1	1.7984	0.0002	2.7986	0	0.0337	0.002	0.0356
1683	9.76	9.88	1	1.7979	0.0004	2.7983	0	0.0292	0.002	0.0312
1684	10.5	9.86	1	1.798	0.0005	2.7986	0	0.0215	0.0051	0.0265
1685	10.4	9.85	1	1.7982	0.0006	2.7988	0	0.0187	0.0063	0.025
1686	10.1	9.85	1	1.7979	0.0006	2.7985	0	0.0186	0.0073	0.0259
1687	9.55	9.82	1	1.7977	0.0006	2.7983	0	0.0204	0.0045	0.0248
1688	9.82	9.78	1	1.7973	0.0006	2.7979	0	0.021	0.0043	0.0253
1689	10.1	9.77	1	1.797	0.0005	2.7975	0	0.0224	0.0077	0.0301
1690	9.55	9.77	1	1.7971	0.0007	2.7978	0	0.0247	0.0093	0.034
1691	9.51	9.77	1	1.7969	0.0004	2.7973	0	0.0247	0.0086	0.0334
1692	10	9.76	1	1.7966	0.0005	2.7972	0	0.0296	0.006	0.0356
1693	9.48	9.75	1	1.7966	0.0007	2.7973	0	0.0299	0.0053	0.0351

1694	9.65	9.71	1	1.7973	0.0005	2.7978	0	0.0282	0.0044	0.0326
1695	9.65	9.65	1	1.7976	0.0006	2.7982	0	0.0249	0.0054	0.0303
1696	9.44	9.63	1	1.7979	0.0007	2.7986	0	0.0233	0.0065	0.0298
1697	9.54	9.63	1	1.7975	0.0006	2.7981	0	0.0142	0.007	0.0212
1698	9.61	9.65	1	1.7971	0.0008	2.7979	0	0.0131	0.0067	0.0198
1699	9.6	9.68	1	1.7971	0.0009	2.798	0	0.0148	0.0054	0.0202
1700	9.73	9.72	1	1.7971	0.001	2.7981	0	0.0178	0.0044	0.0222
1701	9.3	9.76	1	1.7974	0.001	2.7984	0	0.0121	0.0033	0.0155
1702	9.6	9.77	1	1.7978	0.001	2.7988	0	0.0093	0.0026	0.0118
1703	9.65	9.8	1	1.7982	0.0009	2.7991	0	0.0106	0.0023	0.0129
1704	9.44	9.84	1	1.7984	0.0007	2.7991	0	0.0095	0.002	0.0115
1705	9.65	9.87	1	1.7988	0.0006	2.7994	0	0.0106	0.0024	0.0129
1706	9.62	9.94	1	1.7993	0.0007	2.8001	0	0.0086	0.0021	0.0108
1707	10.2	9.98	1	1.7993	0.0009	2.8002	0	0.0138	0.001	0.0148
1708	10.6	10	1	1.7993	0.001	2.8003	0	0.0171	0.0026	0.0197
1709	10.4	10.1	1	1.7994	0.0012	2.8006	0	0.0208	0.0058	0.0266
1710	10.2	10.1	1	1.7994	0.0011	2.8006	0	0.0241	0.007	0.0311
1711	10.4	10.1	1	1.7987	0.0008	2.7995	0	0.0323	0.0078	0.0401
1712	10.1	10.1	1	1.7978	0.0005	2.7983	0	0.0334	0.0079	0.0413
1713	10.3	10.1	1	1.7976	0.0006	2.7981	0	0.0372	0.0052	0.0423
1714	10.3	10.2	1	1.7972	0.0006	2.7978	0	0.0475	0.005	0.0525
1715	10.7	10.2	1	1.7969	0.0003	2.7972	0	0.0456	0.003	0.0487
1716	10.4	10.2	1	1.7962	0.0005	2.7967	0	0.0484	0.002	0.0504
1717	10.1	10.2	1	1.7964	0.0006	2.797	0	0.056	0.0003	0.0563
1718	10.5	10.2	1	1.7964	0.0003	2.7967	0	0.0512	0	0.0512
1719	10.1	10.2	1	1.7963	0.0003	2.7966	0	0.0527	-0.0012	0.0515
1720	10.1	10.1	1	1.796	0.0005	2.7964	0	0.0505	-0.0025	0.048
1721	9.54	10.1	1	1.7956	0.0004	2.796	0	0.0527	-0.0011	0.0515
1722	9.71	10.1	1	1.7953	0.0004	2.7957	0	0.0569	0.0032	0.0601
1723	10.1	10	1	1.7954	0.0003	2.7957	0	0.0571	0.0033	0.0604
1724	10.1	9.98	1	1.7954	0.0002	2.7956	0	0.0511	0	0.0511
1725	10	9.92	1	1.7955	0.0001	2.7956	0	0.0446	0.0009	0.0455
1726	10.4	9.89	1	1.7954	-0.0001	2.7953	0	0.0435	0.0008	0.0443
1727	10.4	9.86	1	1.7953	0.0001	2.7954	0	0.0419	-0.001	0.0409
1728	9.76	9.81	1	1.7956	0.0003	2.796	0	0.0382	-0.001	0.0372
1729	9.72	9.8	1	1.7961	0.0005	2.7966	0	0.0384	-0.0005	0.0379
1730	9.89	9.76	1	1.7962	0.0004	2.7967	0	0.0418	-0.0027	0.0391

1731	9.42	9.77	1	1.796	0.0003	2.7963	0	0.0407	-0.0035	0.0372
1732	9.16	9.78	1	1.796	0.0004	2.7964	0	0.0417	-0.0003	0.0414
1733	9.31	9.74	1	1.796	0.0001	2.7961	0	0.0431	0.0046	0.0477
1734	9.7	9.72	1	1.797	0	2.797	0	0.0314	0.0048	0.0362
1735	9.7	9.71	1	1.7969	-0.0002	2.7968	0	0.0273	0.0038	0.031
1736	9.47	9.67	1	1.7972	0.0001	2.7972	0	0.0236	0.0024	0.026
1737	9.61	9.66	1	1.7971	0.0002	2.7973	0	0.014	0.0028	0.0168
1738	9.89	9.68	1	1.7968	0	2.7968	0	0.0093	0.003	0.0123
1739	9.38	9.7	1	1.7968	-0.0002	2.7965	0	-0.0002	0.003	0.0028
1740	9.71	9.71	1	1.7968	-0.0002	2.7966	0	-0.0098	0.0021	-0.0077
1741	9.9	9.73	1	1.7962	0.0001	2.7963	0	-0.0083	0.006	-0.0023
1742	9.41	9.76	1	1.7961	0.0003	2.7964	0	-0.0193	0.0037	-0.0156
1743	9.65	9.77	1	1.7963	0.0004	2.7967	0	-0.023	0.0017	-0.0213
1744	9.93	9.79	1	1.7963	0.0004	2.7967	0	-0.0209	0.0071	-0.0138
1745	9.75	9.81	1	1.7962	0.0004	2.7966	0	-0.0095	0.0078	-0.0017
1746	10.1	9.82	1	1.7964	0.0004	2.7968	0	0.0023	0.0074	0.0096
1747	10.2	9.82	1	1.7965	0.0004	2.7969	0	0.0131	0.0068	0.0199
1748	10.1	9.8	1	1.7965	0.0005	2.797	0	0.0141	0.0042	0.0183
1749	10	9.84	1	1.7964	0.0005	2.7969	0	0.0105	0.0035	0.014
1750	9.89	9.84	1	1.7967	0.0005	2.7972	0	0.0156	0.0056	0.0212
1751	9.58	9.83	1	1.7968	0.0005	2.7973	0	0.022	0.0075	0.0296
1752	9.65	9.83	1	1.7968	0.0004	2.7972	0	0.0253	0.0081	0.0333
1753	9.94	9.84	1	1.7971	0.0004	2.7975	0	0.0294	0.0082	0.0375
1754	10.1	9.85	1	1.7975	0.0004	2.7979	0	0.034	0.0071	0.0411
1755	9.72	9.85	1	1.7978	0.0004	2.7982	0	0.0365	0.005	0.0415
1756	9.56	9.83	1	1.7976	0.0005	2.7981	0	0.0411	0.0042	0.0453
1757	9.57	9.81	1	1.7973	0.0003	2.7977	0	0.0472	0.0057	0.0529
1758	10.1	9.79	1	1.7971	0	2.7971	0	0.0476	0.0072	0.0548
1759	9.74	9.78	1	1.7972	-0.0001	2.7971	0	0.048	0.009	0.057
1760	9.59	9.77	1	1.7968	-0.0002	2.7966	0	0.0497	0.0106	0.0603
1761	9.58	9.78	1	1.7964	-0.0002	2.7962	0	0.0506	0.0103	0.061
1762	9.67	9.79	1	1.7957	-0.0001	2.7956	0	0.0432	0.0065	0.0497
1763	10.2	9.77	1	1.7949	0	2.7949	0	0.0328	0.0037	0.0366
1764	9.65	9.75	1	1.7954	0.0001	2.7955	0	0.0307	0.0044	0.0351
1765	9.78	9.76	1	1.7952	0.0002	2.7954	0	0.0266	0.0047	0.0313
1766	9.94	9.79	1	1.7942	0.0004	2.7946	0	0.0231	0.0012	0.0243
1767	9.76	9.81	1	1.7944	0.0004	2.7948	0	0.0152	0.0036	0.0188

1768	9.73	9.8	1	1.7942	0.0002	2.7944	0	0.0188	0.0044	0.0232
1769	9.71	9.79	1	1.7941	0.0004	2.7946	0	0.0188	0.0012	0.02
1770	9.77	9.78	1	1.794	0.0004	2.7944	0	0.0172	0.0018	0.019
1771	9.78	9.8	1	1.7937	0.0002	2.7939	0	0.0134	0.0034	0.0168
1772	9.71	9.82	1	1.7938	0.0004	2.7942	0	0.0086	0.003	0.0116
1773	9.76	9.77	1	1.7941	0.0005	2.7946	0	0.0051	0.0028	0.0079
1774	9.81	9.78	1	1.7939	0.0005	2.7944	0	0.0059	0.0013	0.0072
1775	10.1	9.76	1	1.7937	0.0006	2.7942	0	0.006	0.0001	0.0061
1776	10	9.73	1	1.7938	0.0007	2.7945	0	0.0075	-0.0013	0.0062
1777	9.81	9.73	1	1.794	0.0007	2.7947	0	0.0065	-0.0037	0.0028
1778	9.55	9.71	1	1.7937	0.0007	2.7944	0	0.0058	-0.002	0.0038
1779	9.45	9.72	1	1.7933	0.0006	2.794	0	0.0103	0.002	0.0123
1780	9.96	9.72	1	1.7939	0.0004	2.7943	0	0.0176	0.0039	0.0215
1781	10	9.71	1	1.7942	0.0001	2.7942	0	0.0194	0.0031	0.0224
1782	9.33	9.72	1	1.7941	-0.0003	2.7938	0	0.0156	0.0015	0.0172
1783	9.69	9.75	1	1.7948	-0.0001	2.7947	0	0.017	0.0029	0.02
1784	9.46	9.76	1	1.7953	0.0002	2.7955	0	0.0172	-0.0016	0.0155
1785	9.46	9.77	1	1.7958	0.0004	2.7962	0	0.0322	-0.0035	0.0287
1786	9.68	9.77	1	1.7965	0.0003	2.7968	0	0.0311	-0.0055	0.0257
1787	9.28	9.78	1	1.7968	0.0003	2.7971	0	0.0357	-0.0023	0.0334
1788	9.98	9.82	1	1.7973	0.0003	2.7976	0	0.0354	-0.0005	0.0349
1789	9.79	9.88	1	1.7979	0.0003	2.7982	0	0.0305	-0.0032	0.0273
1790	9.61	9.9	1	1.798	0.0001	2.7981	0	0.031	-0.0071	0.0239
1791	9.85	9.88	1	1.7989	0	2.7989	0	0.0314	-0.0061	0.0254
1792	10.2	9.92	1	1.7989	0.0004	2.7993	0	0.0219	-0.0011	0.0207
1793	10	9.99	1	1.7987	-0.0001	2.7986	0	0.0212	0.0012	0.0224
1794	10.3	10.1	1	1.7982	-0.0003	2.798	0	0.0251	0.0035	0.0286
1795	10.2	10.1	1	1.7974	-0.0001	2.7972	0	0.0255	0.0036	0.0291
1796	10	10.2	1	1.7966	0	2.7966	0	0.0233	0.0036	0.0269
1797	10.3	10.2	1	1.796	0.0002	2.7963	0	0.0288	0.0037	0.0326
1798	10.6	10.2	1	1.796	0.0004	2.7964	0	0.0299	0.0043	0.0342
1799	10.3	10.2	1	1.7955	0.0003	2.7958	0	0.0304	0.0058	0.0361
1800	9.71	9.71	1	1.7949	0.0002	2.7951	0	0.0287	0.0059	0.0346