

00010000

ALSTOM

RESULT - MEXICO L12

Revision History

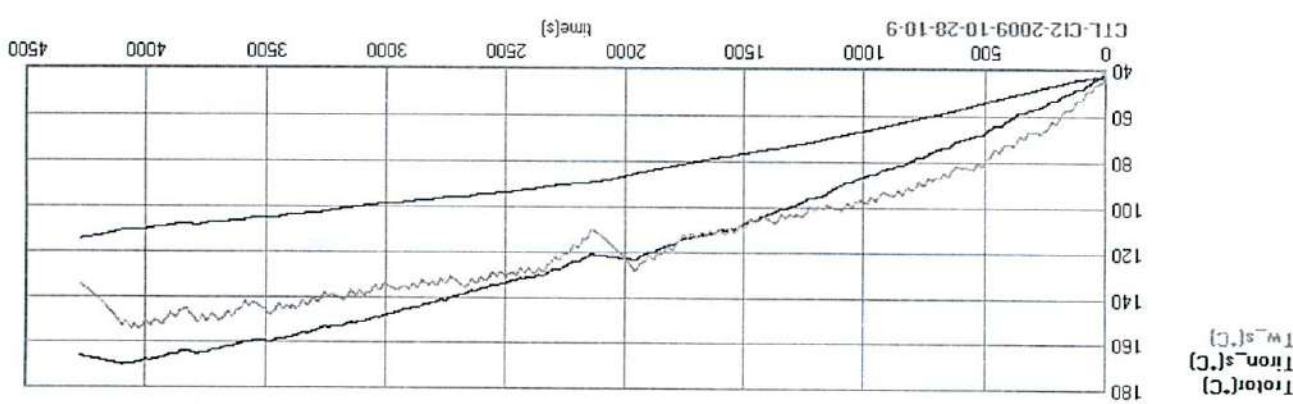
REV.	DESCRIPTION	DATE	RESPONSIBLE		
			ELAB.	CHECK.	APPROV.
00	Motor Tempe AW1 R00	3-Nov-09	R.Valentim	M.Chagas	P.Decottignies
	7C 5M AW1 4p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndE				
	7C 5M AW1 4p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndF				
	7C 4M AW1 4p/m ² DEGRADED MODE 1Mout - Traction Motor 4 LCA 2132 IndE				
	7C 3M AW1 4p/m ² DEGRADED MODE 2Mout - Traction Motor 4 LCA 2132 IndE				
	Motor Tempe AW2 R00				
	7C 5M AW2 6p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndF				
	7C 4M AW2 6p/m ² DEGRADED MODE 1Mout - Traction Motor 4 LCA 2132 IndF				
	7C 3M AW2 6p/m ² DEGRADED MODE 2Mout - Traction Motor 4 LCA 2132 IndF				
	Motor Tempe AW3 R00				
	7C 5M AW3 8p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndE				
	7C 4M AW3 8p/m ² DEGRADED MODE 1Mout - Traction Motor 4 LCA 2132 IndE				
	7C 3M AW3 8p/m ² DEGRADED MODE 2Mout - Traction Motor 4 LCA 2132 IndE				
	Motor Tempe AW4 R00				
	7C 5M AW4 10p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndE				
	7C 5M AW4 10p/m ² NORMAL MODE - Traction Motor 4 LCA 2132 IndF				

dy

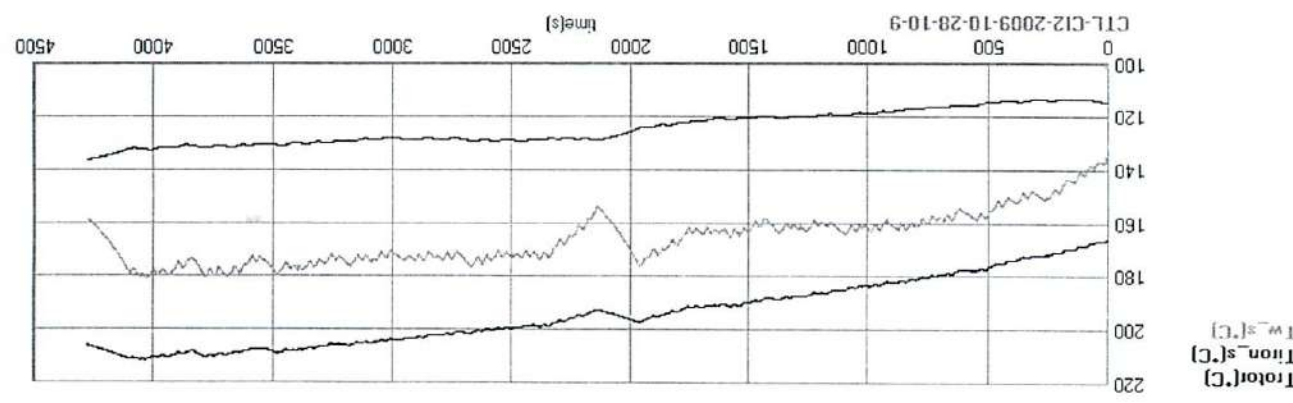
✓

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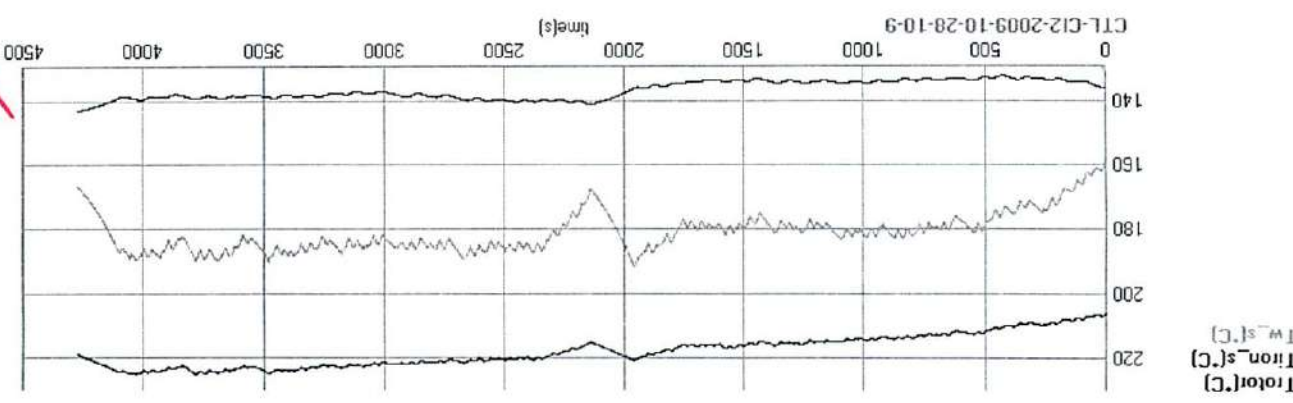
1 Cycle



2 Cycle



3 Cycle



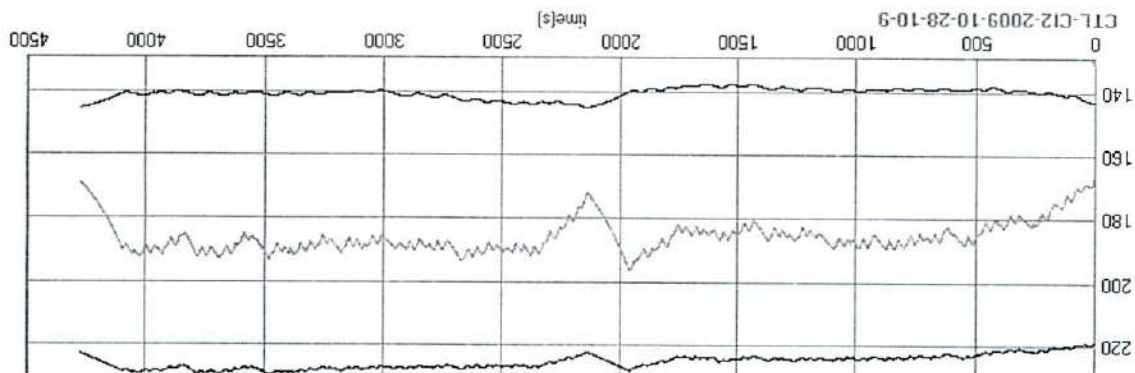
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010002

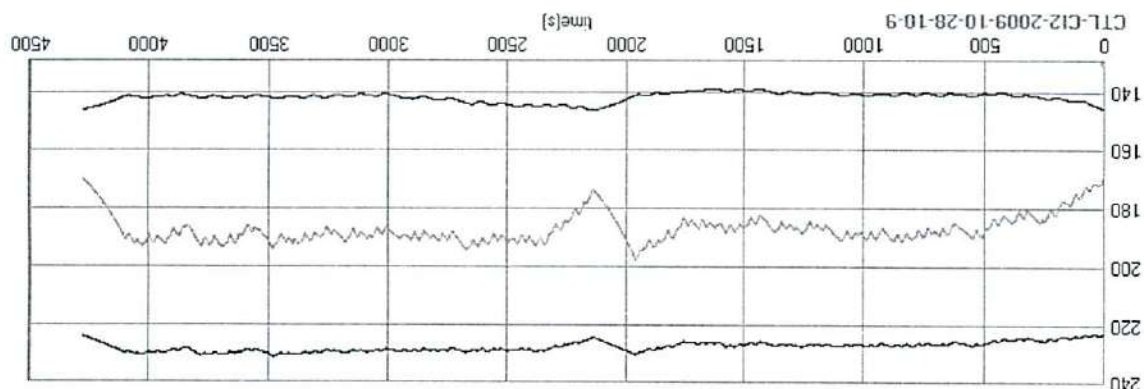
4 Cycle

Trotor (°C)
Tiron (°C)
T_w (°C)



5 Cycle

Trotor (°C)
Tiron (°C)
T_w (°C)



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7C 5M AW1 4p/m² Normal Mode
Traction Motor 4 LCA 2132_IndE

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5 Cycle

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
Maximum	231.5	146.4	197.7

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
0	222.884	145.511	168.698
1	222.898	145.507	168.796
2	222.947	145.504	169.047
3	222.992	145.498	169.285
4	223.036	145.488	169.522
5	223.084	145.477	169.768
6	223.141	145.465	170.029
7	223.205	145.453	170.304
8	223.273	145.437	170.588
9	223.345	145.419	170.898
10	223.41	145.398	171.186
11	223.465	145.374	171.435
12	223.511	145.348	171.657
13	223.55	145.32	171.858
14	223.585	145.29	172.044
15	223.559	145.257	171.997
16	223.532	145.225	171.95
17	223.505	145.192	171.903
18	223.478	145.159	171.856
19	223.452	145.127	171.809
20	223.432	145.098	171.774
21	223.413	145.07	171.739
22	223.394	145.041	171.706
23	223.375	145.012	171.674
24	223.357	144.984	171.642
25	223.338	144.955	171.61
26	223.319	144.927	171.578
27	223.301	144.898	171.546
28	223.282	144.87	171.515
29	223.264	144.841	171.483
30	223.245	144.813	171.451
31	223.226	144.785	171.42
32	223.208	144.756	171.388
33	223.189	144.728	171.357
34	223.171	144.7	171.325
35	223.152	144.671	171.293
36	223.133	144.643	171.262
37	223.115	144.615	171.23
38	223.096	144.587	171.197
39	223.076	144.559	171.163
40	223.057	144.531	171.13
41	223.038	144.503	171.096
42	223.019	144.475	171.062
43	223.05	144.445	171.237

44	223.078	144.413	171.401
45	223.103	144.381	171.554
46	223.126	144.347	171.695
47	223.147	144.313	171.826
48	223.171	144.277	171.956
49	223.197	144.241	172.086
50	223.225	144.203	172.216
51	223.253	144.163	172.346
52	223.281	144.123	172.477
53	223.309	144.082	172.609
54	223.337	144.04	172.74
55	223.365	143.997	172.872
56	223.394	143.953	173.004
57	223.423	143.908	173.135
58	223.451	143.863	173.265
59	223.468	143.817	173.344
60	223.452	143.773	173.286
61	223.437	143.729	173.227
62	223.421	143.685	173.169
63	223.405	143.641	173.111
64	223.389	143.597	173.052
65	223.374	143.554	172.994
66	223.358	143.51	172.936
67	223.342	143.466	172.878
68	223.326	143.423	172.82
69	223.31	143.379	172.762
70	223.294	143.336	172.704
71	223.278	143.293	172.646
72	223.262	143.249	172.588
73	223.246	143.206	172.531
74	223.23	143.163	172.474
75	223.215	143.12	172.418
76	223.199	143.077	172.362
77	223.183	143.034	172.305
78	223.167	142.992	172.248
79	223.151	142.949	172.192
80	223.232	142.914	172.516
81	223.312	142.882	172.837
82	223.392	142.853	173.151
83	223.467	142.829	173.444
84	223.526	142.808	173.702
85	223.578	142.79	173.942
86	223.628	142.774	174.172
87	223.672	142.762	174.381
88	223.715	142.752	174.579
89	223.761	142.745	174.776
90	223.806	142.742	174.973
91	223.85	142.74	175.17
92	223.907	142.737	175.38
93	223.962	142.734	175.592
94	224.007	142.731	175.785
95	224.045	142.728	175.966
96	224.084	142.727	176.148
97	224.114	142.727	176.303

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98	224.117	142.73	176.343
99	224.111	142.734	176.338
100	224.106	142.734	176.331
101	224.074	142.759	176.217
102	224.042	142.783	176.104
103	224.01	142.807	175.991
104	223.978	142.831	175.878
105	223.947	142.855	175.766
106	223.915	142.878	175.654
107	223.883	142.902	175.543
108	223.851	142.925	175.432
109	223.82	142.949	175.321
110	223.788	142.972	175.212
111	223.756	142.995	175.102
112	223.725	143.018	174.993
113	223.693	143.041	174.885
114	223.661	143.064	174.776
115	223.63	143.086	174.669
116	223.598	143.109	174.562
117	223.567	143.131	174.455
118	223.616	143.132	174.682
119	223.665	143.137	174.912
120	223.711	143.137	175.134
121	223.754	143.135	175.349
122	223.8	143.132	175.569
123	223.852	143.128	175.803
124	223.914	143.125	176.052
125	223.98	143.118	176.31
126	224.049	143.11	176.588
127	224.116	143.098	176.867
128	224.173	143.084	177.101
129	224.22	143.068	177.308
130	224.259	143.05	177.492
131	224.294	143.03	177.661
132	224.325	143.009	177.817
133	224.352	142.987	177.962
134	224.376	142.964	178.098
135	224.399	142.939	178.223
136	224.45	142.924	178.453
137	224.481	142.913	178.596
138	224.468	142.903	178.558
139	224.449	142.884	178.507
140	224.431	142.865	178.456
141	224.413	142.847	178.406
142	224.395	142.828	178.357
143	224.377	142.809	178.308
144	224.36	142.791	178.263
145	224.343	142.772	178.218
146	224.326	142.753	178.175
147	224.309	142.734	178.131
148	224.293	142.716	178.089
149	224.275	142.697	178.043
150	224.258	142.678	177.998
151	224.241	142.66	177.953

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152	224.223	142.641	177.908
153	224.206	142.622	177.863
154	224.189	142.604	177.817
155	224.171	142.585	177.773
156	224.154	142.566	177.728
157	224.137	142.548	177.683
158	224.119	142.529	177.638
159	224.102	142.51	177.594
160	224.085	142.492	177.549
161	224.067	142.473	177.505
162	224.05	142.454	177.46
163	224.033	142.436	177.416
164	224.015	142.417	177.372
165	223.998	142.398	177.325
166	223.98	142.38	177.278
167	223.961	142.361	177.231
168	223.943	142.342	177.184
169	223.925	142.324	177.136
170	223.914	142.305	177.118
171	223.942	142.284	177.267
172	223.967	142.262	177.406
173	223.991	142.24	177.536
174	224.012	142.216	177.655
175	224.031	142.192	177.763
176	224.051	142.166	177.87
177	224.074	142.14	177.977
178	224.099	142.112	178.084
179	224.125	142.083	178.191
180	224.15	142.053	178.3
181	224.175	142.021	178.41
182	224.201	141.989	178.52
183	224.226	141.955	178.631
184	224.252	141.921	178.741
185	224.278	141.886	178.851
186	224.356	141.861	179.156
187	224.434	141.84	179.454
188	224.508	141.822	179.732
189	224.569	141.808	179.977
190	224.619	141.797	180.199
191	224.668	141.789	180.413
192	224.712	141.783	180.605
193	224.755	141.779	180.786
194	224.799	141.779	180.962
195	224.844	141.782	181.138
196	224.885	141.787	181.312
197	224.939	141.791	181.499
198	224.993	141.794	181.69
199	225.04	141.797	181.867
200	225.077	141.799	182.028
201	225.117	141.804	182.196
202	225.148	141.808	182.338
203	225.156	141.816	182.381
204	225.149	141.825	182.359
205	225.144	141.83	182.336

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206	225.111	141.86	182.198
207	225.078	141.89	182.061
208	225.046	141.919	181.925
209	225.013	141.949	181.789
210	224.981	141.978	181.654
211	224.948	142.008	181.519
212	224.916	142.037	181.385
213	224.883	142.066	181.252
214	224.851	142.095	181.118
215	224.818	142.123	180.986
216	224.786	142.152	180.854
217	224.754	142.18	180.723
218	224.721	142.209	180.592
219	224.689	142.237	180.462
220	224.657	142.265	180.332
221	224.624	142.293	180.203
222	224.592	142.32	180.074
223	224.641	142.324	180.289
224	224.69	142.333	180.504
225	224.736	142.338	180.714
226	224.779	142.341	180.914
227	224.823	142.343	181.115
228	224.874	142.345	181.33
229	224.934	142.346	181.56
230	224.999	142.346	181.799
231	225.067	142.344	182.055
232	225.135	142.339	182.324
233	225.192	142.331	182.548
234	225.239	142.321	182.742
235	225.278	142.309	182.911
236	225.312	142.295	183.063
237	225.342	142.28	183.201
238	225.367	142.263	183.327
239	225.39	142.246	183.441
240	225.409	142.227	183.542
241	225.428	142.207	183.633
242	225.449	142.185	183.724
243	225.473	142.162	183.815
244	225.497	142.138	183.907
245	225.521	142.112	184.001
246	225.545	142.085	184.096
247	225.569	142.057	184.191
248	225.594	142.027	184.287
249	225.641	141.994	184.179
250	225.488	141.96	184.071
251	225.406	141.917	183.946
252	225.319	141.873	183.819
253	225.233	141.828	183.692
254	225.169	141.789	183.576
255	225.149	141.761	183.48
256	225.128	141.733	183.385
257	225.109	141.705	183.292
258	225.168	141.684	183.51
259	225.246	141.666	183.799

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260	225.319	141.653	184.066
261	225.378	141.642	184.298
262	225.428	141.635	184.508
263	225.471	141.631	184.691
264	225.459	141.629	184.638
265	225.436	141.618	184.551
266	225.414	141.607	184.465
267	225.391	141.596	184.378
268	225.368	141.585	184.292
269	225.345	141.574	184.206
270	225.323	141.563	184.124
271	225.301	141.552	184.042
272	225.28	141.54	183.961
273	225.258	141.529	183.881
274	225.236	141.518	183.801
275	225.214	141.506	183.719
276	225.192	141.495	183.638
277	225.17	141.484	183.557
278	225.148	141.472	183.476
279	225.126	141.461	183.396
280	225.104	141.449	183.316
281	225.083	141.437	183.236
282	225.061	141.426	183.156
283	225.039	141.414	183.076
284	225.017	141.402	182.997
285	224.995	141.391	182.918
286	224.973	141.379	182.839
287	224.951	141.367	182.76
288	224.929	141.355	182.682
289	224.907	141.343	182.603
290	224.885	141.331	182.525
291	224.863	141.319	182.447
292	224.842	141.307	182.37
293	224.82	141.295	182.294
294	224.799	141.283	182.218
295	224.777	141.271	182.142
296	224.756	141.259	182.067
297	224.734	141.246	181.991
298	224.712	141.234	181.914
299	224.69	141.222	181.838
300	224.668	141.21	181.762
301	224.647	141.197	181.686
302	224.625	141.185	181.611
303	224.603	141.172	181.535
304	224.581	141.16	181.46
305	224.559	141.147	181.385
306	224.538	141.135	181.31
307	224.516	141.122	181.236
308	224.494	141.11	181.161
309	224.472	141.097	181.087
310	224.451	141.084	181.013
311	224.429	141.072	180.939
312	224.407	141.059	180.866
313	224.385	141.046	180.79

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314	224.362	141.033	180.714
315	224.34	141.021	180.638
316	224.317	141.008	180.56
317	224.294	140.995	180.483
318	224.322	140.98	180.621
319	224.347	140.964	180.747
320	224.368	140.947	180.861
321	224.417	140.939	181.075
322	224.464	140.934	181.275
323	224.506	140.932	181.456
324	224.547	140.932	181.626
325	224.593	140.935	181.798
326	224.635	140.941	181.968
327	224.682	140.948	182.141
328	224.737	140.953	182.326
329	224.79	140.958	182.512
330	224.831	140.962	182.674
331	224.869	140.967	182.833
332	224.905	140.973	182.985
333	224.929	140.98	183.094
334	224.924	140.99	183.08
335	224.918	140.999	183.053
336	224.913	141.003	183.026
337	224.88	141.035	182.884
338	224.847	141.066	182.742
339	224.815	141.097	182.6
340	224.782	141.128	182.459
341	224.749	141.159	182.319
342	224.716	141.189	182.179
343	224.684	141.22	182.04
344	224.651	141.25	181.901
345	224.618	141.281	181.763
346	224.586	141.311	181.626
347	224.553	141.341	181.489
348	224.52	141.371	181.353
349	224.488	141.4	181.217
350	224.455	141.43	181.082
351	224.423	141.459	180.947
352	224.39	141.488	180.813
353	224.358	141.518	180.68
354	224.407	141.524	180.892
355	224.456	141.533	181.106
356	224.499	141.539	181.306
357	224.542	141.543	181.502
358	224.589	141.546	181.705
359	224.644	141.549	181.922
360	224.706	141.552	182.153
361	224.772	141.552	182.392
362	224.841	141.551	182.656
363	224.904	141.546	182.901
364	224.956	141.539	183.106
365	224.999	141.53	183.284
366	225.036	141.519	183.442
367	225.067	141.507	183.583

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368	225.094	141.493	183.713
369	225.118	141.478	183.83
370	225.139	141.462	183.935
371	225.157	141.444	184.027
372	225.176	141.426	184.114
373	225.197	141.406	184.202
374	225.221	141.385	184.289
375	225.244	141.363	184.378
376	225.268	141.339	184.468
377	225.292	141.314	184.559
378	225.315	141.288	184.651
379	225.339	141.261	184.743
380	225.363	141.234	184.836
381	225.387	141.205	184.928
382	225.411	141.176	185.02
383	225.39	141.148	184.919
384	225.369	141.121	184.818
385	225.348	141.093	184.718
386	225.327	141.066	184.618
387	225.306	141.038	184.518
388	225.273	141.008	184.413
389	225.238	140.977	184.308
390	225.217	140.95	184.21
391	225.198	140.922	184.117
392	225.179	140.895	184.029
393	225.162	140.867	183.949
394	225.148	140.839	183.877
395	225.136	140.811	183.817
396	225.124	140.783	183.759
397	225.113	140.755	183.702
398	225.101	140.727	183.645
399	225.09	140.699	183.589
400	225.078	140.672	183.532
401	225.066	140.644	183.475
402	225.055	140.616	183.418
403	225.043	140.588	183.362
404	225.031	140.561	183.303
405	225.015	140.533	183.228
406	224.996	140.506	183.141
407	224.976	140.479	183.046
408	224.892	140.439	182.925
409	224.88	140.419	182.841
410	224.868	140.399	182.761
411	224.856	140.38	182.683
412	224.845	140.36	182.605
413	224.834	140.34	182.527
414	224.822	140.321	182.449
415	224.811	140.301	182.372
416	224.8	140.281	182.294
417	224.788	140.261	182.217
418	224.776	140.242	182.138
419	224.764	140.222	182.057
420	224.784	140.202	182.112
421	224.86	140.183	182.406

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422	224.936	140.167	182.695
423	225.011	140.154	182.974
424	225.08	140.145	183.227
425	225.134	140.139	183.446
426	225.182	140.135	183.652
427	225.228	140.134	183.844
428	225.269	140.135	184.016
429	225.31	140.139	184.179
430	225.354	140.146	184.34
431	225.396	140.155	184.5
432	225.441	140.166	184.663
433	225.496	140.174	184.837
434	225.548	140.183	185.014
435	225.59	140.19	185.168
436	225.628	140.198	185.318
437	225.664	140.207	185.464
438	225.69	140.216	185.576
439	225.688	140.228	185.564
440	225.681	140.239	185.529
441	225.676	140.246	185.495
442	225.643	140.28	185.342
443	225.609	140.314	185.189
444	225.576	140.348	185.036
445	225.542	140.382	184.885
446	225.509	140.416	184.734
447	225.476	140.449	184.583
448	225.442	140.483	184.433
449	225.409	140.516	184.284
450	225.376	140.549	184.136
451	225.343	140.582	183.988
452	225.309	140.615	183.84
453	225.276	140.647	183.693
454	225.243	140.68	183.547
455	225.21	140.712	183.402
456	225.177	140.744	183.257
457	225.144	140.776	183.113
458	225.111	140.808	182.969
459	225.16	140.816	183.175
460	225.208	140.827	183.382
461	225.252	140.836	183.576
462	225.295	140.842	183.764
463	225.341	140.848	183.959
464	225.394	140.854	184.167
465	225.456	140.86	184.388
466	225.521	140.864	184.618
467	225.589	140.866	184.871
468	225.652	140.865	185.112
469	225.705	140.861	185.312
470	225.748	140.856	185.484
471	225.784	140.848	185.636
472	225.815	140.839	185.771
473	225.842	140.829	185.893
474	225.865	140.818	186.004
475	225.886	140.805	186.103

771

A

476	225.904	140.792	186.191
477	225.92	140.778	186.27
478	225.94	140.762	186.349
479	225.961	140.745	186.428
480	225.984	140.727	186.508
481	226.006	140.708	186.589
482	226.028	140.688	186.672
483	226.051	140.667	186.755
484	226.073	140.645	186.839
485	226.095	140.622	186.924
486	226.118	140.598	187.009
487	226.14	140.573	187.093
488	226.162	140.548	187.178
489	226.142	140.525	187.078
490	226.121	140.501	186.974
491	226.1	140.477	186.871
492	226.079	140.453	186.768
493	226.078	140.437	186.728
494	226.153	140.421	187.012
495	226.229	140.408	187.292
496	226.302	140.399	187.561
497	226.37	140.393	187.8
498	226.421	140.39	188.006
499	226.468	140.39	188.199
500	226.513	140.393	188.378
501	226.554	140.397	188.538
502	226.594	140.405	188.687
503	226.638	140.415	188.837
504	226.679	140.428	188.985
505	226.725	140.441	189.137
506	226.78	140.453	189.3
507	226.832	140.465	189.465
508	226.871	140.475	189.605
509	226.909	140.486	189.745
510	226.944	140.497	189.877
511	226.966	140.509	189.962
512	226.96	140.524	189.923
513	226.953	140.537	189.878
514	226.919	140.574	189.71
515	226.885	140.612	189.544
516	226.851	140.649	189.378
517	226.818	140.686	189.212
518	226.784	140.723	189.047
519	226.75	140.759	188.883
520	226.717	140.796	188.72
521	226.683	140.832	188.557
522	226.649	140.868	188.395
523	226.616	140.904	188.234
524	226.582	140.94	188.073
525	226.549	140.975	187.913
526	226.515	141.011	187.754
527	226.482	141.046	187.595
528	226.448	141.081	187.437
529	226.415	141.116	187.28

010012

010013

530	226.381	141.151	187.123
531	226.432	141.157	187.324
532	226.481	141.168	187.521
533	226.529	141.182	187.72
534	226.573	141.192	187.903
535	226.615	141.201	188.082
536	226.662	141.209	188.269
537	226.716	141.218	188.469
538	226.778	141.227	188.682
539	226.843	141.233	188.902
540	226.911	141.238	189.149
541	226.973	141.239	189.374
542	227.024	141.238	189.561
543	227.065	141.235	189.719
544	227.1	141.23	189.858
545	227.13	141.224	189.982
546	227.157	141.216	190.093
547	227.179	141.208	190.194
548	227.181	141.199	190.205
549	227.154	141.19	190.093
550	227.127	141.182	189.981
551	227.099	141.173	189.869
552	227.071	141.164	189.755
553	227.018	141.143	189.612
554	226.958	141.119	189.463
555	226.913	141.103	189.336
556	226.893	141.103	189.247
557	226.875	141.103	189.159
558	226.856	141.102	189.073
559	226.838	141.102	188.988
560	226.818	141.092	188.907
561	226.866	141.091	189.103
562	226.873	141.092	189.123
563	226.856	141.093	189.046
564	226.84	141.094	188.969
565	226.823	141.095	188.891
566	226.806	141.096	188.812
567	226.788	141.097	188.732
568	226.743	141.081	188.606
569	226.681	141.054	188.451
570	226.644	141.041	188.331
571	226.618	141.033	188.228
572	226.592	141.025	188.126
573	226.567	141.017	188.025
574	226.542	141.009	187.925
575	226.516	141	187.825
576	226.491	140.992	187.726
577	226.466	140.984	187.627
578	226.441	140.975	187.528
579	226.416	140.967	187.43
580	226.391	140.958	187.332
581	226.366	140.95	187.234
582	226.34	140.941	187.136
583	226.315	140.932	187.038

713

010014

584	226.29	140.924	186.939
585	226.264	140.915	186.841
586	226.239	140.906	186.743
587	226.213	140.897	186.645
588	226.21	140.887	186.641
589	226.23	140.875	186.739
590	226.248	140.862	186.825
591	226.296	140.861	187.022
592	226.304	140.862	187.051
593	226.279	140.855	186.951
594	226.255	140.848	186.852
595	226.23	140.841	186.754
596	226.206	140.833	186.656
597	226.182	140.826	186.559
598	226.159	140.819	186.465
599	226.136	140.811	186.373
600	226.113	140.804	186.281
601	226.09	140.796	186.191
602	226.068	140.789	186.103
603	226.045	140.781	186.013
604	226.022	140.773	185.925
605	226	140.765	185.837
606	225.978	140.757	185.749
607	225.955	140.749	185.662
608	225.933	140.741	185.574
609	225.911	140.733	185.487
610	225.888	140.725	185.401
611	225.866	140.717	185.314
612	225.843	140.709	185.227
613	225.821	140.701	185.14
614	225.797	140.693	185.05
615	225.774	140.684	184.959
616	225.75	140.676	184.868
617	225.726	140.668	184.776
618	225.702	140.659	184.684
619	225.688	140.65	184.636
620	225.713	140.639	184.756
621	225.735	140.627	184.864
622	225.754	140.613	184.959
623	225.77	140.599	185.042
624	225.788	140.583	185.124
625	225.809	140.566	185.206
626	225.832	140.548	185.288
627	225.854	140.528	185.372
628	225.876	140.508	185.457
629	225.899	140.486	185.543
630	225.921	140.464	185.629
631	225.943	140.44	185.717
632	225.966	140.416	185.804
633	225.988	140.391	185.891
634	226.064	140.375	186.178
635	226.139	140.362	186.459
636	226.213	140.352	186.727
637	226.279	140.346	186.967

772

638	226.33	140.343	187.173
639	226.378	140.342	187.369
640	226.422	140.344	187.549
641	226.463	140.348	187.711
642	226.503	140.355	187.863
643	226.547	140.365	188.014
644	226.588	140.377	188.165
645	226.634	140.39	188.319
646	226.689	140.402	188.484
647	226.741	140.413	188.651
648	226.78	140.422	188.793
649	226.818	140.433	188.935
650	226.853	140.444	189.069
651	226.875	140.456	189.156
652	226.869	140.47	189.119
653	226.862	140.482	189.075
654	226.828	140.519	188.91
655	226.794	140.556	188.746
656	226.761	140.593	188.583
657	226.727	140.629	188.42
658	226.693	140.665	188.257
659	226.659	140.701	188.096
660	226.626	140.737	187.935
661	226.592	140.773	187.775
662	226.559	140.809	187.615
663	226.525	140.844	187.456
664	226.491	140.879	187.298
665	226.458	140.914	187.14
666	226.424	140.949	186.983
667	226.391	140.984	186.827
668	226.357	141.019	186.672
669	226.324	141.053	186.517
670	226.291	141.087	186.362
671	226.341	141.094	186.564
672	226.39	141.104	186.764
673	226.439	141.117	186.964
674	226.482	141.127	187.148
675	226.524	141.136	187.329
676	226.571	141.143	187.517
677	226.625	141.152	187.719
678	226.687	141.16	187.934
679	226.753	141.166	188.156
680	226.821	141.17	188.405
681	226.882	141.171	188.631
682	226.933	141.17	188.819
683	226.974	141.166	188.979
684	227.009	141.161	189.12
685	227.039	141.154	189.244
686	227.015	141.148	189.139
687	226.99	141.142	189.035
688	226.966	141.137	188.932
689	226.942	141.131	188.829
690	226.917	141.125	188.725
691	226.893	141.118	188.622

775

010015

692	226.868	141.112	188.519
693	226.843	141.106	188.416
694	226.819	141.1	188.314
695	226.795	141.093	188.212
696	226.77	141.087	188.11
697	226.745	141.08	188.007
698	226.72	141.074	187.904
699	226.681	141.059	187.78
700	226.626	141.036	187.633
701	226.572	141.013	187.489
702	226.586	141.005	187.554
703	226.609	140.994	187.66
704	226.629	140.983	187.753
705	226.645	140.97	187.832
706	226.663	140.956	187.908
707	226.684	140.941	187.983
708	226.706	140.923	188.06
709	226.728	140.905	188.138
710	226.75	140.885	188.218
711	226.772	140.864	188.298
712	226.794	140.841	188.38
713	226.816	140.818	188.462
714	226.838	140.794	188.543
715	226.843	140.77	188.555
716	226.796	140.742	188.433
717	226.75	140.714	188.311
718	226.703	140.686	188.189
719	226.656	140.657	188.068
720	226.609	140.629	187.947
721	226.562	140.601	187.826
722	226.516	140.572	187.705
723	226.469	140.544	187.585
724	226.422	140.516	187.465
725	226.376	140.487	187.345
726	226.329	140.459	187.226
727	226.282	140.43	187.107
728	226.239	140.402	186.989
729	226.195	140.374	186.871
730	226.148	140.346	186.753
731	226.102	140.317	186.635
732	226.056	140.289	186.517
733	226.02	140.263	186.404
734	226.09	140.246	186.665
735	226.165	140.232	186.948
736	226.24	140.222	187.224
737	226.312	140.215	187.48
738	226.37	140.211	187.702
739	226.419	140.21	187.9
740	226.465	140.211	188.089
741	226.508	140.215	188.257
742	226.548	140.221	188.412
743	226.59	140.23	188.561
744	226.633	140.242	188.71
745	226.673	140.256	188.857

010017

746	226.724	140.269	189.016
747	226.778	140.28	189.18
748	226.824	140.291	189.333
749	226.86	140.302	189.469
750	226.899	140.313	189.612
751	226.93	140.325	189.733
752	226.939	140.338	189.76
753	226.932	140.354	189.715
754	226.926	140.364	189.67
755	226.892	140.401	189.503
756	226.858	140.439	189.336
757	226.824	140.476	189.17
758	226.79	140.513	189.005
759	226.756	140.55	188.84
760	226.723	140.586	188.677
761	226.689	140.623	188.513
762	226.655	140.659	188.351
763	226.622	140.695	188.189
764	226.588	140.731	188.028
765	226.554	140.767	187.867
766	226.521	140.803	187.707
767	226.487	140.838	187.548
768	226.454	140.874	187.389
769	226.42	140.909	187.231
770	226.387	140.944	187.074
771	226.353	140.979	186.917
772	226.402	140.987	187.117
773	226.451	141	187.315
774	226.497	141.012	187.506
775	226.539	141.022	187.687
776	226.582	141.03	187.866
777	226.632	141.039	188.059
778	226.69	141.048	188.266
779	226.754	141.055	188.482
780	226.821	141.061	188.715
781	226.888	141.064	188.965
782	226.944	141.064	189.169
783	226.99	141.062	189.342
784	227.028	141.059	189.49
785	227.061	141.053	189.621
786	227.088	141.046	189.738
787	227.112	141.038	189.842
788	227.132	141.029	189.935
789	227.15	141.018	190.015
790	227.166	141.007	190.084
791	227.184	140.994	190.153
792	227.205	140.98	190.223
793	227.227	140.964	190.293
794	227.248	140.948	190.366
795	227.27	140.93	190.439
796	227.291	140.91	190.514
797	227.313	140.89	190.59
798	227.334	140.869	190.666
799	227.356	140.847	190.742

797

800	227.377	140.824	190.818
801	227.33	140.798	190.689
802	227.282	140.772	190.561
803	227.235	140.745	190.432
804	227.188	140.718	190.305
805	227.14	140.692	190.177
806	227.093	140.665	190.05
807	227.046	140.639	189.923
808	226.999	140.612	189.796
809	226.951	140.585	189.67
810	226.904	140.558	189.544
811	226.857	140.531	189.418
812	226.81	140.505	189.293
813	226.763	140.478	189.167
814	226.716	140.451	189.043
815	226.669	140.424	188.918
816	226.622	140.397	188.794
817	226.575	140.37	188.67
818	226.528	140.342	188.546
819	226.481	140.315	188.423
820	226.434	140.288	188.299
821	226.394	140.262	188.179
822	226.426	140.248	188.278
823	226.501	140.234	188.558
824	226.576	140.224	188.832
825	226.648	140.218	189.09
826	226.711	140.215	189.316
827	226.76	140.214	189.513
828	226.806	140.216	189.7
829	226.85	140.221	189.87
830	226.89	140.227	190.023
831	226.93	140.237	190.168
832	226.975	140.25	190.313
833	227.015	140.264	190.455
834	227.064	140.279	190.605
835	227.118	140.292	190.765
836	227.167	140.304	190.92
837	227.204	140.316	191.051
838	227.242	140.328	191.188
839	227.275	140.341	191.312
840	227.292	140.355	191.368
841	227.284	140.371	191.319
842	227.278	140.383	191.271
843	227.244	140.422	191.098
844	227.21	140.461	190.926
845	227.176	140.499	190.755
846	227.142	140.537	190.584
847	227.108	140.575	190.414
848	227.074	140.613	190.245
849	227.04	140.651	190.077
850	227.006	140.688	189.909
851	226.972	140.726	189.742
852	226.939	140.763	189.575
853	226.905	140.8	189.41

010019

854	226.871	140.837	189.245
855	226.837	140.873	189.08
856	226.804	140.91	188.917
857	226.77	140.946	188.754
858	226.737	140.982	188.591
859	226.703	141.018	188.43
860	226.753	141.026	188.627
861	226.802	141.039	188.823
862	226.849	141.052	189.015
863	226.892	141.063	189.193
864	226.934	141.073	189.368
865	226.982	141.083	189.554
866	227.037	141.092	189.753
867	227.1	141.102	189.963
868	227.166	141.109	190.184
869	227.234	141.114	190.434
870	227.293	141.116	190.647
871	227.342	141.117	190.824
872	227.382	141.114	190.975
873	227.416	141.111	191.109
874	227.446	141.105	191.228
875	227.423	141.101	191.125
876	227.401	141.097	191.026
877	227.38	141.093	190.93
878	227.36	141.088	190.839
879	227.339	141.083	190.747
880	227.319	141.079	190.659
881	227.3	141.074	190.571
882	227.28	141.069	190.483
883	227.26	141.064	190.396
884	227.241	141.059	190.309
885	227.221	141.054	190.222
886	227.201	141.049	190.135
887	227.181	141.044	190.049
888	227.162	141.039	189.963
889	227.142	141.034	189.877
890	227.122	141.029	189.791
891	227.103	141.023	189.706
892	227.083	141.018	189.621
893	227.063	141.012	189.536
894	227.043	141.007	189.448
895	227.023	141.001	189.361
896	227.002	140.996	189.27
897	226.98	140.99	189.176
898	226.957	140.985	189.08
899	226.934	140.979	188.98
900	226.911	140.973	188.882
901	226.887	140.968	188.782
902	226.863	140.962	188.681
903	226.839	140.956	188.579
904	226.814	140.95	188.476
905	226.79	140.944	188.371
906	226.765	140.938	188.267
907	226.74	140.932	188.164

719

010020

908	226.715	140.926	188.06
909	226.69	140.92	187.957
910	226.666	140.914	187.854
911	226.641	140.907	187.752
912	226.616	140.901	187.65
913	226.591	140.895	187.548
914	226.566	140.888	187.446
915	226.542	140.881	187.345
916	226.5	140.865	187.218
917	226.455	140.847	187.087
918	226.406	140.827	186.95
919	226.354	140.805	186.809
920	226.298	140.781	186.662
921	226.3	140.773	186.675
922	226.323	140.763	186.786
923	226.343	140.751	186.884
924	226.361	140.739	186.969
925	226.378	140.725	187.046
926	226.397	140.71	187.123
927	226.419	140.694	187.2
928	226.441	140.677	187.278
929	226.462	140.658	187.358
930	226.484	140.638	187.439
931	226.506	140.617	187.52
932	226.528	140.596	187.603
933	226.604	140.583	187.883
934	226.677	140.573	188.152
935	226.747	140.567	188.396
936	226.8	140.565	188.605
937	226.847	140.564	188.799
938	226.892	140.567	188.98
939	226.933	140.571	189.14
940	226.973	140.578	189.29
941	227.016	140.588	189.438
942	227.058	140.601	189.586
943	227.102	140.615	189.734
944	227.157	140.627	189.896
945	227.209	140.639	190.06
946	227.251	140.65	190.203
947	227.288	140.661	190.341
948	227.325	140.672	190.476
949	227.352	140.684	190.582
950	227.351	140.699	190.564
951	227.344	140.713	190.518
952	227.339	140.721	190.474
953	227.305	140.759	190.305
954	227.271	140.797	190.137
955	227.237	140.834	189.969
956	227.203	140.871	189.803
957	227.169	140.908	189.636
958	227.135	140.945	189.471
959	227.102	140.982	189.306
960	227.068	141.019	189.142
961	227.034	141.055	188.979

010021

962	227.001	141.091	188.816
963	226.967	141.127	188.654
964	226.933	141.163	188.493
965	226.9	141.199	188.332
966	226.866	141.234	188.172
967	226.833	141.27	188.013
968	226.799	141.305	187.854
969	226.766	141.34	187.696
970	226.815	141.35	187.894
971	226.863	141.364	188.094
972	226.907	141.375	188.279
973	226.95	141.384	188.458
974	226.995	141.393	188.642
975	227.048	141.401	188.839
976	227.11	141.41	189.05
977	227.174	141.417	189.268
978	227.242	141.422	189.51
979	227.305	141.424	189.743
980	227.358	141.424	189.933
981	227.401	141.421	190.096
982	227.436	141.416	190.237
983	227.467	141.41	190.362
984	227.493	141.403	190.473
985	227.516	141.394	190.574
986	227.535	141.384	190.661
987	227.553	141.374	190.737
988	227.569	141.362	190.806
989	227.556	141.35	190.744
990	227.532	141.339	190.634
991	227.509	141.327	190.527
992	227.486	141.316	190.417
993	227.461	141.304	190.306
994	227.437	141.293	190.192
995	227.411	141.281	190.076
996	227.386	141.269	189.959
997	227.353	141.255	189.835
998	227.281	141.225	189.681
999	227.237	141.209	189.554
1000	227.194	141.192	189.428
1001	227.151	141.176	189.303
1002	227.108	141.16	189.179
1003	227.065	141.144	189.054
1004	227.015	141.124	188.924
1005	226.959	141.101	188.787
1006	226.895	141.074	188.643
1007	226.834	141.049	188.502
1008	226.768	141.021	188.357
1009	226.695	140.99	188.205
1010	226.63	140.962	188.06
1011	226.65	140.947	188.135
1012	226.672	140.93	188.21
1013	226.694	140.913	188.287
1014	226.716	140.894	188.365
1015	226.738	140.874	188.445

711

010022

1016	226.76	140.853	188.525
1017	226.782	140.83	188.606
1018	226.804	140.807	188.687
1019	226.826	140.784	188.768
1020	226.901	140.769	189.049
1021	226.976	140.757	189.325
1022	227.007	140.75	189.408
1023	226.946	140.723	189.266
1024	226.886	140.696	189.124
1025	226.825	140.67	188.982
1026	226.765	140.643	188.841
1027	226.742	140.628	188.724
1028	226.719	140.614	188.608
1029	226.697	140.599	188.492
1030	226.674	140.584	188.376
1031	226.652	140.569	188.261
1032	226.629	140.554	188.146
1033	226.607	140.539	188.031
1034	226.596	140.533	187.942
1035	226.655	140.527	188.14
1036	226.707	140.524	188.349
1037	226.755	140.524	188.543
1038	226.8	140.526	188.723
1039	226.841	140.531	188.883
1040	226.881	140.538	189.033
1041	226.924	140.548	189.182
1042	226.966	140.561	189.33
1043	227.011	140.574	189.48
1044	227.065	140.586	189.643
1045	227.117	140.598	189.807
1046	227.158	140.609	189.949
1047	227.196	140.619	190.088
1048	227.231	140.631	190.222
1049	227.257	140.643	190.319
1050	227.253	140.658	190.291
1051	227.246	140.671	190.245
1052	227.241	140.679	190.203
1053	227.207	140.717	190.034
1054	227.173	140.754	189.867
1055	227.14	140.792	189.7
1056	227.106	140.829	189.534
1057	227.072	140.866	189.369
1058	227.038	140.902	189.204
1059	227.004	140.939	189.04
1060	226.971	140.975	188.877
1061	226.937	141.011	188.714
1062	226.903	141.048	188.552
1063	226.87	141.083	188.391
1064	226.836	141.119	188.23
1065	226.803	141.155	188.071
1066	226.769	141.19	187.911
1067	226.736	141.225	187.753
1068	226.702	141.26	187.595
1069	226.669	141.295	187.437

712

1070	226.717	141.306	187.635
1071	226.766	141.319	187.836
1072	226.81	141.33	188.02
1073	226.853	141.339	188.2
1074	226.898	141.347	188.385
1075	226.952	141.356	188.584
1076	227.014	141.365	188.796
1077	227.078	141.371	189.015
1078	227.146	141.376	189.26
1079	227.209	141.377	189.49
1080	227.261	141.377	189.679
1081	227.303	141.374	189.84
1082	227.339	141.369	189.981
1083	227.369	141.362	190.105
1084	227.395	141.355	190.217
1085	227.418	141.346	190.318
1086	227.437	141.336	190.407
1087	227.455	141.325	190.484
1088	227.471	141.314	190.553
1089	227.489	141.301	190.623
1090	227.51	141.286	190.692
1091	227.532	141.271	190.761
1092	227.553	141.254	190.833
1093	227.575	141.236	190.906
1094	227.596	141.217	190.98
1095	227.573	141.2	190.858
1096	227.549	141.183	190.737
1097	227.526	141.165	190.616
1098	227.502	141.148	190.495
1099	227.479	141.131	190.375
1100	227.444	141.11	190.249
1101	227.401	141.087	190.118
1102	227.355	141.063	189.986
1103	227.331	141.045	189.868
1104	227.353	141.025	189.945
1105	227.375	141.003	190.023
1106	227.396	140.981	190.101
1107	227.418	140.958	190.179
1108	227.403	140.943	190.076
1109	227.389	140.928	189.975
1110	227.375	140.914	189.876
1111	227.361	140.899	189.778
1112	227.348	140.884	189.681
1113	227.334	140.87	189.584
1114	227.32	140.855	189.487
1115	227.307	140.84	189.39
1116	227.293	140.825	189.293
1117	227.279	140.811	189.197
1118	227.266	140.796	189.101
1119	227.252	140.781	189.005
1120	227.238	140.766	188.909
1121	227.225	140.751	188.814
1122	227.211	140.736	188.719
1123	227.197	140.721	188.624

713

010023

1124	227.184	140.706	188.529
1125	227.17	140.691	188.435
1126	227.156	140.676	188.341
1127	227.143	140.661	188.247
1128	227.129	140.646	188.153
1129	227.115	140.631	188.059
1130	227.102	140.615	187.966
1131	227.088	140.6	187.872
1132	227.074	140.585	187.78
1133	227.06	140.57	187.687
1134	227.047	140.554	187.595
1135	227.033	140.539	187.503
1136	227.019	140.524	187.41
1137	227.006	140.508	187.318
1138	226.992	140.493	187.226
1139	226.978	140.478	187.133
1140	226.964	140.462	187.041
1141	226.949	140.447	186.948
1142	226.935	140.431	186.856
1143	226.921	140.416	186.764
1144	226.907	140.4	186.672
1145	226.893	140.385	186.58
1146	226.879	140.369	186.489
1147	226.865	140.354	186.398
1148	226.851	140.338	186.307
1149	226.836	140.322	186.216
1150	226.822	140.307	186.125
1151	226.808	140.291	186.035
1152	226.794	140.275	185.945
1153	226.78	140.26	185.855
1154	226.766	140.244	185.765
1155	226.752	140.228	185.676
1156	226.738	140.212	185.586
1157	226.746	140.196	185.594
1158	226.821	140.18	185.88
1159	226.895	140.167	186.164
1160	226.97	140.157	186.441
1161	227.041	140.149	186.701
1162	227.104	140.145	186.934
1163	227.153	140.143	187.139
1164	227.2	140.143	187.335
1165	227.245	140.146	187.519
1166	227.235	140.15	187.474
1167	227.219	140.154	187.399
1168	227.202	140.157	187.324
1169	227.186	140.161	187.25
1170	227.169	140.165	187.176
1171	227.153	140.168	187.102
1172	227.136	140.172	187.026
1173	227.119	140.175	186.951
1174	227.102	140.179	186.876
1175	227.085	140.182	186.801
1176	227.068	140.185	186.726
1177	227.051	140.188	186.652

714

010024

1178	227.035	140.192	186.578
1179	227.018	140.195	186.505
1180	227.001	140.198	186.431
1181	226.985	140.2	186.358
1182	226.968	140.203	186.286
1183	226.951	140.206	186.213
1184	226.935	140.209	186.141
1185	226.918	140.211	186.069
1186	226.901	140.214	185.997
1187	226.885	140.217	185.926
1188	226.868	140.219	185.854
1189	226.851	140.221	185.783
1190	226.825	140.218	185.694
1191	226.79	140.208	185.589
1192	226.745	140.193	185.467
1193	226.691	140.171	185.328
1194	226.674	140.173	185.259
1195	226.715	140.176	185.424
1196	226.755	140.182	185.582
1197	226.8	140.192	185.739
1198	226.84	140.203	185.895
1199	226.889	140.214	186.058
1200	226.942	140.224	186.23
1201	226.991	140.234	186.397
1202	227.027	140.242	186.538
1203	227.066	140.252	186.688
1204	227.098	140.261	186.82
1205	227.112	140.273	186.877
1206	227.105	140.287	186.839
1207	227.098	140.296	186.801
1208	227.064	140.332	186.644
1209	227.03	140.367	186.486
1210	226.997	140.403	186.33
1211	226.963	140.438	186.174
1212	226.929	140.473	186.019
1213	226.895	140.508	185.864
1214	226.861	140.542	185.71
1215	226.827	140.577	185.557
1216	226.793	140.611	185.404
1217	226.76	140.645	185.252
1218	226.726	140.679	185.1
1219	226.692	140.713	184.95
1220	226.659	140.747	184.799
1221	226.625	140.78	184.65
1222	226.591	140.814	184.501
1223	226.558	140.847	184.353
1224	226.524	140.88	184.205
1225	226.574	140.886	184.409
1226	226.622	140.897	184.613
1227	226.669	140.908	184.813
1228	226.712	140.917	184.999
1229	226.754	140.924	185.184
1230	226.802	140.93	185.381
1231	226.859	140.938	185.591

010025

715

715

019026

1232	226.922	140.944	185.812
1233	226.987	140.948	186.045
1234	227.056	140.951	186.308
1235	227.115	140.95	186.528
1236	227.163	140.947	186.714
1237	227.201	140.942	186.872
1238	227.235	140.935	187.013
1239	227.263	140.927	187.139
1240	227.288	140.918	187.254
1241	227.309	140.908	187.358
1242	227.328	140.897	187.451
1243	227.344	140.885	187.533
1244	227.36	140.872	187.609
1245	227.378	140.858	187.685
1246	227.397	140.844	187.76
1247	227.418	140.828	187.836
1248	227.44	140.812	187.912
1249	227.461	140.795	187.989
1250	227.482	140.777	188.067
1251	227.503	140.759	188.145
1252	227.524	140.74	188.225
1253	227.545	140.72	188.305
1254	227.567	140.7	188.385
1255	227.588	140.679	188.466
1256	227.609	140.657	188.547
1257	227.629	140.634	188.628
1258	227.65	140.611	188.709
1259	227.627	140.589	188.597
1260	227.603	140.568	188.485
1261	227.579	140.546	188.374
1262	227.556	140.524	188.263
1263	227.532	140.502	188.152
1264	227.508	140.481	188.042
1265	227.485	140.459	187.932
1266	227.461	140.437	187.821
1267	227.437	140.415	187.711
1268	227.414	140.393	187.602
1269	227.39	140.371	187.491
1270	227.302	140.335	187.355
1271	227.25	140.31	187.239
1272	227.234	140.296	187.141
1273	227.219	140.281	187.045
1274	227.204	140.266	186.95
1275	227.19	140.252	186.858
1276	227.176	140.237	186.767
1277	227.161	140.222	186.676
1278	227.146	140.207	186.581
1279	227.131	140.192	186.486
1280	227.102	140.174	186.384
1281	227.026	140.142	186.257
1282	226.971	140.112	186.137
1283	226.956	140.097	186.044
1284	227.031	140.082	186.329
1285	227.105	140.07	186.611

1286	227.179	140.06	186.887
1287	227.249	140.054	187.14
1288	227.305	140.052	187.36
1289	227.322	140.052	187.43
1290	227.259	140.028	187.281
1291	227.215	140.012	187.154
1292	227.173	139.998	187.031
1293	227.134	139.985	186.911
1294	227.097	139.974	186.794
1295	227.069	139.966	186.688
1296	227.041	139.958	186.583
1297	227.013	139.95	186.479
1298	226.986	139.942	186.375
1299	226.958	139.934	186.271
1300	226.93	139.926	186.167
1301	226.902	139.918	186.063
1302	226.874	139.91	185.96
1303	226.846	139.901	185.857
1304	226.818	139.893	185.755
1305	226.79	139.884	185.652
1306	226.763	139.876	185.551
1307	226.735	139.867	185.449
1308	226.707	139.859	185.349
1309	226.68	139.85	185.249
1310	226.653	139.841	185.15
1311	226.667	139.842	185.213
1312	226.71	139.844	185.393
1313	226.75	139.848	185.566
1314	226.791	139.855	185.712
1315	226.835	139.865	185.868
1316	226.875	139.878	186.022
1317	226.924	139.89	186.185
1318	226.977	139.9	186.355
1319	227.026	139.91	186.52
1320	227.062	139.919	186.66
1321	227.1	139.929	186.808
1322	227.133	139.939	186.94
1323	227.147	139.951	186.998
1324	227.14	139.966	186.959
1325	227.133	139.976	186.92
1326	227.099	140.012	186.76
1327	227.065	140.048	186.602
1328	227.031	140.084	186.444
1329	226.997	140.119	186.286
1330	226.963	140.155	186.13
1331	226.929	140.19	185.974
1332	226.895	140.225	185.818
1333	226.861	140.26	185.663
1334	226.827	140.295	185.509
1335	226.793	140.33	185.356
1336	226.759	140.364	185.203
1337	226.725	140.398	185.051
1338	226.692	140.432	184.899
1339	226.658	140.466	184.748

717

010027

010028

1340	226.624	140.5	184.598
1341	226.59	140.534	184.448
1342	226.557	140.568	184.299
1343	226.606	140.574	184.502
1344	226.655	140.585	184.705
1345	226.702	140.597	184.904
1346	226.744	140.605	185.089
1347	226.787	140.613	185.273
1348	226.835	140.62	185.468
1349	226.891	140.628	185.677
1350	226.954	140.635	185.898
1351	227.019	140.64	186.129
1352	227.088	140.643	186.391
1353	227.146	140.643	186.609
1354	227.194	140.641	186.794
1355	227.232	140.636	186.951
1356	227.266	140.631	187.09
1357	227.294	140.623	187.215
1358	227.318	140.615	187.328
1359	227.338	140.605	187.429
1360	227.356	140.594	187.516
1361	227.371	140.583	187.592
1362	227.388	140.57	187.667
1363	227.408	140.555	187.741
1364	227.429	140.54	187.817
1365	227.45	140.523	187.894
1366	227.471	140.505	187.973
1367	227.492	140.485	188.053
1368	227.513	140.465	188.134
1369	227.534	140.443	188.215
1370	227.555	140.421	188.296
1371	227.575	140.398	188.377
1372	227.481	140.362	188.236
1373	227.387	140.325	188.095
1374	227.307	140.292	187.96
1375	227.241	140.261	187.831
1376	227.188	140.233	187.708
1377	227.15	140.208	187.59
1378	227.126	140.187	187.479
1379	227.102	140.165	187.367
1380	227.078	140.144	187.257
1381	227.054	140.122	187.146
1382	227.03	140.1	187.036
1383	227.006	140.079	186.926
1384	226.982	140.057	186.816
1385	226.958	140.035	186.707
1386	226.935	140.013	186.598
1387	226.911	139.991	186.489
1388	226.887	139.97	186.38
1389	226.863	139.948	186.272
1390	226.839	139.926	186.164
1391	226.815	139.904	186.056
1392	226.791	139.882	185.948
1393	226.768	139.86	185.841

010029

1394	226.744	139.838	185.734
1395	226.72	139.816	185.627
1396	226.696	139.794	185.52
1397	226.672	139.772	185.414
1398	226.648	139.75	185.308
1399	226.625	139.728	185.202
1400	226.601	139.706	185.096
1401	226.577	139.684	184.991
1402	226.553	139.662	184.886
1403	226.529	139.639	184.781
1404	226.505	139.617	184.676
1405	226.482	139.595	184.572
1406	226.458	139.573	184.467
1407	226.434	139.551	184.363
1408	226.41	139.528	184.26
1409	226.386	139.506	184.156
1410	226.362	139.484	184.053
1411	226.339	139.461	183.95
1412	226.315	139.439	183.847
1413	226.291	139.417	183.745
1414	226.267	139.394	183.643
1415	226.243	139.372	183.541
1416	226.22	139.349	183.44
1417	226.197	139.327	183.341
1418	226.174	139.304	183.244
1419	226.152	139.282	183.15
1420	226.13	139.259	183.06
1421	226.109	139.237	182.972
1422	226.089	139.214	182.886
1423	226.068	139.191	182.801
1424	226.048	139.168	182.715
1425	226.027	139.146	182.629
1426	226.006	139.123	182.539
1427	225.984	139.1	182.448
1428	225.961	139.078	182.355
1429	225.938	139.055	182.259
1430	225.915	139.032	182.163
1431	225.892	139.01	182.065
1432	225.868	138.987	181.968
1433	225.845	138.965	181.871
1434	225.822	138.942	181.774
1435	225.799	138.919	181.677
1436	225.776	138.896	181.580
1437	225.753	138.873	181.483
1438	225.730	138.850	181.386
1439	225.707	138.827	181.289
1440	225.684	138.804	181.192
1441	225.661	138.781	181.095
1442	225.638	138.758	180.998
1443	225.615	138.735	180.901
1444	225.592	138.712	180.804
1445	225.569	138.689	180.707
1446	225.546	138.666	180.610
1447	225.523	138.643	180.513

1448	226.677	139.018	185.068
1449	226.715	139.029	185.219
1450	226.747	139.039	185.349
1451	226.759	139.051	185.399
1452	226.752	139.065	185.362
1453	226.745	139.075	185.324
1454	226.711	139.111	185.167
1455	226.677	139.147	185.011
1456	226.642	139.183	184.855
1457	226.608	139.218	184.7
1458	226.574	139.253	184.546
1459	226.54	139.289	184.392
1460	226.505	139.324	184.239
1461	226.471	139.358	184.086
1462	226.437	139.393	183.935
1463	226.403	139.428	183.783
1464	226.369	139.462	183.633
1465	226.335	139.496	183.483
1466	226.301	139.53	183.333
1467	226.267	139.564	183.185
1468	226.233	139.598	183.037
1469	226.199	139.632	182.889
1470	226.165	139.665	182.742
1471	226.215	139.672	182.946
1472	226.263	139.683	183.149
1473	226.309	139.694	183.347
1474	226.352	139.703	183.533
1475	226.394	139.711	183.718
1476	226.442	139.718	183.915
1477	226.499	139.726	184.126
1478	226.562	139.733	184.348
1479	226.627	139.738	184.583
1480	226.695	139.742	184.845
1481	226.752	139.742	185.061
1482	226.799	139.74	185.244
1483	226.837	139.737	185.401
1484	226.869	139.731	185.541
1485	226.896	139.725	185.666
1486	226.92	139.717	185.779
1487	226.94	139.708	185.881
1488	226.957	139.698	185.97
1489	226.972	139.687	186.046
1490	226.988	139.675	186.123
1491	227.008	139.662	186.199
1492	227.028	139.648	186.276
1493	227.049	139.632	186.354
1494	227.069	139.616	186.433
1495	227.089	139.598	186.514
1496	227.11	139.58	186.595
1497	227.13	139.56	186.678
1498	227.15	139.54	186.76
1499	227.17	139.519	186.842
1500	227.19	139.497	186.924
1501	227.167	139.477	186.816

729

010030

010031

1502	227.143	139.458	186.709
1503	227.119	139.437	186.603
1504	227.096	139.417	186.499
1505	227.072	139.397	186.394
1506	227.049	139.377	186.29
1507	227.026	139.357	186.186
1508	227.003	139.337	186.083
1509	226.979	139.317	185.98
1510	226.956	139.297	185.877
1511	226.933	139.276	185.774
1512	226.909	139.256	185.671
1513	226.886	139.236	185.568
1514	226.863	139.216	185.466
1515	226.839	139.195	185.364
1516	226.816	139.175	185.262
1517	226.792	139.154	185.16
1518	226.769	139.134	185.059
1519	226.746	139.114	184.958
1520	226.766	139.101	185.018
1521	226.84	139.089	185.302
1522	226.913	139.08	185.58
1523	226.984	139.074	185.841
1524	227.045	139.072	186.07
1525	227.092	139.073	186.27
1526	227.137	139.076	186.461
1527	227.179	139.081	186.633
1528	227.219	139.088	186.79
1529	227.259	139.098	186.94
1530	227.302	139.111	187.09
1531	227.341	139.126	187.238
1532	227.39	139.14	187.395
1533	227.443	139.153	187.56
1534	227.491	139.165	187.718
1535	227.526	139.177	187.853
1536	227.564	139.188	187.996
1537	227.597	139.201	188.121
1538	227.61	139.214	188.171
1539	227.603	139.23	188.127
1540	227.596	139.241	188.083
1541	227.561	139.279	187.917
1542	227.527	139.317	187.752
1543	227.492	139.354	187.588
1544	227.458	139.392	187.424
1545	227.423	139.429	187.261
1546	227.389	139.466	187.098
1547	227.354	139.503	186.937
1548	227.32	139.54	186.776
1549	227.285	139.577	186.615
1550	227.251	139.613	186.456
1551	227.217	139.65	186.297
1552	227.182	139.686	186.138
1553	227.148	139.722	185.981
1554	227.114	139.757	185.823
1555	227.08	139.793	185.667

721

010032

1556	227.046	139.828	185.511
1557	227.011	139.864	185.356
1558	227.061	139.871	185.556
1559	227.109	139.884	185.755
1560	227.156	139.897	185.949
1561	227.198	139.907	186.13
1562	227.24	139.916	186.309
1563	227.288	139.926	186.5
1564	227.344	139.935	186.704
1565	227.407	139.944	186.92
1566	227.472	139.951	187.147
1567	227.54	139.956	187.403
1568	227.597	139.958	187.615
1569	227.644	139.959	187.793
1570	227.681	139.957	187.944
1571	227.713	139.953	188.077
1572	227.74	139.948	188.195
1573	227.763	139.942	188.302
1574	227.782	139.935	188.397
1575	227.799	139.926	188.478
1576	227.771	139.919	188.368
1577	227.7	139.893	188.213
1578	227.63	139.866	188.057
1579	227.56	139.84	187.903
1580	227.49	139.813	187.748
1581	227.419	139.787	187.594
1582	227.349	139.76	187.441
1583	227.279	139.734	187.287
1584	227.209	139.707	187.135
1585	227.139	139.68	186.982
1586	227.069	139.653	186.831
1587	226.999	139.626	186.679
1588	226.929	139.599	186.528
1589	226.859	139.572	186.377
1590	226.79	139.545	186.227
1591	226.72	139.517	186.077
1592	226.65	139.49	185.927
1593	226.58	139.462	185.778
1594	226.51	139.435	185.63
1595	226.442	139.408	185.482
1596	226.372	139.38	185.335
1597	226.307	139.354	185.191
1598	226.249	139.332	185.055
1599	226.199	139.313	184.926
1600	226.214	139.302	185.004
1601	226.232	139.289	185.082
1602	226.252	139.275	185.16
1603	226.273	139.26	185.239
1604	226.294	139.244	185.319
1605	226.314	139.227	185.401
1606	226.335	139.209	185.484
1607	226.356	139.19	185.567
1608	226.376	139.17	185.651
1609	226.397	139.149	185.734

722

AS

R

A vertical red line.

1610	226.418	139.128	185.818
1611	226.438	139.106	185.901
1612	226.414	139.086	185.795
1613	226.391	139.066	185.688
1614	226.367	139.046	185.582
1615	226.432	139.033	185.83
1616	226.506	139.022	186.111
1617	226.579	139.015	186.384
1618	226.649	139.011	186.635
1619	226.703	139.011	186.849
1620	226.703	139.013	186.846
1621	226.676	139.007	186.742
1622	226.649	139.001	186.639
1623	226.622	138.996	186.538
1624	226.595	138.99	186.438
1625	226.569	138.983	186.338
1626	226.543	138.977	186.244
1627	226.518	138.971	186.15
1628	226.493	138.965	186.057
1629	226.468	138.958	185.965
1630	226.442	138.952	185.871
1631	226.417	138.945	185.777
1632	226.391	138.939	185.684
1633	226.366	138.932	185.591
1634	226.341	138.925	185.498
1635	226.315	138.919	185.405
1636	226.29	138.912	185.313
1637	226.264	138.905	185.221
1638	226.239	138.898	185.129
1639	226.214	138.891	185.038
1640	226.188	138.884	184.947
1641	226.163	138.877	184.854
1642	226.136	138.87	184.76
1643	226.142	138.872	184.787
1644	226.185	138.876	184.964
1645	226.225	138.882	185.124
1646	226.265	138.891	185.278
1647	226.309	138.903	185.432
1648	226.348	138.917	185.584
1649	226.4	138.93	185.749
1650	226.453	138.941	185.918
1651	226.497	138.952	186.072
1652	226.533	138.962	186.214
1653	226.571	138.973	186.359
1654	226.601	138.984	186.48
1655	226.604	138.998	186.491
1656	226.597	139.012	186.45
1657	226.591	139.02	186.411
1658	226.557	139.057	186.25
1659	226.523	139.094	186.09
1660	226.488	139.13	185.93
1661	226.454	139.166	185.771
1662	226.42	139.202	185.613
1663	226.386	139.238	185.455

723

010033

1664	226.352	139.274	185.299
1665	226.318	139.31	185.142
1666	226.284	139.345	184.987
1667	226.25	139.381	184.832
1668	226.216	139.416	184.677
1669	226.182	139.451	184.524
1670	226.148	139.485	184.371
1671	226.114	139.52	184.218
1672	226.08	139.555	184.067
1673	226.046	139.589	183.916
1674	226.012	139.623	183.765
1675	226.061	139.632	183.966
1676	226.109	139.645	184.168
1677	226.154	139.656	184.36
1678	226.197	139.665	184.543
1679	226.24	139.673	184.728
1680	226.291	139.682	184.927
1681	226.35	139.691	185.139
1682	226.413	139.698	185.36
1683	226.48	139.703	185.6
1684	226.545	139.706	185.847
1685	226.599	139.707	186.049
1686	226.643	139.705	186.222
1687	226.68	139.701	186.372
1688	226.711	139.696	186.505
1689	226.737	139.69	186.624
1690	226.76	139.683	186.731
1691	226.773	139.674	186.802
1692	226.745	139.667	186.695
1693	226.717	139.66	186.588
1694	226.689	139.652	186.483
1695	226.661	139.645	186.377
1696	226.634	139.637	186.275
1697	226.607	139.63	186.174
1698	226.58	139.622	186.074
1699	226.554	139.614	185.975
1700	226.527	139.606	185.876
1701	226.5	139.598	185.776
1702	226.473	139.59	185.677
1703	226.446	139.582	185.578
1704	226.419	139.574	185.48
1705	226.393	139.566	185.382
1706	226.366	139.558	185.283
1707	226.339	139.55	185.185
1708	226.312	139.541	185.086
1709	226.284	139.533	184.986
1710	226.257	139.524	184.887
1711	226.23	139.516	184.789
1712	226.203	139.507	184.69
1713	226.175	139.499	184.591
1714	226.148	139.49	184.492
1715	226.12	139.481	184.392
1716	226.093	139.473	184.293
1717	226.065	139.464	184.194

724

010034

010035

1718	226.038	139.455	184.095
1719	226.01	139.446	183.997
1720	225.995	139.445	183.941
1721	226.04	139.446	184.132
1722	226.082	139.449	184.304
1723	226.121	139.454	184.465
1724	226.164	139.463	184.623
1725	226.206	139.473	184.78
1726	226.248	139.486	184.937
1727	226.302	139.497	185.108
1728	226.355	139.507	185.281
1729	226.398	139.516	185.437
1730	226.435	139.525	185.582
1731	226.472	139.535	185.729
1732	226.502	139.545	185.852
1733	226.503	139.558	185.857
1734	226.496	139.57	185.819
1735	226.491	139.578	185.783
1736	226.457	139.614	185.626
1737	226.423	139.649	185.47
1738	226.389	139.684	185.314
1739	226.355	139.719	185.159
1740	226.321	139.754	185.005
1741	226.287	139.789	184.852
1742	226.253	139.824	184.699
1743	226.219	139.858	184.546
1744	226.185	139.893	184.394
1745	226.151	139.927	184.243
1746	226.118	139.961	184.093
1747	226.084	139.995	183.943
1748	226.05	140.028	183.794
1749	226.016	140.062	183.645
1750	225.983	140.095	183.497
1751	225.949	140.128	183.35
1752	225.916	140.161	183.203
1753	225.964	140.17	183.407
1754	226.013	140.182	183.611
1755	226.058	140.192	183.805
1756	226.1	140.2	183.991
1757	226.145	140.207	184.18
1758	226.196	140.214	184.383
1759	226.256	140.222	184.6
1760	226.32	140.227	184.825
1761	226.387	140.231	185.071
1762	226.452	140.232	185.318
1763	226.506	140.231	185.52
1764	226.55	140.228	185.696
1765	226.587	140.223	185.848
1766	226.618	140.216	185.985
1767	226.646	140.209	186.109
1768	226.669	140.2	186.222
1769	226.69	140.19	186.324
1770	226.708	140.179	186.414
1771	226.724	140.167	186.493

725

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R

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010036

1772	226.74	140.155	186.569
1773	226.76	140.141	186.646
1774	226.781	140.126	186.722
1775	226.802	140.109	186.8
1776	226.823	140.092	186.88
1777	226.844	140.074	186.96
1778	226.865	140.055	187.041
1779	226.886	140.035	187.122
1780	226.907	140.015	187.204
1781	226.928	139.994	187.286
1782	226.949	139.973	187.368
1783	227.023	139.959	187.65
1784	227.097	139.949	187.927
1785	227.169	139.942	188.188
1786	227.232	139.94	188.415
1787	227.279	139.94	188.613
1788	227.325	139.943	188.8
1789	227.367	139.948	188.968
1790	227.407	139.955	189.12
1791	227.448	139.965	189.267
1792	227.491	139.978	189.413
1793	227.53	139.993	189.557
1794	227.581	140.008	189.712
1795	227.634	140.021	189.873
1796	227.681	140.033	190.025
1797	227.717	140.044	190.158
1798	227.755	140.057	190.298
1799	227.787	140.069	190.419
1800	227.798	140.083	190.453
1801	227.791	140.1	190.406
1802	227.784	140.111	190.359
1803	227.75	140.15	190.189
1804	227.716	140.188	190.019
1805	227.681	140.226	189.849
1806	227.647	140.264	189.681
1807	227.613	140.302	189.513
1808	227.579	140.34	189.346
1809	227.544	140.377	189.18
1810	227.51	140.415	189.014
1811	227.476	140.452	188.849
1812	227.442	140.489	188.685
1813	227.408	140.526	188.521
1814	227.374	140.562	188.358
1815	227.34	140.599	188.196
1816	227.306	140.635	188.034
1817	227.272	140.671	187.873
1818	227.238	140.707	187.713
1819	227.204	140.743	187.554
1820	227.254	140.752	187.752
1821	227.302	140.765	187.948
1822	227.349	140.778	188.139
1823	227.391	140.789	188.317
1824	227.433	140.798	188.493
1825	227.482	140.807	188.683

726

1826	227.539	140.817	188.886
1827	227.602	140.826	189.099
1828	227.668	140.833	189.326
1829	227.736	140.838	189.578
1830	227.793	140.84	189.784
1831	227.839	140.839	189.957
1832	227.877	140.837	190.104
1833	227.909	140.833	190.235
1834	227.937	140.828	190.35
1835	227.961	140.821	190.455
1836	227.981	140.814	190.549
1837	227.999	140.805	190.631
1838	228.014	140.796	190.702
1839	228.03	140.785	190.769
1840	228.048	140.774	190.836
1841	228.068	140.762	190.902
1842	228.089	140.748	190.97
1843	228.109	140.734	191.038
1844	228.13	140.718	191.108
1845	228.15	140.702	191.179
1846	228.171	140.685	191.251
1847	228.191	140.668	191.323
1848	228.212	140.649	191.396
1849	228.232	140.63	191.469
1850	228.252	140.611	191.542
1851	228.273	140.59	191.615
1852	228.293	140.57	191.688
1853	228.273	140.55	191.586
1854	228.252	140.531	191.484
1855	228.232	140.511	191.383
1856	228.212	140.492	191.281
1857	228.192	140.472	191.18
1858	228.171	140.453	191.078
1859	228.151	140.433	190.977
1860	228.131	140.414	190.876
1861	228.111	140.394	190.777
1862	228.124	140.382	190.798
1863	228.198	140.372	191.073
1864	228.272	140.364	191.341
1865	228.342	140.361	191.589
1866	228.4	140.36	191.803
1867	228.447	140.363	191.991
1868	228.492	140.368	192.17
1869	228.533	140.376	192.326
1870	228.572	140.385	192.469
1871	228.613	140.398	192.608
1872	228.656	140.413	192.746
1873	228.695	140.431	192.882
1874	228.747	140.447	193.031
1875	228.8	140.462	193.185
1876	228.845	140.475	193.326
1877	228.881	140.489	193.452
1878	228.919	140.503	193.586
1879	228.95	140.517	193.695

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010037

1880	228.956	140.534	193.703
1881	228.948	140.551	193.648
1882	228.942	140.563	193.596
1883	228.908	140.603	193.416
1884	228.873	140.644	193.236
1885	228.838	140.684	193.058
1886	228.804	140.724	192.88
1887	228.769	140.764	192.703
1888	228.735	140.804	192.527
1889	228.701	140.843	192.351
1890	228.666	140.883	192.176
1891	228.632	140.922	192.002
1892	228.597	140.961	191.829
1893	228.563	141	191.656
1894	228.529	141.038	191.484
1895	228.495	141.077	191.313
1896	228.46	141.115	191.142
1897	228.426	141.153	190.972
1898	228.392	141.191	190.803
1899	228.358	141.229	190.635
1900	228.407	141.239	190.827
1901	228.456	141.255	191.019
1902	228.501	141.269	191.202
1903	228.543	141.281	191.374
1904	228.586	141.292	191.547
1905	228.636	141.303	191.732
1906	228.695	141.315	191.931
1907	228.758	141.325	192.14
1908	228.824	141.333	192.365
1909	228.89	141.339	192.604
1910	228.946	141.342	192.798
1911	228.991	141.343	192.963
1912	229.029	141.342	193.103
1913	229.061	141.34	193.228
1914	229.089	141.336	193.339
1915	229.113	141.332	193.44
1916	229.135	141.326	193.532
1917	229.154	141.32	193.615
1918	229.171	141.313	193.688
1919	229.186	141.305	193.752
1920	229.201	141.296	193.812
1921	229.217	141.287	193.872
1922	229.236	141.277	193.932
1923	229.255	141.265	193.992
1924	229.276	141.253	194.053
1925	229.296	141.241	194.115
1926	229.316	141.227	194.177
1927	229.336	141.213	194.241
1928	229.356	141.198	194.306
1929	229.376	141.183	194.37
1930	229.395	141.167	194.436
1931	229.415	141.15	194.502
1932	229.435	141.133	194.568
1933	229.455	141.115	194.635

1934	229.474	141.097	194.701
1935	229.494	141.079	194.767
1936	229.513	141.06	194.834
1937	229.533	141.041	194.9
1938	229.511	141.023	194.79
1939	229.495	141.013	194.675
1940	229.568	141.003	194.945
1941	229.641	140.995	195.21
1942	229.713	140.991	195.468
1943	229.782	140.991	195.701
1944	229.835	140.994	195.897
1945	229.881	140.999	196.075
1946	229.925	141.007	196.241
1947	229.965	141.016	196.385
1948	230.004	141.029	196.517
1949	230.045	141.044	196.647
1950	230.087	141.062	196.776
1951	230.127	141.082	196.903
1952	230.181	141.1	197.045
1953	230.233	141.116	197.19
1954	230.276	141.132	197.318
1955	230.312	141.148	197.437
1956	230.349	141.164	197.559
1957	230.378	141.18	197.658
1958	230.38	141.199	197.637
1959	230.373	141.217	197.575
1960	230.367	141.229	197.516
1961	230.332	141.272	197.324
1962	230.297	141.315	197.134
1963	230.262	141.358	196.945
1964	230.227	141.4	196.756
1965	230.192	141.443	196.568
1966	230.158	141.485	196.381
1967	230.123	141.527	196.195
1968	230.088	141.568	196.009
1969	230.054	141.61	195.824
1970	230.019	141.651	195.64
1971	229.984	141.692	195.457
1972	229.95	141.733	195.274
1973	229.915	141.774	195.092
1974	229.881	141.814	194.911
1975	229.846	141.854	194.731
1976	229.812	141.895	194.552
1977	229.777	141.934	194.373
1978	229.743	141.974	194.195
1979	229.709	142.014	194.018
1980	229.674	142.053	193.841
1981	229.64	142.092	193.665
1982	229.606	142.131	193.49
1983	229.571	142.17	193.316
1984	229.537	142.209	193.142
1985	229.503	142.247	192.969
1986	229.469	142.286	192.797
1987	229.435	142.324	192.626

1988	229.4	142.362	192.455
1989	229.366	142.399	192.285
1990	229.332	142.437	192.115
1991	229.298	142.474	191.947
1992	229.264	142.512	191.779
1993	229.23	142.549	191.611
1994	229.196	142.586	191.445
1995	229.162	142.622	191.279
1996	229.129	142.659	191.114
1997	229.095	142.695	190.949
1998	229.061	142.731	190.786
1999	229.027	142.767	190.622
2000	228.993	142.803	190.46
2001	228.959	142.839	190.298
2002	228.926	142.874	190.137
2003	228.892	142.91	189.977
2004	228.858	142.945	189.817
2005	228.825	142.98	189.658
2006	228.791	143.015	189.499
2007	228.758	143.05	189.341
2008	228.724	143.084	189.184
2009	228.69	143.118	189.028
2010	228.657	143.153	188.872
2011	228.623	143.187	188.717
2012	228.59	143.22	188.562
2013	228.556	143.254	188.408
2014	228.523	143.288	188.255
2015	228.49	143.321	188.102
2016	228.456	143.354	187.95
2017	228.423	143.387	187.799
2018	228.39	143.42	187.648
2019	228.356	143.453	187.498
2020	228.323	143.486	187.348
2021	228.29	143.518	187.199
2022	228.257	143.55	187.051
2023	228.224	143.582	186.903
2024	228.19	143.614	186.756
2025	228.157	143.646	186.61
2026	228.124	143.678	186.464
2027	228.091	143.709	186.319
2028	228.058	143.741	186.174
2029	228.025	143.772	186.03
2030	227.992	143.803	185.887
2031	227.959	143.834	185.744
2032	227.926	143.865	185.601
2033	227.893	143.895	185.46
2034	227.86	143.926	185.319
2035	227.827	143.956	185.178
2036	227.795	143.986	185.038
2037	227.762	144.016	184.899
2038	227.729	144.046	184.76
2039	227.696	144.076	184.622
2040	227.663	144.105	184.484
2041	227.631	144.135	184.347

017710

2042	227.598	144.164	184.21
2043	227.565	144.193	184.075
2044	227.533	144.222	183.939
2045	227.5	144.251	183.804
2046	227.467	144.28	183.67
2047	227.435	144.308	183.536
2048	227.402	144.337	183.403
2049	227.37	144.365	183.27
2050	227.337	144.393	183.138
2051	227.305	144.421	183.007
2052	227.272	144.449	182.876
2053	227.24	144.477	182.745
2054	227.207	144.505	182.615
2055	227.175	144.532	182.486
2056	227.143	144.559	182.357
2057	227.11	144.587	182.229
2058	227.078	144.614	182.101
2059	227.046	144.641	181.974
2060	227.013	144.668	181.847
2061	226.981	144.694	181.721
2062	226.949	144.721	181.595
2063	226.917	144.747	181.47
2064	226.885	144.773	181.345
2065	226.852	144.8	181.221
2066	226.82	144.826	181.098
2067	226.788	144.852	180.974
2068	226.756	144.877	180.852
2069	226.724	144.903	180.73
2070	226.692	144.928	180.608
2071	226.66	144.954	180.487
2072	226.628	144.979	180.366
2073	226.596	145.004	180.246
2074	226.564	145.029	180.126
2075	226.532	145.054	180.007
2076	226.5	145.079	179.889
2077	226.468	145.103	179.77
2078	226.436	145.128	179.653
2079	226.405	145.152	179.536
2080	226.373	145.177	179.419
2081	226.341	145.201	179.303
2082	226.309	145.225	179.187
2083	226.277	145.249	179.071
2084	226.246	145.272	178.957
2085	226.214	145.296	178.842
2086	226.182	145.32	178.728
2087	226.151	145.343	178.615
2088	226.119	145.366	178.502
2089	226.087	145.39	178.389
2090	226.056	145.413	178.277
2091	226.024	145.436	178.166
2092	225.992	145.458	178.055
2093	225.961	145.481	177.944
2094	225.929	145.504	177.834
2095	225.898	145.526	177.724

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010041

010042

2096	225.866	145.549	177.615
2097	225.835	145.571	177.506
2098	225.804	145.593	177.398
2099	225.772	145.615	177.29
2100	225.741	145.637	177.182
2101	225.709	145.659	177.075
2102	225.678	145.68	176.968
2103	225.647	145.702	176.862
2104	225.615	145.723	176.756
2105	225.584	145.745	176.651
2106	225.553	145.766	176.546
2107	225.522	145.787	176.441
2108	225.49	145.808	176.337
2109	225.459	145.829	176.234
2110	225.428	145.85	176.131
2111	225.397	145.871	176.028
2112	225.366	145.891	175.925
2113	225.334	145.912	175.823
2114	225.303	145.932	175.722
2115	225.272	145.952	175.621
2116	225.241	145.972	175.52
2117	225.21	145.992	175.42
2118	225.179	146.012	175.32
2119	225.148	146.032	175.22
2120	225.117	146.052	175.121
2121	225.086	146.072	175.022
2122	225.055	146.091	174.924
2123	225.024	146.111	174.826
2124	224.993	146.13	174.729
2125	224.962	146.149	174.632
2126	224.932	146.168	174.535
2127	224.901	146.187	174.439
2128	224.87	146.206	174.343
2129	224.839	146.225	174.247
2130	224.808	146.244	174.152
2131	224.778	146.262	174.057
2132	224.747	146.281	173.963
2133	224.716	146.299	173.869
2134	224.685	146.318	173.775
2135	224.655	146.336	173.682
2136	224.624	146.354	173.589
2137	224.593	146.372	173.497
2138	224.563	146.39	173.405
2139	224.532	146.408	173.313
2140	224.501	146.426	173.222
2141	224.551	146.423	173.46
2142	224.601	146.424	173.702
2143	224.647	146.42	173.935
2144	224.691	146.413	174.164
2145	224.737	146.405	174.397
2146	224.791	146.395	174.645
2147	224.854	146.386	174.908
2148	224.921	146.373	175.18
2149	224.991	146.358	175.473

732

2150	225.059	146.34	175.765
2151	225.117	146.319	176.013
2152	225.165	146.295	176.232
2153	225.206	146.27	176.429
2154	225.242	146.242	176.61
2155	225.273	146.213	176.777
2156	225.301	146.183	176.932
2157	225.326	146.151	177.074
2158	225.349	146.118	177.204
2159	225.37	146.084	177.326
2160	225.395	146.049	177.446
2161	225.422	146.012	177.567
2162	225.45	145.973	177.688
2163	225.478	145.933	177.811
2164	225.506	145.891	177.934
2165	225.534	145.848	178.058
2166	225.562	145.804	178.182
2167	225.591	145.758	178.305
2168	225.577	145.713	178.244
2169	225.57	145.675	178.195
2170	225.564	145.638	178.146
2171	225.558	145.601	178.096
2172	225.551	145.563	178.046
2173	225.545	145.526	177.996
2174	225.538	145.489	177.947
2175	225.532	145.452	177.897
2176	225.525	145.415	177.848
2177	225.519	145.378	177.799
2178	225.593	145.341	178.087
2179	225.674	145.305	178.405
2180	225.755	145.273	178.719
2181	225.834	145.245	179.025
2182	225.909	145.219	179.312
2183	225.972	145.197	179.569
2184	226.025	145.178	179.804
2185	226.076	145.162	180.032
2186	226.123	145.148	180.243
2187	226.167	145.137	180.439
2188	226.211	145.128	180.627
2189	226.258	145.123	180.815
2190	226.302	145.121	181.002
2191	226.35	145.12	181.194
2192	226.406	145.117	181.396
2193	226.46	145.115	181.598
2194	226.501	145.113	181.775
2195	226.541	145.112	181.951
2196	226.577	145.112	182.117
2197	226.601	145.114	182.235
2198	226.595	145.12	182.23
2199	226.589	145.124	182.216
2200	226.557	145.15	182.09
2201	226.525	145.177	181.965
2202	226.493	145.203	181.84
2203	226.461	145.228	181.715

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010043

2204	226.429	145.254	181.592
2205	226.398	145.28	181.468
2206	226.366	145.305	181.345
2207	226.334	145.331	181.223
2208	226.302	145.356	181.101
2209	226.271	145.381	180.98
2210	226.239	145.406	180.859
2211	226.207	145.431	180.739
2212	226.176	145.455	180.619
2213	226.144	145.48	180.499
2214	226.112	145.504	180.38
2215	226.081	145.529	180.262
2216	226.049	145.553	180.144
2217	226.1	145.553	180.367
2218	226.15	145.556	180.589
2219	226.199	145.561	180.815
2220	226.243	145.562	181.027
2221	226.287	145.56	181.236
2222	226.335	145.558	181.453
2223	226.39	145.555	181.685
2224	226.454	145.551	181.93
2225	226.522	145.545	182.184
2226	226.592	145.536	182.463
2227	226.656	145.524	182.721
2228	226.709	145.51	182.939
2229	226.753	145.493	183.13
2230	226.791	145.474	183.301
2231	226.824	145.453	183.454
2232	226.853	145.431	183.596
2233	226.877	145.408	183.725
2234	226.899	145.383	183.84
2235	226.919	145.356	183.941
2236	226.941	145.329	184.041
2237	226.966	145.299	184.141
2238	226.991	145.268	184.242
2239	227.017	145.235	184.345
2240	227.043	145.201	184.449
2241	227.069	145.166	184.553
2242	227.095	145.129	184.658
2243	227.121	145.091	184.762
2244	227.148	145.052	184.866
2245	227.138	145.022	184.79
2246	227.128	144.992	184.714
2247	227.118	144.962	184.639
2248	227.108	144.932	184.563
2249	227.098	144.902	184.488
2250	227.088	144.872	184.413
2251	227.078	144.842	184.338
2252	227.067	144.812	184.263
2253	227.057	144.782	184.188
2254	227.047	144.752	184.114
2255	227.037	144.722	184.039
2256	227.027	144.693	183.965
2257	227.017	144.663	183.891

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010044

010045

2258	227.07	144.633	184.083
2259	227.149	144.605	184.386
2260	227.227	144.58	184.684
2261	227.304	144.559	184.97
2262	227.375	144.541	185.229
2263	227.43	144.527	185.457
2264	227.48	144.516	185.672
2265	227.528	144.507	185.874
2266	227.571	144.501	186.056
2267	227.613	144.497	186.228
2268	227.658	144.498	186.398
2269	227.702	144.5	186.567
2270	227.747	144.505	186.737
2271	227.803	144.509	186.921
2272	227.857	144.512	187.106
2273	227.9	144.515	187.271
2274	227.938	144.518	187.428
2275	227.976	144.523	187.584
2276	228.005	144.529	187.712
2277	228.005	144.538	187.716
2278	227.998	144.546	187.687
2279	227.993	144.551	187.659
2280	227.96	144.582	187.513
2281	227.928	144.613	187.367
2282	227.895	144.644	187.222
2283	227.862	144.675	187.077
2284	227.83	144.705	186.933
2285	227.797	144.736	186.79
2286	227.765	144.766	186.647
2287	227.732	144.796	186.505
2288	227.7	144.826	186.363
2289	227.667	144.856	186.222
2290	227.635	144.886	186.082
2291	227.602	144.916	185.942
2292	227.57	144.945	185.803
2293	227.538	144.974	185.664
2294	227.505	145.004	185.526
2295	227.473	145.033	185.388
2296	227.441	145.061	185.251
2297	227.49	145.067	185.463
2298	227.539	145.076	185.678
2299	227.584	145.081	185.88
2300	227.628	145.084	186.076
2301	227.674	145.086	186.277
2302	227.727	145.087	186.492
2303	227.79	145.089	186.721
2304	227.856	145.088	186.958
2305	227.925	145.085	187.218
2306	227.99	145.078	187.471
2307	228.045	145.069	187.68
2308	228.09	145.058	187.862
2309	228.128	145.044	188.022
2310	228.16	145.028	188.164
2311	228.189	145.011	188.293

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010046

2312	228.213	144.993	188.409
2313	228.234	144.973	188.511
2314	228.252	144.952	188.599
2315	228.273	144.929	188.685
2316	228.296	144.904	188.771
2317	228.321	144.878	188.859
2318	228.345	144.85	188.948
2319	228.369	144.82	189.039
2320	228.394	144.788	189.131
2321	228.419	144.756	189.223
2322	228.443	144.722	189.314
2323	228.423	144.689	189.211
2324	228.332	144.641	189.081
2325	228.402	144.616	189.338
2326	228.48	144.593	189.629
2327	228.557	144.574	189.913
2328	228.631	144.558	190.178
2329	228.695	144.547	190.412
2330	228.745	144.538	190.619
2331	228.794	144.532	190.818
2332	228.839	144.528	190.998
2333	228.881	144.527	191.162
2334	228.923	144.529	191.318
2335	228.969	144.534	191.474
2336	229.011	144.542	191.629
2337	229.059	144.55	191.789
2338	229.114	144.557	191.959
2339	229.166	144.564	192.128
2340	229.205	144.571	192.272
2341	229.244	144.578	192.419
2342	229.278	144.586	192.555
2343	229.299	144.596	192.636
2344	229.292	144.609	192.597
2345	229.285	144.619	192.556
2346	229.252	144.654	192.393
2347	229.219	144.689	192.231
2348	229.186	144.724	192.07
2349	229.153	144.758	191.909
2350	229.12	144.792	191.749
2351	229.087	144.827	191.589
2352	229.054	144.861	191.431
2353	229.021	144.894	191.272
2354	228.988	144.928	191.115
2355	228.955	144.962	190.958
2356	228.922	144.995	190.802
2357	228.889	145.028	190.647
2358	228.856	145.061	190.492
2359	228.823	145.094	190.337
2360	228.791	145.127	190.184
2361	228.758	145.159	190.031
2362	228.725	145.192	189.879
2363	228.776	145.197	190.084
2364	228.825	145.207	190.288
2365	228.873	145.217	190.491

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010047

2366	228.917	145.225	190.679
2367	228.96	145.23	190.864
2368	229.008	145.235	191.057
2369	229.064	145.24	191.265
2370	229.127	145.244	191.484
2371	229.193	145.246	191.712
2372	229.263	145.246	191.968
2373	229.325	145.242	192.195
2374	229.376	145.236	192.385
2375	229.418	145.227	192.547
2376	229.454	145.217	192.69
2377	229.485	145.204	192.818
2378	229.512	145.191	192.933
2379	229.536	145.176	193.038
2380	229.528	145.161	193.007
2381	229.502	145.146	192.899
2382	229.476	145.132	192.79
2383	229.45	145.117	192.682
2384	229.424	145.102	192.575
2385	229.398	145.088	192.467
2386	229.373	145.073	192.36
2387	229.347	145.058	192.252
2388	229.321	145.043	192.144
2389	229.288	145.025	192.029
2390	229.245	145.002	191.903
2391	229.213	144.984	191.789
2392	229.174	144.962	191.667
2393	229.129	144.938	191.538
2394	229.088	144.915	191.414
2395	229.031	144.885	191.272
2396	228.974	144.854	191.131
2397	228.917	144.824	190.989
2398	228.861	144.793	190.849
2399	228.804	144.762	190.708
2400	228.749	144.732	190.57
2401	228.701	144.706	190.44
2402	228.66	144.683	190.32
2403	228.608	144.654	190.186
2404	228.559	144.627	190.056
2405	228.514	144.602	189.931
2406	228.472	144.578	189.81
2407	228.433	144.555	189.693
2408	228.452	144.537	189.785
2409	228.501	144.53	189.986
2410	228.547	144.526	190.169
2411	228.589	144.524	190.335
2412	228.631	144.526	190.493
2413	228.677	144.531	190.651
2414	228.719	144.538	190.808
2415	228.769	144.545	190.972
2416	228.824	144.552	191.145
2417	228.874	144.558	191.313
2418	228.911	144.564	191.456
2419	228.95	144.57	191.606

737

010048

2420	228.984	144.578	191.741
2421	229.001	144.588	191.806
2422	228.994	144.601	191.768
2423	228.987	144.61	191.729
2424	228.954	144.644	191.569
2425	228.921	144.678	191.41
2426	228.888	144.712	191.251
2427	228.855	144.746	191.093
2428	228.822	144.78	190.936
2429	228.789	144.813	190.779
2430	228.757	144.847	190.623
2431	228.724	144.88	190.468
2432	228.691	144.913	190.313
2433	228.658	144.946	190.159
2434	228.625	144.979	190.005
2435	228.593	145.011	189.852
2436	228.56	145.043	189.7
2437	228.527	145.076	189.548
2438	228.494	145.108	189.398
2439	228.462	145.14	189.247
2440	228.429	145.171	189.097
2441	228.479	145.177	189.304
2442	228.529	145.187	189.509
2443	228.576	145.196	189.712
2444	228.62	145.203	189.9
2445	228.663	145.208	190.087
2446	228.712	145.212	190.284
2447	228.769	145.216	190.495
2448	228.833	145.22	190.718
2449	228.9	145.22	190.952
2450	228.97	145.219	191.216
2451	229.03	145.214	191.439
2452	229.08	145.207	191.626
2453	229.12	145.197	191.786
2454	229.155	145.185	191.927
2455	229.185	145.172	192.053
2456	229.211	145.157	192.166
2457	229.225	145.141	192.23
2458	229.199	145.13	192.133
2459	229.175	145.119	192.039
2460	229.15	145.109	191.945
2461	229.126	145.098	191.851
2462	229.102	145.087	191.758
2463	229.078	145.077	191.665
2464	229.054	145.066	191.572
2465	229.03	145.055	191.479
2466	229.005	145.044	191.387
2467	228.981	145.033	191.295
2468	228.957	145.022	191.203
2469	228.933	145.011	191.111
2470	228.909	145	191.02
2471	228.885	144.989	190.929
2472	228.861	144.978	190.838
2473	228.843	144.971	190.757

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010049

2474	228.826	144.963	190.676
2475	228.808	144.956	190.596
2476	228.789	144.947	190.512
2477	228.763	144.935	190.42
2478	228.766	144.917	190.439
2479	228.783	144.897	190.521
2480	228.803	144.876	190.602
2481	228.826	144.854	190.682
2482	228.85	144.83	190.764
2483	228.874	144.804	190.847
2484	228.897	144.778	190.931
2485	228.921	144.75	191.016
2486	228.945	144.721	191.102
2487	228.969	144.691	191.189
2488	228.993	144.66	191.275
2489	229.017	144.628	191.361
2490	228.996	144.597	191.252
2491	228.975	144.567	191.143
2492	228.954	144.536	191.034
2493	228.955	144.513	190.998
2494	229.033	144.49	191.286
2495	229.11	144.471	191.569
2496	229.185	144.455	191.844
2497	229.257	144.443	192.093
2498	229.283	144.435	192.184
2499	229.238	144.414	192.058
2500	229.21	144.399	191.944
2501	229.183	144.383	191.831
2502	229.156	144.368	191.72
2503	229.129	144.353	191.609
2504	229.102	144.337	191.502
2505	229.076	144.321	191.395
2506	229.05	144.306	191.29
2507	229.024	144.29	191.184
2508	228.998	144.274	191.078
2509	228.972	144.259	190.972
2510	228.945	144.243	190.867
2511	228.919	144.227	190.762
2512	228.893	144.211	190.657
2513	228.867	144.195	190.552
2514	228.84	144.179	190.447
2515	228.814	144.163	190.343
2516	228.788	144.147	190.239
2517	228.762	144.131	190.136
2518	228.736	144.114	190.033
2519	228.709	144.098	189.93
2520	228.683	144.082	189.827
2521	228.657	144.066	189.724
2522	228.631	144.049	189.622
2523	228.604	144.033	189.519
2524	228.578	144.016	189.416
2525	228.585	144.009	189.442
2526	228.634	144.004	189.642
2527	228.677	144.001	189.819

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010050

2528	228.719	144.001	189.981
2529	228.762	144.004	190.139
2530	228.807	144.01	190.297
2531	228.847	144.019	190.452
2532	228.9	144.027	190.62
2533	228.954	144.034	190.792
2534	229.001	144.04	190.952
2535	229.038	144.047	191.096
2536	229.077	144.055	191.248
2537	229.109	144.063	191.375
2538	229.116	144.074	191.402
2539	229.11	144.087	191.363
2540	229.104	144.095	191.324
2541	229.07	144.13	191.164
2542	229.037	144.164	191.004
2543	229.004	144.198	190.845
2544	228.97	144.233	190.687
2545	228.937	144.267	190.529
2546	228.904	144.301	190.372
2547	228.871	144.334	190.216
2548	228.838	144.368	190.06
2549	228.805	144.401	189.905
2550	228.772	144.435	189.75
2551	228.739	144.468	189.596
2552	228.706	144.501	189.443
2553	228.673	144.533	189.291
2554	228.64	144.566	189.139
2555	228.607	144.598	188.987
2556	228.574	144.631	188.837
2557	228.541	144.663	188.687
2558	228.591	144.67	188.891
2559	228.64	144.681	189.096
2560	228.686	144.69	189.293
2561	228.729	144.696	189.481
2562	228.773	144.701	189.669
2563	228.824	144.706	189.87
2564	228.883	144.711	190.085
2565	228.948	144.714	190.309
2566	229.015	144.714	190.551
2567	229.083	144.713	190.806
2568	229.14	144.708	191.016
2569	229.187	144.701	191.195
2570	229.226	144.691	191.349
2571	229.259	144.68	191.486
2572	229.288	144.667	191.609
2573	229.312	144.653	191.72
2574	229.334	144.638	191.819
2575	229.353	144.621	191.904
2576	229.37	144.603	191.98
2577	229.39	144.584	192.056
2578	229.413	144.563	192.131
2579	229.436	144.541	192.208
2580	229.459	144.517	192.287
2581	229.482	144.492	192.367

740

010051

2582	229.505	144.466	192.448
2583	229.528	144.439	192.53
2584	229.551	144.41	192.611
2585	229.574	144.381	192.693
2586	229.587	144.351	192.729
2587	229.497	144.308	192.588
2588	229.407	144.264	192.446
2589	229.318	144.221	192.305
2590	229.24	144.18	192.17
2591	229.163	144.14	192.034
2592	229.086	144.099	191.899
2593	229.001	144.056	191.761
2594	228.914	144.013	191.622
2595	228.826	143.97	191.483
2596	228.74	143.927	191.346
2597	228.675	143.889	191.217
2598	228.631	143.855	191.097
2599	228.607	143.826	190.985
2600	228.586	143.797	190.875
2601	228.565	143.768	190.765
2602	228.543	143.74	190.656
2603	228.522	143.711	190.548
2604	228.501	143.682	190.44
2605	228.48	143.653	190.333
2606	228.459	143.624	190.226
2607	228.536	143.602	190.514
2608	228.613	143.584	190.798
2609	228.689	143.568	191.076
2610	228.761	143.557	191.331
2611	228.82	143.549	191.552
2612	228.869	143.544	191.751
2613	228.916	143.542	191.94
2614	228.959	143.542	192.107
2615	229	143.545	192.261
2616	229.043	143.552	192.411
2617	229.087	143.561	192.56
2618	229.127	143.572	192.707
2619	229.181	143.582	192.868
2620	229.234	143.592	193.032
2621	229.28	143.601	193.184
2622	229.317	143.609	193.321
2623	229.356	143.619	193.465
2624	229.387	143.63	193.584
2625	229.394	143.643	193.601
2626	229.387	143.657	193.555
2627	229.381	143.666	193.511
2628	229.347	143.703	193.341
2629	229.314	143.74	193.173
2630	229.28	143.776	193.005
2631	229.247	143.813	192.838
2632	229.213	143.849	192.671
2633	229.18	143.885	192.506
2634	229.147	143.921	192.341
2635	229.113	143.956	192.176

741

2636	229.08	143.992	192.013
2637	229.047	144.027	191.85
2638	229.013	144.062	191.687
2639	228.98	144.097	191.526
2640	228.947	144.132	191.364
2641	228.914	144.167	191.204
2642	228.88	144.201	191.044
2643	228.847	144.236	190.885
2644	228.814	144.27	190.727
2645	228.864	144.278	190.928
2646	228.913	144.291	191.128
2647	228.959	144.302	191.319
2648	229.002	144.31	191.5
2649	229.046	144.317	191.682
2650	229.096	144.323	191.878
2651	229.156	144.33	192.086
2652	229.22	144.336	192.305
2653	229.288	144.338	192.54
2654	229.355	144.339	192.788
2655	229.411	144.336	192.99
2656	229.458	144.331	193.162
2657	229.496	144.324	193.309
2658	229.529	144.315	193.439
2659	229.557	144.304	193.555
2660	229.581	144.293	193.66
2661	229.602	144.28	193.752
2662	229.621	144.265	193.831
2663	229.637	144.25	193.901
2664	229.656	144.233	193.97
2665	229.678	144.215	194.039
2666	229.7	144.196	194.11
2667	229.723	144.175	194.181
2668	229.745	144.153	194.255
2669	229.768	144.129	194.329
2670	229.79	144.105	194.404
2671	229.813	144.08	194.48
2672	229.835	144.053	194.556
2673	229.858	144.026	194.632
2674	229.824	144.002	194.513
2675	229.809	143.983	194.405
2676	229.795	143.964	194.297
2677	229.781	143.945	194.19
2678	229.766	143.926	194.082
2679	229.73	143.901	193.963
2680	229.661	143.867	193.829
2681	229.569	143.825	193.682
2682	229.532	143.796	193.557
2683	229.509	143.77	193.44
2684	229.487	143.743	193.324
2685	229.466	143.717	193.209
2686	229.444	143.69	193.095
2687	229.422	143.664	192.981
2688	229.4	143.637	192.867
2689	229.378	143.611	192.753

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010052

010053

2690	229.356	143.585	192.64
2691	229.334	143.558	192.527
2692	229.312	143.532	192.414
2693	229.291	143.505	192.301
2694	229.269	143.479	192.189
2695	229.247	143.452	192.077
2696	229.225	143.426	191.965
2697	229.203	143.399	191.854
2698	229.181	143.372	191.742
2699	229.159	143.346	191.631
2700	229.137	143.319	191.52
2701	229.115	143.293	191.41
2702	229.093	143.266	191.299
2703	229.071	143.239	191.189
2704	229.049	143.213	191.079
2705	229.027	143.186	190.97
2706	229.005	143.16	190.86
2707	228.983	143.133	190.751
2708	228.961	143.106	190.642
2709	228.939	143.08	190.534
2710	228.918	143.053	190.425
2711	228.896	143.026	190.317
2712	228.874	143	190.209
2713	228.852	142.973	190.102
2714	228.83	142.946	189.994
2715	228.808	142.92	189.887
2716	228.786	142.893	189.78
2717	228.763	142.866	189.673
2718	228.741	142.839	189.567
2719	228.719	142.813	189.461
2720	228.697	142.786	189.355
2721	228.675	142.759	189.249
2722	228.653	142.732	189.144
2723	228.632	142.706	189.039
2724	228.61	142.679	188.936
2725	228.588	142.652	188.833
2726	228.567	142.625	188.731
2727	228.545	142.598	188.63
2728	228.524	142.572	188.529
2729	228.503	142.545	188.428
2730	228.481	142.518	188.328
2731	228.46	142.491	188.228
2732	228.439	142.464	188.128
2733	228.418	142.437	188.028
2734	228.396	142.411	187.929
2735	228.448	142.391	188.117
2736	228.524	142.374	188.404
2737	228.599	142.36	188.684
2738	228.67	142.35	188.942
2739	228.728	142.344	189.166
2740	228.777	142.34	189.367
2741	228.823	142.339	189.558
2742	228.865	142.34	189.728
2743	228.906	142.344	189.884

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2744	228.948	142.351	190.037
2745	228.991	142.361	190.189
2746	229.031	142.373	190.339
2747	229.084	142.383	190.502
2748	229.137	142.393	190.669
2749	229.182	142.402	190.824
2750	229.219	142.411	190.963
2751	229.258	142.421	191.109
2752	229.289	142.432	191.231
2753	229.296	142.444	191.252
2754	229.289	142.458	191.208
2755	229.282	142.468	191.166
2756	229.248	142.504	191.001
2757	229.214	142.541	190.836
2758	229.18	142.577	190.672
2759	229.147	142.613	190.509
2760	229.113	142.649	190.347
2761	229.079	142.685	190.185
2762	229.045	142.721	190.023
2763	229.011	142.756	189.863
2764	228.977	142.791	189.703
2765	228.944	142.827	189.544
2766	228.91	142.862	189.385
2767	228.876	142.896	189.227
2768	228.843	142.931	189.07
2769	228.809	142.966	188.913
2770	228.775	143	188.757
2771	228.742	143.034	188.602
2772	228.708	143.068	188.447
2773	228.757	143.076	188.649
2774	228.806	143.089	188.85
2775	228.852	143.099	189.043
2776	228.895	143.108	189.226
2777	228.938	143.115	189.41
2778	228.989	143.122	189.607
2779	229.048	143.129	189.817
2780	229.112	143.135	190.037
2781	229.179	143.138	190.274
2782	229.245	143.139	190.525
2783	229.301	143.137	190.729
2784	229.347	143.133	190.903
2785	229.384	143.127	191.053
2786	229.417	143.119	191.186
2787	229.445	143.11	191.305
2788	229.469	143.099	191.413
2789	229.489	143.088	191.51
2790	229.462	143.077	191.4
2791	229.435	143.067	191.29
2792	229.407	143.056	191.18
2793	229.38	143.045	191.07
2794	229.353	143.034	190.962
2795	229.325	143.023	190.854
2796	229.298	143.012	190.746
2797	229.271	143.001	190.638

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010054

010055

2798	229.244	142.99	190.531
2799	229.217	142.979	190.423
2800	229.189	142.968	190.316
2801	229.162	142.956	190.209
2802	229.135	142.945	190.102
2803	229.107	142.933	189.996
2804	229.08	142.922	189.89
2805	229.053	142.91	189.783
2806	229.025	142.899	189.677
2807	228.998	142.887	189.571
2808	228.971	142.875	189.466
2809	228.989	142.861	189.553
2810	229.004	142.846	189.63
2811	229.023	142.83	189.706
2812	229.043	142.812	189.783
2813	229.065	142.794	189.86
2814	229.086	142.773	189.938
2815	229.108	142.752	190.018
2816	229.13	142.73	190.099
2817	229.151	142.707	190.181
2818	229.173	142.682	190.263
2819	229.195	142.657	190.346
2820	229.216	142.632	190.428
2821	229.238	142.606	190.51
2822	229.259	142.579	190.592
2823	229.245	142.554	190.52
2824	229.232	142.528	190.453
2825	229.216	142.503	190.377
2826	229.199	142.478	190.291
2827	229.179	142.453	190.197
2828	229.158	142.428	190.095
2829	229.136	142.403	189.989
2830	229.113	142.378	189.88
2831	229.089	142.353	189.77
2832	229.066	142.329	189.66
2833	229.043	142.304	189.55
2834	229.019	142.279	189.441
2835	228.996	142.254	189.332
2836	228.973	142.229	189.223
2837	228.95	142.204	189.115
2838	228.926	142.179	189.006
2839	228.903	142.154	188.898
2840	228.879	142.129	188.79
2841	228.856	142.104	188.682
2842	228.833	142.079	188.575
2843	228.786	142.049	188.457
2844	228.711	142.014	188.33
2845	228.689	141.995	188.231
2846	228.674	141.977	188.136
2847	228.659	141.959	188.044
2848	228.645	141.941	187.955
2849	228.631	141.924	187.866
2850	228.618	141.906	187.777
2851	228.653	141.888	187.899

745

2852	228.728	141.871	188.185
2853	228.803	141.857	188.467
2854	228.876	141.846	188.739
2855	228.945	141.838	188.987
2856	228.999	141.834	189.201
2857	229.046	141.832	189.399
2858	229.091	141.833	189.584
2859	229.132	141.836	189.748
2860	229.172	141.842	189.901
2861	229.214	141.85	190.052
2862	229.256	141.862	190.202
2863	229.298	141.875	190.351
2864	229.353	141.886	190.515
2865	229.405	141.897	190.681
2866	229.448	141.907	190.829
2867	229.485	141.917	190.968
2868	229.522	141.928	191.108
2869	229.551	141.939	191.223
2870	229.551	141.953	191.216
2871	229.544	141.966	191.171
2872	229.539	141.974	191.129
2873	229.504	142.012	190.962
2874	229.47	142.049	190.796
2875	229.436	142.086	190.63
2876	229.402	142.123	190.466
2877	229.367	142.159	190.301
2878	229.333	142.196	190.138
2879	229.299	142.232	189.975
2880	229.265	142.268	189.813
2881	229.231	142.304	189.652
2882	229.197	142.34	189.491
2883	229.163	142.376	189.331
2884	229.129	142.411	189.172
2885	229.095	142.447	189.013
2886	229.061	142.482	188.855
2887	229.027	142.517	188.697
2888	228.993	142.551	188.54
2889	228.959	142.586	188.384
2890	229.009	142.595	188.585
2891	229.057	142.609	188.785
2892	229.102	142.619	188.974
2893	229.145	142.628	189.155
2894	229.189	142.635	189.34
2895	229.241	142.643	189.539
2896	229.302	142.651	189.751
2897	229.366	142.657	189.971
2898	229.433	142.661	190.213
2899	229.498	142.663	190.453
2900	229.552	142.662	190.651
2901	229.597	142.658	190.823
2902	229.634	142.653	190.972
2903	229.667	142.647	191.106
2904	229.693	142.639	191.218
2905	229.67	142.633	191.12

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010056

2906	229.647	142.626	191.024
2907	229.625	142.62	190.931
2908	229.603	142.613	190.841
2909	229.582	142.606	190.753
2910	229.56	142.599	190.666
2911	229.539	142.592	190.579
2912	229.518	142.585	190.492
2913	229.497	142.578	190.405
2914	229.476	142.571	190.319
2915	229.454	142.564	190.233
2916	229.433	142.556	190.147
2917	229.412	142.549	190.061
2918	229.391	142.542	189.976
2919	229.37	142.534	189.891
2920	229.349	142.527	189.806
2921	229.328	142.519	189.721
2922	229.307	142.512	189.637
2923	229.285	142.504	189.553
2924	229.264	142.497	189.469
2925	229.243	142.489	189.386
2926	229.221	142.481	189.299
2927	229.2	142.473	189.212
2928	229.178	142.466	189.125
2929	229.155	142.458	189.038
2930	229.133	142.45	188.95
2931	229.144	142.441	189.004
2932	229.168	142.43	189.117
2933	229.189	142.419	189.222
2934	229.208	142.407	189.317
2935	229.226	142.394	189.402
2936	229.241	142.38	189.478
2937	229.257	142.366	189.554
2938	229.276	142.35	189.629
2939	229.296	142.334	189.704
2940	229.317	142.317	189.779
2941	229.338	142.298	189.856
2942	229.359	142.279	189.933
2943	229.38	142.26	190.012
2944	229.401	142.239	190.091
2945	229.422	142.218	190.17
2946	229.443	142.197	190.25
2947	229.463	142.174	190.33
2948	229.484	142.151	190.411
2949	229.505	142.128	190.491
2950	229.525	142.104	190.571
2951	229.546	142.08	190.652
2952	229.566	142.055	190.731
2953	229.55	142.032	190.65
2954	229.533	142.008	190.569
2955	229.516	141.985	190.488
2956	229.499	141.962	190.407
2957	229.482	141.938	190.327
2958	229.465	141.915	190.246
2959	229.449	141.891	190.167

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010057

2960	229.432	141.868	190.09
2961	229.416	141.845	190.013
2962	229.401	141.821	189.939
2963	229.385	141.798	189.866
2964	229.37	141.774	189.794
2965	229.355	141.751	189.722
2966	229.34	141.727	189.651
2967	229.325	141.704	189.581
2968	229.31	141.681	189.512
2969	229.296	141.657	189.443
2970	229.281	141.634	189.374
2971	229.266	141.61	189.304
2972	229.251	141.587	189.234
2973	229.236	141.564	189.164
2974	229.221	141.54	189.094
2975	229.206	141.517	189.025
2976	229.191	141.494	188.956
2977	229.176	141.471	188.887
2978	229.161	141.447	188.818
2979	229.146	141.424	188.75
2980	229.13	141.401	188.681
2981	229.115	141.378	188.612
2982	229.1	141.354	188.544
2983	229.085	141.331	188.476
2984	229.07	141.308	188.407
2985	229.055	141.285	188.339
2986	229.04	141.262	188.271
2987	229.025	141.238	188.204
2988	229.01	141.215	188.136
2989	228.993	141.192	188.063
2990	228.975	141.169	187.982
2991	228.955	141.146	187.895
2992	228.934	141.123	187.801
2993	228.945	141.108	187.82
2994	229.018	141.094	188.104
2995	229.019	141.084	188.072
2996	228.994	141.066	187.962
2997	228.97	141.048	187.852
2998	228.946	141.03	187.742
2999	228.921	141.012	187.634
3000	228.897	140.994	187.526
3001	228.874	140.976	187.42
3002	228.85	140.958	187.314
3003	228.826	140.94	187.207
3004	228.802	140.922	187.1
3005	228.777	140.904	186.992
3006	228.753	140.886	186.883
3007	228.728	140.867	186.775
3008	228.704	140.849	186.666
3009	228.679	140.831	186.556
3010	228.747	140.82	186.813
3011	228.817	140.812	187.075
3012	228.878	140.808	187.306
3013	228.925	140.806	187.509

3014	228.971	140.807	187.703
3015	229.013	140.81	187.878
3016	229.052	140.815	188.037
3017	229.092	140.823	188.19
3018	229.136	140.834	188.342
3019	229.175	140.847	188.492
3020	229.224	140.86	188.651
3021	229.277	140.871	188.818
3022	229.325	140.882	188.979
3023	229.361	140.892	189.116
3024	229.399	140.903	189.261
3025	229.432	140.914	189.389
3026	229.446	140.926	189.445
3027	229.439	140.941	189.402
3028	229.432	140.952	189.36
3029	229.397	140.989	189.196
3030	229.363	141.027	189.032
3031	229.328	141.064	188.869
3032	229.294	141.1	188.707
3033	229.259	141.137	188.545
3034	229.225	141.174	188.384
3035	229.19	141.21	188.224
3036	229.156	141.246	188.064
3037	229.121	141.282	187.905
3038	229.087	141.318	187.747
3039	229.052	141.353	187.59
3040	229.018	141.389	187.433
3041	228.984	141.424	187.276
3042	228.949	141.459	187.121
3043	228.915	141.494	186.966
3044	228.881	141.529	186.811
3045	228.847	141.564	186.657
3046	228.897	141.571	186.859
3047	228.945	141.583	187.06
3048	228.992	141.594	187.257
3049	229.035	141.604	187.44
3050	229.077	141.612	187.621
3051	229.125	141.62	187.813
3052	229.181	141.629	188.02
3053	229.243	141.636	188.237
3054	229.308	141.642	188.466
3055	229.377	141.645	188.725
3056	229.435	141.646	188.941
3057	229.482	141.645	189.122
3058	229.52	141.641	189.277
3059	229.553	141.635	189.414
3060	229.58	141.629	189.536
3061	229.604	141.621	189.647
3062	229.624	141.612	189.747
3063	229.642	141.602	189.835
3064	229.657	141.591	189.912
3065	229.673	141.58	189.984
3066	229.69	141.567	190.055
3067	229.71	141.553	190.127

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010059

3068	229.73	141.537	190.199
3069	229.706	141.523	190.085
3070	229.682	141.509	189.971
3071	229.659	141.495	189.857
3072	229.635	141.481	189.743
3073	229.611	141.467	189.628
3074	229.587	141.452	189.514
3075	229.563	141.438	189.4
3076	229.583	141.421	189.475
3077	229.603	141.404	189.552
3078	229.622	141.385	189.63
3079	229.642	141.366	189.709
3080	229.662	141.345	189.788
3081	229.682	141.324	189.868
3082	229.701	141.302	189.947
3083	229.719	141.28	190.018
3084	229.792	141.267	190.298
3085	229.865	141.257	190.572
3086	229.936	141.251	190.83
3087	229.959	141.249	190.891
3088	229.931	141.24	190.77
3089	229.903	141.23	190.653
3090	229.876	141.221	190.536
3091	229.849	141.211	190.421
3092	229.822	141.201	190.308
3093	229.796	141.192	190.197
3094	229.771	141.182	190.088
3095	229.745	141.172	189.982
3096	229.72	141.162	189.876
3097	229.695	141.152	189.768
3098	229.669	141.141	189.661
3099	229.643	141.131	189.554
3100	229.617	141.121	189.444
3101	229.59	141.111	189.331
3102	229.563	141.101	189.217
3103	229.535	141.09	189.101
3104	229.481	141.069	188.964
3105	229.416	141.045	188.82
3106	229.362	141.026	188.688
3107	229.319	141.012	188.567
3108	229.266	140.994	188.436
3109	229.197	140.967	188.29
3110	229.138	140.943	188.151
3111	229.105	140.93	188.033
3112	229.075	140.919	187.918
3113	229.122	140.917	188.121
3114	229.168	140.918	188.314
3115	229.211	140.921	188.491
3116	229.25	140.926	188.65
3117	229.29	140.934	188.801
3118	229.334	140.945	188.952
3119	229.373	140.958	189.101
3120	229.42	140.972	189.257
3121	229.474	140.983	189.422

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010060

3122	229.523	140.995	189.585
3123	229.56	141.005	189.722
3124	229.598	141.016	189.865
3125	229.631	141.027	189.994
3126	229.649	141.039	190.061
3127	229.641	141.055	190.018
3128	229.634	141.066	189.974
3129	229.599	141.104	189.808
3130	229.565	141.141	189.643
3131	229.53	141.179	189.478
3132	229.495	141.216	189.314
3133	229.461	141.253	189.151
3134	229.426	141.29	188.988
3135	229.392	141.326	188.826
3136	229.357	141.363	188.665
3137	229.323	141.399	188.504
3138	229.288	141.435	188.344
3139	229.254	141.471	188.185
3140	229.22	141.507	188.027
3141	229.185	141.543	187.869
3142	229.151	141.578	187.711
3143	229.117	141.613	187.555
3144	229.082	141.649	187.399
3145	229.048	141.683	187.243
3146	229.098	141.69	187.445
3147	229.147	141.702	187.645
3148	229.194	141.714	187.842
3149	229.237	141.724	188.024
3150	229.279	141.733	188.205
3151	229.326	141.741	188.395
3152	229.381	141.75	188.598
3153	229.444	141.758	188.814
3154	229.509	141.764	189.039
3155	229.577	141.768	189.293
3156	229.636	141.769	189.512
3157	229.684	141.768	189.695
3158	229.723	141.765	189.851
3159	229.756	141.76	189.988
3160	229.784	141.754	190.11
3161	229.807	141.746	190.219
3162	229.827	141.738	190.318
3163	229.845	141.728	190.403
3164	229.859	141.717	190.476
3165	229.875	141.705	190.547
3166	229.893	141.692	190.618
3167	229.913	141.677	190.688
3168	229.933	141.661	190.761
3169	229.953	141.645	190.835
3170	229.973	141.627	190.91
3171	229.993	141.608	190.986
3172	230.066	141.598	191.259
3173	230.136	141.592	191.514
3174	230.197	141.589	191.738
3175	230.244	141.589	191.932

3176	230.29	141.592	192.117
3177	230.288	141.597	192.1
3178	230.261	141.594	191.986
3179	230.235	141.591	191.873
3180	230.208	141.588	191.761
3181	230.181	141.585	191.649
3182	230.155	141.581	191.537
3183	230.129	141.578	191.428
3184	230.103	141.574	191.319
3185	230.077	141.57	191.212
3186	230.051	141.567	191.105
3187	230.026	141.563	190.998
3188	230	141.559	190.891
3189	229.974	141.555	190.784
3190	229.948	141.551	190.677
3191	229.922	141.547	190.57
3192	229.896	141.542	190.464
3193	229.87	141.538	190.358
3194	229.844	141.534	190.252
3195	229.818	141.529	190.145
3196	229.791	141.525	190.037
3197	229.748	141.511	189.904
3198	229.687	141.488	189.746
3199	229.639	141.472	189.61
3200	229.611	141.469	189.511
3201	229.593	141.473	189.432
3202	229.576	141.476	189.354
3203	229.558	141.479	189.277
3204	229.541	141.483	189.201
3205	229.524	141.486	189.124
3206	229.507	141.489	189.047
3207	229.489	141.492	188.971
3208	229.472	141.495	188.894
3209	229.454	141.498	188.818
3210	229.437	141.501	188.743
3211	229.42	141.504	188.667
3212	229.402	141.507	188.592
3213	229.385	141.51	188.518
3214	229.368	141.512	188.443
3215	229.351	141.515	188.369
3216	229.334	141.517	188.295
3217	229.316	141.52	188.222
3218	229.299	141.522	188.148
3219	229.282	141.525	188.075
3220	229.265	141.527	188.001
3221	229.244	141.527	187.92
3222	229.212	141.52	187.82
3223	229.17	141.506	187.701
3224	229.116	141.485	187.562
3225	229.117	141.488	187.567
3226	229.157	141.491	187.728
3227	229.198	141.498	187.884
3228	229.242	141.508	188.039
3229	229.281	141.519	188.193

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010062

010063

3230	229.331	141.531	188.356
3231	229.384	141.54	188.526
3232	229.431	141.55	188.688
3233	229.467	141.559	188.828
3234	229.506	141.568	188.977
3235	229.538	141.578	189.106
3236	229.55	141.59	189.155
3237	229.543	141.605	189.115
3238	229.536	141.614	189.075
3239	229.502	141.651	188.914
3240	229.467	141.687	188.753
3241	229.433	141.723	188.593
3242	229.399	141.759	188.434
3243	229.364	141.794	188.276
3244	229.33	141.83	188.118
3245	229.296	141.865	187.961
3246	229.262	141.9	187.804
3247	229.227	141.935	187.649
3248	229.193	141.97	187.493
3249	229.159	142.005	187.339
3250	229.125	142.039	187.185
3251	229.091	142.074	187.032
3252	229.057	142.108	186.879
3253	229.023	142.142	186.727
3254	228.989	142.176	186.576
3255	228.955	142.209	186.425
3256	229.004	142.216	186.629
3257	229.053	142.228	186.831
3258	229.1	142.239	187.029
3259	229.142	142.247	187.214
3260	229.185	142.254	187.398
3261	229.233	142.261	187.594
3262	229.29	142.268	187.804
3263	229.353	142.275	188.025
3264	229.419	142.279	188.259
3265	229.487	142.281	188.52
3266	229.544	142.28	188.735
3267	229.591	142.277	188.917
3268	229.629	142.271	189.073
3269	229.662	142.264	189.211
3270	229.689	142.256	189.334
3271	229.713	142.247	189.446
3272	229.733	142.236	189.546
3273	229.75	142.224	189.633
3274	229.765	142.211	189.709
3275	229.781	142.197	189.783
3276	229.8	142.182	189.857
3277	229.821	142.166	189.932
3278	229.841	142.148	190.008
3279	229.862	142.13	190.085
3280	229.882	142.11	190.164
3281	229.902	142.089	190.243
3282	229.923	142.068	190.323
3283	229.943	142.045	190.403

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010064

3284	229.963	142.022	190.483
3285	229.983	141.998	190.563
3286	229.972	141.975	190.507
3287	229.947	141.952	190.397
3288	229.923	141.93	190.286
3289	229.899	141.907	190.176
3290	229.875	141.885	190.066
3291	229.851	141.862	189.957
3292	229.826	141.839	189.848
3293	229.802	141.816	189.738
3294	229.778	141.794	189.63
3295	229.754	141.771	189.521
3296	229.73	141.748	189.413
3297	229.706	141.725	189.305
3298	229.681	141.703	189.197
3299	229.657	141.68	189.089
3300	229.633	141.657	188.982
3301	229.609	141.634	188.875
3302	229.585	141.611	188.768
3303	229.561	141.588	188.661
3304	229.537	141.565	188.555
3305	229.512	141.542	188.449
3306	229.508	141.527	188.402
3307	229.581	141.511	188.687
3308	229.655	141.499	188.966
3309	229.727	141.491	189.235
3310	229.793	141.485	189.474
3311	229.843	141.483	189.68
3312	229.89	141.484	189.873
3313	229.933	141.487	190.051
3314	229.973	141.492	190.21
3315	230.011	141.499	190.359
3316	230.054	141.51	190.507
3317	230.095	141.523	190.654
3318	230.139	141.537	190.805
3319	230.193	141.549	190.967
3320	230.245	141.561	191.131
3321	230.284	141.572	191.271
3322	230.321	141.583	191.41
3323	230.356	141.595	191.542
3324	230.379	141.607	191.631
3325	230.373	141.622	191.595
3326	230.366	141.635	191.549
3327	230.362	141.644	191.505
3328	230.327	141.682	191.336
3329	230.292	141.72	191.168
3330	230.258	141.758	191
3331	230.223	141.796	190.832
3332	230.188	141.833	190.666
3333	230.154	141.871	190.5
3334	230.119	141.908	190.335
3335	230.085	141.945	190.171
3336	230.05	141.982	190.007
3337	230.016	142.018	189.844

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010065

3338	229.981	142.055	189.682
3339	229.947	142.091	189.52
3340	229.912	142.127	189.359
3341	229.878	142.163	189.199
3342	229.844	142.199	189.039
3343	229.809	142.235	188.88
3344	229.775	142.27	188.721
3345	229.824	142.281	188.92
3346	229.872	142.295	189.119
3347	229.916	142.305	189.303
3348	229.958	142.314	189.482
3349	230.004	142.323	189.668
3350	230.057	142.331	189.868
3351	230.119	142.34	190.081
3352	230.183	142.347	190.301
3353	230.251	142.352	190.547
3354	230.312	142.353	190.774
3355	230.362	142.353	190.961
3356	230.403	142.35	191.12
3357	230.437	142.345	191.259
3358	230.466	142.339	191.382
3359	230.49	142.332	191.492
3360	230.511	142.323	191.591
3361	230.529	142.313	191.678
3362	230.544	142.303	191.752
3363	230.559	142.291	191.821
3364	230.577	142.278	191.89
3365	230.597	142.263	191.958
3366	230.617	142.248	192.029
3367	230.637	142.231	192.1
3368	230.656	142.213	192.173
3369	230.676	142.195	192.247
3370	230.696	142.175	192.322
3371	230.715	142.154	192.397
3372	230.735	142.133	192.473
3373	230.754	142.111	192.548
3374	230.774	142.088	192.623
3375	230.749	142.067	192.507
3376	230.724	142.046	192.39
3377	230.699	142.026	192.274
3378	230.674	142.005	192.159
3379	230.649	141.983	192.043
3380	230.624	141.962	191.928
3381	230.599	141.941	191.813
3382	230.574	141.92	191.699
3383	230.549	141.899	191.584
3384	230.524	141.878	191.47
3385	230.499	141.857	191.357
3386	230.474	141.835	191.243
3387	230.45	141.814	191.131
3388	230.426	141.793	191.021
3389	230.402	141.771	190.914
3390	230.379	141.75	190.81
3391	230.452	141.736	191.09

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010066

3392	230.525	141.725	191.366
3393	230.597	141.718	191.629
3394	230.661	141.715	191.861
3395	230.709	141.715	192.057
3396	230.754	141.717	192.243
3397	230.756	141.722	192.243
3398	230.729	141.719	192.131
3399	230.703	141.716	192.018
3400	230.676	141.713	191.905
3401	230.648	141.709	191.791
3402	230.614	141.702	191.668
3403	230.587	141.699	191.557
3404	230.561	141.695	191.446
3405	230.534	141.692	191.336
3406	230.508	141.688	191.227
3407	230.481	141.684	191.118
3408	230.455	141.68	191.009
3409	230.428	141.676	190.9
3410	230.402	141.672	190.791
3411	230.375	141.668	190.683
3412	230.348	141.664	190.575
3413	230.322	141.66	190.467
3414	230.296	141.656	190.36
3415	230.303	141.66	190.385
3416	230.342	141.667	190.537
3417	230.383	141.677	190.686
3418	230.425	141.689	190.834
3419	230.465	141.703	190.98
3420	230.518	141.716	191.141
3421	230.571	141.728	191.304
3422	230.614	141.739	191.452
3423	230.651	141.749	191.588
3424	230.688	141.761	191.729
3425	230.718	141.773	191.844
3426	230.722	141.787	191.849
3427	230.714	141.802	191.802
3428	230.708	141.811	191.758
3429	230.673	141.85	191.588
3430	230.638	141.888	191.419
3431	230.604	141.926	191.251
3432	230.569	141.964	191.084
3433	230.534	142.001	190.917
3434	230.5	142.039	190.751
3435	230.465	142.076	190.586
3436	230.43	142.113	190.421
3437	230.396	142.15	190.257
3438	230.361	142.187	190.094
3439	230.327	142.223	189.931
3440	230.292	142.26	189.769
3441	230.258	142.296	189.608
3442	230.223	142.332	189.447
3443	230.189	142.368	189.287
3444	230.154	142.404	189.128
3445	230.12	142.439	188.969

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3446	230.169	142.449	189.168
3447	230.218	142.463	189.367
3448	230.263	142.474	189.555
3449	230.305	142.484	189.735
3450	230.349	142.492	189.917
3451	230.4	142.501	190.111
3452	230.459	142.51	190.32
3453	230.523	142.517	190.538
3454	230.589	142.523	190.774
3455	230.654	142.525	191.016
3456	230.708	142.526	191.213
3457	230.751	142.523	191.381
3458	230.787	142.519	191.525
3459	230.818	142.513	191.653
3460	230.843	142.506	191.767
3461	230.865	142.498	191.869
3462	230.884	142.489	191.959
3463	230.9	142.478	192.037
3464	230.914	142.467	192.105
3465	230.931	142.454	192.174
3466	230.95	142.44	192.242
3467	230.97	142.425	192.312
3468	230.99	142.408	192.383
3469	231.009	142.391	192.456
3470	231.029	142.372	192.53
3471	231.048	142.352	192.604
3472	231.068	142.332	192.679
3473	231.087	142.31	192.754
3474	231.16	142.298	193.031
3475	231.233	142.288	193.302
3476	231.304	142.282	193.556
3477	231.365	142.28	193.779
3478	231.412	142.28	193.971
3479	231.458	142.283	194.153
3480	231.464	142.289	194.169
3481	231.408	142.27	194.006
3482	231.347	142.249	193.837
3483	231.291	142.231	193.678
3484	231.241	142.216	193.528
3485	231.195	142.205	193.389
3486	231.134	142.183	193.22
3487	231.074	142.162	193.056
3488	231.018	142.143	192.897
3489	230.96	142.123	192.737
3490	230.901	142.102	192.574
3491	230.85	142.086	192.428
3492	230.8	142.071	192.282
3493	230.749	142.055	192.137
3494	230.699	142.039	191.992
3495	230.649	142.023	191.848
3496	230.596	142.006	191.699
3497	230.539	141.985	191.544
3498	230.479	141.963	191.383
3499	230.42	141.941	191.223

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3500	230.367	141.922	191.073
3501	230.319	141.906	190.931
3502	230.259	141.883	190.771
3503	230.201	141.861	190.614
3504	230.145	141.84	190.461
3505	230.091	141.82	190.312
3506	230.034	141.799	190.158
3507	230.017	141.793	190.092
3508	230.04	141.785	190.2
3509	230.059	141.776	190.295
3510	230.076	141.766	190.377
3511	230.098	141.768	190.471
3512	230.078	141.769	190.385
3513	230.016	141.745	190.231
3514	229.955	141.722	190.076
3515	229.894	141.698	189.923
3516	229.833	141.674	189.769
3517	229.805	141.667	189.663
3518	229.777	141.661	189.557
3519	229.749	141.654	189.452
3520	229.722	141.647	189.347
3521	229.694	141.64	189.242
3522	229.666	141.633	189.137
3523	229.639	141.626	189.033
3524	229.611	141.619	188.929
3525	229.583	141.612	188.825
3526	229.556	141.605	188.721
3527	229.528	141.598	188.619
3528	229.501	141.59	188.518
3529	229.474	141.583	188.419
3530	229.448	141.575	188.322
3531	229.422	141.567	188.228
3532	229.397	141.56	188.136
3533	229.372	141.552	188.046
3534	229.347	141.544	187.958
3535	229.324	141.536	187.874
3536	229.3	141.528	187.792
3537	229.28	141.519	187.721
3538	229.3	141.509	187.825
3539	229.318	141.498	187.919
3540	229.291	141.489	187.82
3541	229.265	141.479	187.732
3542	229.24	141.469	187.64
3543	229.213	141.46	187.546
3544	229.186	141.45	187.449
3545	229.16	141.44	187.354
3546	229.133	141.43	187.258
3547	229.105	141.421	187.159
3548	229.077	141.411	187.06
3549	229.049	141.401	186.958
3550	229.02	141.391	186.857
3551	228.992	141.381	186.756
3552	228.964	141.371	186.655
3553	228.935	141.361	186.555

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3564	228.953	141.36	186.633
3565	228.995	141.361	186.814
3566	229.035	141.364	186.978
3567	229.076	141.37	187.135
3568	229.12	141.38	187.292
3569	229.159	141.391	187.447
3560	229.208	141.402	187.612
3561	229.262	141.411	187.783
3562	229.309	141.421	187.947
3563	229.345	141.429	188.09
3564	229.384	141.438	188.239
3565	229.416	141.448	188.37
3566	229.428	141.459	188.42
3567	229.421	141.474	188.381
3568	229.414	141.483	188.343
3569	229.38	141.519	188.184
3570	229.345	141.555	188.025
3571	229.311	141.59	187.867
3572	229.276	141.626	187.71
3573	229.242	141.661	187.554
3574	229.208	141.696	187.398
3575	229.173	141.731	187.243
3576	229.139	141.766	187.088
3577	229.105	141.801	186.934
3578	229.071	141.835	186.781
3579	229.037	141.869	186.629
3580	229.002	141.904	186.477
3581	228.968	141.938	186.325
3582	228.934	141.971	186.175
3583	228.9	142.005	186.025
3584	228.866	142.038	185.875
3585	228.832	142.072	185.726
3586	228.882	142.078	185.931
3587	228.931	142.09	186.135
3588	228.977	142.1	186.334
3589	229.02	142.108	186.52
3590	229.062	142.115	186.705
3591	229.111	142.122	186.903
3592	229.168	142.129	187.114
3593	229.23	142.135	187.336
3594	229.296	142.138	187.572
3595	229.364	142.14	187.834
3596	229.422	142.139	188.05
3597	229.469	142.136	188.234
3598	229.506	142.13	188.39
3599	229.539	142.123	188.53
3600	229.566	142.114	188.654
3601	229.59	142.105	188.767
3602	229.609	142.094	188.867
3603	229.626	142.081	188.955
3604	229.641	142.068	189.03
3605	229.658	142.054	189.106
3606	229.678	142.038	189.182
3607	229.698	142.021	189.258

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3608	229.719	142.002	189.337
3609	229.739	141.983	189.416
3610	229.759	141.962	189.497
3611	229.78	141.94	189.579
3612	229.8	141.917	189.661
3613	229.82	141.894	189.742
3614	229.84	141.869	189.824
3615	229.762	141.835	189.69
3616	229.684	141.8	189.556
3617	229.606	141.766	189.422
3618	229.528	141.731	189.288
3619	229.45	141.697	189.155
3620	229.447	141.681	189.114
3621	229.521	141.666	189.398
3622	229.595	141.653	189.677
3623	229.667	141.644	189.947
3624	229.736	141.639	190.192
3625	229.789	141.636	190.403
3626	229.836	141.636	190.597
3627	229.88	141.639	190.779
3628	229.92	141.643	190.939
3629	229.959	141.65	191.088
3630	230.001	141.66	191.236
3631	230.043	141.673	191.382
3632	230.084	141.688	191.527
3633	230.138	141.701	191.687
3634	230.19	141.713	191.848
3635	230.233	141.724	191.994
3636	230.27	141.735	192.129
3637	230.307	141.747	192.266
3638	230.336	141.759	192.379
3639	230.338	141.774	192.376
3640	230.331	141.789	192.328
3641	230.325	141.798	192.282
3642	230.291	141.837	192.11
3643	230.256	141.875	191.94
3644	230.221	141.913	191.77
3645	230.187	141.951	191.601
3646	230.152	141.989	191.432
3647	230.118	142.027	191.264
3648	230.083	142.065	191.097
3649	230.049	142.102	190.931
3650	230.014	142.139	190.765
3651	229.98	142.176	190.6
3652	229.945	142.213	190.435
3653	229.911	142.25	190.272
3654	229.877	142.286	190.109
3655	229.842	142.323	189.946
3656	229.808	142.359	189.785
3657	229.774	142.395	189.623
3658	229.74	142.43	189.463
3659	229.789	142.44	189.661
3660	229.838	142.455	189.859
3661	229.882	142.466	190.046

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3662	229.925	142.476	190.224
3663	229.969	142.485	190.405
3664	230.02	142.494	190.6
3665	230.08	142.503	190.808
3666	230.144	142.51	191.024
3667	230.211	142.516	191.261
3668	230.275	142.518	191.499
3669	230.328	142.519	191.693
3670	230.372	142.517	191.858
3671	230.407	142.512	192
3672	230.438	142.507	192.125
3673	230.464	142.5	192.237
3674	230.485	142.492	192.338
3675	230.504	142.482	192.426
3676	230.52	142.472	192.501
3677	230.535	142.461	192.569
3678	230.552	142.448	192.636
3679	230.571	142.434	192.703
3680	230.591	142.419	192.771
3681	230.611	142.404	192.84
3682	230.631	142.387	192.91
3683	230.651	142.37	192.981
3684	230.671	142.351	193.053
3685	230.691	142.333	193.125
3686	230.711	142.313	193.197
3687	230.73	142.294	193.27
3688	230.75	142.273	193.344
3689	230.77	142.253	193.417
3690	230.789	142.231	193.49
3691	230.809	142.21	193.563
3692	230.828	142.188	193.636
3693	230.805	142.167	193.525
3694	230.78	142.147	193.406
3695	230.693	142.113	193.258
3696	230.675	142.099	193.148
3697	230.659	142.086	193.042
3698	230.643	142.073	192.939
3699	230.627	142.059	192.836
3700	230.611	142.046	192.733
3701	230.595	142.033	192.63
3702	230.579	142.019	192.528
3703	230.563	142.006	192.426
3704	230.547	141.992	192.324
3705	230.531	141.979	192.223
3706	230.515	141.965	192.121
3707	230.498	141.951	192.017
3708	230.481	141.938	191.912
3709	230.461	141.92	191.798
3710	230.36	141.885	191.654
3711	230.334	141.864	191.536
3712	230.309	141.843	191.421
3713	230.285	141.821	191.307
3714	230.26	141.8	191.194
3715	230.235	141.779	191.082

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3716	230.211	141.757	190.971
3717	230.187	141.736	190.86
3718	230.163	141.714	190.749
3719	230.138	141.693	190.639
3720	230.114	141.671	190.528
3721	230.089	141.65	190.418
3722	230.065	141.628	190.308
3723	230.041	141.606	190.198
3724	230.016	141.585	190.089
3725	229.992	141.563	189.98
3726	230.003	141.549	189.997
3727	230.076	141.536	190.277
3728	230.149	141.526	190.552
3729	230.22	141.519	190.811
3730	230.282	141.516	191.039
3731	230.329	141.516	191.235
3732	230.375	141.518	191.423
3733	230.417	141.522	191.592
3734	230.456	141.529	191.745
3735	230.495	141.539	191.889
3736	230.539	141.551	192.034
3737	230.578	141.566	192.176
3738	230.626	141.581	192.325
3739	230.679	141.594	192.484
3740	230.728	141.607	192.639
3741	230.764	141.618	192.77
3742	230.802	141.631	192.907
3743	230.835	141.643	193.03
3744	230.851	141.657	193.087
3745	230.844	141.674	193.037
3746	230.837	141.686	192.988
3747	230.802	141.726	192.814
3748	230.767	141.765	192.64
3749	230.732	141.804	192.468
3750	230.697	141.843	192.296
3751	230.662	141.882	192.124
3752	230.628	141.92	191.954
3753	230.593	141.958	191.784
3754	230.558	141.996	191.615
3755	230.524	142.034	191.446
3756	230.489	142.072	191.278
3757	230.454	142.11	191.111
3758	230.42	142.147	190.945
3759	230.385	142.185	190.779
3760	230.351	142.222	190.614
3761	230.316	142.259	190.45
3762	230.282	142.295	190.287
3763	230.247	142.332	190.124
3764	230.297	142.34	190.321
3765	230.346	142.353	190.517
3766	230.393	142.366	190.709
3767	230.436	142.377	190.887
3768	230.478	142.387	191.062
3769	230.525	142.397	191.248

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3770	230.581	142.407	191.447
3771	230.643	142.416	191.657
3772	230.708	142.423	191.878
3773	230.776	142.429	192.127
3774	230.834	142.431	192.34
3775	230.882	142.431	192.517
3776	230.92	142.429	192.667
3777	230.953	142.425	192.798
3778	230.981	142.419	192.914
3779	231.004	142.413	193.018
3780	231.023	142.405	193.11
3781	231.069	142.408	193.293
3782	231.064	142.412	193.269
3783	231.003	142.39	193.094
3784	230.947	142.371	192.935
3785	230.894	142.353	192.784
3786	230.844	142.337	192.639
3787	230.798	142.324	192.501
3788	230.745	142.305	192.348
3789	230.696	142.289	192.201
3790	230.65	142.274	192.06
3791	230.607	142.261	191.924
3792	230.569	142.249	191.794
3793	230.514	142.23	191.641
3794	230.46	142.21	191.488
3795	230.406	142.189	191.336
3796	230.351	142.169	191.184
3797	230.297	142.149	191.033
3798	230.243	142.129	190.882
3799	230.189	142.108	190.731
3800	230.134	142.088	190.581
3801	230.08	142.067	190.432
3802	230.026	142.047	190.282
3803	229.972	142.026	190.133
3804	229.918	142.005	189.985
3805	229.864	141.984	189.837
3806	229.81	141.963	189.69
3807	229.756	141.942	189.542
3808	229.702	141.921	189.396
3809	229.644	141.898	189.244
3810	229.588	141.875	189.096
3811	229.546	141.861	188.969
3812	229.504	141.846	188.842
3813	229.463	141.831	188.716
3814	229.423	141.817	188.593
3815	229.369	141.796	188.449
3816	229.315	141.774	188.306
3817	229.261	141.752	188.163
3818	229.208	141.73	188.02
3819	229.154	141.708	187.877
3820	229.1	141.686	187.735
3821	229.046	141.664	187.594
3822	228.993	141.642	187.453
3823	228.939	141.619	187.312

783

3824	228.885	141.597	187.171
3825	228.832	141.574	187.031
3826	228.778	141.552	186.892
3827	228.725	141.529	186.752
3828	228.671	141.506	186.614
3829	228.617	141.484	186.475
3830	228.564	141.461	186.337
3831	228.511	141.439	186.202
3832	228.459	141.418	186.071
3833	228.411	141.398	185.945
3834	228.364	141.38	185.822
3835	228.319	141.363	185.703
3836	228.315	141.354	185.703
3837	228.338	141.342	185.818
3838	228.357	141.33	185.92
3839	228.373	141.317	186.008
3840	228.389	141.302	186.09
3841	228.408	141.286	186.171
3842	228.428	141.269	186.253
3843	228.449	141.25	186.335
3844	228.47	141.231	186.42
3845	228.491	141.21	186.505
3846	228.511	141.189	186.591
3847	228.532	141.166	186.678
3848	228.553	141.143	186.765
3849	228.539	141.121	186.703
3850	228.517	141.099	186.606
3851	228.494	141.078	186.508
3852	228.471	141.056	186.41
3853	228.449	141.034	186.311
3854	228.446	141.011	186.297
3855	228.466	140.987	186.385
3856	228.487	140.962	186.472
3857	228.56	140.946	186.76
3858	228.634	140.933	187.043
3859	228.707	140.923	187.316
3860	228.775	140.917	187.563
3861	228.827	140.914	187.775
3862	228.873	140.914	187.972
3863	228.917	140.916	188.155
3864	228.957	140.92	188.319
3865	228.996	140.927	188.471
3866	229.039	140.937	188.623
3867	229.08	140.949	188.774
3868	229.123	140.963	188.926
3869	229.177	140.974	189.092
3870	229.229	140.986	189.259
3871	229.27	140.996	189.405
3872	229.307	141.006	189.546
3873	229.343	141.017	189.683
3874	229.369	141.029	189.787
3875	229.366	141.043	189.767
3876	229.359	141.056	189.723
3877	229.354	141.064	189.682

3878	229.319	141.101	189.517
3879	229.284	141.138	189.353
3880	229.25	141.175	189.189
3881	229.215	141.212	189.026
3882	229.181	141.249	188.864
3883	229.146	141.286	188.702
3884	229.112	141.322	188.541
3885	229.078	141.358	188.381
3886	229.043	141.394	188.221
3887	229.009	141.43	188.062
3888	228.975	141.466	187.904
3889	228.94	141.501	187.746
3890	228.906	141.537	187.589
3891	228.872	141.572	187.433
3892	228.838	141.607	187.277
3893	228.804	141.642	187.122
3894	228.769	141.676	186.968
3895	228.818	141.686	187.168
3896	228.867	141.699	187.37
3897	228.911	141.71	187.558
3898	228.953	141.718	187.739
3899	228.999	141.726	187.927
3900	229.051	141.734	188.127
3901	229.113	141.743	188.342
3902	229.177	141.749	188.564
3903	229.244	141.754	188.81
3904	229.306	141.755	189.043
3905	229.358	141.754	189.236
3906	229.4	141.751	189.4
3907	229.434	141.746	189.544
3908	229.464	141.74	189.671
3909	229.489	141.732	189.785
3910	229.51	141.724	189.888
3911	229.529	141.714	189.978
3912	229.544	141.703	190.055
3913	229.559	141.691	190.127
3914	229.577	141.677	190.199
3915	229.598	141.663	190.27
3916	229.618	141.647	190.343
3917	229.638	141.63	190.418
3918	229.658	141.612	190.493
3919	229.678	141.593	190.57
3920	229.698	141.573	190.648
3921	229.718	141.552	190.726
3922	229.791	141.538	191.005
3923	229.865	141.527	191.28
3924	229.937	141.519	191.547
3925	230.006	141.515	191.791
3926	230.061	141.514	192.001
3927	230.108	141.515	192.193
3928	230.153	141.518	192.376
3929	230.163	141.523	192.405
3930	230.145	141.529	192.319
3931	230.127	141.535	192.232

3932	230.11	141.54	192.146
3933	230.092	141.546	192.061
3934	230.074	141.551	191.975
3935	230.057	141.556	191.889
3936	230.039	141.562	191.802
3937	230.021	141.567	191.716
3938	230.003	141.572	191.63
3939	229.985	141.577	191.545
3940	229.967	141.582	191.46
3941	229.949	141.587	191.376
3942	229.932	141.591	191.291
3943	229.914	141.596	191.207
3944	229.896	141.6	191.124
3945	229.878	141.605	191.041
3946	229.861	141.609	190.958
3947	229.843	141.614	190.875
3948	229.825	141.618	190.792
3949	229.808	141.622	190.71
3950	229.79	141.626	190.628
3951	229.773	141.63	190.547
3952	229.755	141.634	190.465
3953	229.737	141.638	190.384
3954	229.72	141.642	190.303
3955	229.702	141.646	190.223
3956	229.685	141.649	190.143
3957	229.667	141.653	190.063
3958	229.65	141.657	189.985
3959	229.633	141.66	189.906
3960	229.616	141.664	189.828
3961	229.599	141.667	189.75
3962	229.598	141.66	189.756
3963	229.619	141.652	189.858
3964	229.636	141.642	189.944
3965	229.651	141.63	190.017
3966	229.7	141.628	190.22
3967	229.747	141.629	190.413
3968	229.791	141.631	190.593
3969	229.831	141.636	190.753
3970	229.87	141.643	190.902
3971	229.912	141.653	191.05
3972	229.954	141.666	191.196
3973	229.995	141.681	191.342
3974	230.05	141.693	191.503
3975	230.102	141.705	191.665
3976	230.144	141.716	191.81
3977	230.181	141.727	191.946
3978	230.218	141.739	192.083
3979	230.247	141.751	192.195
3980	230.248	141.766	192.187
3981	230.241	141.78	192.139
3982	230.235	141.789	192.094
3983	230.2	141.828	191.924
3984	230.166	141.866	191.753
3985	230.131	141.904	191.584

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010075

3986	230.096	141.942	191.415
3987	230.062	141.98	191.247
3988	230.027	142.017	191.08
3989	229.993	142.055	190.914
3990	229.959	142.092	190.748
3991	229.924	142.129	190.583
3992	229.89	142.166	190.418
3993	229.855	142.203	190.254
3994	229.821	142.239	190.091
3995	229.787	142.275	189.929
3996	229.752	142.312	189.767
3997	229.718	142.348	189.606
3998	229.684	142.384	189.445
3999	229.65	142.419	189.286
4000	229.699	142.429	189.483
4001	229.748	142.443	189.682
4002	229.792	142.455	189.868
4003	229.835	142.464	190.047
4004	229.879	142.473	190.229
4005	229.931	142.482	190.424
4006	229.991	142.491	190.633
4007	230.055	142.498	190.851
4008	230.122	142.503	191.089
4009	230.186	142.506	191.326
4010	230.239	142.506	191.518
4011	230.282	142.503	191.683
4012	230.317	142.499	191.825
4013	230.347	142.493	191.95
4014	230.373	142.486	192.062
4015	230.395	142.478	192.163
4016	230.414	142.468	192.251
4017	230.43	142.458	192.328
4018	230.445	142.446	192.396
4019	230.461	142.434	192.464
4020	230.481	142.42	192.531
4021	230.501	142.405	192.6
4022	230.521	142.389	192.669
4023	230.541	142.371	192.741
4024	230.561	142.353	192.813
4025	230.581	142.334	192.886
4026	230.601	142.313	192.96
4027	230.62	142.292	193.034
4028	230.64	142.271	193.109
4029	230.66	142.248	193.183
4030	230.636	142.227	193.068
4031	230.611	142.206	192.95
4032	230.586	142.185	192.832
4033	230.561	142.164	192.714
4034	230.536	142.142	192.596
4035	230.512	142.121	192.479
4036	230.487	142.1	192.362
4037	230.462	142.078	192.245
4038	230.437	142.057	192.129
4039	230.412	142.036	192.013

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010076

4040	230.387	142.014	191.897
4041	230.363	141.993	191.781
4042	230.338	141.971	191.666
4043	230.312	141.95	191.549
4044	230.287	141.928	191.432
4045	230.262	141.907	191.316
4046	230.237	141.885	191.199
4047	230.211	141.864	191.082
4048	230.147	141.833	190.95
4049	230.137	141.819	190.878
4050	230.211	141.805	191.159
4051	230.284	141.793	191.435
4052	230.357	141.785	191.704
4053	230.426	141.78	191.95
4054	230.48	141.779	192.161
4055	230.527	141.78	192.351
4056	230.572	141.783	192.533
4057	230.563	141.788	192.486
4058	230.508	141.77	192.33
4059	230.452	141.751	192.173
4060	230.399	141.735	192.023
4061	230.346	141.718	191.873
4062	230.294	141.701	191.724
4063	230.254	141.69	191.591
4064	230.217	141.681	191.464
4065	230.184	141.674	191.343
4066	230.155	141.669	191.228
4067	230.128	141.665	191.117
4068	230.087	141.653	190.983
4069	230.045	141.641	190.85
4070	230.003	141.628	190.717
4071	229.962	141.616	190.585
4072	229.92	141.603	190.453
4073	229.879	141.591	190.322
4074	229.842	141.58	190.198
4075	229.809	141.572	190.08
4076	229.78	141.567	189.97
4077	229.754	141.562	189.862
4078	229.727	141.557	189.756
4079	229.701	141.552	189.65
4080	229.672	141.546	189.54
4081	229.644	141.54	189.431
4082	229.617	141.535	189.324
4083	229.59	141.529	189.218
4084	229.559	141.522	189.107
4085	229.536	141.516	189.016
4086	229.579	141.518	189.195
4087	229.619	141.523	189.355
4088	229.658	141.53	189.506
4089	229.702	141.54	189.657
4090	229.742	141.552	189.807
4091	229.788	141.565	189.961
4092	229.842	141.577	190.126
4093	229.892	141.588	190.291

4094	229.931	141.598	190.431
4095	229.968	141.608	190.573
4096	230.003	141.619	190.705
4097	230.023	141.631	190.785
4098	230.016	141.646	190.742
4099	230.009	141.658	190.698
4100	229.974	141.696	190.532
4101	229.939	141.733	190.366
4102	229.905	141.77	190.201
4103	229.87	141.807	190.036
4104	229.836	141.844	189.873
4105	229.801	141.881	189.71
4106	229.767	141.917	189.547
4107	229.732	141.954	189.386
4108	229.698	141.99	189.225
4109	229.664	142.026	189.064
4110	229.629	142.062	188.905
4111	229.595	142.097	188.745
4112	229.561	142.133	188.587
4113	229.527	142.168	188.429
4114	229.492	142.203	188.272
4115	229.458	142.239	188.116
4116	229.424	142.273	187.96
4117	229.39	142.308	187.805
4118	229.356	142.343	187.651
4119	229.322	142.377	187.497
4120	229.288	142.411	187.344
4121	229.254	142.445	187.191
4122	229.22	142.479	187.039
4123	229.186	142.513	186.888
4124	229.152	142.546	186.737
4125	229.118	142.58	186.587
4126	229.084	142.613	186.438
4127	229.05	142.646	186.289
4128	229.016	142.679	186.141
4129	228.982	142.712	185.993
4130	228.949	142.744	185.846
4131	228.915	142.777	185.7
4132	228.881	142.809	185.554
4133	228.847	142.841	185.409
4134	228.814	142.873	185.265
4135	228.78	142.905	185.121
4136	228.746	142.937	184.978
4137	228.713	142.969	184.835
4138	228.679	143	184.693
4139	228.646	143.031	184.551
4140	228.612	143.062	184.41
4141	228.579	143.093	184.27
4142	228.545	143.124	184.13
4143	228.512	143.155	183.991
4144	228.478	143.185	183.852
4145	228.445	143.216	183.714
4146	228.411	143.246	183.577
4147	228.378	143.276	183.44

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010073

4148	228.345	143.306	183.303
4149	228.312	143.336	183.168
4150	228.278	143.365	183.032
4151	228.245	143.395	182.898
4152	228.212	143.424	182.764
4153	228.179	143.454	182.63
4154	228.145	143.483	182.497
4155	228.112	143.512	182.365
4156	228.079	143.54	182.233
4157	228.046	143.569	182.101
4158	228.013	143.598	181.97
4159	227.98	143.626	181.84
4160	227.947	143.654	181.71
4161	227.914	143.682	181.581
4162	227.881	143.71	181.453
4163	227.848	143.738	181.324
4164	227.815	143.766	181.197
4165	227.782	143.793	181.07
4166	227.749	143.821	180.943
4167	227.716	143.848	180.817
4168	227.683	143.875	180.692
4169	227.65	143.902	180.567
4170	227.618	143.929	180.442
4171	227.585	143.956	180.318
4172	227.552	143.983	180.195
4173	227.519	144.009	180.072
4174	227.487	144.036	179.949
4175	227.454	144.062	179.827
4176	227.421	144.088	179.706
4177	227.389	144.114	179.585
4178	227.356	144.14	179.465
4179	227.323	144.166	179.345
4180	227.291	144.191	179.225
4181	227.258	144.217	179.106
4182	227.226	144.242	178.988
4183	227.193	144.267	178.87
4184	227.161	144.293	178.753
4185	227.128	144.318	178.636
4186	227.096	144.342	178.519
4187	227.064	144.367	178.403
4188	227.031	144.392	178.287
4189	226.999	144.416	178.172
4190	226.966	144.441	178.058
4191	226.934	144.465	177.944
4192	226.902	144.489	177.83
4193	226.87	144.513	177.717
4194	226.837	144.537	177.604
4195	226.805	144.561	177.492
4196	226.773	144.585	177.38
4197	226.741	144.608	177.269
4198	226.708	144.632	177.158
4199	226.676	144.655	177.047
4200	226.644	144.678	176.937
4201	226.612	144.701	176.828

4202	226.58	144.724	176.719
4203	226.548	144.747	176.61
4204	226.516	144.77	176.502
4205	226.484	144.792	176.394
4206	226.452	144.815	176.287
4207	226.42	144.837	176.18
4208	226.388	144.859	176.074
4209	226.356	144.882	175.968
4210	226.324	144.904	175.862
4211	226.292	144.926	175.757
4212	226.26	144.947	175.652
4213	226.229	144.969	175.548
4214	226.197	144.991	175.444
4215	226.165	145.012	175.341
4216	226.133	145.034	175.238
4217	226.101	145.055	175.135
4218	226.07	145.076	175.033
4219	226.038	145.097	174.932
4220	226.006	145.118	174.83
4221	225.974	145.139	174.729
4222	225.943	145.16	174.629
4223	225.911	145.18	174.529
4224	225.88	145.201	174.429
4225	225.848	145.221	174.33
4226	225.816	145.242	174.231
4227	225.785	145.262	174.133
4228	225.753	145.282	174.035
4229	225.722	145.302	173.937
4230	225.69	145.322	173.84
4231	225.659	145.342	173.743
4232	225.627	145.362	173.647
4233	225.596	145.381	173.551
4234	225.564	145.401	173.455
4235	225.533	145.42	173.36
4236	225.502	145.439	173.265
4237	225.47	145.459	173.171
4238	225.439	145.478	173.076
4239	225.408	145.497	172.983
4240	225.376	145.516	172.889
4241	225.345	145.534	172.796
4242	225.314	145.553	172.704
4243	225.283	145.572	172.612
4244	225.251	145.59	172.52
4245	225.22	145.609	172.429
4246	225.189	145.627	172.337
4247	225.158	145.645	172.247
4248	225.127	145.663	172.156
4249	225.096	145.681	172.067
4250	225.064	145.699	171.977
4251	225.033	145.717	171.888
4252	225.002	145.735	171.799
4253	224.971	145.752	171.71
4254	224.94	145.77	171.622
4255	224.909	145.787	171.535

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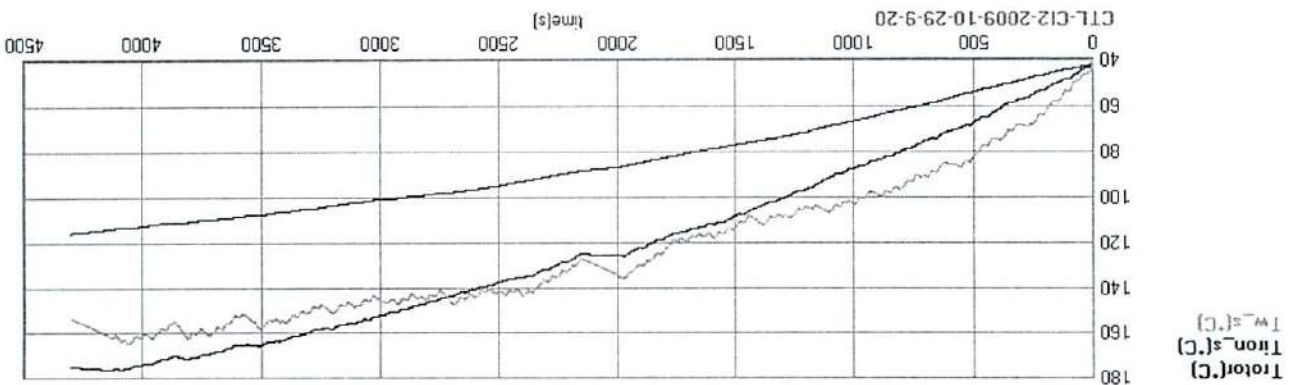
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4257	224.847	145.822	171.36
4258	224.816	145.839	171.273
4259	224.785	145.856	171.187
4260	224.754	145.873	171.101
4261	224.724	145.89	171.015
4262	224.693	145.907	170.93
4263	224.662	145.924	170.845
4264	224.631	145.94	170.76
4265	224.6	145.957	170.676
4266	224.569	145.973	170.592
4267	224.539	145.99	170.509
4268	224.508	146.006	170.425
4269	224.477	146.022	170.343
4270	224.446	146.038	170.26
4271	224.416	146.054	170.178
4272	224.385	146.07	170.096
4273	224.354	146.086	170.014
4274	224.324	146.102	169.933
4275	224.293	146.118	169.852
4276	224.262	146.133	169.772
4277	224.232	146.149	169.691
4278	224.201	146.164	169.611
4279	224.171	146.179	169.532
4280	224.14	146.195	169.452

010081

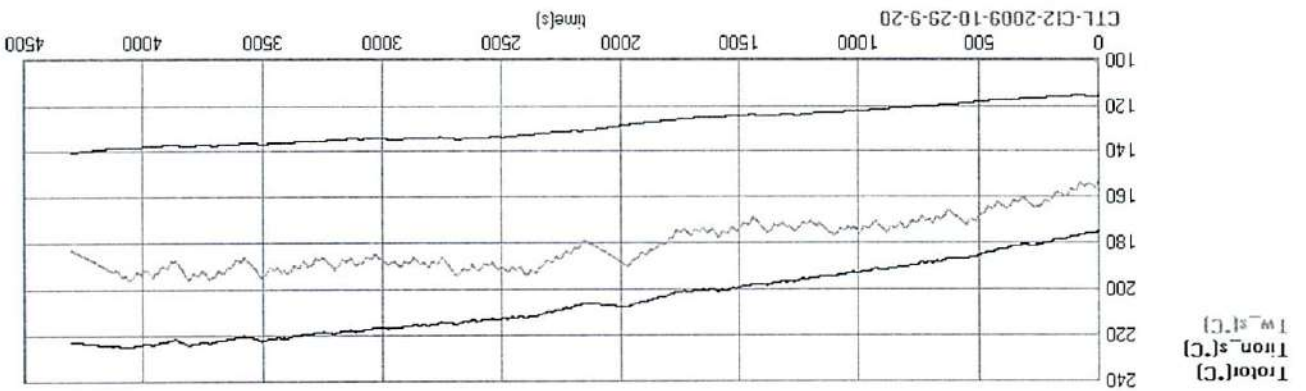
772

010082

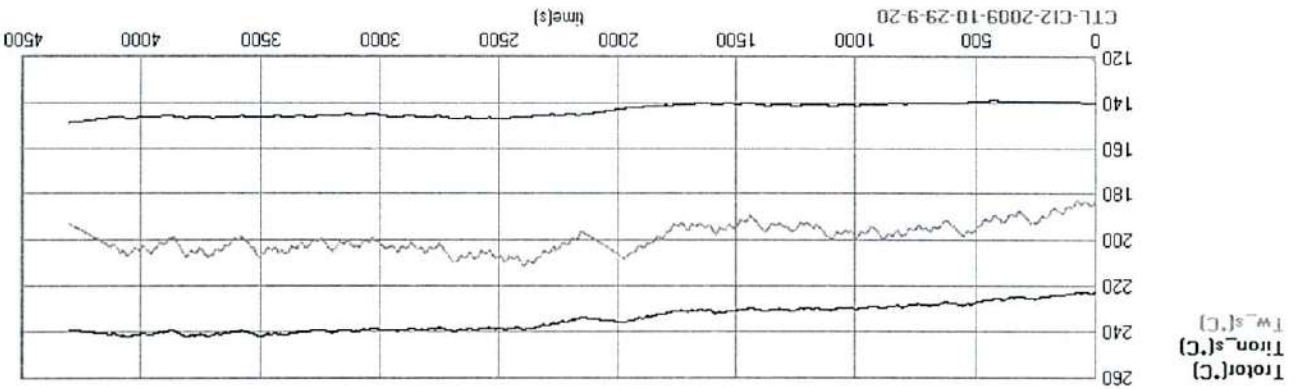
1 Cycle



2 Cycle



3 Cycle



773

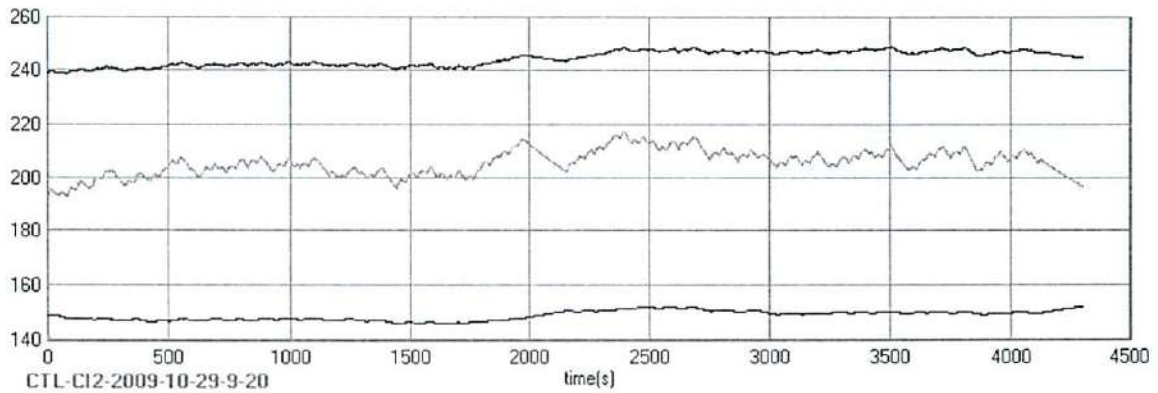
Handwritten signature or mark.

Handwritten mark.

010083

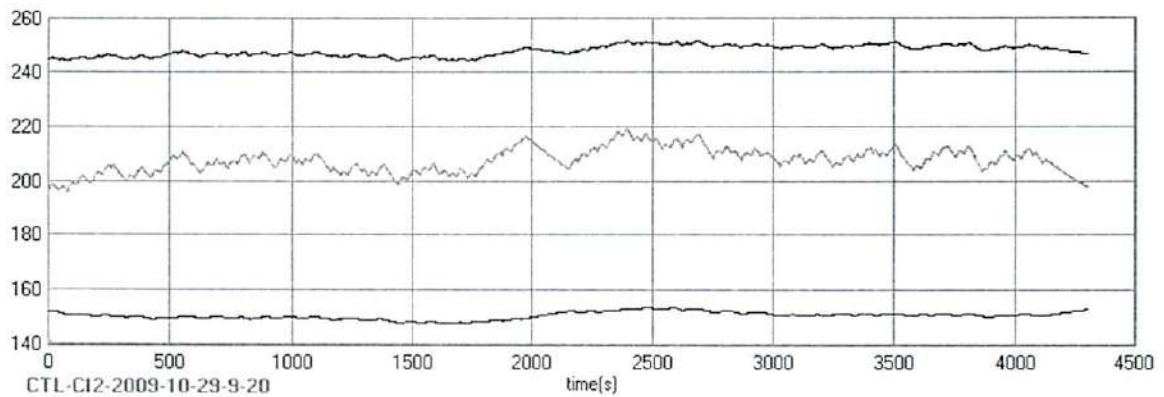
4 Cycle

Trotor(*C)
Tiron_s(*C)
Tw_s(*C)



5 Cycle

Trotor(*C)
Tiron_s(*C)
Tw_s(*C)



7C 5M AW2 6p/m² Normal Mode
Traction Motor 4 LCA 2132_IndF

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5 Cycle

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
Maximum	251.6	153.4	219.3

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
0	244.673	151.831	196.203
1	244.685	151.839	196.255
2	244.734	151.849	196.466
3	244.779	151.855	196.663
4	244.821	151.86	196.854
5	244.866	151.863	197.05
6	244.916	151.865	197.258
7	244.975	151.868	197.479
8	245.038	151.869	197.709
9	245.104	151.867	197.954
10	245.171	151.864	198.221
11	245.227	151.857	198.444
12	245.273	151.848	198.634
13	245.31	151.837	198.799
14	245.341	151.824	198.946
15	245.364	151.809	199.064
16	245.328	151.793	198.952
17	245.292	151.776	198.84
18	245.255	151.759	198.728
19	245.219	151.742	198.616
20	245.183	151.725	198.505
21	245.153	151.711	198.405
22	245.123	151.697	198.306
23	245.094	151.684	198.21
24	245.065	151.67	198.114
25	245.037	151.656	198.02
26	245.008	151.642	197.925
27	244.979	151.628	197.831
28	244.95	151.614	197.737
29	244.921	151.599	197.643
30	244.893	151.585	197.549
31	244.864	151.571	197.456
32	244.835	151.557	197.363
33	244.807	151.542	197.27
34	244.778	151.528	197.177
35	244.749	151.513	197.085
36	244.72	151.499	196.993
37	244.692	151.484	196.901
38	244.663	151.47	196.808
39	244.634	151.455	196.714
40	244.604	151.441	196.621
41	244.575	151.426	196.527
42	244.546	151.411	196.434
43	244.536	151.396	196.422
44	244.557	151.378	196.545
45	244.574	151.359	196.657

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46	244.589	151.34	196.758
47	244.602	151.319	196.849
48	244.613	151.297	196.932
49	244.627	151.275	197.016
50	244.642	151.251	197.1
51	244.659	151.226	197.183
52	244.675	151.2	197.268
53	244.691	151.173	197.354
54	244.707	151.145	197.441
55	244.723	151.117	197.528
56	244.739	151.087	197.616
57	244.754	151.056	197.705
58	244.77	151.025	197.794
59	244.785	150.993	197.882
60	244.8	150.96	197.97
61	244.768	150.928	197.86
62	244.736	150.897	197.751
63	244.705	150.866	197.641
64	244.673	150.834	197.532
65	244.641	150.803	197.423
66	244.61	150.771	197.314
67	244.578	150.74	197.206
68	244.546	150.708	197.097
69	244.515	150.677	196.989
70	244.483	150.645	196.881
71	244.451	150.614	196.774
72	244.42	150.583	196.666
73	244.388	150.551	196.559
74	244.356	150.52	196.453
75	244.325	150.488	196.348
76	244.294	150.457	196.243
77	244.262	150.425	196.138
78	244.231	150.394	196.033
79	244.2	150.362	195.928
80	244.212	150.338	195.986
81	244.282	150.315	196.28
82	244.352	150.295	196.57
83	244.421	150.279	196.845
84	244.483	150.266	197.095
85	244.53	150.257	197.311
86	244.574	150.251	197.514
87	244.614	150.247	197.699
88	244.651	150.245	197.866
89	244.688	150.247	198.022
90	244.729	150.252	198.179
91	244.767	150.259	198.334
92	244.812	150.268	198.495
93	244.864	150.274	198.666
94	244.914	150.281	198.836
95	244.951	150.287	198.981
96	244.988	150.294	199.128
97	245.021	150.302	199.266
98	245.041	150.312	199.349
99	245.032	150.325	199.308
100	245.025	150.336	199.266
101	245.012	150.348	199.21
102	245	150.361	199.155

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103	244.988	150.373	199.099
104	244.975	150.385	199.044
105	244.963	150.398	198.989
106	244.951	150.41	198.934
107	244.938	150.423	198.879
108	244.926	150.435	198.824
109	244.914	150.447	198.769
110	244.901	150.459	198.715
111	244.889	150.472	198.66
112	244.877	150.484	198.605
113	244.864	150.496	198.551
114	244.852	150.508	198.496
115	244.84	150.521	198.442
116	244.827	150.533	198.388
117	244.815	150.545	198.333
118	244.867	150.551	198.538
119	244.917	150.562	198.74
120	244.965	150.574	198.941
121	245.009	150.584	199.128
122	245.051	150.591	199.31
123	245.095	150.598	199.496
124	245.146	150.604	199.695
125	245.205	150.611	199.906
126	245.267	150.616	200.125
127	245.332	150.618	200.361
128	245.398	150.618	200.615
129	245.453	150.616	200.825
130	245.498	150.611	201.005
131	245.534	150.605	201.159
132	245.565	150.596	201.297
133	245.591	150.586	201.421
134	245.614	150.576	201.534
135	245.632	150.564	201.637
136	245.648	150.551	201.732
137	245.662	150.537	201.817
138	245.705	150.535	202.004
139	245.685	150.535	201.929
140	245.658	150.526	201.83
141	245.631	150.518	201.731
142	245.604	150.509	201.634
143	245.577	150.5	201.538
144	245.551	150.491	201.442
145	245.525	150.482	201.351
146	245.5	150.473	201.261
147	245.474	150.464	201.172
148	245.449	150.455	201.084
149	245.425	150.446	200.997
150	245.399	150.437	200.907
151	245.373	150.427	200.816
152	245.348	150.418	200.727
153	245.322	150.409	200.637
154	245.296	150.399	200.548
155	245.271	150.39	200.459
156	245.245	150.38	200.37
157	245.22	150.37	200.282
158	245.194	150.361	200.193
159	245.168	150.351	200.105

777

010086

160	245.143	150.341	200.018
161	245.117	150.331	199.93
162	245.092	150.322	199.843
163	245.066	150.312	199.756
164	245.041	150.302	199.669
165	245.015	150.292	199.583
166	244.99	150.282	199.496
167	244.963	150.271	199.406
168	244.937	150.261	199.316
169	244.91	150.251	199.227
170	244.884	150.241	199.136
171	244.857	150.231	199.046
172	244.879	150.218	199.162
173	244.897	150.205	199.27
174	244.913	150.191	199.369
175	244.927	150.176	199.459
176	244.939	150.16	199.538
177	244.949	150.144	199.611
178	244.961	150.126	199.683
179	244.975	150.107	199.756
180	244.991	150.087	199.829
181	245.006	150.066	199.903
182	245.02	150.044	199.979
183	245.035	150.02	200.055
184	245.049	149.996	200.133
185	245.064	149.97	200.211
186	245.078	149.944	200.29
187	245.146	149.926	200.574
188	245.215	149.911	200.852
189	245.282	149.899	201.114
190	245.342	149.892	201.349
191	245.386	149.887	201.55
192	245.429	149.885	201.739
193	245.468	149.886	201.91
194	245.505	149.889	202.063
195	245.541	149.895	202.207
196	245.582	149.904	202.351
197	245.62	149.916	202.493
198	245.665	149.928	202.641
199	245.717	149.938	202.799
200	245.765	149.949	202.955
201	245.8	149.958	203.086
202	245.837	149.969	203.222
203	245.87	149.98	203.346
204	245.887	149.993	203.407
205	245.878	150.009	203.355
206	245.871	150.022	203.302
207	245.858	150.035	203.241
208	245.846	150.049	203.181
209	245.833	150.063	203.121
210	245.821	150.076	203.061
211	245.808	150.09	203.001
212	245.796	150.103	202.941
213	245.783	150.117	202.881
214	245.771	150.13	202.821
215	245.758	150.144	202.761
216	245.746	150.157	202.702

778

010087

217	245.733	150.171	202.642
218	245.721	150.184	202.583
219	245.708	150.197	202.523
220	245.696	150.211	202.464
221	245.683	150.224	202.405
222	245.671	150.237	202.346
223	245.658	150.251	202.287
224	245.71	150.259	202.483
225	245.759	150.273	202.676
226	245.807	150.288	202.867
227	245.85	150.3	203.043
228	245.892	150.311	203.215
229	245.937	150.32	203.391
230	245.988	150.33	203.58
231	246.047	150.34	203.781
232	246.109	150.348	203.99
233	246.174	150.354	204.217
234	246.239	150.358	204.456
235	246.292	150.358	204.652
236	246.336	150.357	204.817
237	246.37	150.354	204.957
238	246.399	150.348	205.08
239	246.423	150.342	205.188
240	246.443	150.334	205.285
241	246.458	150.325	205.371
242	246.471	150.315	205.444
243	246.481	150.303	205.505
244	246.491	150.291	205.562
245	246.504	150.277	205.619
246	246.518	150.261	205.676
247	246.532	150.245	205.735
248	246.546	150.227	205.796
249	246.559	150.207	205.858
250	246.572	150.187	205.921
251	246.585	150.165	205.985
252	246.551	150.145	205.848
253	246.459	150.111	205.684
254	246.363	150.075	205.518
255	246.262	150.038	205.35
256	246.175	150.004	205.188
257	246.141	149.984	205.052
258	246.107	149.963	204.917
259	246.074	149.942	204.784
260	246.118	149.928	204.955
261	246.186	149.917	205.222
262	246.252	149.91	205.469
263	246.306	149.907	205.684
264	246.349	149.907	205.87
265	246.39	149.909	206.043
266	246.373	149.914	205.964
267	246.342	149.91	205.836
268	246.31	149.906	205.708
269	246.279	149.902	205.58
270	246.247	149.898	205.453
271	246.216	149.894	205.326
272	246.186	149.889	205.204
273	246.155	149.885	205.082

779

010088

274	246.125	149.88	204.961
275	246.095	149.876	204.841
276	246.065	149.871	204.722
277	246.035	149.866	204.601
278	246.004	149.861	204.481
279	245.974	149.856	204.361
280	245.944	149.851	204.241
281	245.913	149.846	204.122
282	245.883	149.841	204.003
283	245.853	149.835	203.884
284	245.822	149.83	203.766
285	245.792	149.824	203.648
286	245.762	149.819	203.531
287	245.732	149.813	203.414
288	245.702	149.807	203.297
289	245.671	149.801	203.181
290	245.641	149.795	203.064
291	245.611	149.789	202.949
292	245.581	149.783	202.833
293	245.551	149.777	202.718
294	245.521	149.771	202.605
295	245.491	149.764	202.492
296	245.461	149.758	202.379
297	245.432	149.752	202.267
298	245.402	149.745	202.156
299	245.372	149.738	202.043
300	245.342	149.732	201.93
301	245.312	149.725	201.818
302	245.282	149.718	201.706
303	245.252	149.711	201.595
304	245.222	149.704	201.484
305	245.192	149.697	201.373
306	245.162	149.689	201.262
307	245.133	149.682	201.152
308	245.103	149.675	201.042
309	245.073	149.667	200.933
310	245.043	149.66	200.824
311	245.013	149.652	200.715
312	244.983	149.645	200.606
313	244.954	149.637	200.498
314	244.924	149.629	200.39
315	244.893	149.621	200.28
316	244.863	149.613	200.17
317	244.832	149.606	200.059
318	244.801	149.597	199.947
319	244.77	149.589	199.835
320	244.79	149.579	199.94
321	244.808	149.568	200.044
322	244.823	149.556	200.136
323	244.867	149.553	200.332
324	244.907	149.552	200.512
325	244.944	149.553	200.671
326	244.98	149.558	200.819
327	245.019	149.566	200.966
328	245.058	149.576	201.111
329	245.099	149.588	201.257
330	245.151	149.599	201.417

780

010089

010090

331	245.202	149.608	201.579
332	245.241	149.618	201.72
333	245.277	149.627	201.856
334	245.313	149.638	201.99
335	245.339	149.65	202.095
336	245.336	149.664	202.071
337	245.328	149.678	202.02
338	245.322	149.686	201.972
339	245.31	149.7	201.913
340	245.297	149.713	201.854
341	245.285	149.727	201.795
342	245.272	149.74	201.736
343	245.26	149.753	201.677
344	245.248	149.767	201.618
345	245.235	149.78	201.559
346	245.223	149.793	201.5
347	245.21	149.806	201.442
348	245.198	149.82	201.383
349	245.185	149.833	201.325
350	245.173	149.846	201.266
351	245.16	149.859	201.208
352	245.148	149.872	201.15
353	245.135	149.885	201.092
354	245.123	149.898	201.034
355	245.111	149.911	200.976
356	245.16	149.923	201.172
357	245.21	149.938	201.367
358	245.254	149.951	201.55
359	245.296	149.961	201.724
360	245.339	149.97	201.9
361	245.388	149.979	202.087
362	245.444	149.989	202.287
363	245.506	149.997	202.496
364	245.57	150.002	202.717
365	245.637	150.007	202.966
366	245.694	150.008	203.178
367	245.74	150.007	203.354
368	245.777	150.003	203.505
369	245.808	149.998	203.636
370	245.834	149.992	203.751
371	245.855	149.984	203.854
372	245.872	149.975	203.947
373	245.886	149.964	204.027
374	245.898	149.953	204.095
375	245.907	149.941	204.155
376	245.918	149.927	204.214
377	245.932	149.912	204.274
378	245.946	149.896	204.334
379	245.96	149.878	204.396
380	245.974	149.86	204.46
381	245.987	149.84	204.524
382	246.001	149.819	204.59
383	246.014	149.797	204.657
384	246.026	149.775	204.723
385	246.039	149.751	204.79
386	246.051	149.727	204.857
387	246.016	149.705	204.723

781

0100091

388	245.982	149.682	204.59
389	245.948	149.66	204.457
390	245.913	149.637	204.324
391	245.864	149.611	204.185
392	245.818	149.586	204.048
393	245.784	149.563	203.918
394	245.752	149.54	203.793
395	245.72	149.517	203.675
396	245.691	149.494	203.566
397	245.664	149.471	203.468
398	245.64	149.447	203.384
399	245.617	149.424	203.303
400	245.594	149.4	203.222
401	245.571	149.377	203.141
402	245.548	149.353	203.061
403	245.525	149.33	202.981
404	245.502	149.306	202.901
405	245.479	149.283	202.821
406	245.456	149.259	202.741
407	245.432	149.236	202.657
408	245.404	149.212	202.554
409	245.372	149.189	202.437
410	245.338	149.166	202.311
411	245.252	149.133	202.164
412	245.226	149.117	202.05
413	245.202	149.102	201.941
414	245.178	149.086	201.833
415	245.154	149.07	201.727
416	245.13	149.054	201.62
417	245.106	149.038	201.514
418	245.082	149.022	201.409
419	245.058	149.006	201.303
420	245.034	148.99	201.198
421	245.009	148.974	201.09
422	244.984	148.958	200.98
423	245.004	148.941	201.06
424	245.071	148.926	201.339
425	245.139	148.914	201.614
426	245.206	148.905	201.876
427	245.269	148.899	202.114
428	245.316	148.897	202.318
429	245.359	148.897	202.505
430	245.398	148.9	202.676
431	245.434	148.905	202.826
432	245.469	148.913	202.965
433	245.509	148.924	203.104
434	245.546	148.938	203.24
435	245.588	148.952	203.38
436	245.64	148.965	203.532
437	245.69	148.978	203.686
438	245.728	148.99	203.817
439	245.764	149.002	203.946
440	245.798	149.015	204.071
441	245.822	149.029	204.158
442	245.817	149.046	204.117
443	245.809	149.061	204.059
444	245.803	149.071	204.005

782

445	245.791	149.085	203.943
446	245.778	149.099	203.881
447	245.765	149.113	203.819
448	245.753	149.127	203.757
449	245.74	149.141	203.695
450	245.728	149.155	203.633
451	245.715	149.169	203.572
452	245.702	149.183	203.51
453	245.69	149.197	203.448
454	245.677	149.211	203.387
455	245.665	149.225	203.325
456	245.652	149.239	203.264
457	245.639	149.253	203.203
458	245.627	149.267	203.142
459	245.614	149.281	203.081
460	245.602	149.295	203.02
461	245.589	149.309	202.959
462	245.639	149.322	203.149
463	245.688	149.339	203.34
464	245.732	149.353	203.515
465	245.773	149.366	203.683
466	245.817	149.377	203.853
467	245.865	149.388	204.034
468	245.922	149.4	204.228
469	245.983	149.411	204.43
470	246.047	149.419	204.646
471	246.114	149.426	204.89
472	246.169	149.429	205.091
473	246.214	149.431	205.258
474	246.25	149.43	205.4
475	246.28	149.427	205.523
476	246.305	149.424	205.631
477	246.325	149.418	205.727
478	246.342	149.412	205.812
479	246.356	149.405	205.887
480	246.366	149.397	205.95
481	246.375	149.388	206.002
482	246.384	149.377	206.055
483	246.396	149.366	206.107
484	246.41	149.353	206.16
485	246.423	149.339	206.214
486	246.436	149.325	206.27
487	246.449	149.309	206.327
488	246.461	149.292	206.385
489	246.474	149.274	206.444
490	246.486	149.256	206.504
491	246.497	149.237	206.564
492	246.509	149.217	206.625
493	246.52	149.196	206.685
494	246.525	149.175	206.722
495	246.491	149.156	206.587
496	246.457	149.137	206.452
497	246.461	149.124	206.456
498	246.527	149.113	206.724
499	246.594	149.105	206.986
500	246.66	149.101	207.233
501	246.718	149.1	207.452

783

010092

010093

502	246.761	149.102	207.635
503	246.802	149.107	207.806
504	246.84	149.115	207.958
505	246.875	149.124	208.092
506	246.91	149.137	208.217
507	246.951	149.152	208.341
508	246.987	149.171	208.462
509	247.031	149.189	208.591
510	247.082	149.205	208.73
511	247.129	149.221	208.866
512	247.164	149.236	208.978
513	247.201	149.252	209.097
514	247.233	149.269	209.204
515	247.249	149.286	209.246
516	247.24	149.307	209.175
517	247.232	149.323	209.107
518	247.219	149.338	209.039
519	247.207	149.354	208.971
520	247.194	149.369	208.904
521	247.181	149.384	208.836
522	247.168	149.4	208.769
523	247.155	149.415	208.702
524	247.143	149.43	208.634
525	247.13	149.446	208.567
526	247.117	149.461	208.5
527	247.104	149.476	208.433
528	247.092	149.491	208.367
529	247.079	149.506	208.3
530	247.066	149.522	208.233
531	247.053	149.537	208.167
532	247.041	149.552	208.1
533	247.028	149.567	208.034
534	247.015	149.582	207.968
535	247.067	149.594	208.153
536	247.116	149.612	208.334
537	247.164	149.631	208.511
538	247.207	149.647	208.672
539	247.248	149.663	208.828
540	247.292	149.677	208.989
541	247.343	149.692	209.161
542	247.401	149.708	209.346
543	247.463	149.721	209.538
544	247.527	149.733	209.748
545	247.591	149.742	209.97
546	247.643	149.749	210.148
547	247.685	149.753	210.296
548	247.719	149.755	210.42
549	247.747	149.756	210.527
550	247.771	149.755	210.62
551	247.79	149.753	210.702
552	247.805	149.751	210.774
553	247.812	149.747	210.81
554	247.776	149.744	210.659
555	247.739	149.741	210.509
556	247.703	149.739	210.358
557	247.649	149.727	210.187
558	247.575	149.706	209.992

784

559	247.518	149.694	209.822
560	247.489	149.7	209.695
561	247.461	149.705	209.569
562	247.433	149.71	209.445
563	247.406	149.715	209.323
564	247.345	149.701	209.151
565	247.318	149.704	209.032
566	247.352	149.71	209.172
567	247.328	149.716	209.06
568	247.302	149.722	208.948
569	247.277	149.728	208.834
570	247.251	149.734	208.719
571	247.225	149.74	208.604
572	247.18	149.734	208.456
573	247.116	149.717	208.277
574	247.06	149.703	208.107
575	247.026	149.7	207.968
576	246.992	149.697	207.83
577	246.958	149.693	207.694
578	246.924	149.69	207.559
579	246.89	149.686	207.425
580	246.857	149.683	207.292
581	246.823	149.679	207.158
582	246.79	149.675	207.025
583	246.756	149.671	206.893
584	246.722	149.667	206.761
585	246.689	149.663	206.629
586	246.655	149.658	206.498
587	246.622	149.654	206.367
588	246.588	149.65	206.235
589	246.554	149.645	206.103
590	246.52	149.64	205.972
591	246.486	149.636	205.84
592	246.456	149.631	205.726
593	246.471	149.623	205.805
594	246.482	149.615	205.872
595	246.525	149.616	206.053
596	246.562	149.62	206.208
597	246.539	149.626	206.107
598	246.507	149.623	205.975
599	246.474	149.619	205.843
600	246.442	149.616	205.712
601	246.41	149.613	205.582
602	246.378	149.61	205.452
603	246.347	149.606	205.328
604	246.317	149.602	205.205
605	246.286	149.599	205.083
606	246.256	149.595	204.964
607	246.227	149.591	204.846
608	246.197	149.587	204.726
609	246.167	149.583	204.608
610	246.137	149.578	204.49
611	246.107	149.574	204.372
612	246.077	149.57	204.255
613	246.047	149.565	204.138
614	246.018	149.561	204.022
615	245.988	149.556	203.906

785

010094

010095

616	245.958	149.551	203.789
617	245.928	149.546	203.672
618	245.898	149.541	203.555
619	245.866	149.537	203.434
620	245.835	149.532	203.313
621	245.804	149.526	203.191
622	245.772	149.521	203.068
623	245.74	149.516	202.946
624	245.76	149.508	203.048
625	245.777	149.5	203.14
626	245.79	149.49	203.22
627	245.801	149.479	203.288
628	245.81	149.467	203.348
629	245.821	149.454	203.409
630	245.834	149.44	203.469
631	245.848	149.424	203.53
632	245.862	149.407	203.592
633	245.875	149.39	203.656
634	245.889	149.371	203.722
635	245.902	149.351	203.788
636	245.914	149.33	203.855
637	245.927	149.308	203.922
638	245.939	149.286	203.99
639	246.006	149.274	204.262
640	246.074	149.264	204.528
641	246.138	149.259	204.772
642	246.192	149.257	204.984
643	246.234	149.258	205.17
644	246.276	149.261	205.345
645	246.312	149.267	205.497
646	246.348	149.275	205.634
647	246.385	149.286	205.766
648	246.424	149.3	205.897
649	246.46	149.317	206.026
650	246.509	149.332	206.167
651	246.559	149.346	206.314
652	246.603	149.36	206.45
653	246.638	149.373	206.569
654	246.675	149.387	206.698
655	246.705	149.402	206.804
656	246.712	149.419	206.812
657	246.703	149.437	206.748
658	246.696	149.45	206.687
659	246.683	149.465	206.622
660	246.671	149.48	206.557
661	246.658	149.494	206.492
662	246.645	149.509	206.428
663	246.633	149.524	206.363
664	246.62	149.538	206.299
665	246.607	149.553	206.234
666	246.595	149.568	206.17
667	246.582	149.582	206.106
668	246.569	149.597	206.042
669	246.557	149.611	205.978
670	246.544	149.626	205.914
671	246.531	149.64	205.85
672	246.519	149.655	205.787

786

673	246.506	149.669	205.723
674	246.493	149.684	205.66
675	246.481	149.698	205.596
676	246.531	149.71	205.784
677	246.58	149.728	205.969
678	246.627	149.745	206.147
679	246.669	149.759	206.311
680	246.71	149.772	206.472
681	246.756	149.785	206.643
682	246.81	149.798	206.826
683	246.87	149.811	207.02
684	246.932	149.821	207.221
685	246.998	149.831	207.447
686	247.058	149.837	207.661
687	247.107	149.841	207.834
688	247.147	149.842	207.98
689	247.179	149.842	208.104
690	247.205	149.84	208.213
691	247.192	149.838	208.156
692	247.16	149.836	208.019
693	247.127	149.834	207.883
694	247.095	149.832	207.748
695	247.063	149.83	207.611
696	247.03	149.828	207.475
697	246.998	149.826	207.34
698	246.966	149.823	207.205
699	246.933	149.821	207.07
700	246.901	149.818	206.936
701	246.869	149.816	206.802
702	246.836	149.813	206.668
703	246.804	149.81	206.534
704	246.756	149.799	206.376
705	246.692	149.779	206.195
706	246.632	149.761	206.022
707	246.65	149.756	206.106
708	246.666	149.749	206.191
709	246.679	149.741	206.262
710	246.688	149.732	206.32
711	246.698	149.722	206.373
712	246.71	149.71	206.425
713	246.723	149.696	206.479
714	246.737	149.681	206.534
715	246.749	149.665	206.592
716	246.762	149.647	206.651
717	246.774	149.629	206.71
718	246.786	149.609	206.771
719	246.798	149.589	206.832
720	246.809	149.568	206.893
721	246.791	149.547	206.83
722	246.729	149.521	206.679
723	246.667	149.495	206.528
724	246.604	149.469	206.377
725	246.542	149.442	206.227
726	246.48	149.416	206.077
727	246.418	149.39	205.927
728	246.356	149.364	205.778
729	246.294	149.337	205.629

787

010096

730	246.232	149.311	205.481
731	246.17	149.284	205.333
732	246.108	149.257	205.185
733	246.049	149.231	205.039
734	245.99	149.205	204.893
735	245.928	149.178	204.747
736	245.867	149.151	204.6
737	245.805	149.125	204.455
738	245.754	149.1	204.313
739	245.811	149.085	204.546
740	245.878	149.074	204.817
741	245.946	149.065	205.082
742	246.011	149.06	205.326
743	246.066	149.058	205.541
744	246.109	149.059	205.726
745	246.15	149.063	205.9
746	246.187	149.069	206.052
747	246.223	149.078	206.189
748	246.259	149.09	206.319
749	246.299	149.104	206.448
750	246.335	149.121	206.574
751	246.382	149.137	206.712
752	246.433	149.152	206.856
753	246.478	149.167	206.992
754	246.512	149.181	207.109
755	246.549	149.195	207.234
756	246.58	149.211	207.341
757	246.591	149.228	207.362
758	246.582	149.247	207.296
759	246.574	149.261	207.232
760	246.562	149.276	207.167
761	246.549	149.291	207.101
762	246.536	149.306	207.036
763	246.524	149.321	206.97
764	246.511	149.336	206.905
765	246.498	149.351	206.84
766	246.486	149.365	206.774
767	246.473	149.38	206.709
768	246.46	149.395	206.644
769	246.447	149.41	206.58
770	246.435	149.424	206.515
771	246.422	149.439	206.45
772	246.409	149.454	206.385
773	246.397	149.468	206.321
774	246.384	149.483	206.257
775	246.371	149.498	206.192
776	246.359	149.512	206.128
777	246.409	149.524	206.315
778	246.459	149.542	206.499
779	246.506	149.56	206.677
780	246.548	149.575	206.839
781	246.589	149.588	206.999
782	246.635	149.602	207.167
783	246.687	149.615	207.346
784	246.747	149.629	207.537
785	246.809	149.641	207.735
786	246.874	149.651	207.955

788

010097

787	246.935	149.658	208.173
788	246.986	149.663	208.347
789	247.027	149.665	208.495
790	247.059	149.666	208.619
791	247.086	149.665	208.726
792	247.108	149.662	208.82
793	247.126	149.659	208.902
794	247.141	149.654	208.973
795	247.152	149.648	209.032
796	247.16	149.641	209.079
797	247.169	149.632	209.124
798	247.181	149.623	209.169
799	247.194	149.612	209.214
800	247.207	149.6	209.261
801	247.219	149.586	209.311
802	247.232	149.572	209.361
803	247.243	149.556	209.413
804	247.255	149.54	209.466
805	247.266	149.522	209.519
806	247.277	149.504	209.573
807	247.288	149.484	209.627
808	247.225	149.461	209.467
809	247.162	149.437	209.308
810	247.099	149.413	209.149
811	247.036	149.389	208.99
812	246.973	149.366	208.832
813	246.911	149.341	208.674
814	246.848	149.317	208.516
815	246.785	149.293	208.359
816	246.723	149.269	208.203
817	246.66	149.245	208.046
818	246.598	149.22	207.89
819	246.535	149.196	207.735
820	246.473	149.171	207.58
821	246.41	149.146	207.425
822	246.348	149.122	207.271
823	246.285	149.097	207.117
824	246.223	149.072	206.963
825	246.161	149.047	206.81
826	246.099	149.022	206.657
827	246.044	148.998	206.508
828	246.087	148.986	206.675
829	246.154	148.976	206.942
830	246.221	148.969	207.201
831	246.286	148.965	207.442
832	246.342	148.965	207.655
833	246.385	148.968	207.835
834	246.426	148.974	208.004
835	246.463	148.981	208.152
836	246.499	148.992	208.284
837	246.535	149.005	208.408
838	246.575	149.021	208.531
839	246.611	149.039	208.652
840	246.657	149.058	208.781
841	246.707	149.074	208.919
842	246.753	149.09	209.052
843	246.788	149.106	209.162

844	246.824	149.122	209.281
845	246.856	149.139	209.384
846	246.869	149.157	209.411
847	246.86	149.177	209.34
848	246.852	149.193	209.271
849	246.839	149.209	209.203
850	246.827	149.224	209.135
851	246.814	149.24	209.067
852	246.801	149.255	208.999
853	246.788	149.27	208.932
854	246.776	149.286	208.864
855	246.763	149.301	208.796
856	246.75	149.316	208.729
857	246.737	149.332	208.662
858	246.725	149.347	208.594
859	246.712	149.362	208.527
860	246.699	149.377	208.46
861	246.687	149.393	208.393
862	246.674	149.408	208.326
863	246.661	149.423	208.26
864	246.649	149.438	208.193
865	246.636	149.453	208.126
866	246.687	149.466	208.311
867	246.736	149.484	208.49
868	246.783	149.503	208.665
869	246.826	149.52	208.823
870	246.867	149.535	208.978
871	246.912	149.55	209.14
872	246.963	149.565	209.313
873	247.023	149.581	209.497
874	247.085	149.594	209.689
875	247.149	149.606	209.902
876	247.212	149.615	210.118
877	247.263	149.622	210.292
878	247.305	149.626	210.438
879	247.338	149.628	210.559
880	247.367	149.629	210.666
881	247.391	149.629	210.76
882	247.361	149.63	210.627
883	247.332	149.63	210.497
884	247.305	149.63	210.372
885	247.277	149.63	210.249
886	247.25	149.63	210.129
887	247.224	149.63	210.011
888	247.197	149.63	209.893
889	247.171	149.629	209.775
890	247.144	149.629	209.658
891	247.118	149.628	209.541
892	247.091	149.628	209.424
893	247.065	149.627	209.308
894	247.038	149.626	209.192
895	247.012	149.625	209.077
896	246.985	149.624	208.962
897	246.959	149.623	208.847
898	246.933	149.622	208.733
899	246.906	149.621	208.619
900	246.88	149.619	208.506

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010099

SIMULACIONES, CALCULOS Y GRAFICAS

ALSTOM

901	246.853	149.618	208.39
902	246.825	149.616	208.27
903	246.796	149.615	208.147
904	246.767	149.613	208.021
905	246.736	149.612	207.892
906	246.706	149.61	207.763
907	246.675	149.608	207.632
908	246.644	149.606	207.5
909	246.613	149.604	207.367
910	246.581	149.602	207.232
911	246.548	149.6	207.095
912	246.516	149.598	206.959
913	246.483	149.596	206.823
914	246.451	149.593	206.688
915	246.418	149.591	206.552
916	246.386	149.588	206.418
917	246.353	149.585	206.284
918	246.321	149.582	206.15
919	246.288	149.58	206.017
920	246.256	149.576	205.884
921	246.224	149.573	205.751
922	246.176	149.562	205.595
923	246.124	149.548	205.434
924	246.069	149.532	205.267
925	246.01	149.513	205.095
926	245.947	149.493	204.918
927	245.92	149.489	204.812
928	245.939	149.482	204.906
929	245.954	149.474	204.989
930	245.967	149.465	205.059
931	245.976	149.456	205.117
932	245.986	149.444	205.173
933	245.998	149.432	205.228
934	246.012	149.418	205.283
935	246.025	149.404	205.34
936	246.039	149.387	205.399
937	246.052	149.37	205.459
938	246.065	149.352	205.52
939	246.077	149.333	205.582
940	246.145	149.324	205.845
941	246.21	149.319	206.09
942	246.266	149.317	206.305
943	246.309	149.318	206.489
944	246.35	149.322	206.662
945	246.388	149.328	206.814
946	246.423	149.337	206.95
947	246.46	149.348	207.078
948	246.5	149.363	207.206
949	246.536	149.38	207.332
950	246.583	149.396	207.467
951	246.633	149.412	207.61
952	246.679	149.426	207.746
953	246.713	149.44	207.861
954	246.75	149.455	207.985
955	246.781	149.47	208.092
956	246.793	149.488	208.116
957	246.784	149.507	208.049

010100

791

958	246.777	149.522	207.984
959	246.764	149.537	207.918
960	246.751	149.552	207.852
961	246.739	149.567	207.785
962	246.726	149.582	207.719
963	246.713	149.597	207.654
964	246.7	149.612	207.588
965	246.688	149.627	207.522
966	246.675	149.642	207.456
967	246.662	149.656	207.391
968	246.65	149.671	207.326
969	246.637	149.686	207.26
970	246.624	149.701	207.195
971	246.612	149.716	207.13
972	246.599	149.73	207.065
973	246.587	149.745	207
974	246.574	149.76	206.935
975	246.561	149.774	206.87
976	246.612	149.787	207.056
977	246.661	149.804	207.239
978	246.708	149.822	207.416
979	246.75	149.837	207.578
980	246.792	149.851	207.737
981	246.837	149.865	207.904
982	246.889	149.879	208.081
983	246.949	149.893	208.271
984	247.011	149.904	208.467
985	247.076	149.915	208.686
986	247.138	149.922	208.904
987	247.189	149.927	209.079
988	247.23	149.93	209.226
989	247.263	149.93	209.35
990	247.29	149.929	209.457
991	247.313	149.927	209.55
992	247.331	149.923	209.632
993	247.345	149.918	209.703
994	247.357	149.913	209.762
995	247.366	149.906	209.811
996	247.375	149.898	209.855
997	247.361	149.89	209.796
998	247.329	149.883	209.658
999	247.296	149.876	209.517
1000	247.263	149.868	209.374
1001	247.229	149.861	209.229
1002	247.194	149.853	209.081
1003	247.159	149.845	208.931
1004	247.121	149.837	208.779
1005	247.039	149.811	208.59
1006	246.987	149.798	208.432
1007	246.938	149.788	208.278
1008	246.89	149.778	208.125
1009	246.842	149.767	207.973
1010	246.793	149.757	207.82
1011	246.739	149.743	207.662
1012	246.677	149.725	207.497
1013	246.606	149.703	207.323
1014	246.538	149.683	207.154

792

010101

1015	246.466	149.66	206.98
1016	246.386	149.633	206.798
1017	246.309	149.607	206.619
1018	246.321	149.596	206.67
1019	246.335	149.583	206.722
1020	246.348	149.569	206.776
1021	246.361	149.554	206.831
1022	246.374	149.537	206.888
1023	246.387	149.52	206.945
1024	246.399	149.501	207.004
1025	246.412	149.482	207.064
1026	246.423	149.461	207.124
1027	246.49	149.449	207.392
1028	246.558	149.44	207.655
1029	246.606	149.435	207.831
1030	246.584	149.432	207.7
1031	246.511	149.407	207.525
1032	246.439	149.383	207.352
1033	246.366	149.358	207.179
1034	246.333	149.347	207.032
1035	246.301	149.335	206.886
1036	246.268	149.323	206.74
1037	246.236	149.311	206.595
1038	246.203	149.299	206.45
1039	246.17	149.287	206.305
1040	246.138	149.275	206.161
1041	246.092	149.258	206.008
1042	246.136	149.255	206.164
1043	246.186	149.254	206.365
1044	246.228	149.256	206.545
1045	246.268	149.261	206.711
1046	246.304	149.268	206.853
1047	246.339	149.278	206.984
1048	246.378	149.291	207.112
1049	246.416	149.307	207.239
1050	246.455	149.325	207.365
1051	246.507	149.34	207.507
1052	246.557	149.356	207.651
1053	246.597	149.37	207.776
1054	246.633	149.384	207.895
1055	246.668	149.399	208.015
1056	246.696	149.415	208.111
1057	246.695	149.433	208.08
1058	246.687	149.451	208.013
1059	246.68	149.463	207.951
1060	246.668	149.478	207.884
1061	246.655	149.493	207.818
1062	246.642	149.508	207.752
1063	246.63	149.523	207.686
1064	246.617	149.538	207.62
1065	246.604	149.553	207.554
1066	246.592	149.568	207.489
1067	246.579	149.583	207.423
1068	246.566	149.598	207.357
1069	246.554	149.613	207.292
1070	246.541	149.627	207.227
1071	246.528	149.642	207.161

793

010102

ALSTOM

010103

1072	246.516	149.657	207.096
1073	246.503	149.672	207.031
1074	246.49	149.686	206.966
1075	246.478	149.701	206.901
1076	246.465	149.716	206.836
1077	246.515	149.73	207.021
1078	246.564	149.75	207.204
1079	246.609	149.766	207.374
1080	246.651	149.781	207.535
1081	246.693	149.794	207.695
1082	246.741	149.808	207.866
1083	246.796	149.822	208.049
1084	246.857	149.835	208.242
1085	246.921	149.846	208.445
1086	246.986	149.856	208.676
1087	247.044	149.862	208.876
1088	247.09	149.866	209.038
1089	247.127	149.867	209.175
1090	247.158	149.867	209.292
1091	247.183	149.866	209.393
1092	247.204	149.863	209.482
1093	247.221	149.859	209.561
1094	247.235	149.854	209.628
1095	247.246	149.848	209.685
1096	247.255	149.841	209.73
1097	247.264	149.833	209.774
1098	247.275	149.823	209.818
1099	247.288	149.813	209.862
1100	247.301	149.801	209.907
1101	247.314	149.788	209.954
1102	247.326	149.774	210.003
1103	247.338	149.76	210.052
1104	247.304	149.746	209.898
1105	247.269	149.733	209.745
1106	247.235	149.719	209.592
1107	247.2	149.706	209.439
1108	247.153	149.688	209.28
1109	247.099	149.669	209.117
1110	247.04	149.648	208.952
1111	247.009	149.634	208.817
1112	247.021	149.617	208.871
1113	247.033	149.599	208.926
1114	247.044	149.58	208.982
1115	247.055	149.56	209.037
1116	247.028	149.549	208.904
1117	247.002	149.538	208.775
1118	246.976	149.527	208.648
1119	246.95	149.515	208.523
1120	246.925	149.504	208.398
1121	246.899	149.492	208.273
1122	246.874	149.481	208.148
1123	246.848	149.469	208.024
1124	246.823	149.458	207.9
1125	246.797	149.446	207.777
1126	246.772	149.434	207.654
1127	246.746	149.422	207.531
1128	246.721	149.41	207.408

734

1129	246.695	149.398	207.286
1130	246.67	149.386	207.164
1131	246.645	149.374	207.043
1132	246.619	149.362	206.922
1133	246.594	149.35	206.801
1134	246.568	149.337	206.68
1135	246.543	149.325	206.56
1136	246.518	149.312	206.44
1137	246.492	149.3	206.32
1138	246.467	149.287	206.201
1139	246.442	149.275	206.081
1140	246.416	149.262	205.962
1141	246.391	149.249	205.844
1142	246.366	149.237	205.726
1143	246.341	149.224	205.608
1144	246.315	149.211	205.49
1145	246.29	149.198	205.372
1146	246.264	149.185	205.254
1147	246.239	149.172	205.135
1148	246.213	149.159	205.017
1149	246.187	149.145	204.898
1150	246.162	149.132	204.78
1151	246.136	149.119	204.662
1152	246.11	149.105	204.545
1153	246.084	149.092	204.428
1154	246.059	149.079	204.311
1155	246.033	149.065	204.194
1156	246.007	149.051	204.078
1157	245.982	149.038	203.962
1158	245.956	149.024	203.846
1159	245.931	149.01	203.731
1160	245.905	148.997	203.615
1161	245.879	148.983	203.501
1162	245.854	148.969	203.386
1163	245.828	148.955	203.272
1164	245.803	148.941	203.158
1165	245.818	148.926	203.216
1166	245.884	148.913	203.491
1167	245.952	148.902	203.762
1168	246.019	148.894	204.027
1169	246.083	148.888	204.271
1170	246.14	148.886	204.49
1171	246.182	148.887	204.68
1172	246.224	148.89	204.859
1173	246.263	148.895	205.025
1174	246.244	148.901	204.943
1175	246.22	148.907	204.84
1176	246.197	148.913	204.738
1177	246.173	148.919	204.636
1178	246.149	148.925	204.534
1179	246.126	148.931	204.433
1180	246.102	148.936	204.331
1181	246.078	148.942	204.229
1182	246.054	148.947	204.127
1183	246.03	148.953	204.026
1184	246.006	148.958	203.924
1185	245.982	148.963	203.824

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010104

010105

1186	245.959	148.968	203.724
1187	245.935	148.973	203.624
1188	245.911	148.978	203.525
1189	245.887	148.983	203.426
1190	245.864	148.988	203.327
1191	245.84	148.993	203.229
1192	245.816	148.997	203.131
1193	245.793	149.002	203.033
1194	245.769	149.006	202.936
1195	245.746	149.01	202.839
1196	245.722	149.014	202.742
1197	245.698	149.019	202.645
1198	245.668	149.018	202.536
1199	245.627	149.011	202.408
1200	245.576	148.998	202.262
1201	245.515	148.978	202.097
1202	245.509	148.982	202.075
1203	245.545	148.987	202.223
1204	245.582	148.996	202.364
1205	245.622	149.007	202.504
1206	245.658	149.021	202.642
1207	245.705	149.034	202.79
1208	245.756	149.047	202.945
1209	245.801	149.058	203.092
1210	245.836	149.069	203.218
1211	245.873	149.082	203.354
1212	245.904	149.094	203.469
1213	245.913	149.109	203.495
1214	245.905	149.126	203.439
1215	245.898	149.138	203.384
1216	245.885	149.152	203.323
1217	245.872	149.166	203.261
1218	245.86	149.18	203.2
1219	245.847	149.194	203.139
1220	245.834	149.208	203.078
1221	245.822	149.222	203.017
1222	245.809	149.236	202.956
1223	245.797	149.25	202.895
1224	245.784	149.264	202.834
1225	245.771	149.277	202.773
1226	245.759	149.291	202.713
1227	245.746	149.305	202.652
1228	245.734	149.319	202.592
1229	245.721	149.333	202.531
1230	245.708	149.346	202.471
1231	245.696	149.36	202.411
1232	245.683	149.374	202.351
1233	245.734	149.384	202.544
1234	245.783	149.4	202.734
1235	245.83	149.415	202.919
1236	245.872	149.428	203.09
1237	245.913	149.439	203.258
1238	245.959	149.45	203.435
1239	246.011	149.461	203.624
1240	246.071	149.473	203.823
1241	246.134	149.481	204.031
1242	246.199	149.489	204.261

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1243	246.26	149.494	204.487
1244	246.311	149.496	204.671
1245	246.352	149.496	204.827
1246	246.385	149.494	204.961
1247	246.412	149.49	205.078
1248	246.435	149.485	205.182
1249	246.454	149.479	205.275
1250	246.469	149.472	205.359
1251	246.482	149.464	205.432
1252	246.492	149.456	205.495
1253	246.501	149.446	205.55
1254	246.51	149.436	205.604
1255	246.521	149.425	205.658
1256	246.532	149.413	205.711
1257	246.546	149.4	205.765
1258	246.559	149.387	205.819
1259	246.572	149.373	205.875
1260	246.585	149.358	205.931
1261	246.598	149.343	205.989
1262	246.61	149.327	206.047
1263	246.623	149.31	206.106
1264	246.635	149.292	206.166
1265	246.647	149.273	206.226
1266	246.659	149.254	206.287
1267	246.67	149.234	206.349
1268	246.681	149.213	206.41
1269	246.652	149.193	206.302
1270	246.617	149.174	206.164
1271	246.582	149.154	206.026
1272	246.546	149.134	205.889
1273	246.511	149.115	205.752
1274	246.476	149.095	205.615
1275	246.44	149.075	205.479
1276	246.405	149.055	205.342
1277	246.37	149.035	205.206
1278	246.334	149.015	205.07
1279	246.228	148.98	204.905
1280	246.179	148.961	204.769
1281	246.152	148.948	204.646
1282	246.125	148.935	204.525
1283	246.099	148.922	204.406
1284	246.073	148.909	204.29
1285	246.048	148.896	204.176
1286	246.022	148.883	204.059
1287	245.996	148.87	203.941
1288	245.969	148.857	203.82
1289	245.933	148.841	203.694
1290	245.846	148.811	203.542
1291	245.786	148.784	203.4
1292	245.767	148.771	203.313
1293	245.834	148.757	203.587
1294	245.901	148.747	203.858
1295	245.968	148.74	204.12
1296	246.031	148.736	204.358
1297	246.081	148.735	204.563
1298	246.088	148.738	204.598
1299	246.034	148.723	204.441

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010106

010107

1300	245.982	148.71	204.288
1301	245.933	148.698	204.138
1302	245.887	148.687	203.992
1303	245.843	148.678	203.849
1304	245.808	148.672	203.717
1305	245.772	148.666	203.586
1306	245.737	148.66	203.456
1307	245.701	148.653	203.326
1308	245.666	148.647	203.196
1309	245.63	148.641	203.066
1310	245.594	148.634	202.937
1311	245.559	148.628	202.808
1312	245.523	148.621	202.679
1313	245.488	148.614	202.551
1314	245.452	148.607	202.423
1315	245.417	148.6	202.296
1316	245.382	148.593	202.17
1317	245.347	148.586	202.044
1318	245.312	148.578	201.92
1319	245.276	148.571	201.794
1320	245.3	148.573	201.902
1321	245.338	148.577	202.065
1322	245.373	148.583	202.211
1323	245.41	148.593	202.35
1324	245.45	148.605	202.489
1325	245.486	148.62	202.625
1326	245.533	148.634	202.772
1327	245.584	148.647	202.926
1328	245.629	148.659	203.071
1329	245.663	148.671	203.197
1330	245.7	148.683	203.331
1331	245.731	148.697	203.445
1332	245.741	148.712	203.473
1333	245.733	148.73	203.416
1334	245.725	148.742	203.36
1335	245.713	148.756	203.298
1336	245.7	148.77	203.236
1337	245.687	148.784	203.175
1338	245.675	148.798	203.113
1339	245.662	148.812	203.051
1340	245.649	148.826	202.99
1341	245.637	148.84	202.929
1342	245.624	148.854	202.867
1343	245.611	148.868	202.806
1344	245.599	148.882	202.745
1345	245.586	148.896	202.684
1346	245.573	148.91	202.623
1347	245.561	148.924	202.562
1348	245.548	148.938	202.501
1349	245.536	148.952	202.441
1350	245.523	148.966	202.38
1351	245.51	148.98	202.319
1352	245.561	148.99	202.512
1353	245.61	149.006	202.702
1354	245.657	149.022	202.886
1355	245.699	149.035	203.056
1356	245.74	149.047	203.223

1357	245.786	149.058	203.398
1358	245.838	149.07	203.585
1359	245.898	149.082	203.784
1360	245.961	149.091	203.991
1361	246.026	149.1	204.219
1362	246.087	149.105	204.444
1363	246.137	149.108	204.626
1364	246.178	149.108	204.782
1365	246.211	149.107	204.914
1366	246.238	149.104	205.029
1367	246.26	149.1	205.131
1368	246.278	149.094	205.222
1369	246.292	149.088	205.301
1370	246.304	149.08	205.368
1371	246.312	149.072	205.423
1372	246.322	149.062	205.476
1373	246.334	149.051	205.53
1374	246.347	149.038	205.583
1375	246.36	149.024	205.639
1376	246.372	149.009	205.696
1377	246.385	148.993	205.755
1378	246.397	148.976	205.814
1379	246.409	148.957	205.875
1380	246.42	148.938	205.936
1381	246.431	148.918	205.997
1382	246.442	148.897	206.059
1383	246.334	148.863	205.89
1384	246.241	148.831	205.727
1385	246.163	148.803	205.57
1386	246.101	148.778	205.42
1387	246.053	148.756	205.277
1388	246.017	148.736	205.139
1389	245.982	148.717	205.001
1390	245.946	148.697	204.863
1391	245.911	148.678	204.726
1392	245.875	148.658	204.59
1393	245.84	148.639	204.453
1394	245.804	148.619	204.317
1395	245.769	148.599	204.182
1396	245.733	148.579	204.046
1397	245.698	148.559	203.911
1398	245.663	148.54	203.777
1399	245.627	148.52	203.642
1400	245.592	148.499	203.508
1401	245.557	148.479	203.375
1402	245.521	148.459	203.241
1403	245.486	148.439	203.108
1404	245.451	148.419	202.976
1405	245.415	148.398	202.844
1406	245.38	148.378	202.712
1407	245.345	148.358	202.58
1408	245.31	148.337	202.449
1409	245.274	148.317	202.318
1410	245.239	148.296	202.187
1411	245.204	148.275	202.057
1412	245.169	148.255	201.927
1413	245.134	148.234	201.797

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010108

SIMULACIONES, CALCULOS Y GRAFICAS

ALSTOM

1414	245.099	148.213	201.667
1415	245.063	148.192	201.538
1416	245.028	148.171	201.41
1417	244.993	148.15	201.281
1418	244.958	148.129	201.153
1419	244.923	148.108	201.025
1420	244.888	148.087	200.898
1421	244.853	148.066	200.771
1422	244.818	148.045	200.644
1423	244.783	148.024	200.517
1424	244.748	148.003	200.391
1425	244.713	147.981	200.266
1426	244.679	147.96	200.142
1427	244.645	147.938	200.02
1428	244.611	147.917	199.901
1429	244.578	147.895	199.786
1430	244.546	147.873	199.675
1431	244.515	147.852	199.567
1432	244.484	147.83	199.461
1433	244.454	147.808	199.354
1434	244.423	147.786	199.248
1435	244.391	147.764	199.14
1436	244.359	147.742	199.028
1437	244.326	147.72	198.914
1438	244.293	147.698	198.798
1439	244.259	147.677	198.679
1440	244.225	147.655	198.56
1441	244.19	147.633	198.44
1442	244.156	147.611	198.32
1443	244.222	147.596	198.602
1444	244.29	147.584	198.88
1445	244.357	147.575	199.151
1446	244.421	147.57	199.398
1447	244.471	147.568	199.613
1448	244.514	147.568	199.806
1449	244.554	147.571	199.985
1450	244.59	147.576	200.142
1451	244.625	147.584	200.286
1452	244.662	147.595	200.428
1453	244.701	147.608	200.568
1454	244.738	147.624	200.707
1455	244.789	147.637	200.861
1456	244.84	147.65	201.017
1457	244.881	147.662	201.158
1458	244.916	147.674	201.287
1459	244.952	147.687	201.421
1460	244.981	147.7	201.531
1461	244.983	147.716	201.527
1462	244.975	147.732	201.472
1463	244.968	147.742	201.42
1464	244.955	147.757	201.359
1465	244.943	147.771	201.298
1466	244.93	147.785	201.237
1467	244.917	147.799	201.177
1468	244.905	147.812	201.116
1469	244.892	147.826	201.056
1470	244.879	147.84	200.996

010109

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1471	244.867	147.854	200.935
1472	244.854	147.868	200.875
1473	244.841	147.882	200.815
1474	244.829	147.896	200.755
1475	244.816	147.91	200.695
1476	244.803	147.923	200.635
1477	244.791	147.937	200.576
1478	244.778	147.951	200.516
1479	244.765	147.965	200.456
1480	244.753	147.978	200.397
1481	244.803	147.99	200.589
1482	244.852	148.007	200.78
1483	244.897	148.022	200.961
1484	244.939	148.035	201.131
1485	244.98	148.046	201.3
1486	245.027	148.058	201.48
1487	245.081	148.069	201.673
1488	245.142	148.081	201.876
1489	245.205	148.09	202.087
1490	245.27	148.098	202.324
1491	245.328	148.103	202.539
1492	245.375	148.105	202.716
1493	245.413	148.106	202.866
1494	245.444	148.105	202.995
1495	245.47	148.102	203.109
1496	245.491	148.098	203.21
1497	245.507	148.093	203.3
1498	245.521	148.086	203.379
1499	245.531	148.079	203.445
1500	245.539	148.071	203.501
1501	245.549	148.062	203.556
1502	245.56	148.051	203.611
1503	245.573	148.04	203.667
1504	245.586	148.027	203.724
1505	245.598	148.013	203.782
1506	245.611	147.999	203.843
1507	245.623	147.983	203.904
1508	245.634	147.966	203.966
1509	245.645	147.949	204.028
1510	245.657	147.93	204.091
1511	245.667	147.911	204.154
1512	245.678	147.892	204.217
1513	245.643	147.874	204.085
1514	245.608	147.856	203.955
1515	245.574	147.838	203.824
1516	245.539	147.82	203.695
1517	245.504	147.802	203.565
1518	245.47	147.783	203.437
1519	245.436	147.765	203.308
1520	245.401	147.747	203.18
1521	245.367	147.728	203.052
1522	245.333	147.71	202.925
1523	245.298	147.692	202.797
1524	245.264	147.673	202.67
1525	245.229	147.654	202.543
1526	245.195	147.636	202.417
1527	245.161	147.617	202.29

010111

1528	245.126	147.598	202.164
1529	245.092	147.58	202.039
1530	245.058	147.561	201.913
1531	245.124	147.549	202.188
1532	245.19	147.54	202.457
1533	245.256	147.534	202.719
1534	245.319	147.533	202.956
1535	245.368	147.534	203.16
1536	245.409	147.538	203.342
1537	245.449	147.544	203.51
1538	245.484	147.552	203.655
1539	245.518	147.563	203.789
1540	245.556	147.577	203.921
1541	245.594	147.593	204.051
1542	245.632	147.612	204.18
1543	245.684	147.628	204.325
1544	245.733	147.644	204.472
1545	245.773	147.658	204.6
1546	245.808	147.673	204.722
1547	245.843	147.688	204.845
1548	245.871	147.704	204.944
1549	245.87	147.722	204.917
1550	245.862	147.739	204.853
1551	245.856	147.751	204.794
1552	245.843	147.766	204.73
1553	245.83	147.781	204.665
1554	245.817	147.796	204.601
1555	245.804	147.811	204.536
1556	245.792	147.826	204.472
1557	245.779	147.84	204.408
1558	245.766	147.855	204.344
1559	245.753	147.87	204.28
1560	245.74	147.885	204.216
1561	245.728	147.899	204.152
1562	245.715	147.914	204.088
1563	245.702	147.929	204.024
1564	245.689	147.943	203.961
1565	245.677	147.958	203.897
1566	245.664	147.973	203.834
1567	245.651	147.987	203.771
1568	245.638	148.002	203.707
1569	245.688	148.016	203.894
1570	245.737	148.035	204.078
1571	245.782	148.051	204.25
1572	245.823	148.066	204.413
1573	245.865	148.08	204.575
1574	245.912	148.094	204.748
1575	245.967	148.108	204.934
1576	246.028	148.122	205.129
1577	246.091	148.133	205.334
1578	246.156	148.144	205.567
1579	246.213	148.151	205.769
1580	246.258	148.155	205.934
1581	246.294	148.158	206.071
1582	246.324	148.159	206.189
1583	246.348	148.158	206.292
1584	246.367	148.157	206.382

872

1585	246.383	148.154	206.461
1586	246.395	148.15	206.528
1587	246.404	148.145	206.584
1588	246.324	148.122	206.394
1589	246.244	148.099	206.206
1590	246.164	148.075	206.018
1591	246.084	148.052	205.83
1592	246.005	148.028	205.643
1593	245.925	148.004	205.457
1594	245.845	147.981	205.271
1595	245.765	147.957	205.086
1596	245.685	147.933	204.901
1597	245.606	147.908	204.716
1598	245.526	147.884	204.532
1599	245.447	147.86	204.349
1600	245.367	147.835	204.166
1601	245.288	147.811	203.984
1602	245.208	147.786	203.802
1603	245.129	147.761	203.621
1604	245.05	147.736	203.44
1605	244.97	147.711	203.26
1606	244.895	147.688	203.084
1607	244.819	147.664	202.909
1608	244.743	147.64	202.733
1609	244.675	147.62	202.565
1610	244.616	147.603	202.406
1611	244.624	147.595	202.463
1612	244.634	147.585	202.519
1613	244.647	147.574	202.576
1614	244.66	147.562	202.633
1615	244.673	147.549	202.692
1616	244.686	147.535	202.753
1617	244.698	147.52	202.814
1618	244.71	147.504	202.877
1619	244.722	147.487	202.94
1620	244.734	147.469	203.004
1621	244.745	147.451	203.068
1622	244.756	147.432	203.132
1623	244.767	147.412	203.197
1624	244.732	147.394	203.064
1625	244.697	147.376	202.932
1626	244.737	147.365	203.094
1627	244.804	147.356	203.363
1628	244.87	147.351	203.626
1629	244.934	147.348	203.867
1630	244.987	147.35	204.076
1631	244.998	147.354	204.127
1632	244.962	147.351	203.99
1633	244.927	147.348	203.859
1634	244.893	147.344	203.731
1635	244.859	147.341	203.605
1636	244.826	147.337	203.479
1637	244.793	147.333	203.359
1638	244.761	147.329	203.24
1639	244.728	147.325	203.121
1640	244.696	147.321	203.004
1641	244.664	147.317	202.885

1642	244.631	147.313	202.767
1643	244.599	147.308	202.649
1644	244.566	147.304	202.531
1645	244.534	147.299	202.413
1646	244.501	147.295	202.296
1647	244.469	147.29	202.179
1648	244.436	147.285	202.063
1649	244.404	147.28	201.947
1650	244.372	147.275	201.831
1651	244.339	147.27	201.716
1652	244.307	147.265	201.599
1653	244.273	147.26	201.481
1654	244.264	147.264	201.451
1655	244.303	147.269	201.616
1656	244.338	147.277	201.762
1657	244.374	147.288	201.898
1658	244.414	147.302	202.034
1659	244.45	147.319	202.167
1660	244.497	147.334	202.311
1661	244.548	147.349	202.462
1662	244.592	147.362	202.603
1663	244.627	147.376	202.726
1664	244.664	147.39	202.858
1665	244.694	147.404	202.968
1666	244.702	147.42	202.983
1667	244.693	147.438	202.924
1668	244.686	147.451	202.866
1669	244.673	147.465	202.804
1670	244.661	147.48	202.741
1671	244.648	147.494	202.678
1672	244.635	147.509	202.616
1673	244.622	147.523	202.553
1674	244.61	147.538	202.491
1675	244.597	147.552	202.429
1676	244.584	147.566	202.367
1677	244.572	147.58	202.304
1678	244.559	147.595	202.242
1679	244.546	147.609	202.18
1680	244.534	147.623	202.119
1681	244.521	147.637	202.057
1682	244.508	147.652	201.995
1683	244.496	147.666	201.934
1684	244.483	147.68	201.872
1685	244.471	147.694	201.811
1686	244.521	147.706	202.001
1687	244.57	147.723	202.187
1688	244.616	147.739	202.368
1689	244.658	147.754	202.534
1690	244.699	147.767	202.699
1691	244.745	147.779	202.872
1692	244.797	147.792	203.057
1693	244.857	147.806	203.254
1694	244.919	147.816	203.457
1695	244.984	147.826	203.684
1696	245.045	147.833	203.905
1697	245.095	147.837	204.082
1698	245.135	147.84	204.234

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010113

1699	245.167	147.84	204.362
1700	245.193	147.839	204.475
1701	245.215	147.837	204.573
1702	245.233	147.833	204.661
1703	245.247	147.829	204.738
1704	245.211	147.825	204.6
1705	245.175	147.821	204.463
1706	245.139	147.817	204.326
1707	245.103	147.813	204.191
1708	245.068	147.809	204.059
1709	245.034	147.805	203.929
1710	244.999	147.801	203.8
1711	244.965	147.796	203.672
1712	244.931	147.792	203.543
1713	244.896	147.787	203.414
1714	244.862	147.782	203.286
1715	244.827	147.777	203.158
1716	244.793	147.772	203.031
1717	244.758	147.767	202.904
1718	244.724	147.762	202.776
1719	244.689	147.757	202.649
1720	244.654	147.752	202.521
1721	244.619	147.746	202.392
1722	244.584	147.741	202.265
1723	244.549	147.735	202.137
1724	244.514	147.729	202.01
1725	244.479	147.724	201.882
1726	244.444	147.718	201.753
1727	244.408	147.712	201.625
1728	244.373	147.706	201.497
1729	244.338	147.7	201.37
1730	244.302	147.694	201.243
1731	244.267	147.687	201.116
1732	244.26	147.69	201.097
1733	244.299	147.694	201.267
1734	244.335	147.7	201.416
1735	244.37	147.709	201.555
1736	244.41	147.722	201.693
1737	244.447	147.736	201.829
1738	244.49	147.752	201.97
1739	244.541	147.766	202.122
1740	244.59	147.779	202.276
1741	244.628	147.791	202.405
1742	244.664	147.804	202.535
1743	244.697	147.817	202.657
1744	244.718	147.832	202.732
1745	244.71	147.849	202.68
1746	244.702	147.864	202.622
1747	244.69	147.878	202.56
1748	244.677	147.892	202.498
1749	244.664	147.907	202.436
1750	244.652	147.921	202.375
1751	244.639	147.935	202.313
1752	244.626	147.949	202.251
1753	244.614	147.963	202.19
1754	244.601	147.977	202.128
1755	244.589	147.991	202.067

010115

1756	244.576	148.005	202.006
1757	244.563	148.019	201.945
1758	244.551	148.033	201.883
1759	244.538	148.047	201.822
1760	244.526	148.061	201.761
1761	244.513	148.075	201.701
1762	244.5	148.089	201.64
1763	244.488	148.103	201.579
1764	244.54	148.113	201.772
1765	244.589	148.127	201.962
1766	244.638	148.144	202.151
1767	244.681	148.159	202.324
1768	244.723	148.171	202.491
1769	244.766	148.183	202.661
1770	244.816	148.196	202.842
1771	244.873	148.208	203.036
1772	244.935	148.219	203.239
1773	244.999	148.229	203.456
1774	245.064	148.236	203.697
1775	245.119	148.24	203.895
1776	245.163	148.243	204.061
1777	245.199	148.243	204.202
1778	245.229	148.242	204.325
1779	245.255	148.24	204.434
1780	245.275	148.236	204.531
1781	245.293	148.231	204.618
1782	245.306	148.226	204.694
1783	245.318	148.219	204.76
1784	245.327	148.212	204.815
1785	245.336	148.203	204.867
1786	245.347	148.194	204.919
1787	245.36	148.183	204.971
1788	245.373	148.171	205.024
1789	245.386	148.158	205.079
1790	245.399	148.144	205.135
1791	245.411	148.13	205.192
1792	245.423	148.114	205.249
1793	245.436	148.099	205.307
1794	245.448	148.082	205.366
1795	245.459	148.066	205.425
1796	245.526	148.057	205.692
1797	245.593	148.052	205.95
1798	245.656	148.05	206.184
1799	245.706	148.053	206.384
1800	245.748	148.057	206.559
1801	245.787	148.065	206.72
1802	245.822	148.074	206.858
1803	245.857	148.087	206.984
1804	245.895	148.102	207.108
1805	245.932	148.12	207.231
1806	245.972	148.14	207.354
1807	246.023	148.158	207.492
1808	246.073	148.174	207.632
1809	246.112	148.19	207.753
1810	246.148	148.206	207.868
1811	246.182	148.223	207.983
1812	246.209	148.24	208.071

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1813	246.207	148.26	208.031
1814	246.198	148.278	207.961
1815	246.192	148.291	207.897
1816	246.179	148.306	207.829
1817	246.167	148.322	207.762
1818	246.154	148.337	207.694
1819	246.141	148.353	207.627
1820	246.128	148.368	207.56
1821	246.116	148.383	207.493
1822	246.103	148.399	207.426
1823	246.09	148.414	207.359
1824	246.077	148.429	207.292
1825	246.065	148.445	207.225
1826	246.052	148.46	207.159
1827	246.039	148.475	207.092
1828	246.026	148.49	207.026
1829	246.014	148.505	206.959
1830	246.001	148.52	206.893
1831	245.988	148.536	206.827
1832	245.975	148.551	206.761
1833	246.025	148.566	206.943
1834	246.074	148.587	207.122
1835	246.118	148.604	207.289
1836	246.16	148.62	207.446
1837	246.202	148.635	207.603
1838	246.25	148.65	207.771
1839	246.306	148.666	207.951
1840	246.366	148.681	208.14
1841	246.43	148.693	208.341
1842	246.495	148.705	208.571
1843	246.551	148.713	208.764
1844	246.597	148.719	208.922
1845	246.633	148.722	209.053
1846	246.663	148.724	209.166
1847	246.688	148.725	209.263
1848	246.708	148.724	209.348
1849	246.725	148.723	209.424
1850	246.738	148.72	209.488
1851	246.749	148.716	209.543
1852	246.757	148.712	209.587
1853	246.765	148.706	209.627
1854	246.775	148.7	209.668
1855	246.786	148.693	209.708
1856	246.799	148.685	209.749
1857	246.811	148.675	209.791
1858	246.824	148.665	209.835
1859	246.835	148.654	209.88
1860	246.847	148.643	209.926
1861	246.858	148.63	209.972
1862	246.87	148.617	210.02
1863	246.881	148.603	210.068
1864	246.892	148.588	210.117
1865	246.902	148.573	210.166
1866	246.912	148.558	210.215
1867	246.922	148.542	210.264
1868	246.932	148.525	210.314
1869	246.9	148.51	210.184

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1870	246.869	148.495	210.054
1871	246.837	148.48	209.924
1872	246.806	148.464	209.795
1873	246.774	148.449	209.665
1874	246.743	148.433	209.538
1875	246.712	148.418	209.412
1876	246.777	148.41	209.673
1877	246.843	148.405	209.929
1878	246.909	148.403	210.174
1879	246.971	148.406	210.392
1880	247.016	148.411	210.574
1881	247.057	148.419	210.738
1882	247.095	148.43	210.884
1883	247.129	148.443	211.009
1884	247.163	148.458	211.124
1885	247.202	148.477	211.238
1886	247.239	148.498	211.349
1887	247.28	148.52	211.465
1888	247.331	148.54	211.593
1889	247.38	148.56	211.723
1890	247.417	148.578	211.829
1891	247.452	148.597	211.936
1892	247.486	148.616	212.038
1893	247.507	148.636	212.093
1894	247.498	148.658	212.018
1895	247.49	148.677	211.941
1896	247.477	148.694	211.869
1897	247.464	148.71	211.797
1898	247.452	148.726	211.726
1899	247.439	148.743	211.654
1900	247.426	148.759	211.583
1901	247.413	148.775	211.512
1902	247.4	148.791	211.441
1903	247.387	148.808	211.37
1904	247.374	148.824	211.299
1905	247.361	148.84	211.228
1906	247.349	148.856	211.157
1907	247.336	148.872	211.087
1908	247.323	148.888	211.016
1909	247.31	148.904	210.946
1910	247.297	148.92	210.876
1911	247.284	148.936	210.805
1912	247.271	148.952	210.735
1913	247.324	148.966	210.915
1914	247.373	148.985	211.09
1915	247.422	149.007	211.262
1916	247.465	149.026	211.418
1917	247.507	149.044	211.566
1918	247.55	149.062	211.716
1919	247.599	149.08	211.878
1920	247.656	149.098	212.051
1921	247.717	149.115	212.232
1922	247.78	149.13	212.429
1923	247.845	149.143	212.65
1924	247.9	149.153	212.829
1925	247.944	149.161	212.975
1926	247.979	149.168	213.096

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1927	248.009	149.172	213.2
1928	248.034	149.175	213.29
1929	248.055	149.178	213.369
1930	248.073	149.179	213.439
1931	248.088	149.179	213.501
1932	248.1	149.179	213.555
1933	248.111	149.178	213.6
1934	248.119	149.176	213.637
1935	248.126	149.174	213.667
1936	248.134	149.17	213.698
1937	248.143	149.166	213.729
1938	248.154	149.162	213.76
1939	248.166	149.156	213.791
1940	248.177	149.15	213.823
1941	248.189	149.142	213.856
1942	248.2	149.135	213.89
1943	248.211	149.126	213.925
1944	248.222	149.117	213.962
1945	248.233	149.107	213.998
1946	248.244	149.097	214.036
1947	248.254	149.086	214.074
1948	248.265	149.075	214.113
1949	248.275	149.063	214.153
1950	248.284	149.051	214.192
1951	248.294	149.038	214.232
1952	248.303	149.025	214.272
1953	248.313	149.011	214.313
1954	248.284	149.006	214.165
1955	248.349	149.001	214.416
1956	248.414	149	214.661
1957	248.478	149.002	214.893
1958	248.538	149.007	215.098
1959	248.582	149.015	215.267
1960	248.622	149.026	215.42
1961	248.659	149.04	215.556
1962	248.693	149.055	215.671
1963	248.727	149.073	215.775
1964	248.765	149.095	215.878
1965	248.801	149.119	215.978
1966	248.842	149.143	216.082
1967	248.893	149.166	216.199
1968	248.942	149.188	216.318
1969	248.979	149.209	216.415
1970	249.014	149.23	216.512
1971	249.047	149.252	216.604
1972	249.069	149.274	216.651
1973	249.061	149.298	216.669
1974	249.052	149.32	216.481
1975	249.047	149.336	216.401
1976	249.034	149.353	216.325
1977	249.021	149.37	216.249
1978	249.008	149.388	216.173
1979	248.995	149.405	216.098
1980	248.982	149.422	216.022
1981	248.969	149.439	215.947
1982	248.956	149.456	215.871
1983	248.943	149.473	215.796

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1984	248.93	149.491	215.721
1985	248.917	149.508	215.646
1986	248.904	149.525	215.571
1987	248.891	149.542	215.496
1988	248.878	149.559	215.421
1989	248.865	149.576	215.347
1990	248.852	149.593	215.272
1991	248.839	149.61	215.198
1992	248.826	149.627	215.123
1993	248.813	149.643	215.049
1994	248.8	149.66	214.975
1995	248.788	149.677	214.901
1996	248.775	149.694	214.827
1997	248.762	149.711	214.753
1998	248.749	149.728	214.679
1999	248.736	149.744	214.606
2000	248.723	149.761	214.532
2001	248.71	149.778	214.459
2002	248.697	149.794	214.386
2003	248.684	149.811	214.312
2004	248.671	149.828	214.239
2005	248.658	149.844	214.166
2006	248.645	149.861	214.093
2007	248.632	149.877	214.021
2008	248.62	149.894	213.948
2009	248.607	149.91	213.875
2010	248.594	149.927	213.803
2011	248.581	149.943	213.73
2012	248.568	149.959	213.658
2013	248.555	149.976	213.586
2014	248.542	149.992	213.514
2015	248.529	150.008	213.442
2016	248.517	150.025	213.37
2017	248.504	150.041	213.298
2018	248.491	150.057	213.227
2019	248.478	150.073	213.155
2020	248.465	150.09	213.084
2021	248.452	150.106	213.012
2022	248.439	150.122	212.941
2023	248.427	150.138	212.87
2024	248.414	150.154	212.799
2025	248.401	150.17	212.728
2026	248.388	150.186	212.657
2027	248.375	150.202	212.586
2028	248.362	150.218	212.515
2029	248.35	150.234	212.445
2030	248.337	150.25	212.374
2031	248.324	150.266	212.304
2032	248.311	150.282	212.233
2033	248.298	150.298	212.163
2034	248.286	150.314	212.093
2035	248.273	150.33	212.023
2036	248.26	150.346	211.953
2037	248.247	150.361	211.883
2038	248.234	150.377	211.814
2039	248.222	150.393	211.744
2040	248.209	150.408	211.674

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010120

2041	248.196	150.424	211.605
2042	248.183	150.44	211.536
2043	248.171	150.455	211.466
2044	248.158	150.471	211.397
2045	248.145	150.487	211.328
2046	248.132	150.502	211.259
2047	248.12	150.518	211.191
2048	248.107	150.533	211.122
2049	248.094	150.549	211.053
2050	248.081	150.564	210.985
2051	248.069	150.58	210.916
2052	248.056	150.595	210.848
2053	248.043	150.61	210.779
2054	248.03	150.626	210.711
2055	248.018	150.641	210.643
2056	248.005	150.657	210.575
2057	247.992	150.672	210.507
2058	247.98	150.687	210.439
2059	247.967	150.702	210.372
2060	247.954	150.718	210.304
2061	247.941	150.733	210.237
2062	247.929	150.748	210.169
2063	247.916	150.763	210.102
2064	247.903	150.778	210.035
2065	247.891	150.793	209.967
2066	247.878	150.808	209.9
2067	247.865	150.824	209.833
2068	247.853	150.839	209.767
2069	247.84	150.854	209.7
2070	247.827	150.869	209.633
2071	247.815	150.884	209.566
2072	247.802	150.899	209.5
2073	247.789	150.913	209.434
2074	247.777	150.928	209.367
2075	247.764	150.943	209.301
2076	247.751	150.958	209.235
2077	247.739	150.973	209.169
2078	247.726	150.988	209.103
2079	247.714	151.003	209.037
2080	247.701	151.017	208.971
2081	247.688	151.032	208.906
2082	247.676	151.047	208.84
2083	247.663	151.061	208.775
2084	247.65	151.076	208.709
2085	247.638	151.091	208.644
2086	247.625	151.105	208.579
2087	247.613	151.12	208.513
2088	247.6	151.135	208.448
2089	247.587	151.149	208.383
2090	247.575	151.164	208.319
2091	247.562	151.178	208.254
2092	247.55	151.193	208.189
2093	247.537	151.207	208.125
2094	247.524	151.222	208.06
2095	247.512	151.236	207.996
2096	247.499	151.25	207.931
2097	247.487	151.265	207.867

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2098	247.474	151.279	207.803
2099	247.462	151.294	207.739
2100	247.449	151.308	207.675
2101	247.437	151.322	207.611
2102	247.424	151.336	207.547
2103	247.411	151.351	207.484
2104	247.399	151.365	207.42
2105	247.386	151.379	207.356
2106	247.374	151.393	207.293
2107	247.361	151.407	207.23
2108	247.349	151.422	207.166
2109	247.336	151.436	207.103
2110	247.324	151.45	207.04
2111	247.311	151.464	206.977
2112	247.299	151.478	206.914
2113	247.286	151.492	206.851
2114	247.274	151.506	206.789
2115	247.261	151.52	206.726
2116	247.249	151.534	206.663
2117	247.236	151.548	206.601
2118	247.224	151.562	206.539
2119	247.211	151.576	206.476
2120	247.199	151.589	206.414
2121	247.186	151.603	206.352
2122	247.174	151.617	206.29
2123	247.161	151.631	206.228
2124	247.149	151.645	206.166
2125	247.136	151.659	206.104
2126	247.124	151.672	206.043
2127	247.111	151.686	205.981
2128	247.099	151.7	205.919
2129	247.086	151.713	205.858
2130	247.074	151.727	205.797
2131	247.061	151.741	205.735
2132	247.049	151.754	205.674
2133	247.037	151.768	205.613
2134	247.024	151.781	205.552
2135	247.012	151.795	205.491
2136	246.999	151.809	205.43
2137	246.987	151.822	205.37
2138	246.974	151.835	205.309
2139	246.962	151.849	205.248
2140	246.95	151.862	205.188
2141	246.937	151.876	205.127
2142	246.925	151.889	205.067
2143	246.912	151.903	205.007
2144	246.9	151.916	204.946
2145	246.888	151.929	204.886
2146	246.875	151.943	204.826
2147	246.863	151.956	204.766
2148	246.85	151.969	204.707
2149	246.838	151.982	204.647
2150	246.826	151.996	204.587
2151	246.813	152.009	204.528
2152	246.801	152.022	204.468
2153	246.788	152.035	204.409
2154	246.776	152.048	204.349

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2155	246.764	152.062	204.29
2156	246.813	152.074	204.484
2157	246.863	152.089	204.68
2158	246.907	152.101	204.859
2159	246.949	152.11	205.032
2160	246.993	152.119	205.208
2161	247.043	152.128	205.396
2162	247.101	152.136	205.596
2163	247.164	152.143	205.805
2164	247.229	152.147	206.029
2165	247.295	152.15	206.277
2166	247.351	152.149	206.481
2167	247.397	152.147	206.652
2168	247.433	152.141	206.796
2169	247.463	152.134	206.923
2170	247.489	152.126	207.034
2171	247.51	152.116	207.134
2172	247.527	152.105	207.223
2173	247.541	152.093	207.3
2174	247.553	152.079	207.365
2175	247.563	152.065	207.422
2176	247.575	152.049	207.479
2177	247.59	152.031	207.537
2178	247.604	152.012	207.596
2179	247.619	151.992	207.656
2180	247.633	151.97	207.719
2181	247.647	151.947	207.783
2182	247.661	151.922	207.848
2183	247.674	151.896	207.913
2184	247.666	151.87	207.892
2185	247.643	151.852	207.776
2186	247.619	151.834	207.66
2187	247.595	151.815	207.544
2188	247.571	151.797	207.427
2189	247.547	151.779	207.31
2190	247.523	151.761	207.195
2191	247.5	151.742	207.08
2192	247.476	151.724	206.966
2193	247.466	151.705	206.911
2194	247.534	151.687	207.187
2195	247.603	151.672	207.46
2196	247.672	151.659	207.726
2197	247.738	151.65	207.976
2198	247.799	151.643	208.202
2199	247.846	151.64	208.398
2200	247.889	151.639	208.579
2201	247.929	151.641	208.747
2202	247.966	151.645	208.892
2203	248.002	151.651	209.027
2204	248.04	151.661	209.158
2205	248.079	151.674	209.287
2206	248.116	151.689	209.414
2207	248.165	151.703	209.554
2208	248.216	151.716	209.7
2209	248.26	151.728	209.834
2210	248.295	151.741	209.952
2211	248.333	151.754	210.08

813

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2212	248.363	151.768	210.184
2213	248.37	151.785	210.187
2214	248.361	151.803	210.121
2215	248.354	151.816	210.058
2216	248.342	151.831	209.992
2217	248.329	151.846	209.926
2218	248.316	151.86	209.86
2219	248.304	151.875	209.795
2220	248.291	151.89	209.729
2221	248.279	151.904	209.664
2222	248.266	151.919	209.598
2223	248.253	151.933	209.533
2224	248.241	151.948	209.467
2225	248.228	151.962	209.402
2226	248.216	151.977	209.337
2227	248.203	151.991	209.272
2228	248.191	152.006	209.207
2229	248.178	152.02	209.142
2230	248.165	152.035	209.078
2231	248.153	152.049	209.013
2232	248.14	152.064	208.949
2233	248.191	152.076	209.136
2234	248.24	152.094	209.32
2235	248.287	152.11	209.497
2236	248.329	152.124	209.66
2237	248.371	152.136	209.821
2238	248.418	152.148	209.992
2239	248.471	152.16	210.174
2240	248.532	152.172	210.367
2241	248.595	152.181	210.567
2242	248.661	152.189	210.793
2243	248.722	152.194	211.006
2244	248.771	152.196	211.177
2245	248.811	152.195	211.322
2246	248.844	152.193	211.444
2247	248.871	152.189	211.55
2248	248.893	152.183	211.642
2249	248.91	152.176	211.722
2250	248.924	152.168	211.79
2251	248.935	152.158	211.844
2252	248.944	152.147	211.889
2253	248.956	152.135	211.934
2254	248.969	152.121	211.98
2255	248.983	152.106	212.027
2256	248.996	152.089	212.077
2257	249.009	152.07	212.128
2258	249.022	152.05	212.181
2259	249.035	152.029	212.235
2260	249.047	152.007	212.289
2261	249.058	151.984	212.343
2262	249.031	151.97	212.207
2263	249.005	151.955	212.072
2264	248.978	151.941	211.936
2265	248.951	151.926	211.802
2266	248.924	151.911	211.667
2267	248.898	151.896	211.533
2268	248.871	151.881	211.4

814

010123

010124

2269	248.844	151.866	211.267
2270	248.818	151.851	211.134
2271	248.791	151.836	211.001
2272	248.764	151.821	210.869
2273	248.738	151.806	210.737
2274	248.751	151.79	210.778
2275	248.819	151.776	211.045
2276	248.887	151.764	211.308
2277	248.954	151.756	211.561
2278	249.018	151.752	211.791
2279	249.069	151.75	211.99
2280	249.111	151.752	212.165
2281	249.152	151.756	212.328
2282	249.189	151.762	212.467
2283	249.224	151.771	212.593
2284	249.262	151.784	212.715
2285	249.301	151.799	212.835
2286	249.337	151.817	212.952
2287	249.387	151.834	213.083
2288	249.437	151.849	213.219
2289	249.48	151.864	213.343
2290	249.515	151.879	213.452
2291	249.552	151.895	213.571
2292	249.582	151.912	213.666
2293	249.588	151.931	213.657
2294	249.579	151.951	213.582
2295	249.572	151.965	213.512
2296	249.559	151.981	213.442
2297	249.547	151.996	213.372
2298	249.534	152.012	213.303
2299	249.521	152.027	213.233
2300	249.508	152.043	213.164
2301	249.496	152.058	213.095
2302	249.483	152.074	213.025
2303	249.47	152.089	212.956
2304	249.457	152.105	212.887
2305	249.445	152.12	212.819
2306	249.432	152.135	212.75
2307	249.419	152.151	212.681
2308	249.407	152.166	212.612
2309	249.394	152.181	212.544
2310	249.381	152.197	212.476
2311	249.369	152.212	212.407
2312	249.356	152.227	212.339
2313	249.406	152.242	212.52
2314	249.456	152.262	212.699
2315	249.502	152.28	212.868
2316	249.544	152.296	213.024
2317	249.586	152.31	213.177
2318	249.632	152.324	213.34
2319	249.686	152.339	213.515
2320	249.747	152.353	213.7
2321	249.81	152.364	213.892
2322	249.875	152.375	214.111
2323	249.935	152.382	214.314
2324	249.984	152.386	214.477
2325	250.023	152.388	214.612

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010125

2326	250.055	152.388	214.725
2327	250.081	152.386	214.822
2328	250.102	152.383	214.905
2329	250.119	152.378	214.975
2330	250.131	152.372	215.032
2331	250.141	152.365	215.076
2332	250.15	152.356	215.113
2333	250.162	152.345	215.15
2334	250.175	152.333	215.188
2335	250.187	152.319	215.229
2336	250.199	152.303	215.273
2337	250.211	152.286	215.317
2338	250.223	152.267	215.364
2339	250.234	152.247	215.411
2340	250.245	152.226	215.458
2341	250.142	152.193	215.274
2342	250.208	152.18	215.534
2343	250.275	152.17	215.79
2344	250.342	152.163	216.04
2345	250.406	152.161	216.268
2346	250.461	152.161	216.468
2347	250.504	152.165	216.636
2348	250.545	152.171	216.794
2349	250.582	152.18	216.931
2350	250.617	152.19	217.05
2351	250.653	152.204	217.16
2352	250.692	152.222	217.27
2353	250.729	152.241	217.377
2354	250.772	152.262	217.489
2355	250.823	152.28	217.613
2356	250.871	152.299	217.737
2357	250.907	152.316	217.837
2358	250.943	152.334	217.942
2359	250.976	152.353	218.038
2360	250.995	152.373	218.077
2361	250.986	152.396	217.993
2362	250.978	152.415	217.91
2363	250.965	152.431	217.836
2364	250.952	152.448	217.762
2365	250.939	152.465	217.688
2366	250.926	152.481	217.614
2367	250.913	152.498	217.54
2368	250.901	152.514	217.466
2369	250.888	152.53	217.393
2370	250.875	152.547	217.319
2371	250.862	152.563	217.246
2372	250.849	152.58	217.173
2373	250.836	152.596	217.099
2374	250.824	152.612	217.026
2375	250.811	152.629	216.953
2376	250.798	152.645	216.88
2377	250.785	152.661	216.808
2378	250.772	152.677	216.735
2379	250.759	152.694	216.662
2380	250.812	152.707	216.841
2381	250.861	152.727	217.014
2382	250.91	152.749	217.183

010126

2383	250.953	152.768	217.335
2384	250.995	152.786	217.48
2385	251.039	152.802	217.629
2386	251.089	152.819	217.789
2387	251.147	152.837	217.96
2388	251.209	152.852	218.139
2389	251.273	152.866	218.336
2390	251.338	152.877	218.55
2391	251.391	152.885	218.719
2392	251.434	152.89	218.857
2393	251.468	152.894	218.968
2394	251.497	152.896	219.064
2395	251.52	152.896	219.144
2396	251.539	152.895	219.214
2397	251.555	152.893	219.273
2398	251.563	152.889	219.3
2399	251.526	152.887	219.132
2400	251.489	152.885	218.965
2401	251.452	152.882	218.798
2402	251.415	152.88	218.632
2403	251.379	152.877	218.466
2404	251.342	152.874	218.3
2405	251.305	152.871	218.134
2406	251.268	152.868	217.968
2407	251.22	152.86	217.79
2408	251.182	152.856	217.624
2409	251.136	152.848	217.449
2410	251.082	152.837	217.265
2411	251.028	152.824	217.081
2412	250.978	152.814	216.903
2413	250.909	152.794	216.703
2414	250.841	152.775	216.503
2415	250.772	152.755	216.303
2416	250.703	152.735	216.105
2417	250.635	152.714	215.906
2418	250.571	152.697	215.715
2419	250.516	152.683	215.534
2420	250.469	152.673	215.363
2421	250.407	152.655	215.175
2422	250.349	152.64	214.992
2423	250.294	152.625	214.814
2424	250.243	152.613	214.641
2425	250.226	152.607	214.572
2426	250.269	152.609	214.741
2427	250.309	152.614	214.897
2428	250.345	152.621	215.029
2429	250.38	152.631	215.149
2430	250.418	152.644	215.266
2431	250.456	152.661	215.381
2432	250.494	152.68	215.495
2433	250.546	152.697	215.624
2434	250.597	152.713	215.756
2435	250.637	152.729	215.872
2436	250.673	152.744	215.98
2437	250.709	152.761	216.091
2438	250.737	152.779	216.179
2439	250.738	152.799	216.143

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010127

2440	250.729	152.819	216.065
2441	250.723	152.832	215.992
2442	250.71	152.848	215.92
2443	250.697	152.864	215.849
2444	250.684	152.88	215.778
2445	250.672	152.896	215.706
2446	250.659	152.912	215.635
2447	250.646	152.928	215.564
2448	250.633	152.944	215.493
2449	250.621	152.959	215.422
2450	250.608	152.975	215.351
2451	250.595	152.991	215.281
2452	250.582	153.007	215.21
2453	250.57	153.022	215.14
2454	250.557	153.038	215.069
2455	250.544	153.054	214.999
2456	250.531	153.069	214.929
2457	250.519	153.085	214.859
2458	250.506	153.1	214.789
2459	250.556	153.116	214.968
2460	250.606	153.137	215.143
2461	250.651	153.156	215.307
2462	250.693	153.172	215.46
2463	250.735	153.187	215.611
2464	250.783	153.202	215.772
2465	250.838	153.217	215.946
2466	250.899	153.231	216.129
2467	250.963	153.243	216.322
2468	251.029	153.253	216.543
2469	251.087	153.26	216.735
2470	251.134	153.264	216.889
2471	251.171	153.266	217.015
2472	251.201	153.266	217.121
2473	251.226	153.264	217.211
2474	251.246	153.261	217.288
2475	251.262	153.256	217.352
2476	251.234	153.251	217.23
2477	251.203	153.254	217.088
2478	251.173	153.257	216.946
2479	251.142	153.259	216.804
2480	251.112	153.262	216.664
2481	251.081	153.264	216.523
2482	251.051	153.266	216.383
2483	251.02	153.268	216.244
2484	250.99	153.27	216.105
2485	250.959	153.272	215.966
2486	250.929	153.274	215.828
2487	250.898	153.275	215.69
2488	250.868	153.277	215.553
2489	250.838	153.278	215.416
2490	250.807	153.279	215.28
2491	250.779	153.281	215.147
2492	250.751	153.284	215.015
2493	250.723	153.286	214.884
2494	250.695	153.288	214.752
2495	250.663	153.287	214.616
2496	250.66	153.279	214.606

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010128

2497	250.668	153.269	214.649
2498	250.678	153.257	214.69
2499	250.691	153.244	214.731
2500	250.704	153.23	214.773
2501	250.717	153.214	214.817
2502	250.73	153.197	214.863
2503	250.742	153.179	214.91
2504	250.755	153.159	214.959
2505	250.767	153.139	215.008
2506	250.778	153.117	215.059
2507	250.79	153.095	215.109
2508	250.801	153.072	215.16
2509	250.765	153.05	215.005
2510	250.729	153.028	214.851
2511	250.692	153.006	214.697
2512	250.759	152.992	214.961
2513	250.826	152.98	215.219
2514	250.893	152.973	215.47
2515	250.957	152.969	215.695
2516	250.998	152.968	215.845
2517	250.968	152.97	215.705
2518	250.929	152.963	215.543
2519	250.891	152.956	215.383
2520	250.853	152.949	215.224
2521	250.816	152.942	215.066
2522	250.779	152.935	214.913
2523	250.742	152.927	214.761
2524	250.706	152.92	214.61
2525	250.67	152.912	214.46
2526	250.633	152.904	214.308
2527	250.597	152.896	214.157
2528	250.56	152.888	214.007
2529	250.523	152.88	213.857
2530	250.487	152.872	213.707
2531	250.45	152.863	213.558
2532	250.414	152.855	213.409
2533	250.377	152.846	213.261
2534	250.341	152.838	213.113
2535	250.305	152.829	212.966
2536	250.268	152.82	212.819
2537	250.232	152.811	212.672
2538	250.195	152.802	212.526
2539	250.159	152.793	212.38
2540	250.123	152.784	212.235
2541	250.086	152.774	212.09
2542	250.05	152.765	211.944
2543	250.043	152.764	211.914
2544	250.085	152.766	212.085
2545	250.123	152.77	212.234
2546	250.159	152.776	212.367
2547	250.196	152.786	212.492
2548	250.236	152.799	212.617
2549	250.271	152.816	212.738
2550	250.319	152.831	212.871
2551	250.37	152.845	213.01
2552	250.415	152.859	213.141
2553	250.45	152.872	213.253

819

2554	250.487	152.886	213.375
2555	250.518	152.902	213.477
2556	250.527	152.919	213.489
2557	250.518	152.939	213.417
2558	250.511	152.953	213.349
2559	250.498	152.968	213.28
2560	250.486	152.984	213.212
2561	250.473	152.999	213.144
2562	250.46	153.014	213.076
2563	250.447	153.029	213.007
2564	250.435	153.044	212.94
2565	250.422	153.059	212.872
2566	250.409	153.075	212.804
2567	250.397	153.09	212.736
2568	250.384	153.105	212.669
2569	250.371	153.12	212.601
2570	250.358	153.135	212.534
2571	250.346	153.15	212.466
2572	250.333	153.165	212.399
2573	250.32	153.18	212.332
2574	250.308	153.194	212.265
2575	250.295	153.209	212.198
2576	250.346	153.222	212.384
2577	250.396	153.24	212.565
2578	250.443	153.258	212.74
2579	250.485	153.273	212.9
2580	250.527	153.287	213.057
2581	250.573	153.299	213.222
2582	250.626	153.312	213.398
2583	250.686	153.325	213.586
2584	250.749	153.336	213.781
2585	250.814	153.345	213.999
2586	250.876	153.351	214.212
2587	250.926	153.354	214.382
2588	250.967	153.354	214.525
2589	250.999	153.353	214.644
2590	251.027	153.35	214.747
2591	251.049	153.345	214.836
2592	251.067	153.339	214.913
2593	251.081	153.332	214.979
2594	251.093	153.323	215.033
2595	251.101	153.314	215.074
2596	251.11	153.303	215.115
2597	251.122	153.29	215.155
2598	251.135	153.276	215.196
2599	251.148	153.261	215.239
2600	251.161	153.245	215.284
2601	251.173	153.227	215.33
2602	251.185	153.208	215.378
2603	251.196	153.187	215.426
2604	251.208	153.166	215.476
2605	251.219	153.144	215.525
2606	251.229	153.121	215.575
2607	251.118	153.083	215.389
2608	251.008	153.046	215.203
2609	250.91	153.011	215.024
2610	250.813	152.976	214.844

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010129

2611	250.716	152.941	214.665
2612	250.61	152.904	214.483
2613	250.502	152.866	214.301
2614	250.393	152.828	214.118
2615	250.288	152.791	213.937
2616	250.206	152.759	213.767
2617	250.147	152.731	213.606
2618	250.11	152.709	213.454
2619	250.074	152.686	213.304
2620	250.039	152.664	213.155
2621	250.003	152.641	213.006
2622	249.968	152.619	212.858
2623	249.933	152.596	212.712
2624	249.898	152.573	212.565
2625	249.863	152.551	212.42
2626	249.93	152.535	212.687
2627	249.997	152.523	212.949
2628	250.065	152.514	213.205
2629	250.129	152.509	213.435
2630	250.18	152.507	213.633
2631	250.222	152.509	213.806
2632	250.263	152.513	213.966
2633	250.299	152.52	214.102
2634	250.334	152.529	214.225
2635	250.372	152.542	214.345
2636	250.411	152.557	214.463
2637	250.448	152.576	214.578
2638	250.498	152.592	214.708
2639	250.549	152.608	214.842
2640	250.59	152.623	214.962
2641	250.626	152.639	215.071
2642	250.662	152.655	215.186
2643	250.692	152.672	215.278
2644	250.695	152.691	215.256
2645	250.686	152.711	215.179
2646	250.679	152.725	215.108
2647	250.666	152.741	215.037
2648	250.654	152.757	214.967
2649	250.641	152.772	214.896
2650	250.628	152.788	214.826
2651	250.615	152.804	214.755
2652	250.603	152.819	214.685
2653	250.59	152.835	214.615
2654	250.577	152.851	214.545
2655	250.564	152.866	214.475
2656	250.551	152.882	214.405
2657	250.539	152.897	214.336
2658	250.526	152.913	214.266
2659	250.513	152.928	214.196
2660	250.5	152.944	214.127
2661	250.488	152.959	214.058
2662	250.475	152.975	213.988
2663	250.462	152.99	213.919
2664	250.513	153.005	214.1
2665	250.562	153.026	214.277
2666	250.608	153.044	214.444
2667	250.65	153.06	214.599

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010130

2668	250.692	153.075	214.75
2669	250.739	153.089	214.913
2670	250.794	153.104	215.087
2671	250.854	153.118	215.271
2672	250.917	153.129	215.463
2673	250.983	153.14	215.681
2674	251.042	153.147	215.88
2675	251.09	153.151	216.038
2676	251.128	153.153	216.17
2677	251.159	153.153	216.281
2678	251.185	153.151	216.375
2679	251.207	153.147	216.457
2680	251.224	153.143	216.527
2681	251.237	153.137	216.586
2682	251.248	153.13	216.633
2683	251.256	153.122	216.669
2684	251.265	153.113	216.704
2685	251.276	153.102	216.74
2686	251.289	153.09	216.775
2687	251.302	153.077	216.813
2688	251.314	153.062	216.853
2689	251.326	153.046	216.894
2690	251.338	153.029	216.936
2691	251.349	153.011	216.98
2692	251.36	152.992	217.024
2693	251.371	152.972	217.069
2694	251.381	152.95	217.114
2695	251.352	152.938	216.967
2696	251.324	152.925	216.819
2697	251.295	152.913	216.672
2698	251.267	152.9	216.525
2699	251.217	152.881	216.367
2700	251.132	152.853	216.192
2701	251.034	152.819	216.008
2702	250.996	152.798	215.85
2703	250.959	152.778	215.694
2704	250.923	152.757	215.54
2705	250.888	152.737	215.387
2706	250.852	152.716	215.234
2707	250.816	152.695	215.082
2708	250.78	152.675	214.93
2709	250.745	152.654	214.779
2710	250.709	152.633	214.628
2711	250.673	152.612	214.477
2712	250.638	152.591	214.327
2713	250.602	152.57	214.177
2714	250.566	152.549	214.027
2715	250.531	152.527	213.878
2716	250.495	152.506	213.729
2717	250.46	152.485	213.581
2718	250.424	152.463	213.433
2719	250.388	152.442	213.285
2720	250.353	152.42	213.138
2721	250.317	152.399	212.991
2722	250.282	152.377	212.844
2723	250.246	152.356	212.698
2724	250.211	152.334	212.552

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2725	250.175	152.312	212.407
2726	250.14	152.29	212.261
2727	250.105	152.268	212.117
2728	250.069	152.246	211.972
2729	250.034	152.224	211.828
2730	249.998	152.202	211.685
2731	249.963	152.18	211.542
2732	249.928	152.158	211.399
2733	249.892	152.136	211.256
2734	249.857	152.113	211.114
2735	249.822	152.091	210.972
2736	249.787	152.068	210.83
2737	249.751	152.046	210.689
2738	249.716	152.024	210.548
2739	249.681	152.001	210.408
2740	249.646	151.978	210.268
2741	249.61	151.956	210.128
2742	249.575	151.933	209.989
2743	249.54	151.91	209.851
2744	249.506	151.887	209.715
2745	249.471	151.864	209.579
2746	249.437	151.841	209.444
2747	249.402	151.818	209.31
2748	249.368	151.795	209.177
2749	249.334	151.772	209.044
2750	249.3	151.749	208.911
2751	249.266	151.726	208.779
2752	249.232	151.703	208.647
2753	249.197	151.679	208.515
2754	249.163	151.656	208.383
2755	249.123	151.64	208.256
2756	249.297	151.627	208.924
2757	249.364	151.618	209.183
2758	249.427	151.613	209.417
2759	249.476	151.611	209.616
2760	249.518	151.612	209.795
2761	249.557	151.615	209.959
2762	249.593	151.621	210.1
2763	249.628	151.63	210.229
2764	249.666	151.642	210.357
2765	249.704	151.657	210.482
2766	249.743	151.674	210.608
2767	249.795	151.689	210.748
2768	249.844	151.703	210.891
2769	249.884	151.716	211.015
2770	249.92	151.73	211.133
2771	249.955	151.745	211.251
2772	249.983	151.761	211.345
2773	249.981	151.779	211.31
2774	249.972	151.797	211.241
2775	249.966	151.809	211.177
2776	249.953	151.824	211.11
2777	249.941	151.839	211.043
2778	249.928	151.854	210.976
2779	249.915	151.869	210.909
2780	249.902	151.884	210.842
2781	249.889	151.899	210.775

873

2782	249.877	151.914	210.708
2783	249.864	151.929	210.642
2784	249.851	151.944	210.575
2785	249.838	151.959	210.509
2786	249.825	151.974	210.443
2787	249.813	151.989	210.376
2788	249.8	152.004	210.31
2789	249.787	152.019	210.244
2790	249.774	152.034	210.178
2791	249.761	152.048	210.112
2792	249.749	152.063	210.046
2793	249.739	152.078	210.231
2794	249.848	152.097	210.414
2795	249.893	152.113	210.584
2796	249.935	152.128	210.744
2797	249.977	152.141	210.904
2798	250.025	152.154	211.075
2799	250.081	152.167	211.257
2800	250.142	152.179	211.45
2801	250.205	152.189	211.653
2802	250.271	152.198	211.885
2803	250.328	152.203	212.083
2804	250.374	152.206	212.244
2805	250.411	152.206	212.379
2806	250.441	152.205	212.495
2807	250.467	152.202	212.595
2808	250.487	152.198	212.683
2809	250.504	152.192	212.761
2810	250.518	152.186	212.829
2811	250.481	152.181	212.68
2812	250.445	152.175	212.531
2813	250.408	152.169	212.383
2814	250.371	152.163	212.235
2815	250.335	152.157	212.088
2816	250.299	152.151	211.942
2817	250.263	152.145	211.796
2818	250.226	152.139	211.651
2819	250.19	152.133	211.505
2820	250.154	152.126	211.36
2821	250.117	152.12	211.216
2822	250.081	152.113	211.071
2823	250.045	152.106	210.928
2824	250.008	152.099	210.784
2825	249.972	152.092	210.64
2826	249.935	152.085	210.497
2827	249.899	152.078	210.354
2828	249.862	152.071	210.212
2829	249.874	152.061	210.275
2830	249.882	152.051	210.327
2831	249.891	152.039	210.376
2832	249.902	152.027	210.425
2833	249.915	152.013	210.474
2834	249.928	151.997	210.525
2835	249.941	151.981	210.577
2836	249.953	151.964	210.631
2837	249.965	151.945	210.686
2838	249.977	151.925	210.742

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2839	249.988	151.905	210.799
2840	249.999	151.884	210.856
2841	250.01	151.862	210.913
2842	250.021	151.84	210.971
2843	250.031	151.818	211.028
2844	250.042	151.795	211.085
2845	250.038	151.772	211.083
2846	250.01	151.751	210.974
2847	249.979	151.729	210.854
2848	249.946	151.708	210.725
2849	249.911	151.686	210.589
2850	249.876	151.665	210.448
2851	249.84	151.644	210.305
2852	249.803	151.622	210.162
2853	249.767	151.601	210.019
2854	249.731	151.579	209.877
2855	249.695	151.557	209.736
2856	249.659	151.536	209.595
2857	249.623	151.514	209.454
2858	249.586	151.492	209.314
2859	249.55	151.47	209.174
2860	249.514	151.448	209.034
2861	249.478	151.426	208.894
2862	249.442	151.404	208.755
2863	249.406	151.382	208.614
2864	249.299	151.345	208.446
2865	249.249	151.324	208.307
2866	249.221	151.309	208.181
2867	249.194	151.294	208.058
2868	249.167	151.279	207.937
2869	249.141	151.264	207.819
2870	249.115	151.249	207.701
2871	249.088	151.234	207.581
2872	249.155	151.218	207.854
2873	249.221	151.206	208.124
2874	249.288	151.196	208.387
2875	249.353	151.19	208.63
2876	249.408	151.187	208.846
2877	249.45	151.187	209.03
2878	249.491	151.19	209.203
2879	249.528	151.195	209.355
2880	249.563	151.203	209.49
2881	249.599	151.214	209.619
2882	249.639	151.228	209.746
2883	249.674	151.244	209.871
2884	249.721	151.26	210.005
2885	249.771	151.275	210.147
2886	249.817	151.289	210.283
2887	249.851	151.302	210.397
2888	249.887	151.317	210.52
2889	249.919	151.332	210.626
2890	249.931	151.349	210.652
2891	249.922	151.369	210.583
2892	249.914	151.384	210.517
2893	249.901	151.399	210.45
2894	249.888	151.414	210.383
2895	249.875	151.429	210.316

825

2896	249.863	151.444	210.25
2897	249.85	151.459	210.183
2898	249.837	151.474	210.116
2899	249.824	151.489	210.05
2900	249.811	151.504	209.984
2901	249.798	151.519	209.917
2902	249.786	151.534	209.851
2903	249.773	151.549	209.785
2904	249.76	151.564	209.719
2905	249.747	151.579	209.653
2906	249.734	151.594	209.587
2907	249.721	151.609	209.522
2908	249.709	151.624	209.456
2909	249.696	151.638	209.391
2910	249.747	151.651	209.578
2911	249.796	151.668	209.761
2912	249.844	151.686	209.938
2913	249.886	151.701	210.1
2914	249.927	151.715	210.259
2915	249.972	151.728	210.425
2916	250.024	151.742	210.602
2917	250.084	151.755	210.791
2918	250.146	151.766	210.987
2919	250.211	151.776	211.205
2920	250.273	151.783	211.426
2921	250.325	151.788	211.606
2922	250.368	151.79	211.758
2923	250.402	151.791	211.888
2924	250.432	151.79	212.002
2925	250.457	151.788	212.103
2926	250.436	151.785	212.012
2927	250.405	151.784	211.881
2928	250.376	151.781	211.754
2929	250.347	151.779	211.629
2930	250.318	151.777	211.508
2931	250.29	151.775	211.388
2932	250.262	151.772	211.268
2933	250.234	151.769	211.148
2934	250.205	151.767	211.028
2935	250.177	151.764	210.909
2936	250.149	151.761	210.791
2937	250.121	151.758	210.672
2938	250.092	151.755	210.554
2939	250.064	151.752	210.437
2940	250.036	151.749	210.319
2941	250.008	151.745	210.203
2942	249.98	151.742	210.086
2943	249.952	151.739	209.97
2944	249.924	151.735	209.854
2945	249.896	151.731	209.739
2946	249.868	151.728	209.624
2947	249.839	151.724	209.505
2948	249.809	151.72	209.386
2949	249.78	151.716	209.267
2950	249.751	151.712	209.147
2951	249.721	151.708	209.027
2952	249.742	151.702	209.124

2953	249.76	151.695	209.212
2954	249.775	151.688	209.292
2955	249.787	151.679	209.363
2956	249.798	151.67	209.426
2957	249.807	151.66	209.48
2958	249.815	151.649	209.53
2959	249.824	151.638	209.58
2960	249.835	151.626	209.63
2961	249.847	151.612	209.68
2962	249.86	151.598	209.731
2963	249.872	151.583	209.783
2964	249.885	151.567	209.835
2965	249.897	151.551	209.889
2966	249.908	151.534	209.944
2967	249.92	151.516	210
2968	249.931	151.498	210.056
2969	249.943	151.479	210.112
2970	249.954	151.459	210.169
2971	249.964	151.439	210.227
2972	249.975	151.418	210.284
2973	249.985	151.397	210.342
2974	249.996	151.376	210.399
2975	250.005	151.354	210.457
2976	250.015	151.332	210.514
2977	249.987	151.311	210.409
2978	249.959	151.29	210.304
2979	249.931	151.27	210.199
2980	249.903	151.249	210.095
2981	249.876	151.228	209.993
2982	249.849	151.207	209.893
2983	249.822	151.186	209.795
2984	249.796	151.165	209.698
2985	249.77	151.144	209.604
2986	249.745	151.123	209.51
2987	249.719	151.102	209.417
2988	249.694	151.081	209.325
2989	249.669	151.059	209.234
2990	249.644	151.038	209.144
2991	249.618	151.017	209.053
2992	249.593	150.996	208.961
2993	249.567	150.975	208.87
2994	249.542	150.953	208.778
2995	249.516	150.932	208.688
2996	249.491	150.911	208.597
2997	249.466	150.89	208.507
2998	249.44	150.868	208.417
2999	249.415	150.847	208.327
3000	249.39	150.826	208.237
3001	249.364	150.804	208.147
3002	249.339	150.783	208.057
3003	249.313	150.762	207.968
3004	249.288	150.74	207.879
3005	249.263	150.719	207.79
3006	249.237	150.697	207.701
3007	249.212	150.676	207.613
3008	249.187	150.655	207.524
3009	249.161	150.633	207.436

3010	249.135	150.612	207.345
3011	249.107	150.59	207.243
3012	249.076	150.569	207.133
3013	249.044	150.548	207.016
3014	249.025	150.534	206.93
3015	249.09	150.521	207.202
3016	249.111	150.511	207.274
3017	249.076	150.495	207.134
3018	249.041	150.479	206.995
3019	249.007	150.463	206.856
3020	248.972	150.447	206.718
3021	248.938	150.431	206.583
3022	248.903	150.414	206.447
3023	248.869	150.398	206.313
3024	248.835	150.381	206.178
3025	248.801	150.365	206.042
3026	248.766	150.348	205.906
3027	248.731	150.332	205.769
3028	248.696	150.315	205.632
3029	248.661	150.298	205.494
3030	248.626	150.281	205.357
3031	248.605	150.272	205.252
3032	248.67	150.265	205.508
3033	248.73	150.261	205.739
3034	248.774	150.26	205.935
3035	248.815	150.262	206.116
3036	248.853	150.266	206.281
3037	248.888	150.272	206.425
3038	248.923	150.282	206.558
3039	248.961	150.294	206.691
3040	248.998	150.309	206.822
3041	249.039	150.325	206.956
3042	249.091	150.339	207.103
3043	249.14	150.353	207.252
3044	249.177	150.366	207.377
3045	249.213	150.38	207.502
3046	249.246	150.394	207.621
3047	249.268	150.409	207.696
3048	249.261	150.427	207.642
3049	249.253	150.443	207.579
3050	249.248	150.453	207.521
3051	249.235	150.468	207.457
3052	249.222	150.483	207.392
3053	249.209	150.498	207.328
3054	249.196	150.512	207.263
3055	249.183	150.527	207.199
3056	249.17	150.542	207.135
3057	249.157	150.556	207.071
3058	249.145	150.571	207.007
3059	249.132	150.585	206.943
3060	249.119	150.6	206.879
3061	249.106	150.615	206.815
3062	249.093	150.629	206.751
3063	249.08	150.644	206.688
3064	249.067	150.658	206.624
3065	249.055	150.673	206.561
3066	249.042	150.687	206.497

3067	249.029	150.702	206.434
3068	249.079	150.716	206.621
3069	249.128	150.734	206.809
3070	249.171	150.749	206.98
3071	249.213	150.763	207.144
3072	249.256	150.775	207.31
3073	249.305	150.788	207.488
3074	249.362	150.801	207.678
3075	249.423	150.812	207.877
3076	249.487	150.821	208.09
3077	249.552	150.829	208.329
3078	249.606	150.833	208.523
3079	249.65	150.836	208.685
3080	249.685	150.836	208.82
3081	249.713	150.834	208.938
3082	249.737	150.831	209.04
3083	249.756	150.827	209.132
3084	249.772	150.822	209.213
3085	249.785	150.816	209.284
3086	249.794	150.808	209.343
3087	249.802	150.8	209.392
3088	249.81	150.791	209.44
3089	249.82	150.781	209.488
3090	249.832	150.77	209.536
3091	249.844	150.757	209.585
3092	249.81	150.746	209.439
3093	249.776	150.734	209.294
3094	249.743	150.722	209.149
3095	249.709	150.711	209.003
3096	249.675	150.699	208.858
3097	249.641	150.687	208.712
3098	249.653	150.673	208.765
3099	249.664	150.658	208.819
3100	249.675	150.642	208.875
3101	249.686	150.625	208.931
3102	249.696	150.607	208.988
3103	249.706	150.588	209.046
3104	249.716	150.569	209.104
3105	249.726	150.549	209.162
3106	249.791	150.538	209.429
3107	249.857	150.53	209.689
3108	249.921	150.526	209.933
3109	249.942	150.526	209.997
3110	249.905	150.52	209.846
3111	249.868	150.512	209.698
3112	249.832	150.505	209.552
3113	249.796	150.498	209.408
3114	249.761	150.49	209.265
3115	249.726	150.483	209.125
3116	249.692	150.475	208.989
3117	249.658	150.467	208.854
3118	249.624	150.459	208.72
3119	249.59	150.451	208.585
3120	249.556	150.443	208.45
3121	249.522	150.435	208.315
3122	249.487	150.427	208.177
3123	249.451	150.419	208.036

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3124	249.415	150.41	207.892
3125	249.378	150.402	207.747
3126	249.314	150.383	207.579
3127	249.243	150.362	207.409
3128	249.183	150.346	207.251
3129	249.136	150.336	207.105
3130	249.077	150.321	206.949
3131	249.001	150.297	206.775
3132	248.932	150.274	206.606
3133	248.891	150.264	206.46
3134	248.853	150.254	206.317
3135	248.895	150.254	206.506
3136	248.936	150.257	206.685
3137	248.973	150.262	206.843
3138	249.008	150.269	206.984
3139	249.043	150.279	207.115
3140	249.082	150.293	207.247
3141	249.118	150.309	207.376
3142	249.162	150.325	207.511
3143	249.213	150.339	207.657
3144	249.26	150.353	207.8
3145	249.295	150.366	207.919
3146	249.331	150.38	208.044
3147	249.363	150.395	208.157
3148	249.38	150.411	208.206
3149	249.37	150.43	208.141
3150	249.362	150.445	208.078
3151	249.349	150.46	208.013
3152	249.337	150.475	207.948
3153	249.324	150.49	207.882
3154	249.311	150.505	207.817
3155	249.298	150.519	207.752
3156	249.285	150.534	207.688
3157	249.272	150.549	207.623
3158	249.259	150.564	207.558
3159	249.246	150.578	207.494
3160	249.233	150.593	207.429
3161	249.221	150.608	207.365
3162	249.208	150.623	207.3
3163	249.195	150.637	207.236
3164	249.182	150.652	207.172
3165	249.169	150.667	207.108
3166	249.156	150.681	207.044
3167	249.143	150.696	206.98
3168	249.195	150.706	207.17
3169	249.244	150.723	207.356
3170	249.292	150.74	207.538
3171	249.335	150.756	207.705
3172	249.376	150.769	207.866
3173	249.421	150.782	208.033
3174	249.471	150.795	208.212
3175	249.529	150.809	208.402
3176	249.591	150.82	208.6
3177	249.655	150.83	208.817
3178	249.718	150.837	209.046
3179	249.77	150.842	209.23
3180	249.812	150.844	209.385

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010139

010140

3181	249.845	150.844	209.513
3182	249.873	150.843	209.626
3183	249.895	150.84	209.723
3184	249.913	150.836	209.809
3185	249.927	150.831	209.885
3186	249.938	150.825	209.948
3187	249.946	150.818	210
3188	249.954	150.809	210.046
3189	249.963	150.8	210.092
3190	249.975	150.789	210.138
3191	249.986	150.777	210.185
3192	249.998	150.764	210.235
3193	250.009	150.749	210.286
3194	250.02	150.734	210.338
3195	250.085	150.728	210.594
3196	250.148	150.726	210.827
3197	250.199	150.727	211.029
3198	250.24	150.73	211.203
3199	250.28	150.737	211.365
3200	250.261	150.745	211.276
3201	250.227	150.745	211.131
3202	250.193	150.745	210.986
3203	250.159	150.745	210.842
3204	250.125	150.745	210.698
3205	250.091	150.744	210.555
3206	250.057	150.744	210.415
3207	250.024	150.743	210.275
3208	249.991	150.742	210.137
3209	249.958	150.741	209.999
3210	249.925	150.74	209.863
3211	249.892	150.739	209.725
3212	249.859	150.738	209.587
3213	249.826	150.736	209.45
3214	249.792	150.735	209.314
3215	249.759	150.733	209.177
3216	249.726	150.732	209.042
3217	249.693	150.73	208.905
3218	249.659	150.728	208.767
3219	249.624	150.725	208.627
3220	249.567	150.711	208.454
3221	249.504	150.693	208.274
3222	249.459	150.686	208.127
3223	249.431	150.691	208.013
3224	249.406	150.696	207.905
3225	249.381	150.702	207.798
3226	249.356	150.708	207.692
3227	249.332	150.714	207.588
3228	249.307	150.719	207.482
3229	249.283	150.725	207.377
3230	249.258	150.73	207.271
3231	249.233	150.735	207.166
3232	249.208	150.74	207.062
3233	249.184	150.745	206.958
3234	249.159	150.75	206.854
3235	249.135	150.755	206.751
3236	249.11	150.76	206.648
3237	249.085	150.764	206.546

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010141

3238	249.061	150.769	206.444
3239	249.036	150.773	206.342
3240	249.012	150.778	206.24
3241	248.987	150.782	206.139
3242	248.963	150.786	206.038
3243	248.938	150.79	205.937
3244	248.911	150.793	205.83
3245	248.872	150.788	205.703
3246	248.822	150.775	205.554
3247	248.76	150.755	205.384
3248	248.778	150.759	205.463
3249	248.813	150.766	205.604
3250	248.85	150.775	205.742
3251	248.889	150.788	205.878
3252	248.925	150.803	206.012
3253	248.975	150.816	206.161
3254	249.026	150.828	206.313
3255	249.067	150.84	206.45
3256	249.102	150.852	206.576
3257	249.139	150.864	206.707
3258	249.168	150.878	206.815
3259	249.171	150.894	206.811
3260	249.163	150.911	206.751
3261	249.156	150.922	206.694
3262	249.143	150.936	206.631
3263	249.13	150.951	206.568
3264	249.117	150.965	206.505
3265	249.105	150.979	206.442
3266	249.092	150.993	206.379
3267	249.079	151.008	206.316
3268	249.066	151.022	206.253
3269	249.053	151.036	206.191
3270	249.041	151.05	206.128
3271	249.028	151.065	206.066
3272	249.015	151.079	206.004
3273	249.002	151.093	205.941
3274	248.989	151.107	205.879
3275	248.977	151.121	205.817
3276	248.964	151.135	205.755
3277	248.951	151.149	205.693
3278	248.938	151.163	205.631
3279	248.988	151.175	205.823
3280	249.038	151.193	206.011
3281	249.083	151.208	206.191
3282	249.125	151.221	206.359
3283	249.167	151.232	206.525
3284	249.214	151.243	206.702
3285	249.268	151.255	206.891
3286	249.328	151.266	207.09
3287	249.391	151.274	207.297
3288	249.456	151.282	207.531
3289	249.515	151.286	207.744
3290	249.563	151.288	207.919
3291	249.601	151.287	208.067
3292	249.632	151.284	208.193
3293	249.657	151.28	208.304
3294	249.678	151.275	208.401

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010142

3295	249.695	151.269	208.488
3296	249.708	151.261	208.564
3297	249.718	151.252	208.627
3298	249.726	151.242	208.68
3299	249.735	151.232	208.731
3300	249.745	151.219	208.782
3301	249.758	151.206	208.833
3302	249.77	151.192	208.886
3303	249.782	151.176	208.94
3304	249.793	151.16	208.996
3305	249.805	151.142	209.053
3306	249.816	151.124	209.111
3307	249.827	151.104	209.169
3308	249.837	151.084	209.229
3309	249.847	151.063	209.288
3310	249.857	151.042	209.347
3311	249.84	151.021	209.291
3312	249.803	151	209.152
3313	249.767	150.98	209.014
3314	249.731	150.96	208.876
3315	249.695	150.939	208.739
3316	249.659	150.919	208.602
3317	249.622	150.898	208.465
3318	249.586	150.877	208.328
3319	249.55	150.857	208.192
3320	249.514	150.836	208.057
3321	249.478	150.815	207.921
3322	249.442	150.794	207.786
3323	249.406	150.773	207.651
3324	249.37	150.752	207.517
3325	249.334	150.731	207.383
3326	249.298	150.71	207.249
3327	249.262	150.689	207.115
3328	249.226	150.668	206.982
3329	249.19	150.646	206.85
3330	249.22	150.632	206.973
3331	249.286	150.62	207.244
3332	249.352	150.611	207.508
3333	249.416	150.606	207.753
3334	249.47	150.604	207.967
3335	249.512	150.605	208.151
3336	249.552	150.609	208.324
3337	249.589	150.615	208.475
3338	249.623	150.624	208.61
3339	249.659	150.635	208.739
3340	249.698	150.65	208.866
3341	249.733	150.667	208.991
3342	249.78	150.683	209.127
3343	249.83	150.699	209.27
3344	249.874	150.713	209.404
3345	249.909	150.727	209.519
3346	249.945	150.742	209.644
3347	249.976	150.757	209.749
3348	249.986	150.775	209.767
3349	249.977	150.794	209.699
3350	249.969	150.809	209.634
3351	249.956	150.824	209.567

833

3352	249.943	150.839	209.5
3353	249.93	150.854	209.434
3354	249.918	150.869	209.368
3355	249.905	150.884	209.301
3356	249.892	150.9	209.235
3357	249.879	150.915	209.169
3358	249.866	150.93	209.103
3359	249.853	150.945	209.037
3360	249.84	150.96	208.971
3361	249.827	150.975	208.905
3362	249.814	150.99	208.84
3363	249.801	151.005	208.774
3364	249.788	151.019	208.709
3365	249.775	151.034	208.643
3366	249.763	151.049	208.578
3367	249.75	151.064	208.513
3368	249.8	151.076	208.7
3369	249.85	151.095	208.883
3370	249.897	151.112	209.06
3371	249.939	151.127	209.222
3372	249.98	151.141	209.381
3373	250.025	151.155	209.547
3374	250.077	151.169	209.726
3375	250.137	151.183	209.916
3376	250.199	151.194	210.113
3377	250.263	151.204	210.333
3378	250.324	151.211	210.549
3379	250.374	151.216	210.722
3380	250.414	151.218	210.868
3381	250.446	151.219	210.991
3382	250.472	151.218	211.097
3383	250.493	151.215	211.189
3384	250.51	151.211	211.27
3385	250.523	151.206	211.341
3386	250.534	151.2	211.399
3387	250.541	151.193	211.446
3388	250.549	151.185	211.489
3389	250.559	151.176	211.532
3390	250.57	151.165	211.576
3391	250.582	151.154	211.621
3392	250.593	151.141	211.667
3393	250.604	151.127	211.715
3394	250.614	151.112	211.765
3395	250.625	151.096	211.815
3396	250.635	151.079	211.866
3397	250.644	151.062	211.918
3398	250.654	151.043	211.97
3399	250.663	151.024	212.023
3400	250.671	151.005	212.072
3401	250.633	150.987	211.926
3402	250.596	150.969	211.779
3403	250.559	150.951	211.633
3404	250.522	150.933	211.487
3405	250.485	150.915	211.342
3406	250.448	150.897	211.197
3407	250.411	150.879	211.053
3408	250.374	150.86	210.909

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010143

3409	250.337	150.842	210.765
3410	250.3	150.823	210.621
3411	250.263	150.805	210.479
3412	250.226	150.786	210.338
3413	250.191	150.768	210.201
3414	250.156	150.749	210.068
3415	250.182	150.737	210.174
3416	250.248	150.727	210.439
3417	250.313	150.721	210.695
3418	250.376	150.719	210.928
3419	250.425	150.721	211.126
3420	250.466	150.725	211.299
3421	250.504	150.732	211.454
3422	250.48	150.741	211.343
3423	250.446	150.741	211.198
3424	250.412	150.741	211.053
3425	250.377	150.741	210.907
3426	250.337	150.738	210.753
3427	250.297	150.734	210.599
3428	250.263	150.734	210.457
3429	250.229	150.733	210.315
3430	250.195	150.733	210.174
3431	250.161	150.732	210.034
3432	250.128	150.731	209.894
3433	250.094	150.73	209.754
3434	250.06	150.729	209.614
3435	250.026	150.728	209.475
3436	249.992	150.727	209.336
3437	249.958	150.725	209.197
3438	249.924	150.724	209.059
3439	249.905	150.731	208.974
3440	249.94	150.739	209.111
3441	249.975	150.75	209.238
3442	250.014	150.764	209.365
3443	250.05	150.781	209.489
3444	250.094	150.798	209.621
3445	250.145	150.814	209.762
3446	250.191	150.829	209.901
3447	250.226	150.843	210.015
3448	250.262	150.858	210.136
3449	250.294	150.873	210.245
3450	250.309	150.89	210.286
3451	250.3	150.91	210.218
3452	250.292	150.926	210.151
3453	250.279	150.941	210.084
3454	250.266	150.956	210.017
3455	250.253	150.971	209.95
3456	250.24	150.987	209.883
3457	250.227	151.002	209.816
3458	250.214	151.017	209.75
3459	250.201	151.032	209.683
3460	250.188	151.047	209.616
3461	250.175	151.063	209.55
3462	250.163	151.078	209.484
3463	250.15	151.093	209.418
3464	250.137	151.108	209.352
3465	250.124	151.123	209.286

3466	250.111	151.138	209.22
3467	250.098	151.153	209.154
3468	250.085	151.168	209.088
3469	250.072	151.183	209.022
3470	250.123	151.194	209.21
3471	250.173	151.212	209.393
3472	250.221	151.23	209.572
3473	250.263	151.246	209.735
3474	250.305	151.26	209.893
3475	250.349	151.274	210.057
3476	250.4	151.288	210.232
3477	250.458	151.303	210.419
3478	250.52	151.315	210.614
3479	250.584	151.325	210.828
3480	250.647	151.333	211.052
3481	250.699	151.339	211.232
3482	250.74	151.342	211.382
3483	250.773	151.343	211.506
3484	250.8	151.342	211.615
3485	250.822	151.34	211.708
3486	250.839	151.337	211.79
3487	250.853	151.332	211.862
3488	250.864	151.327	211.921
3489	250.872	151.32	211.968
3490	250.879	151.313	212.01
3491	250.888	151.304	212.053
3492	250.899	151.293	212.095
3493	250.911	151.282	212.139
3494	250.922	151.269	212.185
3495	250.933	151.255	212.232
3496	250.943	151.241	212.281
3497	250.953	151.225	212.33
3498	250.963	151.208	212.381
3499	250.96	151.191	212.38
3500	251.026	151.184	212.636
3501	251.09	151.18	212.88
3502	251.15	151.18	213.097
3503	251.194	151.184	213.279
3504	251.234	151.19	213.445
3505	251.258	151.198	213.537
3506	251.232	151.208	213.413
3507	251.163	151.19	213.208
3508	251.1	151.175	213.015
3509	251.042	151.164	212.832
3510	250.99	151.157	212.661
3511	250.943	151.152	212.5
3512	250.876	151.135	212.302
3513	250.813	151.12	212.11
3514	250.75	151.105	211.92
3515	250.684	151.088	211.726
3516	250.617	151.07	211.529
3517	250.561	151.058	211.354
3518	250.505	151.047	211.179
3519	250.448	151.036	211.004
3520	250.392	151.024	210.831
3521	250.334	151.011	210.653
3522	250.273	150.996	210.47

010146

3523	250.207	150.978	210.279
3524	250.138	150.957	210.084
3525	250.075	150.94	209.897
3526	250.018	150.926	209.721
3527	249.956	150.909	209.537
3528	249.889	150.889	209.346
3529	249.824	150.87	209.159
3530	249.761	150.853	208.975
3531	249.697	150.834	208.79
3532	249.665	150.832	208.66
3533	249.683	150.827	208.75
3534	249.697	150.821	208.828
3535	249.708	150.814	208.893
3536	249.749	150.817	209.069
3537	249.727	150.822	208.973
3538	249.656	150.8	208.786
3539	249.586	150.778	208.599
3540	249.516	150.756	208.412
3541	249.445	150.734	208.226
3542	249.393	150.721	208.065
3543	249.357	150.717	207.93
3544	249.322	150.713	207.794
3545	249.286	150.708	207.66
3546	249.251	150.704	207.526
3547	249.216	150.699	207.392
3548	249.18	150.695	207.258
3549	249.145	150.69	207.124
3550	249.11	150.685	206.991
3551	249.074	150.68	206.859
3552	249.039	150.675	206.727
3553	249.004	150.67	206.597
3554	248.97	150.664	206.47
3555	248.936	150.659	206.345
3556	248.903	150.653	206.223
3557	248.87	150.647	206.104
3558	248.838	150.641	205.987
3559	248.806	150.635	205.873
3560	248.775	150.629	205.763
3561	248.745	150.623	205.656
3562	248.715	150.617	205.549
3563	248.73	150.609	205.636
3564	248.742	150.6	205.714
3565	248.714	150.601	205.603
3566	248.682	150.593	205.491
3567	248.649	150.585	205.376
3568	248.615	150.577	205.257
3569	248.581	150.569	205.135
3570	248.546	150.56	205.016
3571	248.512	150.552	204.894
3572	248.477	150.544	204.77
3573	248.441	150.536	204.645
3574	248.405	150.527	204.518
3575	248.369	150.519	204.39
3576	248.333	150.51	204.263
3577	248.297	150.502	204.135
3578	248.26	150.493	204.009
3579	248.257	150.493	204.008

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010147

3580	248.296	150.495	204.179
3581	248.331	150.499	204.329
3582	248.366	150.507	204.469
3583	248.406	150.517	204.608
3584	248.442	150.53	204.746
3585	248.486	150.544	204.889
3586	248.537	150.556	205.042
3587	248.585	150.568	205.196
3588	248.621	150.579	205.324
3589	248.657	150.59	205.456
3590	248.69	150.603	205.578
3591	248.709	150.617	205.644
3592	248.7	150.634	205.687
3593	248.692	150.647	205.631
3594	248.679	150.662	205.468
3595	248.666	150.676	205.406
3596	248.654	150.69	205.344
3597	248.641	150.704	205.282
3598	248.628	150.718	205.22
3599	248.615	150.732	205.159
3600	248.602	150.746	205.097
3601	248.59	150.76	205.035
3602	248.577	150.774	204.974
3603	248.564	150.788	204.912
3604	248.551	150.802	204.851
3605	248.539	150.816	204.79
3606	248.526	150.83	204.729
3607	248.513	150.844	204.668
3608	248.5	150.858	204.607
3609	248.488	150.872	204.546
3610	248.475	150.885	204.485
3611	248.527	150.895	204.68
3612	248.576	150.909	204.871
3613	248.625	150.925	205.061
3614	248.668	150.938	205.234
3615	248.71	150.95	205.403
3616	248.754	150.961	205.575
3617	248.804	150.972	205.759
3618	248.862	150.983	205.956
3619	248.923	150.993	206.161
3620	248.987	151	206.382
3621	249.052	151.005	206.621
3622	249.105	151.008	206.816
3623	249.148	151.008	206.979
3624	249.182	151.006	207.117
3625	249.21	151.003	207.237
3626	249.233	150.998	207.342
3627	249.252	150.991	207.436
3628	249.267	150.984	207.519
3629	249.278	150.975	207.589
3630	249.287	150.965	207.646
3631	249.295	150.955	207.7
3632	249.306	150.942	207.753
3633	249.318	150.929	207.806
3634	249.33	150.914	207.861
3635	249.342	150.898	207.917
3636	249.354	150.881	207.976

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010148

3637	249.365	150.862	208.035
3638	249.376	150.843	208.095
3639	249.387	150.822	208.156
3640	249.397	150.801	208.217
3641	249.407	150.779	208.279
3642	249.311	150.746	208.114
3643	249.216	150.713	207.949
3644	249.121	150.679	207.785
3645	249.025	150.645	207.622
3646	249.009	150.632	207.548
3647	249.075	150.618	207.819
3648	249.141	150.608	208.085
3649	249.207	150.601	208.343
3650	249.27	150.598	208.577
3651	249.319	150.597	208.778
3652	249.361	150.6	208.956
3653	249.4	150.605	209.122
3654	249.435	150.612	209.264
3655	249.47	150.621	209.394
3656	249.507	150.634	209.521
3657	249.545	150.65	209.646
3658	249.581	150.668	209.768
3659	249.632	150.685	209.906
3660	249.682	150.7	210.047
3661	249.723	150.715	210.174
3662	249.758	150.729	210.289
3663	249.794	150.745	210.41
3664	249.823	150.761	210.508
3665	249.825	150.779	210.491
3666	249.816	150.798	210.421
3667	249.81	150.811	210.356
3668	249.797	150.827	210.289
3669	249.784	150.842	210.221
3670	249.771	150.857	210.154
3671	249.758	150.873	210.087
3672	249.745	150.888	210.02
3673	249.732	150.903	209.953
3674	249.719	150.918	209.886
3675	249.706	150.934	209.819
3676	249.693	150.949	209.752
3677	249.68	150.964	209.686
3678	249.668	150.979	209.619
3679	249.655	150.994	209.553
3680	249.642	151.009	209.486
3681	249.629	151.024	209.42
3682	249.616	151.039	209.354
3683	249.603	151.054	209.288
3684	249.59	151.069	209.222
3685	249.64	151.084	209.406
3686	249.69	151.103	209.587
3687	249.735	151.121	209.758
3688	249.777	151.136	209.918
3689	249.818	151.15	210.075
3690	249.865	151.164	210.243
3691	249.919	151.178	210.423
3692	249.98	151.192	210.613
3693	250.042	151.203	210.811

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3694	250.107	151.214	211.036
3695	250.165	151.22	211.239
3696	250.213	151.225	211.403
3697	250.25	151.227	211.541
3698	250.28	151.227	211.658
3699	250.305	151.226	211.758
3700	250.326	151.224	211.846
3701	250.342	151.22	211.923
3702	250.354	151.215	211.988
3703	250.364	151.209	212.041
3704	250.371	151.202	212.084
3705	250.379	151.194	212.126
3706	250.389	151.185	212.167
3707	250.401	151.175	212.209
3708	250.413	151.164	212.251
3709	250.424	151.152	212.295
3710	250.435	151.139	212.34
3711	250.447	151.126	212.386
3712	250.457	151.112	212.433
3713	250.468	151.097	212.481
3714	250.479	151.082	212.529
3715	250.489	151.066	212.577
3716	250.499	151.05	212.626
3717	250.509	151.033	212.676
3718	250.519	151.016	212.726
3719	250.528	150.998	212.776
3720	250.537	150.98	212.826
3721	250.546	150.961	212.876
3722	250.454	150.932	212.7
3723	250.424	150.922	212.559
3724	250.396	150.912	212.423
3725	250.368	150.902	212.29
3726	250.34	150.892	212.158
3727	250.312	150.882	212.027
3728	250.284	150.871	211.896
3729	250.257	150.861	211.765
3730	250.229	150.85	211.635
3731	250.201	150.84	211.505
3732	250.174	150.829	211.375
3733	250.146	150.818	211.246
3734	250.117	150.808	211.113
3735	250.088	150.797	210.978
3736	250.059	150.786	210.841
3737	249.965	150.756	210.672
3738	249.927	150.738	210.524
3739	249.89	150.719	210.379
3740	249.853	150.7	210.237
3741	249.817	150.681	210.094
3742	249.781	150.663	209.954
3743	249.744	150.644	209.815
3744	249.708	150.625	209.676
3745	249.672	150.606	209.536
3746	249.636	150.586	209.397
3747	249.6	150.567	209.259
3748	249.564	150.548	209.121
3749	249.528	150.529	208.983
3750	249.492	150.509	208.845

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3751	249.456	150.49	208.708
3752	249.419	150.471	208.571
3753	249.418	150.458	208.556
3754	249.483	150.447	208.824
3755	249.549	150.439	209.086
3756	249.613	150.435	209.332
3757	249.671	150.434	209.551
3758	249.713	150.436	209.734
3759	249.754	150.441	209.905
3760	249.791	150.448	210.056
3761	249.825	150.457	210.189
3762	249.86	150.47	210.313
3763	249.899	150.485	210.436
3764	249.935	150.503	210.556
3765	249.978	150.522	210.682
3766	250.029	150.538	210.82
3767	250.076	150.554	210.956
3768	250.111	150.57	211.068
3769	250.147	150.586	211.185
3770	250.179	150.602	211.292
3771	250.197	150.62	211.338
3772	250.188	150.641	211.267
3773	250.179	150.657	211.196
3774	250.166	150.673	211.128
3775	250.153	150.689	211.059
3776	250.14	150.704	210.991
3777	250.127	150.72	210.922
3778	250.114	150.735	210.854
3779	250.101	150.751	210.786
3780	250.089	150.766	210.718
3781	250.076	150.782	210.65
3782	250.063	150.797	210.582
3783	250.05	150.813	210.514
3784	250.037	150.828	210.447
3785	250.024	150.844	210.379
3786	250.011	150.859	210.312
3787	249.998	150.874	210.244
3788	249.985	150.89	210.177
3789	249.972	150.905	210.11
3790	249.959	150.92	210.043
3791	250.011	150.932	210.228
3792	250.06	150.95	210.409
3793	250.108	150.969	210.586
3794	250.151	150.986	210.747
3795	250.193	151.002	210.902
3796	250.237	151.017	211.062
3797	250.287	151.032	211.233
3798	250.344	151.047	211.416
3799	250.406	151.061	211.607
3800	250.47	151.072	211.815
3801	250.533	151.082	212.039
3802	250.586	151.088	212.218
3803	250.628	151.093	212.366
3804	250.66	151.095	212.488
3805	250.688	151.096	212.594
3806	250.71	151.095	212.685
3807	250.728	151.093	212.764

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3808	250.741	151.09	212.832
3809	250.775	151.098	212.965
3810	250.75	151.107	212.847
3811	250.685	151.091	212.65
3812	250.624	151.077	212.461
3813	250.566	151.065	212.28
3814	250.512	151.056	212.107
3815	250.462	151.049	211.94
3816	250.403	151.035	211.754
3817	250.347	151.023	211.574
3818	250.295	151.013	211.4
3819	250.247	151.005	211.233
3820	250.203	150.999	211.072
3821	250.14	150.983	210.883
3822	250.078	150.966	210.695
3823	250.015	150.95	210.507
3824	249.953	150.933	210.32
3825	249.89	150.916	210.133
3826	249.828	150.899	209.947
3827	249.765	150.882	209.761
3828	249.703	150.864	209.576
3829	249.64	150.847	209.392
3830	249.578	150.83	209.208
3831	249.515	150.812	209.025
3832	249.453	150.794	208.842
3833	249.391	150.776	208.66
3834	249.329	150.758	208.478
3835	249.266	150.74	208.297
3836	249.204	150.722	208.116
3837	249.137	150.701	207.929
3838	249.089	150.69	207.77
3839	249.04	150.679	207.612
3840	248.991	150.667	207.453
3841	248.942	150.656	207.296
3842	248.897	150.646	207.144
3843	248.835	150.627	206.967
3844	248.773	150.608	206.791
3845	248.711	150.589	206.615
3846	248.649	150.57	206.439
3847	248.587	150.55	206.264
3848	248.526	150.531	206.089
3849	248.464	150.511	205.915
3850	248.402	150.491	205.742
3851	248.34	150.471	205.569
3852	248.278	150.451	205.396
3853	248.217	150.431	205.224
3854	248.155	150.411	205.053
3855	248.093	150.391	204.882
3856	248.032	150.37	204.711
3857	247.97	150.35	204.541
3858	247.909	150.329	204.372
3859	247.85	150.311	204.211
3860	247.795	150.295	204.055
3861	247.741	150.279	203.904
3862	247.69	150.265	203.758
3863	247.656	150.259	203.633
3864	247.675	150.251	203.735

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010151

3865	247.69	150.242	203.825
3866	247.702	150.232	203.902
3867	247.711	150.22	203.966
3868	247.72	150.208	204.027
3869	247.732	150.194	204.088
3870	247.745	150.179	204.149
3871	247.758	150.162	204.211
3872	247.77	150.145	204.275
3873	247.783	150.126	204.341
3874	247.795	150.107	204.407
3875	247.807	150.086	204.473
3876	247.818	150.066	204.541
3877	247.83	150.044	204.609
3878	247.797	150.024	204.487
3879	247.764	150.004	204.363
3880	247.73	149.983	204.239
3881	247.697	149.963	204.115
3882	247.708	149.941	204.184
3883	247.719	149.918	204.253
3884	247.722	149.895	204.289
3885	247.788	149.881	204.564
3886	247.855	149.87	204.834
3887	247.92	149.863	205.088
3888	247.979	149.86	205.315
3889	248.021	149.86	205.506
3890	248.063	149.862	205.686
3891	248.1	149.867	205.846
3892	248.135	149.874	205.988
3893	248.17	149.884	206.121
3894	248.21	149.897	206.254
3895	248.246	149.913	206.385
3896	248.29	149.928	206.522
3897	248.341	149.943	206.669
3898	248.388	149.956	206.814
3899	248.423	149.969	206.934
3900	248.46	149.983	207.061
3901	248.492	149.997	207.175
3902	248.509	150.013	207.226
3903	248.499	150.032	207.163
3904	248.491	150.046	207.101
3905	248.479	150.061	207.037
3906	248.466	150.076	206.972
3907	248.453	150.091	206.908
3908	248.44	150.105	206.843
3909	248.427	150.12	206.779
3910	248.414	150.135	206.715
3911	248.402	150.149	206.651
3912	248.389	150.164	206.587
3913	248.376	150.179	206.523
3914	248.363	150.193	206.459
3915	248.35	150.208	206.395
3916	248.337	150.222	206.331
3917	248.325	150.237	206.268
3918	248.312	150.251	206.204
3919	248.299	150.266	206.141
3920	248.286	150.28	206.078
3921	248.273	150.295	206.014

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3922	248.325	150.305	206.205
3923	248.374	150.321	206.391
3924	248.422	150.338	206.575
3925	248.465	150.353	206.743
3926	248.507	150.367	206.905
3927	248.551	150.379	207.073
3928	248.601	150.392	207.253
3929	248.66	150.406	207.444
3930	248.721	150.417	207.644
3931	248.785	150.426	207.861
3932	248.849	150.433	208.091
3933	248.901	150.438	208.277
3934	248.943	150.44	208.433
3935	248.977	150.44	208.564
3936	249.004	150.438	208.677
3937	249.027	150.435	208.776
3938	249.045	150.431	208.864
3939	249.059	150.426	208.941
3940	249.071	150.42	209.005
3941	249.079	150.412	209.058
3942	249.087	150.404	209.106
3943	249.097	150.394	209.153
3944	249.109	150.383	209.2
3945	249.121	150.371	209.249
3946	249.133	150.357	209.3
3947	249.144	150.343	209.352
3948	249.155	150.327	209.405
3949	249.166	150.311	209.459
3950	249.176	150.293	209.515
3951	249.242	150.284	209.779
3952	249.308	150.277	210.037
3953	249.372	150.274	210.277
3954	249.429	150.274	210.491
3955	249.472	150.277	210.672
3956	249.512	150.283	210.842
3957	249.551	150.29	210.997
3958	249.532	150.299	210.905
3959	249.507	150.308	210.788
3960	249.482	150.317	210.671
3961	249.457	150.325	210.554
3962	249.431	150.334	210.438
3963	249.406	150.342	210.322
3964	249.381	150.351	210.205
3965	249.356	150.359	210.089
3966	249.331	150.367	209.973
3967	249.306	150.375	209.858
3968	249.281	150.383	209.742
3969	249.256	150.39	209.628
3970	249.23	150.398	209.514
3971	249.206	150.405	209.401
3972	249.181	150.413	209.287
3973	249.156	150.42	209.175
3974	249.131	150.427	209.062
3975	249.106	150.434	208.95
3976	249.081	150.441	208.839
3977	249.056	150.448	208.728
3978	249.031	150.455	208.617

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010154

3979	249.006	150.462	208.506
3980	248.982	150.468	208.396
3981	248.957	150.475	208.287
3982	248.932	150.481	208.177
3983	248.907	150.487	208.069
3984	248.883	150.493	207.96
3985	248.858	150.499	207.852
3986	248.834	150.505	207.745
3987	248.809	150.511	207.638
3988	248.785	150.517	207.532
3989	248.76	150.522	207.426
3990	248.728	150.519	207.299
3991	248.746	150.514	207.389
3992	248.759	150.506	207.465
3993	248.769	150.498	207.526
3994	248.777	150.488	207.578
3995	248.819	150.489	207.761
3996	248.859	150.493	207.935
3997	248.896	150.498	208.088
3998	248.931	150.506	208.225
3999	248.967	150.517	208.354
4000	249.007	150.531	208.482
4001	249.042	150.547	208.608
4002	249.087	150.564	208.742
4003	249.138	150.579	208.885
4004	249.184	150.593	209.024
4005	249.219	150.607	209.14
4006	249.255	150.621	209.263
4007	249.287	150.636	209.372
4008	249.302	150.653	209.411
4009	249.293	150.672	209.344
4010	249.285	150.687	209.279
4011	249.272	150.702	209.212
4012	249.259	150.717	209.146
4013	249.246	150.733	209.08
4014	249.233	150.748	209.014
4015	249.22	150.763	208.947
4016	249.208	150.778	208.882
4017	249.195	150.793	208.816
4018	249.182	150.808	208.75
4019	249.169	150.822	208.684
4020	249.156	150.837	208.619
4021	249.143	150.852	208.553
4022	249.131	150.867	208.488
4023	249.118	150.882	208.423
4024	249.105	150.897	208.357
4025	249.092	150.912	208.292
4026	249.079	150.926	208.227
4027	249.066	150.941	208.162
4028	249.118	150.952	208.351
4029	249.167	150.97	208.534
4030	249.215	150.987	208.714
4031	249.257	151.003	208.877
4032	249.299	151.017	209.037
4033	249.343	151.03	209.202
4034	249.394	151.044	209.379
4035	249.453	151.058	209.568

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4036	249.515	151.069	209.765
4037	249.579	151.079	209.981
4038	249.642	151.087	210.205
4039	249.694	151.091	210.385
4040	249.735	151.094	210.535
4041	249.768	151.094	210.661
4042	249.796	151.093	210.77
4043	249.818	151.09	210.865
4044	249.836	151.087	210.948
4045	249.85	151.082	211.022
4046	249.862	151.076	211.083
4047	249.871	151.069	211.134
4048	249.878	151.061	211.177
4049	249.887	151.051	211.221
4050	249.899	151.041	211.265
4051	249.911	151.029	211.309
4052	249.923	151.017	211.355
4053	249.934	151.003	211.403
4054	249.945	150.988	211.452
4055	249.956	150.972	211.503
4056	249.967	150.956	211.554
4057	249.977	150.938	211.606
4058	249.987	150.92	211.658
4059	249.997	150.901	211.711
4060	250.006	150.881	211.764
4061	249.969	150.863	211.616
4062	249.932	150.845	211.469
4063	249.896	150.826	211.322
4064	249.859	150.808	211.176
4065	249.822	150.789	211.03
4066	249.785	150.771	210.884
4067	249.749	150.752	210.739
4068	249.712	150.734	210.594
4069	249.675	150.715	210.45
4070	249.638	150.696	210.306
4071	249.602	150.677	210.162
4072	249.565	150.658	210.017
4073	249.528	150.639	209.872
4074	249.49	150.62	209.727
4075	249.453	150.601	209.582
4076	249.416	150.582	209.437
4077	249.367	150.56	209.287
4078	249.286	150.531	209.124
4079	249.335	150.519	209.324
4080	249.401	150.508	209.59
4081	249.467	150.501	209.848
4082	249.531	150.498	210.088
4083	249.587	150.498	210.3
4084	249.628	150.501	210.48
4085	249.669	150.506	210.648
4086	249.678	150.513	210.682
4087	249.617	150.499	210.499
4088	249.556	150.484	210.313
4089	249.497	150.472	210.135
4090	249.439	150.459	209.958
4091	249.381	150.446	209.781
4092	249.333	150.437	209.617

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010156

4093	249.288	150.43	209.459
4094	249.248	150.426	209.307
4095	249.211	150.423	209.161
4096	249.177	150.422	209.021
4097	249.129	150.412	208.858
4098	249.08	150.403	208.696
4099	249.032	150.393	208.534
4100	248.983	150.383	208.373
4101	248.935	150.373	208.212
4102	248.887	150.363	208.052
4103	248.841	150.355	207.897
4104	248.801	150.349	207.749
4105	248.765	150.345	207.609
4106	248.731	150.343	207.474
4107	248.698	150.341	207.339
4108	248.664	150.338	207.204
4109	248.631	150.335	207.071
4110	248.597	150.332	206.936
4111	248.563	150.329	206.802
4112	248.53	150.326	206.669
4113	248.495	150.322	206.534
4114	248.456	150.316	206.394
4115	248.474	150.311	206.483
4116	248.51	150.317	206.631
4117	248.544	150.325	206.766
4118	248.582	150.336	206.899
4119	248.62	150.35	207.03
4120	248.657	150.367	207.16
4121	248.708	150.382	207.305
4122	248.758	150.395	207.452
4123	248.799	150.409	207.584
4124	248.834	150.422	207.706
4125	248.87	150.436	207.831
4126	248.899	150.45	207.933
4127	248.9	150.468	207.918
4128	248.892	150.485	207.854
4129	248.885	150.497	207.794
4130	248.872	150.512	207.729
4131	248.859	150.526	207.664
4132	248.847	150.541	207.599
4133	248.834	150.556	207.535
4134	248.821	150.57	207.47
4135	248.808	150.585	207.406
4136	248.795	150.6	207.341
4137	248.782	150.614	207.277
4138	248.77	150.629	207.213
4139	248.757	150.644	207.149
4140	248.744	150.658	207.085
4141	248.731	150.673	207.021
4142	248.718	150.687	206.957
4143	248.706	150.702	206.893
4144	248.693	150.716	206.829
4145	248.68	150.731	206.766
4146	248.667	150.745	206.702
4147	248.654	150.76	206.639
4148	248.642	150.774	206.575
4149	248.629	150.788	206.512

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4150	248.616	150.803	206.449
4151	248.603	150.817	206.386
4152	248.591	150.831	206.323
4153	248.578	150.846	206.26
4154	248.565	150.86	206.197
4155	248.552	150.874	206.135
4156	248.539	150.888	206.072
4157	248.527	150.903	206.009
4158	248.514	150.917	205.947
4159	248.501	150.931	205.885
4160	248.489	150.945	205.822
4161	248.476	150.959	205.76
4162	248.463	150.973	205.698
4163	248.45	150.987	205.636
4164	248.438	151.001	205.574
4165	248.425	151.015	205.512
4166	248.412	151.029	205.451
4167	248.399	151.043	205.389
4168	248.387	151.057	205.327
4169	248.374	151.071	205.266
4170	248.361	151.085	205.204
4171	248.349	151.099	205.143
4172	248.336	151.113	205.082
4173	248.323	151.127	205.021
4174	248.311	151.14	204.96
4175	248.298	151.154	204.899
4176	248.285	151.168	204.838
4177	248.272	151.182	204.777
4178	248.26	151.196	204.716
4179	248.247	151.209	204.655
4180	248.234	151.223	204.595
4181	248.222	151.237	204.534
4182	248.209	151.25	204.474
4183	248.196	151.264	204.414
4184	248.184	151.278	204.353
4185	248.171	151.291	204.293
4186	248.158	151.305	204.233
4187	248.146	151.318	204.173
4188	248.133	151.332	204.113
4189	248.121	151.345	204.054
4190	248.108	151.359	203.994
4191	248.095	151.372	203.934
4192	248.083	151.386	203.875
4193	248.07	151.399	203.815
4194	248.057	151.413	203.756
4195	248.045	151.426	203.696
4196	248.032	151.439	203.637
4197	248.02	151.453	203.578
4198	248.007	151.466	203.519
4199	247.994	151.479	203.46
4200	247.982	151.493	203.401
4201	247.969	151.506	203.342
4202	247.957	151.519	203.284
4203	247.944	151.532	203.225
4204	247.931	151.545	203.166
4205	247.919	151.559	203.108
4206	247.906	151.572	203.049

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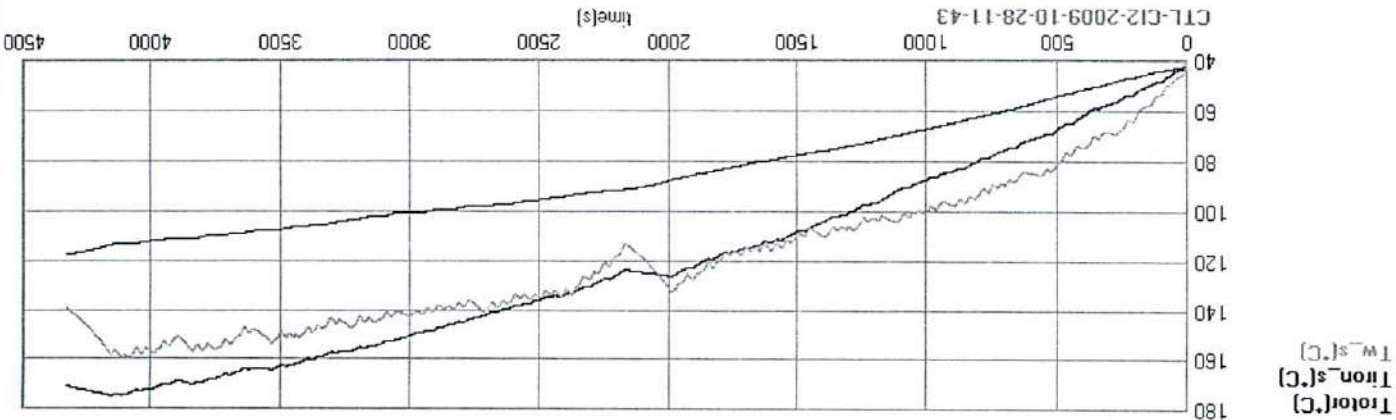
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4208	247.881	151.598	202.933
4209	247.868	151.611	202.875
4210	247.856	151.624	202.817
4211	247.843	151.637	202.759
4212	247.831	151.65	202.701
4213	247.818	151.663	202.643
4214	247.806	151.676	202.585
4215	247.793	151.689	202.527
4216	247.78	151.702	202.47
4217	247.768	151.715	202.412
4218	247.755	151.728	202.355
4219	247.743	151.741	202.297
4220	247.73	151.754	202.24
4221	247.718	151.767	202.183
4222	247.705	151.779	202.126
4223	247.693	151.792	202.069
4224	247.68	151.805	202.012
4225	247.668	151.818	201.955
4226	247.655	151.831	201.898
4227	247.643	151.843	201.841
4228	247.63	151.856	201.785
4229	247.618	151.869	201.728
4230	247.605	151.881	201.671
4231	247.593	151.894	201.615
4232	247.58	151.907	201.559
4233	247.568	151.919	201.502
4234	247.555	151.932	201.446
4235	247.543	151.944	201.39
4236	247.53	151.957	201.334
4237	247.518	151.97	201.278
4238	247.505	151.982	201.222
4239	247.493	151.995	201.166
4240	247.48	152.007	201.111
4241	247.468	152.019	201.055
4242	247.455	152.032	200.999
4243	247.443	152.044	200.944
4244	247.43	152.057	200.889
4245	247.418	152.069	200.833
4246	247.406	152.081	200.778
4247	247.393	152.094	200.723
4248	247.381	152.106	200.668
4249	247.368	152.118	200.613
4250	247.356	152.131	200.558
4251	247.343	152.143	200.503
4252	247.331	152.155	200.448
4253	247.318	152.167	200.393
4254	247.306	152.18	200.339
4255	247.294	152.192	200.284
4256	247.281	152.204	200.23
4257	247.269	152.216	200.175
4258	247.256	152.228	200.121
4259	247.244	152.24	200.067
4260	247.232	152.252	200.012
4261	247.219	152.264	199.958
4262	247.207	152.276	199.904
4263	247.194	152.289	199.85

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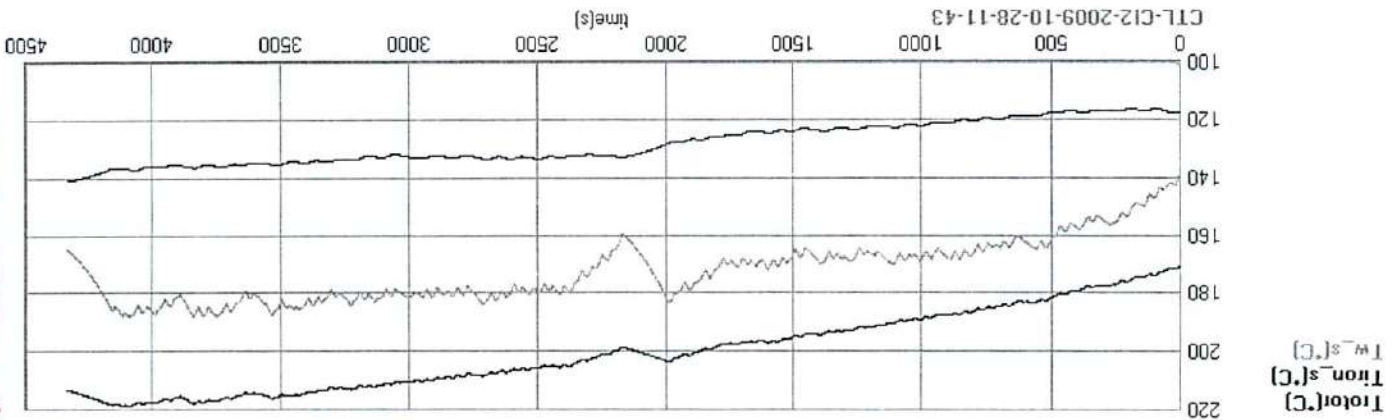
4264	247.182	152.301	199.796
4265	247.17	152.313	199.742
4266	247.157	152.325	199.689
4267	247.145	152.336	199.635
4268	247.132	152.348	199.581
4269	247.12	152.36	199.528
4270	247.108	152.372	199.474
4271	247.095	152.384	199.421
4272	247.083	152.396	199.368
4273	247.071	152.408	199.315
4274	247.058	152.42	199.261
4275	247.046	152.431	199.208
4276	247.033	152.443	199.155
4277	247.021	152.455	199.102
4278	247.009	152.467	199.049
4279	246.996	152.478	198.997
4280	246.984	152.49	198.944
4281	246.972	152.502	198.891
4282	246.959	152.514	198.839
4283	246.947	152.525	198.786
4284	246.935	152.537	198.734
4285	246.922	152.548	198.682
4286	246.91	152.56	198.629
4287	246.898	152.572	198.577
4288	246.885	152.583	198.525
4289	246.873	152.595	198.473
4290	246.861	152.606	198.421
4291	246.849	152.618	198.369
4292	246.836	152.629	198.317
4293	246.824	152.641	198.265
4294	246.812	152.652	198.214
4295	246.799	152.664	198.162
4296	246.787	152.675	198.11
4297	246.775	152.686	198.059
4298	246.762	152.698	198.007
4299	246.75	152.709	197.956
4300	246.738	152.721	197.905
4301	246.726	152.732	197.854
4302	246.713	152.743	197.803
4303	246.701	152.754	197.751
4304	246.689	152.766	197.7
4305	246.677	152.777	197.65
4306	246.664	152.788	197.599
4307	246.652	152.799	197.548
4308	246.64	152.811	197.497
4309	246.628	152.822	197.447
4310	246.615	152.833	197.396

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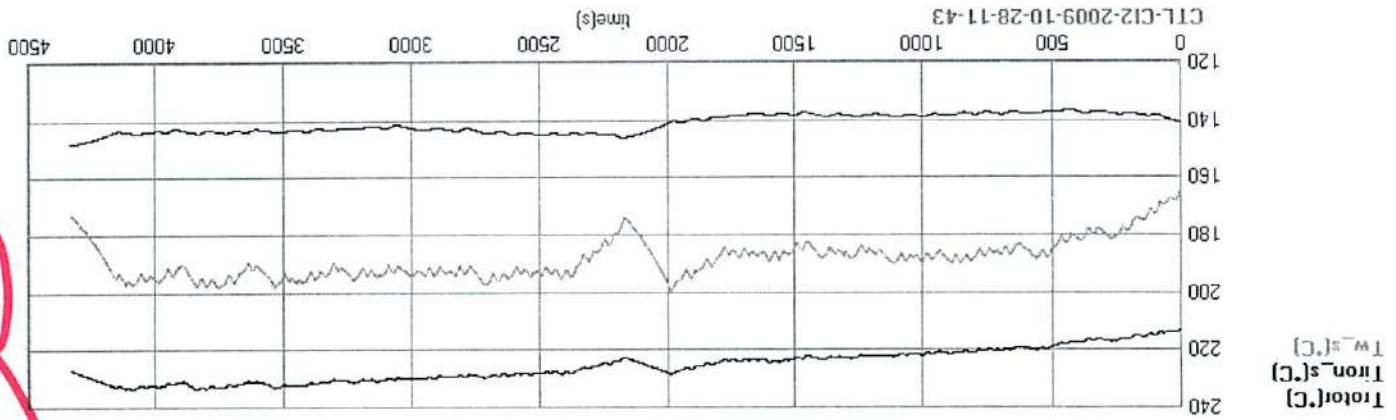
1 Cycle



2 Cycle



3 Cycle



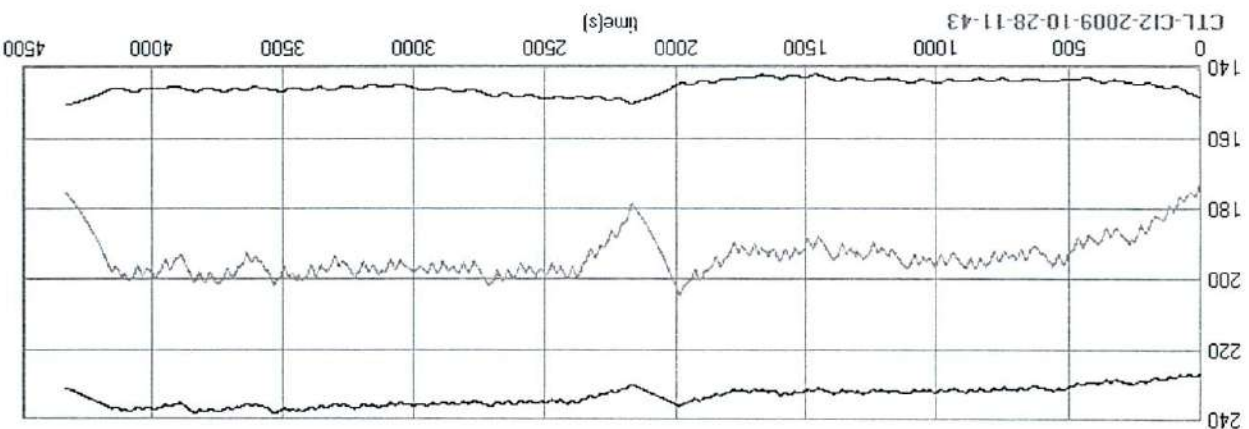
851

Handwritten signature/initials.

010161

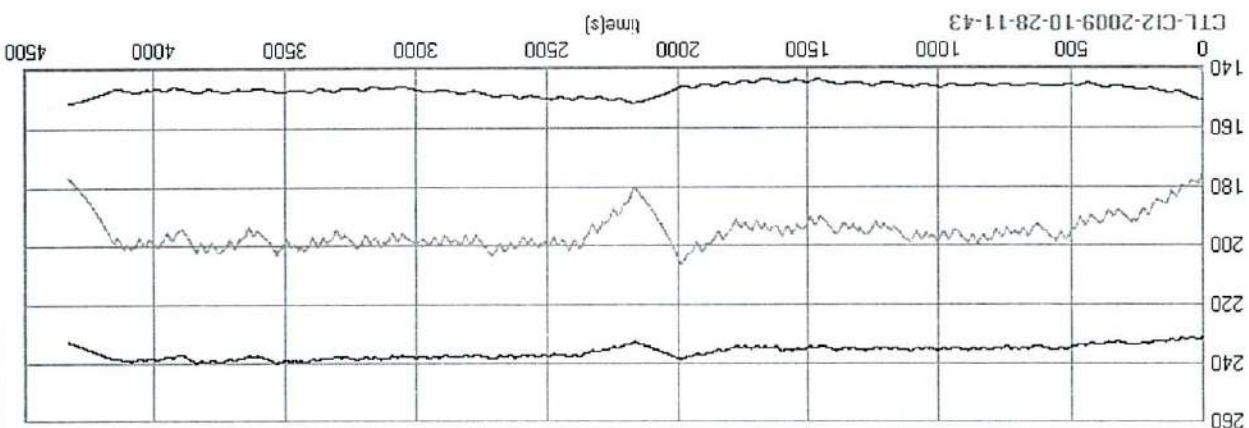
4 Cycle

Trotor(C)
Tiron-s(C)
TW-s(C)



5 Cycle

Trotor(C)
Tiron-s(C)
TW-s(C)



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Handwritten signature in red ink.

7C 5M AW3 8p/m² Normal Mode
Traction Motor 4 LCA 2132_IndE

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5 Cycle

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
Maximum	240.2	151.5	206.1

time(s)	Trotor(°C)	Tiron_s(°C)	Tw_s(°C)
0	231.139	150.609	175.207
1	231.151	150.606	175.302
2	231.201	150.603	175.554
3	231.247	150.597	175.795
4	231.291	150.587	176.031
5	231.337	150.575	176.271
6	231.388	150.563	176.523
7	231.446	150.55	176.788
8	231.511	150.535	177.064
9	231.579	150.518	177.347
10	231.649	150.499	177.653
11	231.717	150.477	177.953
12	231.775	150.452	178.213
13	231.825	150.425	178.447
14	231.866	150.396	178.658
15	231.904	150.365	178.853
16	231.935	150.333	179.03
17	231.908	150.3	178.979
18	231.881	150.266	178.929
19	231.854	150.232	178.879
20	231.827	150.198	178.828
21	231.805	150.167	178.788
22	231.784	150.136	178.747
23	231.763	150.106	178.71
24	231.742	150.075	178.673
25	231.722	150.044	178.637
26	231.701	150.013	178.6
27	231.681	149.982	178.564
28	231.66	149.952	178.527
29	231.64	149.921	178.491
30	231.619	149.89	178.455
31	231.599	149.86	178.419
32	231.578	149.829	178.383
33	231.558	149.799	178.347
34	231.537	149.768	178.311
35	231.516	149.738	178.275
36	231.496	149.707	178.238
37	231.475	149.677	178.202
38	231.455	149.646	178.166
39	231.434	149.616	178.128
40	231.412	149.586	178.09
41	231.391	149.555	178.051
42	231.37	149.525	178.012
43	231.348	149.495	177.973
44	231.378	149.463	178.144

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45	231.404	149.429	178.306
46	231.428	149.395	178.458
47	231.45	149.359	178.6
48	231.47	149.323	178.732
49	231.49	149.285	178.859
50	231.512	149.247	178.986
51	231.536	149.208	179.113
52	231.561	149.167	179.239
53	231.586	149.126	179.365
54	231.612	149.083	179.493
55	231.637	149.04	179.621
56	231.663	148.996	179.749
57	231.688	148.951	179.877
58	231.714	148.905	180.005
59	231.74	148.859	180.134
60	231.765	148.812	180.261
61	231.791	148.764	180.388
62	231.816	148.715	180.514
63	231.797	148.668	180.449
64	231.777	148.621	180.384
65	231.758	148.575	180.319
66	231.738	148.528	180.254
67	231.718	148.482	180.189
68	231.699	148.435	180.124
69	231.679	148.389	180.06
70	231.659	148.342	179.995
71	231.639	148.296	179.93
72	231.62	148.25	179.866
73	231.6	148.204	179.801
74	231.58	148.158	179.737
75	231.56	148.112	179.674
76	231.541	148.066	179.611
77	231.521	148.02	179.548
78	231.501	147.975	179.485
79	231.481	147.929	179.422
80	231.462	147.884	179.359
81	231.54	147.845	179.683
82	231.619	147.809	180.005
83	231.697	147.777	180.321
84	231.771	147.749	180.619
85	231.835	147.725	180.889
86	231.887	147.704	181.132
87	231.936	147.686	181.365
88	231.98	147.671	181.578
89	232.023	147.659	181.776
90	232.066	147.65	181.969
91	232.111	147.644	182.162
92	232.152	147.641	182.353
93	232.204	147.638	182.555
94	232.259	147.634	182.763
95	232.307	147.63	182.959
96	232.344	147.626	183.135
97	232.384	147.624	183.318
98	232.417	147.624	183.478
99	232.428	147.626	183.551

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100	232.421	147.632	183.542
101	232.415	147.633	183.531
102	232.382	147.659	183.409
103	232.349	147.685	183.288
104	232.315	147.711	183.167
105	232.282	147.736	183.046
106	232.249	147.761	182.927
107	232.216	147.786	182.807
108	232.183	147.811	182.688
109	232.15	147.836	182.57
110	232.117	147.861	182.452
111	232.084	147.886	182.335
112	232.051	147.91	182.218
113	232.018	147.935	182.101
114	231.985	147.959	181.985
115	231.952	147.983	181.87
116	231.919	148.007	181.755
117	231.886	148.031	181.64
118	231.853	148.055	181.526
119	231.904	148.055	181.753
120	231.953	148.059	181.981
121	232.001	148.061	182.207
122	232.045	148.061	182.422
123	232.088	148.058	182.635
124	232.135	148.054	182.855
125	232.187	148.05	183.087
126	232.248	148.045	183.332
127	232.312	148.039	183.585
128	232.38	148.03	183.85
129	232.45	148.02	184.14
130	232.512	148.006	184.4
131	232.566	147.991	184.625
132	232.611	147.973	184.826
133	232.65	147.954	185.008
134	232.684	147.933	185.177
135	232.715	147.911	185.333
136	232.743	147.888	185.479
137	232.768	147.865	185.618
138	232.79	147.84	185.749
139	232.839	147.825	185.972
140	232.836	147.813	185.976
141	232.816	147.793	185.922
142	232.796	147.773	185.868
143	232.777	147.752	185.814
144	232.757	147.732	185.762
145	232.738	147.712	185.711
146	232.72	147.691	185.665
147	232.703	147.671	185.619
148	232.685	147.651	185.574
149	232.668	147.63	185.53
150	232.65	147.61	185.487
151	232.632	147.59	185.441
152	232.614	147.569	185.394
153	232.596	147.549	185.348
154	232.578	147.529	185.301

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155	232.56	147.508	185.255
156	232.542	147.488	185.209
157	232.524	147.468	185.163
158	232.505	147.448	185.117
159	232.487	147.427	185.07
160	232.469	147.407	185.025
161	232.451	147.387	184.979
162	232.433	147.367	184.933
163	232.415	147.346	184.887
164	232.397	147.326	184.842
165	232.379	147.306	184.796
166	232.36	147.286	184.751
167	232.342	147.265	184.705
168	232.323	147.245	184.656
169	232.304	147.225	184.606
170	232.285	147.205	184.556
171	232.265	147.185	184.506
172	232.246	147.164	184.455
173	232.274	147.142	184.603
174	232.299	147.12	184.744
175	232.322	147.096	184.876
176	232.343	147.072	185
177	232.362	147.047	185.115
178	232.379	147.021	185.22
179	232.397	146.994	185.323
180	232.416	146.967	185.424
181	232.438	146.938	185.526
182	232.461	146.908	185.628
183	232.483	146.876	185.73
184	232.506	146.844	185.834
185	232.528	146.811	185.939
186	232.551	146.777	186.044
187	232.574	146.742	186.149
188	232.596	146.706	186.255
189	232.673	146.68	186.557
190	232.748	146.657	186.85
191	232.819	146.638	187.121
192	232.875	146.623	187.36
193	232.924	146.611	187.579
194	232.971	146.602	187.785
195	233.012	146.595	187.97
196	233.053	146.591	188.143
197	233.096	146.59	188.316
198	233.139	146.592	188.487
199	233.182	146.597	188.657
200	233.237	146.6	188.843
201	233.29	146.602	189.029
202	233.333	146.605	189.196
203	233.371	146.608	189.355
204	233.408	146.612	189.514
205	233.438	146.617	189.647
206	233.438	146.625	189.658
207	233.431	146.634	189.629
208	233.426	146.638	189.602
209	233.392	146.67	189.456

210	233.358	146.702	189.311
211	233.324	146.733	189.166
212	233.29	146.764	189.022
213	233.256	146.795	188.878
214	233.222	146.826	188.736
215	233.188	146.857	188.593
216	233.155	146.887	188.452
217	233.121	146.918	188.311
218	233.087	146.948	188.17
219	233.053	146.978	188.03
220	233.02	147.008	187.891
221	232.986	147.038	187.752
222	232.952	147.068	187.614
223	232.919	147.097	187.476
224	232.885	147.127	187.339
225	232.851	147.156	187.202
226	232.901	147.161	187.417
227	232.95	147.17	187.632
228	232.996	147.176	187.84
229	233.04	147.179	188.038
230	233.083	147.181	188.235
231	233.131	147.182	188.443
232	233.185	147.183	188.662
233	233.248	147.184	188.893
234	233.313	147.183	189.132
235	233.381	147.179	189.388
236	233.448	147.174	189.657
237	233.506	147.165	189.885
238	233.555	147.155	190.083
239	233.596	147.142	190.257
240	233.632	147.128	190.414
241	233.663	147.113	190.557
242	233.69	147.096	190.688
243	233.713	147.078	190.809
244	233.733	147.058	190.918
245	233.751	147.038	191.015
246	233.767	147.017	191.101
247	233.785	146.994	191.187
248	233.805	146.97	191.273
249	233.826	146.945	191.359
250	233.848	146.918	191.447
251	233.869	146.89	191.536
252	233.891	146.861	191.625
253	233.912	146.831	191.716
254	233.934	146.8	191.807
255	233.924	146.769	191.765
256	233.842	146.726	191.634
257	233.755	146.681	191.5
258	233.664	146.634	191.364
259	233.632	146.602	191.255
260	233.609	146.572	191.152
261	233.585	146.542	191.05
262	233.624	146.519	191.191
263	233.699	146.498	191.479
264	233.772	146.482	191.75

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265	233.835	146.469	191.993
266	233.884	146.46	192.204
267	233.931	146.454	192.404
268	233.927	146.45	192.39
269	233.902	146.438	192.295
270	233.877	146.426	192.2
271	233.852	146.414	192.105
272	233.827	146.402	192.011
273	233.802	146.39	191.916
274	233.778	146.378	191.827
275	233.754	146.365	191.738
276	233.73	146.353	191.649
277	233.706	146.341	191.562
278	233.683	146.328	191.475
279	233.659	146.316	191.387
280	233.635	146.303	191.298
281	233.611	146.29	191.21
282	233.587	146.278	191.122
283	233.563	146.265	191.034
284	233.538	146.252	190.947
285	233.514	146.24	190.86
286	233.49	146.227	190.773
287	233.466	146.214	190.686
288	233.442	146.201	190.6
289	233.418	146.188	190.513
290	233.394	146.175	190.427
291	233.37	146.162	190.342
292	233.346	146.149	190.256
293	233.322	146.136	190.171
294	233.298	146.123	190.086
295	233.274	146.11	190
296	233.251	146.096	189.918
297	233.227	146.083	189.835
298	233.204	146.07	189.753
299	233.18	146.056	189.67
300	233.157	146.043	189.589
301	233.133	146.029	189.506
302	233.109	146.016	189.422
303	233.085	146.002	189.339
304	233.061	145.989	189.256
305	233.037	145.975	189.174
306	233.014	145.962	189.091
307	232.99	145.948	189.009
308	232.966	145.934	188.927
309	232.942	145.92	188.846
310	232.918	145.907	188.764
311	232.894	145.893	188.683
312	232.87	145.879	188.602
313	232.847	145.865	188.521
314	232.823	145.851	188.441
315	232.799	145.837	188.36
316	232.775	145.823	188.28
317	232.751	145.809	188.198
318	232.726	145.795	188.114
319	232.701	145.781	188.03

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010168

320	232.676	145.767	187.946
321	232.651	145.753	187.861
322	232.662	145.737	187.93
323	232.686	145.72	188.056
324	232.707	145.702	188.172
325	232.718	145.683	188.246
326	232.764	145.676	188.449
327	232.806	145.672	188.63
328	232.846	145.67	188.8
329	232.888	145.671	188.967
330	232.931	145.675	189.133
331	232.973	145.682	189.299
332	233.027	145.687	189.478
333	233.08	145.691	189.659
334	233.123	145.696	189.824
335	233.161	145.7	189.977
336	233.199	145.706	190.133
337	233.229	145.712	190.264
338	233.232	145.722	190.281
339	233.224	145.732	190.249
340	233.219	145.738	190.217
341	233.184	145.771	190.066
342	233.15	145.804	189.916
343	233.116	145.837	189.766
344	233.082	145.869	189.617
345	233.047	145.902	189.469
346	233.013	145.934	189.321
347	232.979	145.966	189.173
348	232.945	145.998	189.027
349	232.911	146.03	188.881
350	232.877	146.062	188.735
351	232.843	146.094	188.59
352	232.809	146.125	188.446
353	232.775	146.156	188.302
354	232.741	146.187	188.159
355	232.707	146.218	188.017
356	232.673	146.249	187.875
357	232.64	146.28	187.734
358	232.689	146.285	187.945
359	232.738	146.296	188.156
360	232.785	146.303	188.361
361	232.828	146.308	188.555
362	232.871	146.311	188.749
363	232.918	146.314	188.951
364	232.972	146.317	189.166
365	233.034	146.32	189.392
366	233.098	146.32	189.625
367	233.165	146.319	189.875
368	233.234	146.315	190.143
369	233.292	146.309	190.37
370	233.341	146.301	190.566
371	233.382	146.291	190.738
372	233.418	146.279	190.892
373	233.449	146.265	191.032
374	233.475	146.251	191.16

010163

375	233.499	146.235	191.278
376	233.519	146.218	191.385
377	233.537	146.2	191.48
378	233.553	146.182	191.564
379	233.569	146.162	191.646
380	233.588	146.141	191.728
381	233.609	146.118	191.81
382	233.63	146.095	191.892
383	233.651	146.07	191.976
384	233.671	146.044	192.062
385	233.692	146.018	192.148
386	233.713	145.99	192.234
387	233.734	145.961	192.321
388	233.754	145.932	192.408
389	233.775	145.902	192.495
390	233.795	145.871	192.582
391	233.77	145.842	192.473
392	233.745	145.812	192.364
393	233.72	145.783	192.255
394	233.679	145.75	192.14
395	233.64	145.718	192.026
396	233.616	145.688	191.921
397	233.592	145.659	191.82
398	233.571	145.629	191.727
399	233.551	145.599	191.644
400	233.534	145.57	191.573
401	233.521	145.54	191.517
402	233.509	145.51	191.465
403	233.496	145.48	191.414
404	233.484	145.45	191.362
405	233.471	145.42	191.31
406	233.459	145.39	191.258
407	233.446	145.361	191.207
408	233.434	145.331	191.155
409	233.421	145.301	191.103
410	233.408	145.272	191.047
411	233.389	145.243	190.97
412	233.366	145.214	190.876
413	233.342	145.185	190.772
414	233.27	145.147	190.65
415	233.253	145.126	190.559
416	233.238	145.104	190.473
417	233.223	145.083	190.389
418	233.209	145.061	190.306
419	233.194	145.04	190.223
420	233.179	145.018	190.14
421	233.165	144.997	190.057
422	233.15	144.975	189.975
423	233.135	144.954	189.892
424	233.12	144.932	189.807
425	233.104	144.911	189.719
426	233.138	144.889	189.846
427	233.212	144.868	190.137
428	233.286	144.851	190.424
429	233.358	144.837	190.699

010170

430	233.427	144.826	190.951
431	233.478	144.819	191.169
432	233.525	144.815	191.371
433	233.569	144.813	191.558
434	233.609	144.813	191.724
435	233.648	144.816	191.88
436	233.691	144.823	192.036
437	233.731	144.832	192.19
438	233.775	144.842	192.346
439	233.829	144.851	192.515
440	233.881	144.859	192.685
441	233.921	144.867	192.833
442	233.958	144.875	192.978
443	233.994	144.884	193.118
444	234.019	144.894	193.219
445	234.014	144.907	193.195
446	234.007	144.919	193.153
447	234.002	144.925	193.114
448	233.967	144.962	192.951
449	233.933	144.998	192.788
450	233.898	145.034	192.625
451	233.863	145.07	192.464
452	233.828	145.106	192.303
453	233.793	145.141	192.143
454	233.759	145.177	191.983
455	233.724	145.212	191.824
456	233.689	145.247	191.666
457	233.655	145.282	191.508
458	233.62	145.317	191.352
459	233.585	145.351	191.195
460	233.551	145.386	191.04
461	233.516	145.42	190.885
462	233.482	145.454	190.73
463	233.447	145.488	190.577
464	233.413	145.522	190.423
465	233.462	145.531	190.628
466	233.511	145.542	190.833
467	233.556	145.552	191.026
468	233.599	145.559	191.212
469	233.642	145.565	191.397
470	233.69	145.571	191.594
471	233.746	145.577	191.802
472	233.808	145.582	192.021
473	233.872	145.586	192.246
474	233.939	145.588	192.493
475	234.004	145.587	192.741
476	234.06	145.584	192.949
477	234.106	145.579	193.13
478	234.145	145.572	193.288
479	234.178	145.563	193.43
480	234.207	145.553	193.558
481	234.233	145.542	193.675
482	234.255	145.53	193.782
483	234.274	145.517	193.879
484	234.291	145.503	193.966

485	234.306	145.488	194.043
486	234.32	145.472	194.116
487	234.337	145.456	194.188
488	234.356	145.438	194.261
489	234.376	145.419	194.334
490	234.396	145.399	194.408
491	234.415	145.378	194.483
492	234.435	145.356	194.56
493	234.454	145.333	194.637
494	234.473	145.31	194.715
495	234.493	145.286	194.793
496	234.512	145.261	194.872
497	234.531	145.235	194.95
498	234.55	145.209	195.028
499	234.569	145.182	195.106
500	234.544	145.157	194.994
501	234.573	145.139	195.093
502	234.646	145.123	195.374
503	234.719	145.11	195.648
504	234.79	145.1	195.905
505	234.852	145.095	196.135
506	234.899	145.092	196.332
507	234.945	145.092	196.518
508	234.986	145.095	196.685
509	235.025	145.099	196.834
510	235.065	145.107	196.977
511	235.108	145.119	197.119
512	235.147	145.132	197.259
513	235.195	145.145	197.407
514	235.248	145.157	197.563
515	235.296	145.168	197.715
516	235.332	145.179	197.842
517	235.37	145.191	197.978
518	235.402	145.203	198.098
519	235.416	145.217	198.142
520	235.408	145.234	198.089
521	235.401	145.246	198.037
522	235.366	145.286	197.857
523	235.331	145.326	197.679
524	235.296	145.365	197.501
525	235.26	145.405	197.324
526	235.225	145.444	197.148
527	235.19	145.483	196.972
528	235.155	145.522	196.798
529	235.12	145.56	196.624
530	235.085	145.599	196.45
531	235.05	145.637	196.278
532	235.015	145.675	196.106
533	234.98	145.713	195.934
534	234.945	145.751	195.764
535	234.91	145.788	195.594
536	234.875	145.826	195.425
537	234.84	145.863	195.257
538	234.805	145.9	195.089
539	234.855	145.908	195.286

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010172

540	234.904	145.921	195.482
541	234.952	145.935	195.675
542	234.996	145.946	195.854
543	235.038	145.955	196.029
544	235.083	145.964	196.208
545	235.133	145.973	196.398
546	235.191	145.982	196.599
547	235.254	145.99	196.81
548	235.319	145.996	197.03
549	235.387	146	197.274
550	235.448	146.002	197.497
551	235.5	146.001	197.682
552	235.543	145.998	197.844
553	235.579	145.994	197.985
554	235.611	145.988	198.111
555	235.638	145.981	198.225
556	235.662	145.972	198.329
557	235.683	145.963	198.423
558	235.701	145.953	198.507
559	235.672	145.944	198.384
560	235.641	145.935	198.26
561	235.607	145.923	198.131
562	235.543	145.898	197.967
563	235.487	145.877	197.817
564	235.461	145.874	197.71
565	235.439	145.873	197.61
566	235.417	145.872	197.511
567	235.396	145.871	197.415
568	235.376	145.869	197.321
569	235.372	145.858	197.315
570	235.419	145.857	197.505
571	235.416	145.857	197.485
572	235.397	145.858	197.398
573	235.378	145.858	197.311
574	235.358	145.859	197.222
575	235.338	145.859	197.131
576	235.318	145.859	197.04
577	235.27	145.843	196.903
578	235.207	145.816	196.738
579	235.175	145.806	196.619
580	235.147	145.798	196.505
581	235.118	145.789	196.392
582	235.091	145.78	196.281
583	235.063	145.772	196.171
584	235.035	145.763	196.061
585	235.007	145.754	195.952
586	234.98	145.745	195.843
587	234.952	145.736	195.734
588	234.924	145.726	195.625
589	234.897	145.717	195.517
590	234.869	145.708	195.409
591	234.841	145.698	195.302
592	234.813	145.689	195.193
593	234.785	145.68	195.085
594	234.757	145.67	194.976

595	234.729	145.66	194.867
596	234.701	145.651	194.759
597	234.721	145.639	194.859
598	234.739	145.626	194.949
599	234.749	145.613	195.006
600	234.795	145.611	195.197
601	234.795	145.611	195.19
602	234.768	145.604	195.08
603	234.741	145.596	194.971
604	234.714	145.588	194.862
605	234.687	145.58	194.754
606	234.661	145.572	194.646
607	234.635	145.564	194.544
608	234.61	145.556	194.443
609	234.585	145.548	194.344
610	234.561	145.54	194.246
611	234.536	145.531	194.15
612	234.512	145.523	194.053
613	234.487	145.514	193.957
614	234.463	145.506	193.861
615	234.439	145.497	193.766
616	234.415	145.488	193.671
617	234.39	145.48	193.576
618	234.366	145.471	193.482
619	234.342	145.462	193.388
620	234.318	145.453	193.294
621	234.293	145.444	193.199
622	234.268	145.435	193.104
623	234.243	145.426	193.005
624	234.217	145.417	192.905
625	234.191	145.408	192.804
626	234.164	145.399	192.702
627	234.138	145.39	192.6
628	234.143	145.379	192.635
629	234.166	145.367	192.747
630	234.185	145.354	192.849
631	234.203	145.34	192.939
632	234.217	145.324	193.019
633	234.232	145.308	193.094
634	234.249	145.291	193.169
635	234.268	145.273	193.244
636	234.288	145.253	193.319
637	234.308	145.232	193.396
638	234.327	145.211	193.475
639	234.346	145.188	193.554
640	234.366	145.165	193.634
641	234.385	145.14	193.714
642	234.404	145.115	193.795
643	234.393	145.099	193.72
644	234.466	145.084	193.999
645	234.538	145.072	194.268
646	234.606	145.064	194.513
647	234.657	145.06	194.723
648	234.703	145.058	194.917
649	234.747	145.058	195.096

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864

650	234.786	145.061	195.254
651	234.825	145.067	195.401
652	234.867	145.076	195.548
653	234.907	145.087	195.693
654	234.951	145.1	195.84
655	235.005	145.111	196
656	235.056	145.122	196.161
657	235.096	145.131	196.301
658	235.133	145.142	196.437
659	235.169	145.153	196.57
660	235.194	145.165	196.665
661	235.19	145.18	196.635
662	235.183	145.193	196.586
663	235.177	145.202	196.539
664	235.142	145.241	196.365
665	235.107	145.279	196.192
666	235.072	145.318	196.019
667	235.037	145.356	195.847
668	235.002	145.394	195.675
669	234.966	145.432	195.504
670	234.931	145.47	195.334
671	234.896	145.507	195.165
672	234.861	145.545	194.997
673	234.826	145.582	194.829
674	234.791	145.619	194.662
675	234.756	145.656	194.495
676	234.722	145.693	194.329
677	234.687	145.729	194.164
678	234.652	145.766	194
679	234.617	145.802	193.836
680	234.582	145.838	193.673
681	234.632	145.848	193.872
682	234.681	145.862	194.071
683	234.726	145.873	194.258
684	234.768	145.882	194.438
685	234.811	145.89	194.616
686	234.859	145.898	194.805
687	234.914	145.906	195.006
688	234.976	145.914	195.217
689	235.04	145.919	195.436
690	235.107	145.923	195.674
691	235.172	145.924	195.916
692	235.228	145.923	196.118
693	235.274	145.92	196.292
694	235.312	145.915	196.442
695	235.345	145.909	196.576
696	235.374	145.901	196.698
697	235.347	145.894	196.586
698	235.32	145.887	196.474
699	235.294	145.88	196.363
700	235.267	145.873	196.251
701	235.24	145.865	196.139
702	235.213	145.858	196.028
703	235.186	145.851	195.917
704	235.159	145.843	195.806

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865

010175

705	235.132	145.836	195.695
706	235.106	145.828	195.585
707	235.078	145.82	195.474
708	235.051	145.813	195.363
709	235.01	145.797	195.231
710	234.951	145.772	195.073
711	234.897	145.75	194.925
712	234.92	145.74	195.027
713	234.941	145.729	195.13
714	234.959	145.716	195.221
715	234.975	145.702	195.3
716	234.989	145.688	195.37
717	235.006	145.671	195.44
718	235.025	145.654	195.509
719	235.044	145.635	195.581
720	235.063	145.614	195.654
721	235.083	145.593	195.729
722	235.102	145.57	195.804
723	235.121	145.546	195.88
724	235.139	145.522	195.956
725	235.158	145.496	196.033
726	235.177	145.471	196.109
727	235.165	145.445	196.056
728	235.109	145.414	195.923
729	235.052	145.382	195.791
730	234.995	145.351	195.659
731	234.938	145.32	195.527
732	234.882	145.288	195.395
733	234.825	145.257	195.264
734	234.769	145.225	195.133
735	234.712	145.194	195.002
736	234.656	145.162	194.871
737	234.599	145.131	194.741
738	234.546	145.1	194.613
739	234.492	145.069	194.484
740	234.436	145.037	194.355
741	234.38	145.005	194.226
742	234.324	144.974	194.098
743	234.276	144.944	193.973
744	234.32	144.925	194.131
745	234.393	144.909	194.413
746	234.466	144.895	194.688
747	234.536	144.886	194.948
748	234.599	144.88	195.18
749	234.646	144.877	195.38
750	234.692	144.876	195.569
751	234.734	144.878	195.739
752	234.773	144.883	195.891
753	234.812	144.89	196.036
754	234.856	144.901	196.18
755	234.895	144.914	196.322
756	234.942	144.927	196.471
757	234.995	144.938	196.629
758	235.044	144.949	196.784
759	235.08	144.96	196.914

010176

760	235.118	144.971	197.051
761	235.151	144.983	197.174
762	235.168	144.996	197.232
763	235.16	145.012	197.181
764	235.153	145.025	197.13
765	235.118	145.064	196.954
766	235.083	145.104	196.777
767	235.047	145.143	196.602
768	235.012	145.182	196.427
769	234.977	145.22	196.253
770	234.942	145.259	196.08
771	234.907	145.297	195.908
772	234.872	145.336	195.736
773	234.837	145.374	195.565
774	234.802	145.411	195.394
775	234.767	145.449	195.225
776	234.732	145.487	195.056
777	234.697	145.524	194.887
778	234.662	145.561	194.72
779	234.627	145.598	194.553
780	234.592	145.635	194.387
781	234.557	145.671	194.221
782	234.608	145.679	194.419
783	234.657	145.691	194.616
784	234.705	145.705	194.812
785	234.749	145.716	194.994
786	234.791	145.725	195.171
787	234.835	145.734	195.35
788	234.885	145.742	195.54
789	234.942	145.751	195.742
790	235.005	145.759	195.953
791	235.07	145.764	196.172
792	235.137	145.769	196.415
793	235.199	145.77	196.643
794	235.252	145.769	196.832
795	235.296	145.767	196.997
796	235.332	145.762	197.14
797	235.364	145.756	197.267
798	235.391	145.748	197.381
799	235.414	145.74	197.485
800	235.434	145.73	197.578
801	235.451	145.719	197.66
802	235.466	145.707	197.73
803	235.48	145.694	197.794
804	235.496	145.68	197.857
805	235.514	145.665	197.92
806	235.533	145.648	197.984
807	235.552	145.631	198.05
808	235.571	145.612	198.117
809	235.589	145.592	198.185
810	235.608	145.571	198.254
811	235.626	145.549	198.324
812	235.645	145.527	198.394
813	235.663	145.503	198.464
814	235.681	145.479	198.534

815	235.657	145.456	198.422
816	235.599	145.426	198.282
817	235.542	145.397	198.142
818	235.485	145.367	198.003
819	235.428	145.338	197.864
820	235.371	145.308	197.726
821	235.313	145.279	197.588
822	235.256	145.249	197.45
823	235.199	145.219	197.312
824	235.142	145.189	197.175
825	235.085	145.16	197.038
826	235.028	145.13	196.902
827	234.971	145.1	196.765
828	234.914	145.07	196.629
829	234.857	145.04	196.494
830	234.801	145.01	196.358
831	234.744	144.979	196.223
832	234.687	144.949	196.088
833	234.639	144.921	195.957
834	234.697	144.904	196.177
835	234.77	144.889	196.454
836	234.842	144.878	196.724
837	234.912	144.871	196.977
838	234.973	144.866	197.201
839	235.02	144.865	197.395
840	235.065	144.867	197.578
841	235.107	144.871	197.74
842	235.145	144.877	197.886
843	235.185	144.886	198.026
844	235.228	144.898	198.164
845	235.267	144.913	198.3
846	235.315	144.927	198.445
847	235.367	144.94	198.597
848	235.415	144.953	198.744
849	235.451	144.965	198.868
850	235.489	144.977	199.001
851	235.521	144.991	199.117
852	235.535	145.005	199.159
853	235.527	145.023	199.103
854	235.52	145.036	199.048
855	235.485	145.077	198.865
856	235.45	145.118	198.682
857	235.414	145.158	198.5
858	235.379	145.199	198.319
859	235.344	145.239	198.139
860	235.308	145.279	197.959
861	235.273	145.318	197.78
862	235.238	145.358	197.602
863	235.203	145.398	197.425
864	235.167	145.437	197.248
865	235.132	145.476	197.072
866	235.097	145.515	196.897
867	235.062	145.553	196.723
868	235.027	145.592	196.549
869	234.992	145.63	196.376

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010178

870	234.957	145.668	196.204
871	234.922	145.706	196.032
872	234.972	145.715	196.228
873	235.022	145.729	196.421
874	235.069	145.743	196.612
875	235.113	145.755	196.789
876	235.155	145.766	196.961
877	235.2	145.775	197.137
878	235.25	145.785	197.324
879	235.308	145.795	197.522
880	235.37	145.804	197.729
881	235.435	145.811	197.946
882	235.503	145.817	198.187
883	235.564	145.819	198.407
884	235.616	145.82	198.591
885	235.66	145.818	198.751
886	235.696	145.815	198.89
887	235.729	145.81	199.017
888	235.758	145.805	199.132
889	235.742	145.799	199.062
890	235.72	145.794	198.962
891	235.699	145.789	198.867
892	235.678	145.783	198.773
893	235.657	145.778	198.683
894	235.637	145.772	198.592
895	235.617	145.767	198.502
896	235.596	145.761	198.412
897	235.576	145.755	198.323
898	235.556	145.75	198.233
899	235.535	145.744	198.144
900	235.515	145.738	198.055
901	235.495	145.732	197.967
902	235.474	145.726	197.878
903	235.454	145.72	197.79
904	235.434	145.714	197.703
905	235.413	145.708	197.615
906	235.393	145.702	197.528
907	235.372	145.695	197.438
908	235.351	145.689	197.347
909	235.328	145.683	197.251
910	235.305	145.676	197.15
911	235.28	145.67	197.046
912	235.256	145.664	196.942
913	235.231	145.657	196.836
914	235.205	145.651	196.727
915	235.179	145.644	196.617
916	235.153	145.638	196.506
917	235.125	145.631	196.392
918	235.098	145.625	196.277
919	235.071	145.618	196.163
920	235.043	145.611	196.049
921	235.016	145.604	195.936
922	234.989	145.597	195.823
923	234.962	145.59	195.71
924	234.934	145.583	195.597

925	234.907	145.576	195.485
926	234.88	145.569	195.373
927	234.853	145.561	195.262
928	234.825	145.554	195.151
929	234.781	145.537	195.014
930	234.732	145.517	194.871
931	234.68	145.496	194.722
932	234.623	145.472	194.567
933	234.562	145.445	194.407
934	234.586	145.436	194.516
935	234.608	145.424	194.621
936	234.626	145.412	194.713
937	234.642	145.399	194.795
938	234.656	145.385	194.865
939	234.671	145.37	194.936
940	234.689	145.353	195.006
941	234.708	145.335	195.076
942	234.728	145.317	195.148
943	234.747	145.297	195.221
944	234.766	145.276	195.295
945	234.785	145.254	195.37
946	234.779	145.232	195.341
947	234.852	145.221	195.61
948	234.92	145.213	195.856
949	234.974	145.209	196.069
950	235.02	145.207	196.261
951	235.064	145.208	196.44
952	235.104	145.211	196.597
953	235.142	145.217	196.742
954	235.184	145.227	196.885
955	235.225	145.238	197.027
956	235.266	145.253	197.168
957	235.32	145.265	197.325
958	235.372	145.276	197.483
959	235.414	145.287	197.623
960	235.451	145.298	197.755
961	235.487	145.31	197.888
962	235.516	145.322	197.998
963	235.517	145.337	197.984
964	235.51	145.352	197.931
965	235.504	145.362	197.882
966	235.468	145.401	197.703
967	235.433	145.441	197.526
968	235.398	145.48	197.349
969	235.363	145.519	197.173
970	235.327	145.558	196.998
971	235.292	145.597	196.823
972	235.257	145.636	196.649
973	235.222	145.674	196.476
974	235.187	145.712	196.303
975	235.152	145.75	196.132
976	235.117	145.788	195.961
977	235.082	145.826	195.79
978	235.047	145.863	195.621
979	235.012	145.901	195.452

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870

010130

980	234.977	145.938	195.284
981	234.942	145.975	195.116
982	234.907	146.012	194.949
983	234.957	146.022	195.146
984	235.006	146.037	195.343
985	235.052	146.049	195.53
986	235.094	146.059	195.707
987	235.137	146.067	195.883
988	235.184	146.076	196.067
989	235.238	146.084	196.264
990	235.299	146.093	196.471
991	235.363	146.1	196.686
992	235.43	146.105	196.918
993	235.496	146.107	197.163
994	235.553	146.107	197.368
995	235.601	146.105	197.543
996	235.64	146.101	197.694
997	235.673	146.095	197.828
998	235.703	146.088	197.947
999	235.728	146.08	198.055
1000	235.749	146.071	198.152
1001	235.768	146.06	198.24
1002	235.785	146.049	198.318
1003	235.799	146.037	198.386
1004	235.813	146.024	198.448
1005	235.828	146.01	198.511
1006	235.802	145.998	198.394
1007	235.775	145.985	198.276
1008	235.748	145.972	198.155
1009	235.72	145.96	198.031
1010	235.692	145.947	197.904
1011	235.663	145.934	197.776
1012	235.591	145.905	197.614
1013	235.543	145.886	197.476
1014	235.505	145.873	197.348
1015	235.467	145.86	197.221
1016	235.429	145.846	197.095
1017	235.391	145.833	196.969
1018	235.349	145.817	196.838
1019	235.298	145.797	196.699
1020	235.238	145.773	196.552
1021	235.18	145.749	196.408
1022	235.118	145.723	196.259
1023	235.046	145.693	196.101
1024	234.972	145.661	195.941
1025	234.988	145.645	196.006
1026	235.007	145.628	196.074
1027	235.026	145.61	196.143
1028	235.045	145.591	196.214
1029	235.064	145.57	196.286
1030	235.083	145.549	196.359
1031	235.102	145.527	196.432
1032	235.121	145.503	196.507
1033	235.14	145.479	196.582
1034	235.152	145.454	196.627

1035	235.225	145.44	196.903
1036	235.297	145.429	197.173
1037	235.288	145.421	197.091
1038	235.22	145.392	196.936
1039	235.152	145.362	196.782
1040	235.084	145.333	196.628
1041	235.016	145.303	196.474
1042	234.99	145.287	196.349
1043	234.964	145.271	196.223
1044	234.938	145.255	196.099
1045	234.912	145.239	195.974
1046	234.886	145.222	195.849
1047	234.861	145.206	195.725
1048	234.835	145.189	195.601
1049	234.864	145.182	195.683
1050	234.922	145.176	195.905
1051	234.969	145.174	196.101
1052	235.014	145.174	196.286
1053	235.055	145.177	196.448
1054	235.094	145.182	196.596
1055	235.134	145.191	196.74
1056	235.176	145.202	196.882
1057	235.215	145.216	197.022
1058	235.266	145.228	197.175
1059	235.318	145.24	197.333
1060	235.363	145.25	197.479
1061	235.399	145.261	197.609
1062	235.438	145.273	197.748
1063	235.469	145.285	197.863
1064	235.476	145.299	197.878
1065	235.468	145.315	197.826
1066	235.462	145.326	197.775
1067	235.426	145.366	197.597
1068	235.391	145.405	197.42
1069	235.356	145.445	197.243
1070	235.321	145.484	197.068
1071	235.285	145.523	196.892
1072	235.25	145.561	196.718
1073	235.215	145.6	196.544
1074	235.18	145.638	196.371
1075	235.145	145.676	196.199
1076	235.11	145.714	196.028
1077	235.075	145.752	195.857
1078	235.04	145.79	195.687
1079	235.005	145.827	195.517
1080	234.97	145.865	195.349
1081	234.935	145.902	195.181
1082	234.9	145.939	195.013
1083	234.865	145.975	194.847
1084	234.915	145.985	195.045
1085	234.964	145.999	195.241
1086	235.011	146.011	195.432
1087	235.054	146.022	195.609
1088	235.096	146.031	195.785
1089	235.142	146.039	195.967

010181

1090	235.194	146.048	196.161
1091	235.254	146.057	196.366
1092	235.317	146.064	196.579
1093	235.383	146.069	196.805
1094	235.452	146.072	197.057
1095	235.511	146.073	197.272
1096	235.56	146.071	197.453
1097	235.601	146.068	197.609
1098	235.636	146.062	197.747
1099	235.667	146.056	197.87
1100	235.693	146.048	197.981
1101	235.716	146.039	198.083
1102	235.736	146.029	198.175
1103	235.753	146.018	198.256
1104	235.768	146.006	198.327
1105	235.782	145.993	198.389
1106	235.797	145.98	198.452
1107	235.814	145.965	198.514
1108	235.833	145.949	198.577
1109	235.852	145.932	198.641
1110	235.871	145.914	198.706
1111	235.889	145.894	198.772
1112	235.908	145.874	198.84
1113	235.881	145.856	198.709
1114	235.854	145.837	198.578
1115	235.827	145.818	198.447
1116	235.786	145.795	198.309
1117	235.739	145.771	198.168
1118	235.686	145.745	198.024
1119	235.663	145.725	197.912
1120	235.681	145.703	197.983
1121	235.7	145.681	198.054
1122	235.718	145.657	198.126
1123	235.736	145.633	198.197
1124	235.715	145.609	198.099
1125	235.697	145.593	197.99
1126	235.68	145.576	197.885
1127	235.663	145.56	197.781
1128	235.646	145.544	197.677
1129	235.63	145.528	197.574
1130	235.613	145.512	197.471
1131	235.596	145.495	197.368
1132	235.579	145.479	197.265
1133	235.562	145.463	197.163
1134	235.545	145.446	197.06
1135	235.528	145.43	196.959
1136	235.511	145.413	196.857
1137	235.494	145.397	196.755
1138	235.477	145.38	196.654
1139	235.46	145.364	196.553
1140	235.443	145.347	196.452
1141	235.426	145.331	196.352
1142	235.409	145.314	196.252
1143	235.393	145.297	196.152
1144	235.376	145.281	196.052

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1145	235.359	145.264	195.953
1146	235.342	145.247	195.853
1147	235.325	145.23	195.753
1148	235.308	145.214	195.655
1149	235.291	145.197	195.556
1150	235.274	145.18	195.458
1151	235.257	145.163	195.36
1152	235.24	145.146	195.262
1153	235.223	145.129	195.163
1154	235.205	145.112	195.064
1155	235.188	145.095	194.965
1156	235.17	145.078	194.865
1157	235.153	145.061	194.766
1158	235.135	145.044	194.666
1159	235.117	145.027	194.567
1160	235.1	145.01	194.468
1161	235.082	144.993	194.369
1162	235.064	144.976	194.271
1163	235.047	144.958	194.172
1164	235.029	144.941	194.074
1165	235.011	144.924	193.977
1166	234.994	144.907	193.879
1167	234.976	144.889	193.782
1168	234.958	144.872	193.685
1169	234.941	144.855	193.588
1170	234.923	144.837	193.491
1171	234.906	144.82	193.395
1172	234.888	144.802	193.299
1173	234.915	144.784	193.393
1174	234.987	144.767	193.676
1175	235.06	144.753	193.956
1176	235.131	144.742	194.23
1177	235.2	144.733	194.484
1178	235.261	144.728	194.714
1179	235.308	144.726	194.914
1180	235.353	144.725	195.106
1181	235.396	144.727	195.284
1182	235.383	144.73	195.223
1183	235.364	144.733	195.139
1184	235.345	144.737	195.056
1185	235.327	144.74	194.973
1186	235.308	144.743	194.89
1187	235.289	144.745	194.808
1188	235.27	144.748	194.724
1189	235.251	144.751	194.64
1190	235.232	144.754	194.556
1191	235.213	144.756	194.472
1192	235.194	144.759	194.388
1193	235.175	144.761	194.305
1194	235.156	144.763	194.223
1195	235.137	144.766	194.141
1196	235.118	144.768	194.059
1197	235.099	144.77	193.977
1198	235.08	144.772	193.896
1199	235.061	144.774	193.815

010183

1200	235.042	144.776	193.734
1201	235.023	144.778	193.654
1202	235.004	144.779	193.574
1203	234.986	144.781	193.494
1204	234.967	144.783	193.414
1205	234.948	144.784	193.333
1206	234.925	144.784	193.247
1207	234.892	144.776	193.141
1208	234.848	144.762	193.015
1209	234.793	144.74	192.869
1210	234.793	144.742	192.87
1211	234.832	144.744	193.029
1212	234.871	144.75	193.18
1213	234.914	144.759	193.332
1214	234.953	144.771	193.481
1215	235.002	144.782	193.64
1216	235.054	144.792	193.806
1217	235.101	144.801	193.964
1218	235.137	144.81	194.101
1219	235.175	144.819	194.246
1220	235.206	144.83	194.371
1221	235.217	144.842	194.409
1222	235.209	144.857	194.365
1223	235.203	144.867	194.321
1224	235.167	144.905	194.153
1225	235.132	144.942	193.986
1226	235.097	144.98	193.819
1227	235.061	145.017	193.653
1228	235.026	145.054	193.488
1229	234.991	145.091	193.324
1230	234.956	145.127	193.16
1231	234.92	145.164	192.997
1232	234.885	145.2	192.835
1233	234.85	145.236	192.673
1234	234.815	145.272	192.512
1235	234.78	145.308	192.351
1236	234.745	145.344	192.192
1237	234.71	145.379	192.033
1238	234.675	145.414	191.874
1239	234.64	145.449	191.717
1240	234.605	145.484	191.56
1241	234.655	145.492	191.762
1242	234.704	145.504	191.964
1243	234.751	145.515	192.162
1244	234.794	145.524	192.346
1245	234.837	145.532	192.528
1246	234.882	145.539	192.715
1247	234.933	145.546	192.914
1248	234.991	145.553	193.124
1249	235.054	145.559	193.342
1250	235.119	145.563	193.572
1251	235.187	145.566	193.827
1252	235.247	145.565	194.054
1253	235.298	145.563	194.245
1254	235.34	145.558	194.412

010184

1255	235.376	145.552	194.558
1256	235.406	145.544	194.69
1257	235.433	145.535	194.81
1258	235.457	145.525	194.921
1259	235.477	145.515	195.022
1260	235.495	145.503	195.114
1261	235.511	145.491	195.197
1262	235.525	145.478	195.273
1263	235.538	145.464	195.342
1264	235.553	145.45	195.411
1265	235.568	145.435	195.48
1266	235.585	145.419	195.549
1267	235.603	145.403	195.618
1268	235.622	145.386	195.687
1269	235.64	145.369	195.757
1270	235.659	145.351	195.827
1271	235.677	145.332	195.899
1272	235.695	145.312	195.971
1273	235.714	145.292	196.044
1274	235.732	145.27	196.117
1275	235.75	145.248	196.192
1276	235.768	145.226	196.266
1277	235.786	145.202	196.341
1278	235.803	145.178	196.416
1279	235.821	145.153	196.49
1280	235.793	145.13	196.369
1281	235.766	145.107	196.249
1282	235.738	145.084	196.128
1283	235.71	145.061	196.008
1284	235.682	145.037	195.888
1285	235.655	145.014	195.768
1286	235.627	144.991	195.648
1287	235.599	144.967	195.528
1288	235.502	144.93	195.38
1289	235.467	144.909	195.264
1290	235.447	144.893	195.157
1291	235.428	144.877	195.052
1292	235.41	144.861	194.95
1293	235.392	144.845	194.851
1294	235.375	144.828	194.754
1295	235.357	144.812	194.654
1296	235.338	144.796	194.552
1297	235.319	144.78	194.447
1298	235.299	144.763	194.342
1299	235.226	144.732	194.209
1300	235.168	144.701	194.079
1301	235.156	144.685	194.005
1302	235.228	144.668	194.287
1303	235.3	144.655	194.566
1304	235.371	144.645	194.837
1305	235.439	144.638	195.084
1306	235.493	144.635	195.301
1307	235.513	144.634	195.385
1308	235.464	144.617	195.244
1309	235.417	144.601	195.107

010135

1310	235.374	144.587	194.974
1311	235.333	144.574	194.844
1312	235.295	144.562	194.718
1313	235.264	144.553	194.603
1314	235.234	144.545	194.488
1315	235.203	144.536	194.374
1316	235.173	144.527	194.26
1317	235.142	144.518	194.146
1318	235.111	144.509	194.032
1319	235.081	144.5	193.918
1320	235.05	144.491	193.805
1321	235.02	144.482	193.692
1322	234.989	144.473	193.58
1323	234.959	144.464	193.467
1324	234.928	144.454	193.356
1325	234.898	144.445	193.245
1326	234.868	144.435	193.135
1327	234.838	144.426	193.027
1328	234.808	144.416	192.917
1329	234.839	144.416	193.053
1330	234.88	144.417	193.226
1331	234.919	144.421	193.382
1332	234.958	144.428	193.532
1333	235.001	144.439	193.681
1334	235.039	144.451	193.828
1335	235.088	144.463	193.985
1336	235.14	144.473	194.149
1337	235.187	144.483	194.306
1338	235.223	144.493	194.441
1339	235.261	144.503	194.584
1340	235.293	144.514	194.708
1341	235.304	144.527	194.75
1342	235.297	144.543	194.703
1343	235.29	144.554	194.658
1344	235.254	144.592	194.488
1345	235.219	144.63	194.318
1346	235.183	144.668	194.15
1347	235.148	144.706	193.982
1348	235.112	144.744	193.814
1349	235.077	144.781	193.648
1350	235.042	144.818	193.482
1351	235.006	144.855	193.317
1352	234.971	144.892	193.152
1353	234.936	144.929	192.988
1354	234.9	144.966	192.825
1355	234.865	145.002	192.663
1356	234.83	145.038	192.501
1357	234.795	145.074	192.34
1358	234.76	145.11	192.179
1359	234.725	145.146	192.019
1360	234.689	145.182	191.86
1361	234.739	145.189	192.061
1362	234.789	145.201	192.261
1363	234.836	145.214	192.458
1364	234.879	145.223	192.642

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1365	234.921	145.232	192.822
1366	234.966	145.239	193.007
1367	235.017	145.247	193.204
1368	235.075	145.255	193.412
1369	235.138	145.262	193.628
1370	235.203	145.266	193.856
1371	235.27	145.27	194.109
1372	235.331	145.27	194.334
1373	235.381	145.269	194.524
1374	235.423	145.265	194.689
1375	235.458	145.259	194.834
1376	235.489	145.252	194.964
1377	235.515	145.244	195.081
1378	235.537	145.235	195.188
1379	235.556	145.225	195.284
1380	235.573	145.214	195.369
1381	235.587	145.201	195.442
1382	235.6	145.188	195.51
1383	235.616	145.174	195.578
1384	235.634	145.158	195.646
1385	235.653	145.141	195.715
1386	235.671	145.123	195.786
1387	235.689	145.103	195.858
1388	235.707	145.083	195.931
1389	235.725	145.062	196.005
1390	235.743	145.04	196.08
1391	235.76	145.017	196.154
1392	235.778	144.993	196.229
1393	235.795	144.968	196.303
1394	235.707	144.932	196.156
1395	235.635	144.9	196.016
1396	235.58	144.871	195.883
1397	235.54	144.846	195.756
1398	235.512	144.823	195.634
1399	235.484	144.8	195.513
1400	235.456	144.777	195.392
1401	235.428	144.754	195.271
1402	235.4	144.731	195.151
1403	235.372	144.708	195.031
1404	235.343	144.685	194.911
1405	235.315	144.662	194.791
1406	235.287	144.639	194.672
1407	235.259	144.616	194.553
1408	235.231	144.593	194.434
1409	235.203	144.57	194.316
1410	235.175	144.546	194.197
1411	235.147	144.523	194.079
1412	235.119	144.5	193.962
1413	235.091	144.476	193.844
1414	235.063	144.453	193.727
1415	235.035	144.43	193.611
1416	235.007	144.406	193.494
1417	234.979	144.383	193.378
1418	234.951	144.359	193.262
1419	234.923	144.336	193.146

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1420	234.895	144.312	193.031
1421	234.867	144.289	192.915
1422	234.839	144.265	192.801
1423	234.811	144.242	192.686
1424	234.783	144.218	192.572
1425	234.755	144.194	192.457
1426	234.727	144.171	192.344
1427	234.699	144.147	192.23
1428	234.671	144.123	192.117
1429	234.643	144.099	192.004
1430	234.615	144.076	191.891
1431	234.587	144.052	191.779
1432	234.559	144.028	191.666
1433	234.531	144.004	191.554
1434	234.503	143.98	191.443
1435	234.475	143.956	191.332
1436	234.448	143.932	191.223
1437	234.421	143.908	191.116
1438	234.394	143.884	191.013
1439	234.369	143.86	190.913
1440	234.344	143.836	190.818
1441	234.321	143.812	190.727
1442	234.297	143.787	190.636
1443	234.274	143.763	190.545
1444	234.25	143.739	190.455
1445	234.226	143.714	190.361
1446	234.2	143.69	190.264
1447	234.175	143.666	190.164
1448	234.148	143.642	190.062
1449	234.121	143.618	189.958
1450	234.094	143.594	189.852
1451	234.066	143.569	189.745
1452	234.061	143.553	189.712
1453	234.133	143.536	190
1454	234.205	143.522	190.283
1455	234.275	143.512	190.558
1456	234.342	143.505	190.808
1457	234.394	143.501	191.026
1458	234.44	143.5	191.226
1459	234.482	143.502	191.411
1460	234.521	143.505	191.575
1461	234.559	143.511	191.728
1462	234.6	143.52	191.88
1463	234.64	143.532	192.03
1464	234.682	143.545	192.181
1465	234.735	143.556	192.346
1466	234.786	143.567	192.513
1467	234.827	143.577	192.659
1468	234.864	143.587	192.8
1469	234.899	143.598	192.938
1470	234.927	143.609	193.051
1471	234.926	143.623	193.037
1472	234.918	143.636	192.993
1473	234.913	143.644	192.95
1474	234.877	143.682	192.783

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1475	234.841	143.72	192.616
1476	234.805	143.758	192.45
1477	234.77	143.796	192.285
1478	234.734	143.833	192.12
1479	234.699	143.871	191.956
1480	234.663	143.908	191.793
1481	234.627	143.945	191.631
1482	234.592	143.981	191.469
1483	234.556	144.018	191.307
1484	234.521	144.054	191.147
1485	234.485	144.091	190.987
1486	234.45	144.127	190.828
1487	234.415	144.163	190.669
1488	234.379	144.198	190.511
1489	234.344	144.234	190.354
1490	234.309	144.269	190.198
1491	234.358	144.279	190.399
1492	234.407	144.292	190.6
1493	234.452	144.303	190.792
1494	234.494	144.312	190.975
1495	234.536	144.32	191.156
1496	234.583	144.328	191.348
1497	234.637	144.336	191.551
1498	234.698	144.344	191.765
1499	234.762	144.35	191.987
1500	234.828	144.354	192.227
1501	234.893	144.356	192.476
1502	234.949	144.356	192.685
1503	234.995	144.354	192.865
1504	235.033	144.35	193.022
1505	235.065	144.345	193.161
1506	235.094	144.338	193.287
1507	235.118	144.33	193.401
1508	235.138	144.321	193.505
1509	235.156	144.311	193.599
1510	235.171	144.3	193.681
1511	235.184	144.288	193.753
1512	235.197	144.276	193.823
1513	235.213	144.262	193.892
1514	235.231	144.247	193.962
1515	235.248	144.231	194.033
1516	235.266	144.214	194.105
1517	235.284	144.197	194.178
1518	235.301	144.178	194.252
1519	235.319	144.158	194.327
1520	235.336	144.138	194.403
1521	235.353	144.116	194.479
1522	235.37	144.095	194.554
1523	235.387	144.072	194.63
1524	235.404	144.049	194.706
1525	235.377	144.028	194.592
1526	235.35	144.006	194.479
1527	235.322	143.985	194.366
1528	235.295	143.963	194.254
1529	235.268	143.942	194.142

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1530	235.241	143.92	194.03
1531	235.214	143.899	193.919
1532	235.187	143.877	193.808
1533	235.16	143.855	193.696
1534	235.133	143.834	193.585
1535	235.106	143.812	193.474
1536	235.078	143.79	193.363
1537	235.051	143.769	193.253
1538	235.024	143.747	193.143
1539	234.997	143.725	193.033
1540	234.97	143.703	192.923
1541	234.971	143.689	192.911
1542	235.042	143.675	193.192
1543	235.113	143.664	193.468
1544	235.183	143.656	193.731
1545	235.247	143.653	193.969
1546	235.295	143.652	194.172
1547	235.34	143.654	194.361
1548	235.381	143.658	194.534
1549	235.419	143.664	194.687
1550	235.456	143.673	194.83
1551	235.498	143.685	194.973
1552	235.537	143.699	195.115
1553	235.581	143.714	195.261
1554	235.634	143.727	195.418
1555	235.684	143.74	195.575
1556	235.721	143.752	195.709
1557	235.758	143.764	195.844
1558	235.792	143.777	195.969
1559	235.813	143.79	196.044
1560	235.804	143.807	195.994
1561	235.797	143.82	195.942
1562	235.761	143.861	195.765
1563	235.725	143.901	195.589
1564	235.689	143.941	195.414
1565	235.653	143.981	195.239
1566	235.617	144.02	195.065
1567	235.581	144.06	194.892
1568	235.545	144.099	194.719
1569	235.51	144.138	194.547
1570	235.474	144.177	194.376
1571	235.438	144.215	194.206
1572	235.402	144.254	194.036
1573	235.367	144.292	193.867
1574	235.331	144.33	193.699
1575	235.295	144.368	193.531
1576	235.26	144.406	193.364
1577	235.224	144.444	193.198
1578	235.189	144.481	193.032
1579	235.24	144.489	193.231
1580	235.289	144.501	193.427
1581	235.338	144.515	193.624
1582	235.382	144.527	193.807
1583	235.424	144.538	193.983
1584	235.467	144.547	194.16

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1585	235.515	144.557	194.347
1586	235.571	144.567	194.547
1587	235.632	144.577	194.756
1588	235.696	144.584	194.972
1589	235.763	144.59	195.211
1590	235.825	144.594	195.443
1591	235.878	144.595	195.635
1592	235.921	144.594	195.801
1593	235.957	144.591	195.944
1594	235.987	144.587	196.072
1595	236.014	144.582	196.185
1596	236.036	144.576	196.289
1597	236.055	144.568	196.382
1598	236.071	144.56	196.464
1599	236.084	144.551	196.535
1600	236.011	144.524	196.368
1601	235.938	144.497	196.202
1602	235.865	144.47	196.036
1603	235.791	144.443	195.871
1604	235.718	144.416	195.706
1605	235.645	144.388	195.541
1606	235.572	144.361	195.377
1607	235.499	144.334	195.213
1608	235.426	144.306	195.05
1609	235.353	144.279	194.887
1610	235.28	144.251	194.725
1611	235.207	144.223	194.563
1612	235.134	144.195	194.402
1613	235.061	144.167	194.241
1614	234.988	144.139	194.08
1615	234.915	144.111	193.92
1616	234.843	144.083	193.76
1617	234.769	144.054	193.6
1618	234.701	144.029	193.447
1619	234.627	144	193.287
1620	234.561	143.974	193.135
1621	234.504	143.953	192.992
1622	234.5	143.941	192.993
1623	234.514	143.928	193.064
1624	234.531	143.914	193.134
1625	234.549	143.899	193.205
1626	234.567	143.883	193.277
1627	234.585	143.865	193.35
1628	234.603	143.847	193.425
1629	234.621	143.828	193.5
1630	234.639	143.809	193.576
1631	234.656	143.788	193.652
1632	234.674	143.767	193.729
1633	234.691	143.745	193.806
1634	234.708	143.722	193.883
1635	234.725	143.699	193.959
1636	234.697	143.678	193.843
1637	234.704	143.664	193.847
1638	234.775	143.65	194.126
1639	234.846	143.64	194.4

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1640	234.916	143.634	194.659
1641	234.979	143.63	194.892
1642	235.025	143.63	195.089
1643	235.006	143.633	195.006
1644	234.976	143.626	194.893
1645	234.947	143.62	194.782
1646	234.918	143.613	194.673
1647	234.889	143.607	194.565
1648	234.862	143.6	194.463
1649	234.834	143.593	194.362
1650	234.807	143.586	194.263
1651	234.781	143.579	194.164
1652	234.754	143.572	194.066
1653	234.727	143.564	193.966
1654	234.7	143.557	193.865
1655	234.672	143.55	193.766
1656	234.645	143.542	193.666
1657	234.618	143.535	193.567
1658	234.591	143.527	193.468
1659	234.563	143.52	193.369
1660	234.536	143.512	193.271
1661	234.509	143.505	193.173
1662	234.482	143.497	193.075
1663	234.455	143.489	192.976
1664	234.427	143.481	192.876
1665	234.407	143.482	192.797
1666	234.451	143.484	192.982
1667	234.489	143.488	193.142
1668	234.527	143.496	193.291
1669	234.568	143.506	193.438
1670	234.608	143.519	193.584
1671	234.652	143.533	193.732
1672	234.705	143.545	193.893
1673	234.755	143.557	194.054
1674	234.792	143.567	194.191
1675	234.829	143.579	194.329
1676	234.863	143.591	194.458
1677	234.883	143.604	194.53
1678	234.874	143.619	194.483
1679	234.867	143.632	194.435
1680	234.831	143.671	194.262
1681	234.796	143.71	194.091
1682	234.76	143.749	193.92
1683	234.724	143.788	193.749
1684	234.689	143.826	193.58
1685	234.653	143.864	193.411
1686	234.618	143.902	193.243
1687	234.582	143.94	193.075
1688	234.547	143.978	192.908
1689	234.511	144.016	192.742
1690	234.476	144.053	192.577
1691	234.44	144.09	192.412
1692	234.405	144.128	192.248
1693	234.37	144.164	192.085
1694	234.334	144.201	191.922

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1695	234.299	144.238	191.76
1696	234.264	144.274	191.599
1697	234.314	144.281	191.798
1698	234.363	144.293	191.996
1699	234.412	144.307	192.195
1700	234.456	144.318	192.38
1701	234.498	144.327	192.558
1702	234.541	144.336	192.738
1703	234.59	144.345	192.929
1704	234.646	144.354	193.132
1705	234.707	144.363	193.344
1706	234.772	144.369	193.563
1707	234.838	144.374	193.805
1708	234.901	144.377	194.04
1709	234.954	144.377	194.235
1710	234.998	144.375	194.405
1711	235.034	144.372	194.553
1712	235.066	144.367	194.685
1713	235.093	144.361	194.803
1714	235.116	144.354	194.91
1715	235.136	144.346	195.008
1716	235.152	144.336	195.092
1717	235.121	144.329	194.974
1718	235.09	144.321	194.857
1719	235.06	144.313	194.741
1720	235.03	144.305	194.629
1721	235.001	144.296	194.518
1722	234.972	144.288	194.409
1723	234.943	144.28	194.301
1724	234.913	144.271	194.192
1725	234.884	144.263	194.082
1726	234.855	144.254	193.973
1727	234.825	144.245	193.865
1728	234.796	144.237	193.756
1729	234.767	144.228	193.648
1730	234.737	144.219	193.54
1731	234.708	144.21	193.431
1732	234.678	144.201	193.321
1733	234.648	144.192	193.211
1734	234.618	144.183	193.102
1735	234.588	144.174	192.993
1736	234.558	144.165	192.883
1737	234.528	144.155	192.774
1738	234.498	144.146	192.663
1739	234.467	144.137	192.553
1740	234.437	144.127	192.443
1741	234.406	144.118	192.333
1742	234.376	144.108	192.224
1743	234.346	144.098	192.115
1744	234.355	144.098	192.157
1745	234.397	144.099	192.337
1746	234.436	144.102	192.497
1747	234.474	144.108	192.648
1748	234.517	144.117	192.799
1749	234.556	144.129	192.948

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1750	234.602	144.141	193.103
1751	234.655	144.152	193.268
1752	234.704	144.162	193.431
1753	234.742	144.171	193.569
1754	234.779	144.181	193.712
1755	234.813	144.192	193.843
1756	234.831	144.204	193.914
1757	234.823	144.218	193.87
1758	234.816	144.23	193.825
1759	234.781	144.268	193.657
1760	234.745	144.306	193.489
1761	234.71	144.344	193.322
1762	234.674	144.381	193.156
1763	234.639	144.418	192.991
1764	234.604	144.456	192.826
1765	234.568	144.493	192.661
1766	234.533	144.529	192.498
1767	234.498	144.566	192.335
1768	234.463	144.602	192.173
1769	234.427	144.639	192.011
1770	234.392	144.675	191.851
1771	234.357	144.711	191.69
1772	234.322	144.747	191.531
1773	234.287	144.782	191.372
1774	234.252	144.818	191.214
1775	234.217	144.853	191.056
1776	234.268	144.859	191.259
1777	234.317	144.87	191.46
1778	234.365	144.883	191.661
1779	234.409	144.893	191.848
1780	234.451	144.901	192.03
1781	234.495	144.909	192.213
1782	234.544	144.917	192.408
1783	234.601	144.924	192.614
1784	234.663	144.932	192.83
1785	234.727	144.936	193.053
1786	234.794	144.94	193.3
1787	234.857	144.941	193.537
1788	234.91	144.94	193.735
1789	234.955	144.937	193.909
1790	234.992	144.932	194.061
1791	235.025	144.926	194.199
1792	235.053	144.918	194.323
1793	235.078	144.91	194.437
1794	235.099	144.9	194.541
1795	235.118	144.89	194.636
1796	235.134	144.879	194.721
1797	235.148	144.867	194.795
1798	235.162	144.854	194.864
1799	235.177	144.84	194.933
1800	235.195	144.825	195.001
1801	235.213	144.808	195.07
1802	235.231	144.791	195.14
1803	235.25	144.774	195.211
1804	235.268	144.755	195.283

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1805	235.286	144.736	195.355
1806	235.304	144.717	195.428
1807	235.322	144.697	195.501
1808	235.34	144.676	195.574
1809	235.322	144.665	195.466
1810	235.393	144.655	195.733
1811	235.46	144.65	195.974
1812	235.51	144.648	196.179
1813	235.555	144.649	196.367
1814	235.597	144.652	196.537
1815	235.636	144.657	196.688
1816	235.674	144.666	196.83
1817	235.716	144.677	196.971
1818	235.755	144.691	197.11
1819	235.8	144.706	197.254
1820	235.853	144.719	197.409
1821	235.903	144.731	197.563
1822	235.941	144.743	197.694
1823	235.978	144.755	197.827
1824	236.012	144.768	197.951
1825	236.033	144.782	198.023
1826	236.024	144.798	197.97
1827	236.017	144.812	197.916
1828	235.981	144.853	197.736
1829	235.946	144.893	197.556
1830	235.91	144.933	197.378
1831	235.874	144.973	197.2
1832	235.839	145.013	197.022
1833	235.803	145.053	196.846
1834	235.768	145.092	196.67
1835	235.732	145.131	196.495
1836	235.697	145.17	196.32
1837	235.661	145.209	196.147
1838	235.626	145.248	195.974
1839	235.59	145.286	195.802
1840	235.555	145.325	195.63
1841	235.52	145.363	195.459
1842	235.484	145.401	195.289
1843	235.449	145.439	195.12
1844	235.414	145.476	194.951
1845	235.465	145.484	195.148
1846	235.514	145.496	195.343
1847	235.563	145.511	195.539
1848	235.607	145.523	195.72
1849	235.65	145.534	195.895
1850	235.693	145.543	196.07
1851	235.742	145.553	196.256
1852	235.798	145.562	196.454
1853	235.859	145.572	196.662
1854	235.924	145.578	196.876
1855	235.99	145.584	197.114
1856	236.053	145.587	197.344
1857	236.107	145.588	197.535
1858	236.151	145.587	197.7
1859	236.187	145.584	197.843

010195

886

1860	236.219	145.579	197.97
1861	236.247	145.573	198.085
1862	236.271	145.566	198.189
1863	236.291	145.558	198.284
1864	236.309	145.55	198.369
1865	236.325	145.54	198.445
1866	236.339	145.53	198.512
1867	236.352	145.518	198.572
1868	236.366	145.506	198.633
1869	236.382	145.494	198.693
1870	236.399	145.48	198.754
1871	236.417	145.465	198.815
1872	236.435	145.45	198.877
1873	236.453	145.434	198.939
1874	236.471	145.417	199.003
1875	236.489	145.399	199.068
1876	236.506	145.381	199.133
1877	236.524	145.362	199.199
1878	236.541	145.342	199.266
1879	236.558	145.322	199.333
1880	236.576	145.301	199.399
1881	236.593	145.28	199.466
1882	236.61	145.258	199.533
1883	236.626	145.236	199.6
1884	236.643	145.214	199.667
1885	236.62	145.193	199.56
1886	236.597	145.172	199.454
1887	236.574	145.151	199.348
1888	236.551	145.13	199.244
1889	236.542	145.117	199.175
1890	236.613	145.104	199.447
1891	236.684	145.094	199.714
1892	236.754	145.088	199.965
1893	236.816	145.086	200.189
1894	236.862	145.088	200.377
1895	236.907	145.092	200.554
1896	236.947	145.098	200.711
1897	236.985	145.106	200.85
1898	237.024	145.118	200.981
1899	237.066	145.133	201.112
1900	237.104	145.15	201.24
1901	237.151	145.166	201.377
1902	237.204	145.182	201.522
1903	237.251	145.196	201.662
1904	237.287	145.21	201.779
1905	237.324	145.225	201.905
1906	237.356	145.24	202.016
1907	237.371	145.256	202.055
1908	237.363	145.276	201.992
1909	237.356	145.29	201.93
1910	237.32	145.333	201.738
1911	237.284	145.376	201.547
1912	237.248	145.419	201.356
1913	237.212	145.462	201.166
1914	237.176	145.504	200.977

010196

1915	237.14	145.546	200.789
1916	237.104	145.588	200.601
1917	237.069	145.63	200.414
1918	237.033	145.672	200.228
1919	236.997	145.713	200.043
1920	236.961	145.754	199.859
1921	236.925	145.795	199.675
1922	236.89	145.836	199.492
1923	236.854	145.877	199.31
1924	236.818	145.917	199.129
1925	236.783	145.958	198.948
1926	236.747	145.998	198.768
1927	236.798	146.008	198.96
1928	236.847	146.023	199.149
1929	236.895	146.039	199.336
1930	236.938	146.052	199.507
1931	236.98	146.065	199.674
1932	237.025	146.076	199.844
1933	237.074	146.088	200.025
1934	237.131	146.1	200.217
1935	237.194	146.11	200.417
1936	237.258	146.119	200.627
1937	237.325	146.128	200.86
1938	237.386	146.132	201.077
1939	237.439	146.135	201.257
1940	237.483	146.136	201.414
1941	237.519	146.135	201.55
1942	237.551	146.132	201.672
1943	237.58	146.129	201.782
1944	237.605	146.124	201.882
1945	237.627	146.119	201.974
1946	237.647	146.113	202.059
1947	237.665	146.107	202.137
1948	237.681	146.099	202.207
1949	237.695	146.092	202.27
1950	237.708	146.083	202.326
1951	237.72	146.074	202.378
1952	237.734	146.064	202.43
1953	237.748	146.053	202.482
1954	237.764	146.042	202.533
1955	237.782	146.03	202.585
1956	237.799	146.018	202.637
1957	237.816	146.005	202.69
1958	237.834	145.991	202.744
1959	237.851	145.976	202.799
1960	237.868	145.961	202.854
1961	237.885	145.946	202.91
1962	237.902	145.93	202.966
1963	237.919	145.913	203.023
1964	237.935	145.896	203.081
1965	237.952	145.879	203.138
1966	237.969	145.861	203.196
1967	237.985	145.843	203.255
1968	238.001	145.824	203.313
1969	238.018	145.805	203.372

010197

1970	238.088	145.794	203.636
1971	238.159	145.787	203.895
1972	238.228	145.783	204.14
1973	238.291	145.783	204.359
1974	238.338	145.786	204.542
1975	238.383	145.791	204.712
1976	238.424	145.799	204.864
1977	238.461	145.809	204.996
1978	238.499	145.822	205.118
1979	238.54	145.838	205.24
1980	238.579	145.857	205.36
1981	238.623	145.876	205.484
1982	238.675	145.894	205.619
1983	238.725	145.911	205.755
1984	238.763	145.927	205.868
1985	238.8	145.944	205.983
1986	238.833	145.961	206.09
1987	238.854	145.979	206.147
1988	238.846	145.999	206.076
1989	238.838	146.017	206.006
1990	238.802	146.062	205.802
1991	238.765	146.108	205.599
1992	238.729	146.153	205.397
1993	238.693	146.198	205.196
1994	238.657	146.243	204.996
1995	238.62	146.287	204.796
1996	238.584	146.332	204.598
1997	238.548	146.376	204.4
1998	238.512	146.42	204.203
1999	238.476	146.463	204.007
2000	238.44	146.507	203.812
2001	238.404	146.55	203.617
2002	238.368	146.594	203.423
2003	238.332	146.636	203.23
2004	238.296	146.679	203.038
2005	238.26	146.722	202.847
2006	238.224	146.764	202.656
2007	238.189	146.806	202.467
2008	238.153	146.848	202.278
2009	238.117	146.89	202.089
2010	238.081	146.931	201.902
2011	238.046	146.973	201.715
2012	238.01	147.014	201.53
2013	237.974	147.055	201.344
2014	237.939	147.096	201.16
2015	237.903	147.136	200.977
2016	237.868	147.177	200.794
2017	237.832	147.217	200.612
2018	237.797	147.257	200.431
2019	237.761	147.297	200.25
2020	237.726	147.336	200.07
2021	237.69	147.376	199.891
2022	237.655	147.415	199.713
2023	237.62	147.454	199.535
2024	237.584	147.493	199.359

010198

2025	237.549	147.532	199.182
2026	237.514	147.57	199.007
2027	237.478	147.609	198.833
2028	237.443	147.647	198.659
2029	237.408	147.685	198.485
2030	237.373	147.723	198.313
2031	237.338	147.76	198.141
2032	237.303	147.798	197.97
2033	237.268	147.835	197.8
2034	237.233	147.872	197.63
2035	237.198	147.909	197.461
2036	237.163	147.946	197.293
2037	237.128	147.982	197.126
2038	237.093	148.019	196.959
2039	237.058	148.055	196.793
2040	237.023	148.091	196.627
2041	236.988	148.127	196.462
2042	236.953	148.163	196.298
2043	236.919	148.198	196.135
2044	236.884	148.233	195.972
2045	236.849	148.269	195.81
2046	236.815	148.304	195.649
2047	236.78	148.339	195.488
2048	236.745	148.373	195.328
2049	236.711	148.408	195.168
2050	236.676	148.442	195.01
2051	236.641	148.476	194.852
2052	236.607	148.51	194.694
2053	236.572	148.544	194.537
2054	236.538	148.578	194.381
2055	236.504	148.611	194.226
2056	236.469	148.645	194.071
2057	236.435	148.678	193.917
2058	236.4	148.711	193.763
2059	236.366	148.744	193.61
2060	236.332	148.777	193.458
2061	236.297	148.809	193.306
2062	236.263	148.842	193.155
2063	236.229	148.874	193.005
2064	236.195	148.906	192.855
2065	236.16	148.938	192.705
2066	236.126	148.97	192.557
2067	236.092	149.001	192.409
2068	236.058	149.033	192.262
2069	236.024	149.064	192.115
2070	235.99	149.095	191.969
2071	235.956	149.126	191.823
2072	235.922	149.157	191.678
2073	235.888	149.188	191.534
2074	235.854	149.219	191.39
2075	235.82	149.249	191.247
2076	235.786	149.279	191.104
2077	235.752	149.309	190.962
2078	235.718	149.339	190.821
2079	235.685	149.369	190.68

010199



2080	235.651	149.399	190.54
2081	235.617	149.428	190.4
2082	235.583	149.458	190.261
2083	235.549	149.487	190.122
2084	235.516	149.516	189.985
2085	235.482	149.545	189.847
2086	235.448	149.574	189.71
2087	235.415	149.603	189.574
2088	235.381	149.631	189.438
2089	235.348	149.659	189.303
2090	235.314	149.688	189.169
2091	235.28	149.716	189.035
2092	235.247	149.744	188.901
2093	235.213	149.772	188.768
2094	235.18	149.799	188.636
2095	235.147	149.827	188.504
2096	235.113	149.854	188.373
2097	235.08	149.882	188.242
2098	235.046	149.909	188.112
2099	235.013	149.936	187.982
2100	234.98	149.963	187.853
2101	234.946	149.989	187.724
2102	234.913	150.016	187.596
2103	234.88	150.042	187.468
2104	234.847	150.069	187.341
2105	234.813	150.095	187.215
2106	234.78	150.121	187.089
2107	234.747	150.147	186.963
2108	234.714	150.173	186.838
2109	234.681	150.198	186.714
2110	234.648	150.224	186.59
2111	234.615	150.249	186.466
2112	234.582	150.275	186.343
2113	234.549	150.3	186.221
2114	234.516	150.325	186.099
2115	234.483	150.35	185.978
2116	234.45	150.375	185.857
2117	234.417	150.399	185.736
2118	234.384	150.424	185.616
2119	234.351	150.448	185.497
2120	234.318	150.472	185.378
2121	234.285	150.497	185.259
2122	234.252	150.521	185.141
2123	234.22	150.544	185.024
2124	234.187	150.568	184.907
2125	234.154	150.592	184.79
2126	234.121	150.615	184.674
2127	234.089	150.639	184.558
2128	234.056	150.662	184.443
2129	234.023	150.685	184.328
2130	233.991	150.708	184.214
2131	233.958	150.731	184.1
2132	233.926	150.754	183.987
2133	233.893	150.777	183.874
2134	233.86	150.799	183.762

010200

2135	233.828	150.822	183.65
2136	233.795	150.844	183.539
2137	233.763	150.866	183.428
2138	233.73	150.889	183.317
2139	233.698	150.911	183.207
2140	233.665	150.932	183.097
2141	233.633	150.954	182.988
2142	233.601	150.976	182.879
2143	233.568	150.997	182.771
2144	233.536	151.019	182.663
2145	233.504	151.04	182.556
2146	233.471	151.061	182.449
2147	233.439	151.083	182.342
2148	233.407	151.104	182.236
2149	233.375	151.124	182.13
2150	233.342	151.145	182.025
2151	233.31	151.166	181.92
2152	233.278	151.186	181.816
2153	233.246	151.207	181.712
2154	233.214	151.227	181.608
2155	233.182	151.247	181.505
2156	233.15	151.267	181.402
2157	233.117	151.287	181.3
2158	233.085	151.307	181.198
2159	233.053	151.327	181.097
2160	233.021	151.347	180.996
2161	232.989	151.366	180.895
2162	232.957	151.386	180.795
2163	232.925	151.405	180.695
2164	232.894	151.425	180.595
2165	232.862	151.444	180.496
2166	232.83	151.463	180.398
2167	232.798	151.482	180.299
2168	232.766	151.501	180.202
2169	232.734	151.519	180.104
2170	232.786	151.515	180.341
2171	232.836	151.514	180.58
2172	232.886	151.514	180.823
2173	232.931	151.509	181.055
2174	232.975	151.502	181.282
2175	233.021	151.493	181.512
2176	233.072	151.483	181.754
2177	233.131	151.473	182.009
2178	233.195	151.461	182.275
2179	233.263	151.446	182.547
2180	233.333	151.429	182.843
2181	233.401	151.41	183.132
2182	233.459	151.388	183.38
2183	233.508	151.363	183.603
2184	233.549	151.337	183.803
2185	233.586	151.308	183.988
2186	233.618	151.278	184.158
2187	233.647	151.247	184.318
2188	233.673	151.215	184.468
2189	233.696	151.181	184.606

010201

2190	233.718	151.146	184.733
2191	233.737	151.111	184.85
2192	233.758	151.073	184.966
2193	233.782	151.035	185.082
2194	233.807	150.995	185.198
2195	233.833	150.953	185.315
2196	233.858	150.91	185.434
2197	233.883	150.865	185.553
2198	233.909	150.819	185.673
2199	233.934	150.771	185.792
2200	233.96	150.723	185.91
2201	233.949	150.682	185.848
2202	233.939	150.642	185.794
2203	233.93	150.602	185.74
2204	233.92	150.562	185.685
2205	233.911	150.523	185.631
2206	233.901	150.483	185.577
2207	233.892	150.443	185.523
2208	233.883	150.403	185.47
2209	233.943	150.363	185.708
2210	234.022	150.325	186.025
2211	234.101	150.29	186.338
2212	234.179	150.258	186.646
2213	234.253	150.229	186.935
2214	234.318	150.205	187.2
2215	234.37	150.183	187.436
2216	234.42	150.164	187.663
2217	234.467	150.148	187.875
2218	234.51	150.135	188.069
2219	234.552	150.124	188.253
2220	234.597	150.118	188.437
2221	234.64	150.114	188.619
2222	234.685	150.112	188.803
2223	234.741	150.109	189
2224	234.795	150.106	189.198
2225	234.838	150.103	189.375
2226	234.876	150.102	189.545
2227	234.914	150.102	189.713
2228	234.944	150.103	189.855
2229	234.944	150.108	189.871
2230	234.937	150.114	189.852
2231	234.932	150.116	189.833
2232	234.899	150.144	189.698
2233	234.866	150.171	189.563
2234	234.833	150.199	189.43
2235	234.799	150.227	189.297
2236	234.766	150.254	189.164
2237	234.733	150.281	189.032
2238	234.7	150.308	188.9
2239	234.667	150.335	188.769
2240	234.634	150.362	188.639
2241	234.601	150.389	188.509
2242	234.568	150.415	188.379
2243	234.535	150.442	188.25
2244	234.502	150.468	188.122

010202

2245	234.469	150.494	187.994
2246	234.436	150.52	187.867
2247	234.404	150.546	187.74
2248	234.371	150.572	187.614
2249	234.421	150.574	187.836
2250	234.47	150.581	188.06
2251	234.517	150.583	188.276
2252	234.561	150.583	188.484
2253	234.604	150.58	188.691
2254	234.653	150.577	188.909
2255	234.709	150.573	189.139
2256	234.772	150.57	189.38
2257	234.838	150.563	189.629
2258	234.907	150.554	189.897
2259	234.976	150.542	190.174
2260	235.035	150.528	190.411
2261	235.085	150.512	190.618
2262	235.127	150.493	190.801
2263	235.163	150.473	190.967
2264	235.195	150.451	191.118
2265	235.223	150.427	191.257
2266	235.247	150.403	191.385
2267	235.269	150.376	191.501
2268	235.287	150.349	191.604
2269	235.305	150.32	191.7
2270	235.326	150.29	191.795
2271	235.349	150.258	191.889
2272	235.372	150.225	191.985
2273	235.395	150.19	192.082
2274	235.419	150.154	192.181
2275	235.442	150.117	192.28
2276	235.465	150.078	192.379
2277	235.489	150.038	192.479
2278	235.512	149.997	192.578
2279	235.508	149.957	192.56
2280	235.494	149.924	192.476
2281	235.48	149.892	192.393
2282	235.467	149.859	192.31
2283	235.453	149.827	192.228
2284	235.439	149.795	192.145
2285	235.425	149.762	192.063
2286	235.412	149.73	191.98
2287	235.398	149.698	191.898
2288	235.384	149.666	191.816
2289	235.37	149.633	191.735
2290	235.356	149.601	191.653
2291	235.433	149.568	191.956
2292	235.51	149.539	192.256
2293	235.586	149.513	192.55
2294	235.66	149.491	192.829
2295	235.727	149.472	193.082
2296	235.777	149.457	193.302
2297	235.826	149.445	193.513
2298	235.871	149.435	193.706
2299	235.913	149.428	193.88

010203

2300	235.953	149.425	194.045
2301	235.998	149.425	194.21
2302	236.04	149.427	194.373
2303	236.087	149.431	194.542
2304	236.142	149.434	194.72
2305	236.193	149.437	194.899
2306	236.233	149.439	195.052
2307	236.271	149.443	195.207
2308	236.306	149.448	195.352
2309	236.328	149.455	195.445
2310	236.32	149.465	195.412
2311	236.314	149.474	195.377
2312	236.28	149.507	195.221
2313	236.246	149.54	195.066
2314	236.212	149.572	194.911
2315	236.178	149.605	194.757
2316	236.144	149.637	194.604
2317	236.11	149.67	194.451
2318	236.076	149.702	194.299
2319	236.042	149.734	194.148
2320	236.008	149.765	193.997
2321	235.975	149.797	193.847
2322	235.941	149.829	193.697
2323	235.907	149.86	193.548
2324	235.874	149.891	193.4
2325	235.84	149.922	193.252
2326	235.806	149.953	193.105
2327	235.773	149.984	192.959
2328	235.739	150.014	192.813
2329	235.791	150.018	193.025
2330	235.84	150.025	193.236
2331	235.89	150.034	193.449
2332	235.935	150.04	193.649
2333	235.978	150.043	193.842
2334	236.023	150.045	194.036
2335	236.073	150.046	194.242
2336	236.13	150.047	194.46
2337	236.194	150.048	194.688
2338	236.26	150.045	194.923
2339	236.329	150.041	195.182
2340	236.394	150.034	195.433
2341	236.45	150.025	195.644
2342	236.496	150.013	195.829
2343	236.535	149.999	195.991
2344	236.569	149.984	196.137
2345	236.599	149.967	196.268
2346	236.624	149.948	196.387
2347	236.646	149.928	196.495
2348	236.664	149.907	196.59
2349	236.68	149.884	196.671
2350	236.699	149.86	196.751
2351	236.72	149.834	196.83
2352	236.741	149.806	196.911
2353	236.763	149.776	196.994
2354	236.785	149.745	197.078

010204

2355	236.806	149.713	197.163
2356	236.828	149.679	197.249
2357	236.85	149.644	197.335
2358	236.871	149.609	197.42
2359	236.926	149.581	197.624
2360	237.002	149.555	197.913
2361	237.077	149.534	198.195
2362	237.15	149.516	198.462
2363	237.216	149.502	198.703
2364	237.267	149.491	198.912
2365	237.314	149.483	199.108
2366	237.359	149.478	199.288
2367	237.4	149.476	199.449
2368	237.439	149.476	199.598
2369	237.483	149.48	199.748
2370	237.525	149.487	199.896
2371	237.569	149.495	200.046
2372	237.623	149.502	200.209
2373	237.676	149.509	200.373
2374	237.717	149.516	200.516
2375	237.755	149.523	200.656
2376	237.791	149.532	200.792
2377	237.818	149.542	200.895
2378	237.816	149.555	200.871
2379	237.809	149.567	200.823
2380	237.803	149.575	200.778
2381	237.769	149.612	200.604
2382	237.734	149.649	200.431
2383	237.7	149.686	200.258
2384	237.665	149.722	200.087
2385	237.631	149.759	199.916
2386	237.596	149.795	199.745
2387	237.562	149.831	199.576
2388	237.528	149.867	199.407
2389	237.493	149.903	199.239
2390	237.459	149.939	199.071
2391	237.425	149.974	198.904
2392	237.391	150.009	198.738
2393	237.356	150.044	198.573
2394	237.322	150.079	198.408
2395	237.288	150.114	198.244
2396	237.254	150.149	198.081
2397	237.22	150.183	197.918
2398	237.27	150.192	198.12
2399	237.319	150.205	198.322
2400	237.365	150.214	198.514
2401	237.408	150.221	198.697
2402	237.451	150.226	198.878
2403	237.5	150.231	199.07
2404	237.556	150.236	199.273
2405	237.618	150.24	199.488
2406	237.684	150.242	199.709
2407	237.752	150.242	199.951
2408	237.818	150.239	200.198
2409	237.875	150.233	200.404

010205

2410	237.923	150.226	200.582
2411	237.963	150.216	200.736
2412	237.998	150.204	200.874
2413	238.028	150.191	200.999
2414	238.055	150.177	201.113
2415	238.079	150.162	201.216
2416	238.099	150.145	201.311
2417	238.071	150.13	201.192
2418	238.042	150.114	201.074
2419	238.014	150.098	200.956
2420	237.985	150.082	200.838
2421	237.956	150.066	200.72
2422	237.928	150.05	200.602
2423	237.899	150.034	200.484
2424	237.868	150.017	200.363
2425	237.826	149.994	200.23
2426	237.796	149.977	200.111
2427	237.756	149.955	199.982
2428	237.709	149.93	199.843
2429	237.664	149.905	199.707
2430	237.602	149.872	199.552
2431	237.54	149.84	199.397
2432	237.478	149.807	199.242
2433	237.417	149.774	199.088
2434	237.355	149.741	198.934
2435	237.293	149.707	198.781
2436	237.239	149.678	198.637
2437	237.194	149.653	198.504
2438	237.136	149.622	198.357
2439	237.083	149.592	198.214
2440	237.033	149.565	198.077
2441	236.987	149.539	197.945
2442	236.945	149.515	197.817
2443	236.964	149.496	197.906
2444	237.012	149.487	198.106
2445	237.057	149.481	198.29
2446	237.098	149.477	198.453
2447	237.138	149.477	198.606
2448	237.181	149.48	198.758
2449	237.223	149.486	198.909
2450	237.268	149.494	199.063
2451	237.323	149.5	199.229
2452	237.375	149.506	199.396
2453	237.415	149.512	199.54
2454	237.453	149.519	199.682
2455	237.489	149.527	199.818
2456	237.514	149.536	199.913
2457	237.508	149.549	199.88
2458	237.501	149.561	199.834
2459	237.497	149.567	199.791
2460	237.462	149.604	199.621
2461	237.428	149.64	199.451
2462	237.394	149.676	199.282
2463	237.359	149.712	199.113
2464	237.325	149.748	198.946

010206

2465	237.291	149.783	198.779
2466	237.256	149.819	198.612
2467	237.222	149.854	198.447
2468	237.188	149.889	198.282
2469	237.154	149.924	198.117
2470	237.119	149.958	197.954
2471	237.085	149.993	197.791
2472	237.051	150.027	197.629
2473	237.017	150.062	197.467
2474	236.983	150.096	197.306
2475	236.949	150.129	197.146
2476	236.915	150.163	196.986
2477	236.965	150.172	197.19
2478	237.014	150.184	197.395
2479	237.06	150.192	197.587
2480	237.103	150.198	197.772
2481	237.147	150.203	197.956
2482	237.196	150.207	198.151
2483	237.253	150.211	198.358
2484	237.316	150.214	198.576
2485	237.381	150.215	198.801
2486	237.45	150.214	199.047
2487	237.515	150.21	199.292
2488	237.571	150.204	199.496
2489	237.618	150.195	199.673
2490	237.657	150.184	199.826
2491	237.691	150.171	199.963
2492	237.72	150.157	200.085
2493	237.745	150.142	200.195
2494	237.766	150.124	200.294
2495	237.739	150.108	200.184
2496	237.718	150.1	200.089
2497	237.697	150.092	199.994
2498	237.677	150.083	199.9
2499	237.656	150.075	199.806
2500	237.636	150.067	199.712
2501	237.615	150.058	199.619
2502	237.594	150.05	199.525
2503	237.574	150.041	199.432
2504	237.553	150.033	199.34
2505	237.533	150.024	199.247
2506	237.512	150.015	199.155
2507	237.492	150.007	199.063
2508	237.471	149.998	198.972
2509	237.451	149.989	198.88
2510	237.43	149.98	198.79
2511	237.41	149.971	198.7
2512	237.39	149.962	198.61
2513	237.369	149.953	198.519
2514	237.352	149.935	198.456
2515	237.368	149.914	198.536
2516	237.385	149.892	198.611
2517	237.403	149.869	198.686
2518	237.425	149.844	198.76
2519	237.446	149.818	198.835

010207

2520	237.467	149.791	198.912
2521	237.488	149.763	198.991
2522	237.509	149.733	199.07
2523	237.53	149.703	199.15
2524	237.551	149.671	199.23
2525	237.572	149.639	199.31
2526	237.592	149.606	199.391
2527	237.613	149.572	199.471
2528	237.588	149.539	199.353
2529	237.563	149.507	199.234
2530	237.636	149.48	199.515
2531	237.711	149.458	199.799
2532	237.785	149.438	200.076
2533	237.857	149.423	200.335
2534	237.92	149.411	200.566
2535	237.912	149.403	200.521
2536	237.881	149.387	200.397
2537	237.851	149.37	200.273
2538	237.821	149.354	200.151
2539	237.791	149.337	200.03
2540	237.762	149.32	199.914
2541	237.733	149.304	199.798
2542	237.704	149.287	199.684
2543	237.676	149.27	199.571
2544	237.648	149.253	199.458
2545	237.619	149.236	199.343
2546	237.59	149.219	199.229
2547	237.561	149.201	199.115
2548	237.533	149.184	199.002
2549	237.504	149.167	198.889
2550	237.475	149.15	198.776
2551	237.446	149.132	198.663
2552	237.418	149.115	198.551
2553	237.389	149.098	198.439
2554	237.36	149.08	198.327
2555	237.332	149.062	198.215
2556	237.303	149.045	198.104
2557	237.274	149.027	197.993
2558	237.246	149.01	197.883
2559	237.217	148.992	197.772
2560	237.188	148.974	197.66
2561	237.158	148.956	197.548
2562	237.206	148.948	197.748
2563	237.251	148.943	197.931
2564	237.291	148.941	198.094
2565	237.331	148.942	198.245
2566	237.375	148.946	198.397
2567	237.416	148.953	198.547
2568	237.461	148.961	198.701
2569	237.516	148.968	198.866
2570	237.567	148.975	199.032
2571	237.606	148.982	199.174
2572	237.644	148.989	199.316
2573	237.679	148.998	199.45
2574	237.701	149.008	199.534

010208

2575	237.694	149.021	199.491
2576	237.687	149.032	199.445
2577	237.652	149.069	199.274
2578	237.617	149.106	199.103
2579	237.583	149.142	198.934
2580	237.548	149.179	198.765
2581	237.513	149.215	198.596
2582	237.479	149.251	198.429
2583	237.444	149.287	198.262
2584	237.41	149.323	198.095
2585	237.375	149.358	197.93
2586	237.341	149.393	197.765
2587	237.306	149.429	197.601
2588	237.272	149.464	197.437
2589	237.238	149.498	197.274
2590	237.203	149.533	197.112
2591	237.169	149.567	196.951
2592	237.135	149.602	196.79
2593	237.1	149.636	196.629
2594	237.152	149.642	196.835
2595	237.202	149.651	197.037
2596	237.251	149.663	197.241
2597	237.296	149.672	197.432
2598	237.339	149.678	197.615
2599	237.383	149.684	197.799
2600	237.433	149.688	197.994
2601	237.489	149.693	198.2
2602	237.552	149.697	198.417
2603	237.618	149.699	198.641
2604	237.686	149.699	198.888
2605	237.751	149.696	199.129
2606	237.806	149.69	199.33
2607	237.852	149.682	199.505
2608	237.89	149.672	199.656
2609	237.924	149.661	199.792
2610	237.953	149.648	199.914
2611	237.978	149.634	200.025
2612	237.999	149.618	200.125
2613	238.018	149.602	200.215
2614	238.035	149.584	200.292
2615	238.05	149.565	200.361
2616	238.067	149.545	200.429
2617	238.086	149.523	200.498
2618	238.106	149.5	200.567
2619	238.127	149.476	200.638
2620	238.147	149.45	200.71
2621	238.167	149.423	200.783
2622	238.187	149.395	200.857
2623	238.207	149.366	200.932
2624	238.227	149.336	201.008
2625	238.246	149.306	201.083
2626	238.266	149.274	201.158
2627	238.169	149.229	201.005
2628	238.076	149.184	200.853
2629	237.984	149.139	200.703

010209

2630	237.892	149.094	200.552
2631	237.792	149.048	200.399
2632	237.693	149.002	200.247
2633	237.596	148.956	200.096
2634	237.498	148.91	199.945
2635	237.417	148.867	199.8
2636	237.36	148.83	199.666
2637	237.328	148.798	199.542
2638	237.302	148.767	199.421
2639	237.277	148.737	199.301
2640	237.251	148.706	199.182
2641	237.226	148.676	199.063
2642	237.201	148.645	198.945
2643	237.175	148.614	198.828
2644	237.15	148.584	198.712
2645	237.225	148.56	198.996
2646	237.299	148.539	199.278
2647	237.373	148.522	199.553
2648	237.443	148.509	199.807
2649	237.504	148.5	200.032
2650	237.551	148.493	200.228
2651	237.598	148.49	200.414
2652	237.639	148.489	200.578
2653	237.679	148.491	200.727
2654	237.72	148.497	200.87
2655	237.763	148.505	201.012
2656	237.802	148.516	201.152
2657	237.852	148.527	201.303
2658	237.905	148.536	201.46
2659	237.952	148.545	201.608
2660	237.988	148.554	201.737
2661	238.027	148.565	201.875
2662	238.058	148.576	201.991
2663	238.068	148.589	202.017
2664	238.061	148.605	201.963
2665	238.054	148.616	201.91
2666	238.019	148.655	201.729
2667	237.984	148.694	201.549
2668	237.949	148.733	201.37
2669	237.914	148.772	201.191
2670	237.879	148.811	201.013
2671	237.845	148.849	200.836
2672	237.81	148.887	200.659
2673	237.775	148.925	200.484
2674	237.74	148.963	200.309
2675	237.705	149	200.134
2676	237.671	149.038	199.961
2677	237.636	149.075	199.788
2678	237.601	149.112	199.616
2679	237.566	149.149	199.444
2680	237.532	149.186	199.273
2681	237.497	149.222	199.103
2682	237.463	149.259	198.934
2683	237.513	149.267	199.133
2684	237.562	149.28	199.33

010210

2685	237.61	149.293	199.523
2686	237.653	149.302	199.701
2687	237.696	149.31	199.878
2688	237.742	149.317	200.059
2689	237.794	149.324	200.252
2690	237.854	149.331	200.456
2691	237.917	149.336	200.669
2692	237.984	149.339	200.894
2693	238.053	149.341	201.145
2694	238.113	149.339	201.363
2695	238.164	149.335	201.546
2696	238.207	149.329	201.704
2697	238.243	149.321	201.842
2698	238.274	149.311	201.966
2699	238.301	149.3	202.076
2700	238.324	149.288	202.176
2701	238.344	149.274	202.267
2702	238.362	149.26	202.345
2703	238.377	149.244	202.413
2704	238.392	149.227	202.475
2705	238.409	149.209	202.537
2706	238.428	149.19	202.598
2707	238.447	149.17	202.661
2708	238.467	149.148	202.725
2709	238.487	149.125	202.79
2710	238.506	149.101	202.856
2711	238.526	149.076	202.924
2712	238.545	149.05	202.992
2713	238.564	149.023	203.061
2714	238.583	148.995	203.129
2715	238.602	148.965	203.198
2716	238.584	148.945	203.08
2717	238.565	148.925	202.962
2718	238.547	148.904	202.844
2719	238.515	148.88	202.719
2720	238.447	148.846	202.576
2721	238.351	148.803	202.418
2722	238.32	148.774	202.286
2723	238.294	148.746	202.158
2724	238.268	148.718	202.033
2725	238.242	148.69	201.908
2726	238.216	148.662	201.783
2727	238.19	148.634	201.659
2728	238.164	148.606	201.535
2729	238.138	148.578	201.411
2730	238.112	148.55	201.287
2731	238.086	148.522	201.164
2732	238.06	148.493	201.041
2733	238.034	148.465	200.918
2734	238.008	148.437	200.796
2735	237.982	148.409	200.674
2736	237.955	148.381	200.552
2737	237.929	148.352	200.431
2738	237.903	148.324	200.309
2739	237.877	148.296	200.188

010211

95

2740	237.851	148.268	200.067
2741	237.825	148.239	199.947
2742	237.799	148.211	199.827
2743	237.773	148.183	199.707
2744	237.747	148.155	199.587
2745	237.721	148.126	199.468
2746	237.695	148.098	199.349
2747	237.669	148.069	199.23
2748	237.643	148.041	199.111
2749	237.617	148.013	198.993
2750	237.591	147.984	198.875
2751	237.565	147.956	198.757
2752	237.539	147.927	198.64
2753	237.513	147.899	198.522
2754	237.486	147.871	198.405
2755	237.46	147.842	198.289
2756	237.434	147.814	198.172
2757	237.408	147.785	198.056
2758	237.382	147.757	197.94
2759	237.356	147.728	197.824
2760	237.33	147.7	197.709
2761	237.304	147.671	197.594
2762	237.278	147.643	197.479
2763	237.252	147.614	197.366
2764	237.226	147.585	197.254
2765	237.201	147.557	197.142
2766	237.176	147.528	197.032
2767	237.151	147.5	196.923
2768	237.125	147.471	196.814
2769	237.1	147.442	196.705
2770	237.075	147.414	196.597
2771	237.05	147.385	196.488
2772	237.025	147.356	196.38
2773	237	147.328	196.273
2774	236.975	147.299	196.165
2775	237.048	147.278	196.451
2776	237.121	147.26	196.732
2777	237.193	147.245	197.006
2778	237.262	147.235	197.255
2779	237.316	147.228	197.471
2780	237.362	147.224	197.666
2781	237.406	147.222	197.848
2782	237.446	147.223	198.007
2783	237.484	147.227	198.155
2784	237.526	147.234	198.301
2785	237.567	147.244	198.446
2786	237.608	147.256	198.59
2787	237.662	147.266	198.749
2788	237.714	147.276	198.91
2789	237.756	147.285	199.053
2790	237.793	147.295	199.188
2791	237.829	147.305	199.323
2792	237.858	147.317	199.434
2793	237.858	147.331	199.42
2794	237.851	147.345	199.369

010212

2795	237.845	147.354	199.322
2796	237.81	147.393	199.145
2797	237.774	147.431	198.97
2798	237.739	147.47	198.795
2799	237.703	147.508	198.62
2800	237.668	147.547	198.447
2801	237.633	147.585	198.274
2802	237.597	147.622	198.102
2803	237.562	147.66	197.931
2804	237.527	147.698	197.76
2805	237.492	147.735	197.59
2806	237.457	147.772	197.421
2807	237.422	147.809	197.252
2808	237.386	147.846	197.084
2809	237.351	147.882	196.917
2810	237.316	147.919	196.751
2811	237.281	147.955	196.585
2812	237.246	147.991	196.42
2813	237.296	148.001	196.619
2814	237.345	148.015	196.818
2815	237.391	148.026	197.008
2816	237.434	148.035	197.188
2817	237.476	148.042	197.366
2818	237.524	148.049	197.553
2819	237.578	148.056	197.752
2820	237.64	148.064	197.963
2821	237.704	148.068	198.18
2822	237.77	148.071	198.416
2823	237.837	148.072	198.663
2824	237.894	148.07	198.87
2825	237.941	148.066	199.047
2826	237.98	148.06	199.2
2827	238.014	148.052	199.337
2828	238.044	148.043	199.46
2829	238.069	148.033	199.572
2830	238.092	148.022	199.674
2831	238.111	148.009	199.767
2832	238.093	147.997	199.698
2833	238.062	147.986	199.577
2834	238.032	147.974	199.457
2835	238.002	147.962	199.338
2836	237.972	147.95	199.22
2837	237.942	147.938	199.102
2838	237.912	147.926	198.984
2839	237.883	147.914	198.867
2840	237.852	147.901	198.749
2841	237.822	147.889	198.631
2842	237.792	147.877	198.514
2843	237.762	147.864	198.397
2844	237.732	147.852	198.28
2845	237.702	147.839	198.163
2846	237.672	147.827	198.047
2847	237.642	147.814	197.93
2848	237.612	147.801	197.814
2849	237.585	147.788	197.712

010213

2850	237.6	147.773	197.791
2851	237.613	147.757	197.86
2852	237.629	147.739	197.93
2853	237.646	147.721	198
2854	237.665	147.701	198.069
2855	237.684	147.68	198.14
2856	237.703	147.659	198.212
2857	237.722	147.636	198.286
2858	237.74	147.612	198.36
2859	237.759	147.587	198.435
2860	237.778	147.562	198.51
2861	237.796	147.536	198.586
2862	237.814	147.509	198.661
2863	237.833	147.482	198.737
2864	237.851	147.455	198.812
2865	237.869	147.428	198.887
2866	237.887	147.4	198.962
2867	237.904	147.372	199.037
2868	237.882	147.346	198.939
2869	237.858	147.319	198.831
2870	237.832	147.293	198.716
2871	237.805	147.267	198.597
2872	237.777	147.24	198.475
2873	237.749	147.214	198.354
2874	237.722	147.188	198.233
2875	237.694	147.161	198.113
2876	237.667	147.135	197.994
2877	237.639	147.109	197.874
2878	237.612	147.082	197.755
2879	237.584	147.056	197.636
2880	237.557	147.029	197.517
2881	237.529	147.003	197.399
2882	237.501	146.976	197.28
2883	237.474	146.95	197.162
2884	237.436	146.921	197.038
2885	237.358	146.885	196.901
2886	237.338	146.866	196.794
2887	237.319	146.847	196.69
2888	237.301	146.828	196.589
2889	237.283	146.808	196.491
2890	237.266	146.789	196.395
2891	237.248	146.77	196.3
2892	237.274	146.75	196.387
2893	237.346	146.731	196.67
2894	237.419	146.715	196.949
2895	237.49	146.703	197.221
2896	237.559	146.694	197.47
2897	237.614	146.688	197.69
2898	237.661	146.685	197.885
2899	237.705	146.684	198.068
2900	237.745	146.687	198.229
2901	237.783	146.691	198.377
2902	237.823	146.699	198.52
2903	237.865	146.71	198.663
2904	237.903	146.723	198.804

010214

2905	237.955	146.735	198.958
2906	238.007	146.746	199.116
2907	238.051	146.756	199.261
2908	238.087	146.767	199.392
2909	238.125	146.778	199.53
2910	238.155	146.79	199.643
2911	238.16	146.804	199.65
2912	238.153	146.82	199.597
2913	238.146	146.83	199.547
2914	238.111	146.87	199.368
2915	238.075	146.91	199.189
2916	238.039	146.949	199.012
2917	238.003	146.988	198.835
2918	237.968	147.027	198.659
2919	237.932	147.066	198.484
2920	237.897	147.105	198.309
2921	237.861	147.144	198.135
2922	237.825	147.182	197.962
2923	237.79	147.22	197.79
2924	237.754	147.258	197.618
2925	237.719	147.296	197.447
2926	237.684	147.334	197.277
2927	237.648	147.371	197.107
2928	237.613	147.408	196.939
2929	237.578	147.445	196.77
2930	237.542	147.482	196.603
2931	237.592	147.492	196.801
2932	237.641	147.506	196.998
2933	237.688	147.518	197.189
2934	237.731	147.528	197.367
2935	237.773	147.537	197.543
2936	237.819	147.545	197.726
2937	237.872	147.553	197.921
2938	237.932	147.561	198.128
2939	237.995	147.568	198.341
2940	238.061	147.572	198.57
2941	238.129	147.575	198.824
2942	238.189	147.575	199.041
2943	238.239	147.573	199.225
2944	238.282	147.569	199.388
2945	238.318	147.564	199.531
2946	238.351	147.557	199.662
2947	238.379	147.55	199.782
2948	238.359	147.542	199.698
2949	238.335	147.535	199.597
2950	238.312	147.528	199.5
2951	238.29	147.52	199.407
2952	238.267	147.513	199.314
2953	238.245	147.505	199.222
2954	238.223	147.497	199.129
2955	238.2	147.49	199.038
2956	238.178	147.482	198.946
2957	238.156	147.474	198.855
2958	238.134	147.466	198.764
2959	238.112	147.458	198.673

010215

2960	238.089	147.451	198.582
2961	238.067	147.442	198.492
2962	238.045	147.434	198.402
2963	238.023	147.426	198.313
2964	238.001	147.418	198.223
2965	237.978	147.41	198.134
2966	237.956	147.402	198.045
2967	237.934	147.393	197.956
2968	237.911	147.385	197.864
2969	237.888	147.376	197.771
2970	237.864	147.368	197.677
2971	237.841	147.359	197.583
2972	237.817	147.351	197.488
2973	237.823	147.341	197.522
2974	237.846	147.33	197.63
2975	237.866	147.319	197.73
2976	237.884	147.306	197.823
2977	237.901	147.293	197.908
2978	237.916	147.279	197.985
2979	237.929	147.265	198.055
2980	237.942	147.25	198.122
2981	237.957	147.234	198.19
2982	237.974	147.217	198.257
2983	237.991	147.2	198.324
2984	238.009	147.182	198.391
2985	238.028	147.163	198.459
2986	238.046	147.144	198.528
2987	238.064	147.124	198.598
2988	238.082	147.103	198.668
2989	238.1	147.081	198.74
2990	238.118	147.06	198.811
2991	238.135	147.037	198.883
2992	238.153	147.014	198.955
2993	238.171	146.991	199.027
2994	238.188	146.967	199.1
2995	238.205	146.943	199.172
2996	238.223	146.918	199.245
2997	238.24	146.893	199.317
2998	238.257	146.868	199.389
2999	238.273	146.842	199.461
3000	238.29	146.816	199.533
3001	238.271	146.792	199.451
3002	238.253	146.767	199.372
3003	238.235	146.743	199.294
3004	238.218	146.718	199.218
3005	238.2	146.694	199.144
3006	238.184	146.669	199.071
3007	238.167	146.645	199.001
3008	238.151	146.62	198.931
3009	238.135	146.596	198.861
3010	238.119	146.571	198.794
3011	238.103	146.547	198.727
3012	238.087	146.522	198.66
3013	238.071	146.498	198.592
3014	238.055	146.473	198.524

010216

3015	238.039	146.449	198.456
3016	238.023	146.424	198.388
3017	238.007	146.4	198.32
3018	237.991	146.376	198.253
3019	237.975	146.351	198.186
3020	237.958	146.327	198.118
3021	237.942	146.303	198.051
3022	237.926	146.278	197.984
3023	237.91	146.254	197.917
3024	237.894	146.23	197.85
3025	237.877	146.205	197.783
3026	237.861	146.181	197.717
3027	237.845	146.157	197.65
3028	237.829	146.133	197.584
3029	237.812	146.108	197.517
3030	237.796	146.084	197.451
3031	237.78	146.06	197.385
3032	237.762	146.036	197.311
3033	237.741	146.012	197.226
3034	237.718	145.988	197.132
3035	237.693	145.964	197.03
3036	237.72	145.948	197.123
3037	237.791	145.933	197.401
3038	237.788	145.922	197.357
3039	237.76	145.904	197.234
3040	237.731	145.885	197.111
3041	237.704	145.867	196.989
3042	237.676	145.848	196.868
3043	237.648	145.83	196.748
3044	237.621	145.811	196.63
3045	237.594	145.792	196.512
3046	237.566	145.774	196.393
3047	237.538	145.755	196.273
3048	237.51	145.736	196.153
3049	237.482	145.717	196.032
3050	237.453	145.698	195.91
3051	237.425	145.679	195.788
3052	237.396	145.66	195.666
3053	237.467	145.649	195.94
3054	237.535	145.641	196.195
3055	237.594	145.636	196.421
3056	237.639	145.634	196.617
3057	237.683	145.635	196.804
3058	237.723	145.638	196.97
3059	237.761	145.644	197.119
3060	237.8	145.652	197.263
3061	237.842	145.664	197.406
3062	237.879	145.678	197.547
3063	237.928	145.691	197.697
3064	237.98	145.703	197.855
3065	238.026	145.714	198.005
3066	238.061	145.725	198.134
3067	238.099	145.737	198.271
3068	238.131	145.749	198.39
3069	238.143	145.763	198.428

010217

3070	238.135	145.78	198.376
3071	238.128	145.792	198.324
3072	238.092	145.832	198.146
3073	238.055	145.872	197.968
3074	238.019	145.912	197.792
3075	237.983	145.952	197.616
3076	237.947	145.991	197.44
3077	237.911	146.031	197.265
3078	237.875	146.07	197.092
3079	237.839	146.109	196.918
3080	237.803	146.147	196.746
3081	237.767	146.186	196.574
3082	237.732	146.224	196.403
3083	237.696	146.263	196.233
3084	237.66	146.301	196.063
3085	237.624	146.339	195.894
3086	237.588	146.376	195.726
3087	237.553	146.414	195.558
3088	237.517	146.451	195.391
3089	237.567	146.46	195.59
3090	237.616	146.473	195.787
3091	237.664	146.486	195.98
3092	237.707	146.497	196.159
3093	237.749	146.507	196.335
3094	237.794	146.515	196.516
3095	237.844	146.524	196.707
3096	237.902	146.533	196.911
3097	237.964	146.541	197.122
3098	238.029	146.547	197.345
3099	238.096	146.552	197.592
3100	238.156	146.553	197.814
3101	238.206	146.553	197.999
3102	238.248	146.55	198.16
3103	238.283	146.546	198.3
3104	238.313	146.54	198.426
3105	238.339	146.533	198.539
3106	238.361	146.525	198.643
3107	238.38	146.516	198.737
3108	238.397	146.506	198.822
3109	238.411	146.495	198.896
3110	238.423	146.484	198.96
3111	238.436	146.471	199.023
3112	238.451	146.458	199.086
3113	238.468	146.443	199.148
3114	238.485	146.428	199.211
3115	238.469	146.412	199.132
3116	238.441	146.398	199.004
3117	238.414	146.383	198.877
3118	238.387	146.368	198.75
3119	238.359	146.353	198.623
3120	238.354	146.336	198.594
3121	238.371	146.318	198.661
3122	238.388	146.3	198.73
3123	238.405	146.28	198.799
3124	238.421	146.259	198.868

010218

3125	238.438	146.238	198.939
3126	238.454	146.216	199.01
3127	238.47	146.193	199.08
3128	238.541	146.178	199.356
3129	238.611	146.167	199.628
3130	238.681	146.158	199.89
3131	238.747	146.154	200.127
3132	238.73	146.153	200.03
3133	238.7	146.143	199.9
3134	238.669	146.133	199.771
3135	238.639	146.123	199.643
3136	238.61	146.112	199.518
3137	238.581	146.102	199.396
3138	238.552	146.092	199.276
3139	238.525	146.081	199.159
3140	238.497	146.07	199.044
3141	238.469	146.06	198.926
3142	238.441	146.049	198.809
3143	238.413	146.038	198.693
3144	238.384	146.027	198.574
3145	238.354	146.016	198.451
3146	238.324	146.006	198.325
3147	238.293	145.995	198.196
3148	238.253	145.98	198.06
3149	238.182	145.954	197.9
3150	238.127	145.935	197.757
3151	238.084	145.923	197.627
3152	238.042	145.91	197.497
3153	237.981	145.888	197.348
3154	237.904	145.858	197.185
3155	237.859	145.841	197.046
3156	237.819	145.826	196.913
3157	237.87	145.823	197.124
3158	237.915	145.822	197.315
3159	237.958	145.824	197.492
3160	237.996	145.828	197.647
3161	238.033	145.835	197.791
3162	238.074	145.846	197.934
3163	238.114	145.858	198.075
3164	238.155	145.873	198.216
3165	238.208	145.885	198.372
3166	238.259	145.897	198.529
3167	238.299	145.909	198.667
3168	238.336	145.92	198.799
3169	238.371	145.932	198.929
3170	238.399	145.945	199.034
3171	238.398	145.961	199.011
3172	238.39	145.976	198.958
3173	238.384	145.985	198.908
3174	238.348	146.026	198.728
3175	238.312	146.066	198.549
3176	238.276	146.106	198.371
3177	238.24	146.146	198.194
3178	238.203	146.186	198.017
3179	238.167	146.225	197.841

010219

3180	238.131	146.265	197.666
3181	238.095	146.304	197.491
3182	238.059	146.343	197.318
3183	238.024	146.382	197.144
3184	237.988	146.42	196.972
3185	237.952	146.459	196.801
3186	237.916	146.497	196.63
3187	237.88	146.535	196.459
3188	237.844	146.573	196.29
3189	237.809	146.611	196.121
3190	237.773	146.649	195.953
3191	237.822	146.659	196.15
3192	237.872	146.674	196.346
3193	237.917	146.686	196.532
3194	237.959	146.697	196.709
3195	238.001	146.706	196.884
3196	238.048	146.715	197.069
3197	238.102	146.724	197.265
3198	238.163	146.733	197.473
3199	238.227	146.74	197.687
3200	238.293	146.745	197.921
3201	238.358	146.748	198.163
3202	238.413	146.748	198.365
3203	238.459	146.747	198.538
3204	238.497	146.743	198.687
3205	238.529	146.738	198.819
3206	238.557	146.732	198.937
3207	238.581	146.724	199.044
3208	238.601	146.715	199.14
3209	238.618	146.706	199.226
3210	238.632	146.695	199.3
3211	238.644	146.683	199.364
3212	238.657	146.671	199.427
3213	238.673	146.657	199.489
3214	238.69	146.642	199.55
3215	238.707	146.626	199.614
3216	238.724	146.609	199.678
3217	238.741	146.59	199.744
3218	238.812	146.58	200.012
3219	238.88	146.573	200.259
3220	238.937	146.57	200.475
3221	238.982	146.57	200.664
3222	239.025	146.572	200.841
3223	239.016	146.577	200.792
3224	238.987	146.573	200.667
3225	238.958	146.57	200.543
3226	238.929	146.566	200.419
3227	238.9	146.562	200.295
3228	238.871	146.558	200.172
3229	238.842	146.553	200.052
3230	238.814	146.549	199.933
3231	238.786	146.545	199.815
3232	238.758	146.54	199.698
3233	238.73	146.535	199.582
3234	238.702	146.531	199.464

010220



SIMULACIONES, CALCULOS Y GRAFICAS

3235	238.674	146.526	199.346
3236	238.645	146.521	199.229
3237	238.617	146.516	199.112
3238	238.589	146.511	198.996
3239	238.561	146.506	198.88
3240	238.532	146.501	198.762
3241	238.503	146.496	198.644
3242	238.474	146.491	198.525
3243	238.424	146.474	198.374
3244	238.366	146.453	198.212
3245	238.322	146.44	198.078
3246	238.301	146.443	197.987
3247	238.281	146.446	197.898
3248	238.261	146.448	197.81
3249	238.242	146.451	197.724
3250	238.222	146.453	197.639
3251	238.203	146.456	197.552
3252	238.183	146.458	197.466
3253	238.163	146.461	197.379
3254	238.143	146.463	197.293
3255	238.124	146.465	197.207
3256	238.104	146.467	197.122
3257	238.084	146.469	197.037
3258	238.065	146.471	196.953
3259	238.045	146.473	196.869
3260	238.026	146.474	196.785
3261	238.006	146.476	196.701
3262	237.987	146.478	196.618
3263	237.967	146.479	196.535
3264	237.948	146.481	196.452
3265	237.928	146.482	196.369
3266	237.909	146.483	196.285
3267	237.889	146.485	196.201
3268	237.858	146.479	196.098
3269	237.816	146.466	195.972
3270	237.761	146.445	195.824
3271	237.782	146.446	195.912
3272	237.82	146.45	196.065
3273	237.86	146.457	196.215
3274	237.901	146.466	196.363
3275	237.939	146.478	196.509
3276	237.99	146.489	196.668
3277	238.042	146.498	196.832
3278	238.087	146.508	196.983
3279	238.123	146.517	197.119
3280	238.161	146.527	197.263
3281	238.191	146.538	197.382
3282	238.198	146.551	197.4
3283	238.19	146.566	197.352
3284	238.183	146.575	197.306
3285	238.148	146.614	197.134
3286	238.112	146.652	196.963
3287	238.076	146.691	196.792
3288	238.04	146.729	196.622
3289	238.004	146.766	196.452

SIMULACIONES, CALCULOS Y GRAFICAS

3290	237.969	146.804	196.284
3291	237.933	146.842	196.116
3292	237.897	146.879	195.948
3293	237.862	146.916	195.782
3294	237.826	146.953	195.616
3295	237.79	146.99	195.451
3296	237.755	147.027	195.286
3297	237.719	147.063	195.122
3298	237.684	147.099	194.959
3299	237.648	147.135	194.797
3300	237.613	147.171	194.635
3301	237.577	147.207	194.474
3302	237.627	147.215	194.675
3303	237.677	147.228	194.876
3304	237.723	147.24	195.071
3305	237.766	147.249	195.253
3306	237.808	147.257	195.433
3307	237.854	147.264	195.62
3308	237.906	147.271	195.819
3309	237.966	147.278	196.029
3310	238.029	147.284	196.247
3311	238.094	147.287	196.479
3312	238.162	147.289	196.737
3313	238.221	147.288	196.955
3314	238.27	147.285	197.14
3315	238.31	147.28	197.301
3316	238.344	147.273	197.443
3317	238.373	147.264	197.57
3318	238.399	147.255	197.685
3319	238.42	147.244	197.79
3320	238.438	147.233	197.885
3321	238.454	147.22	197.968
3322	238.468	147.206	198.041
3323	238.481	147.192	198.109
3324	238.496	147.176	198.176
3325	238.512	147.16	198.243
3326	238.53	147.142	198.311
3327	238.548	147.123	198.379
3328	238.566	147.103	198.449
3329	238.583	147.082	198.521
3330	238.6	147.061	198.593
3331	238.618	147.038	198.665
3332	238.635	147.015	198.738
3333	238.652	146.991	198.812
3334	238.669	146.966	198.885
3335	238.685	146.941	198.959
3336	238.702	146.915	199.032
3337	238.674	146.891	198.912
3338	238.645	146.866	198.792
3339	238.617	146.842	198.673
3340	238.589	146.818	198.554
3341	238.561	146.793	198.435
3342	238.533	146.769	198.316
3343	238.504	146.745	198.198
3344	238.476	146.72	198.08

3345	238.448	146.696	197.962
3346	238.42	146.671	197.844
3347	238.392	146.647	197.727
3348	238.363	146.622	197.61
3349	238.335	146.598	197.493
3350	238.307	146.573	197.377
3351	238.279	146.548	197.261
3352	238.251	146.524	197.145
3353	238.223	146.499	197.029
3354	238.275	146.481	197.233
3355	238.346	146.466	197.512
3356	238.417	146.454	197.785
3357	238.485	146.446	198.038
3358	238.544	146.441	198.261
3359	238.589	146.439	198.456
3360	238.633	146.44	198.64
3361	238.673	146.443	198.802
3362	238.711	146.449	198.949
3363	238.75	146.458	199.09
3364	238.791	146.469	199.231
3365	238.828	146.483	199.368
3366	238.878	146.497	199.517
3367	238.93	146.509	199.673
3368	238.975	146.52	199.819
3369	239.011	146.531	199.946
3370	239.049	146.544	200.082
3371	239.08	146.556	200.198
3372	239.089	146.571	200.223
3373	239.081	146.588	200.168
3374	239.074	146.6	200.114
3375	239.038	146.64	199.933
3376	239.002	146.681	199.752
3377	238.966	146.721	199.572
3378	238.93	146.762	199.392
3379	238.894	146.802	199.214
3380	238.858	146.842	199.036
3381	238.822	146.881	198.858
3382	238.786	146.921	198.682
3383	238.75	146.96	198.506
3384	238.714	146.999	198.331
3385	238.678	147.038	198.157
3386	238.642	147.077	197.983
3387	238.606	147.115	197.811
3388	238.57	147.154	197.638
3389	238.534	147.192	197.467
3390	238.499	147.23	197.296
3391	238.463	147.268	197.126
3392	238.513	147.277	197.324
3393	238.562	147.291	197.519
3394	238.609	147.304	197.71
3395	238.652	147.315	197.887
3396	238.694	147.325	198.061
3397	238.739	147.334	198.241
3398	238.79	147.343	198.432
3399	238.849	147.352	198.634

010223

3400	238.912	147.36	198.845
3401	238.977	147.366	199.067
3402	239.044	147.37	199.316
3403	239.103	147.371	199.532
3404	239.153	147.371	199.714
3405	239.194	147.368	199.87
3406	239.228	147.363	200.007
3407	239.257	147.357	200.129
3408	239.283	147.349	200.239
3409	239.304	147.341	200.338
3410	239.322	147.331	200.427
3411	239.338	147.321	200.504
3412	239.351	147.309	200.572
3413	239.363	147.297	200.632
3414	239.377	147.283	200.693
3415	239.393	147.269	200.753
3416	239.41	147.253	200.814
3417	239.428	147.236	200.877
3418	239.445	147.218	200.94
3419	239.461	147.2	201.005
3420	239.478	147.18	201.071
3421	239.495	147.159	201.137
3422	239.511	147.138	201.205
3423	239.527	147.116	201.272
3424	239.543	147.093	201.339
3425	239.559	147.07	201.407
3426	239.575	147.046	201.475
3427	239.546	147.023	201.348
3428	239.517	147.001	201.221
3429	239.488	146.978	201.095
3430	239.459	146.956	200.969
3431	239.43	146.933	200.843
3432	239.401	146.911	200.718
3433	239.372	146.888	200.593
3434	239.343	146.866	200.468
3435	239.314	146.843	200.344
3436	239.285	146.82	200.22
3437	239.257	146.798	200.1
3438	239.229	146.775	199.983
3439	239.2	146.752	199.859
3440	239.253	146.736	200.06
3441	239.324	146.723	200.334
3442	239.394	146.714	200.599
3443	239.46	146.709	200.839
3444	239.511	146.707	201.043
3445	239.556	146.708	201.227
3446	239.588	146.712	201.355
3447	239.567	146.717	201.256
3448	239.538	146.714	201.13
3449	239.509	146.71	201.004
3450	239.479	146.707	200.879
3451	239.444	146.7	200.745
3452	239.409	146.693	200.611
3453	239.38	146.689	200.488
3454	239.351	146.685	200.366

010224

3455	239.322	146.681	200.245
3456	239.293	146.677	200.124
3457	239.264	146.673	200.004
3458	239.235	146.668	199.882
3459	239.206	146.664	199.761
3460	239.177	146.659	199.641
3461	239.148	146.655	199.52
3462	239.119	146.65	199.401
3463	239.09	146.645	199.281
3464	239.083	146.649	199.248
3465	239.121	146.655	199.396
3466	239.16	146.663	199.536
3467	239.202	146.675	199.676
3468	239.239	146.689	199.814
3469	239.287	146.702	199.961
3470	239.339	146.714	200.115
3471	239.385	146.726	200.262
3472	239.421	146.737	200.389
3473	239.458	146.75	200.524
3474	239.49	146.762	200.64
3475	239.502	146.777	200.673
3476	239.493	146.794	200.617
3477	239.486	146.806	200.563
3478	239.45	146.847	200.381
3479	239.414	146.888	200.199
3480	239.378	146.929	200.018
3481	239.341	146.969	199.838
3482	239.305	147.009	199.658
3483	239.269	147.049	199.479
3484	239.233	147.089	199.301
3485	239.197	147.129	199.124
3486	239.161	147.168	198.948
3487	239.125	147.208	198.772
3488	239.089	147.247	198.597
3489	239.053	147.286	198.423
3490	239.017	147.325	198.249
3491	238.981	147.363	198.076
3492	238.945	147.402	197.904
3493	238.909	147.44	197.732
3494	238.873	147.478	197.562
3495	238.924	147.487	197.758
3496	238.973	147.5	197.953
3497	239.02	147.514	198.145
3498	239.063	147.525	198.322
3499	239.106	147.535	198.496
3500	239.15	147.544	198.675
3501	239.201	147.553	198.864
3502	239.259	147.563	199.065
3503	239.321	147.571	199.275
3504	239.386	147.576	199.496
3505	239.453	147.581	199.742
3506	239.513	147.583	199.96
3507	239.563	147.582	200.143
3508	239.605	147.579	200.301
3509	239.639	147.575	200.438

010225

3510	239.669	147.569	200.56
3511	239.694	147.562	200.67
3512	239.715	147.553	200.769
3513	239.734	147.544	200.858
3514	239.749	147.533	200.936
3515	239.762	147.522	201.003
3516	239.774	147.509	201.063
3517	239.788	147.496	201.123
3518	239.805	147.481	201.183
3519	239.822	147.465	201.244
3520	239.839	147.448	201.306
3521	239.855	147.43	201.369
3522	239.872	147.411	201.434
3523	239.889	147.391	201.5
3524	239.905	147.37	201.566
3525	239.914	147.357	201.573
3526	239.984	147.346	201.839
3527	240.052	147.34	202.086
3528	240.111	147.336	202.304
3529	240.156	147.336	202.492
3530	240.2	147.338	202.669
3531	240.202	147.343	202.668
3532	240.141	147.322	202.49
3533	240.08	147.301	202.314
3534	240.025	147.284	202.15
3535	239.976	147.271	201.998
3536	239.934	147.262	201.857
3537	239.871	147.24	201.679
3538	239.811	147.219	201.508
3539	239.755	147.201	201.344
3540	239.697	147.182	201.177
3541	239.637	147.161	201.005
3542	239.587	147.146	200.855
3543	239.538	147.132	200.704
3544	239.488	147.117	200.555
3545	239.439	147.103	200.406
3546	239.39	147.088	200.257
3547	239.337	147.071	200.101
3548	239.279	147.051	199.939
3549	239.218	147.029	199.77
3550	239.155	147.005	199.597
3551	239.099	146.985	199.436
3552	239.05	146.968	199.284
3553	238.986	146.943	199.112
3554	238.923	146.919	198.941
3555	238.863	146.896	198.776
3556	238.806	146.875	198.613
3557	238.744	146.851	198.446
3558	238.739	146.844	198.43
3559	238.759	146.835	198.531
3560	238.777	146.824	198.621
3561	238.792	146.813	198.698
3562	238.815	146.813	198.794
3563	238.748	146.787	198.625
3564	238.682	146.761	198.456

010226

3565	238.615	146.735	198.288
3566	238.549	146.709	198.121
3567	238.482	146.682	197.953
3568	238.452	146.674	197.837
3569	238.422	146.666	197.721
3570	238.391	146.658	197.606
3571	238.361	146.65	197.491
3572	238.331	146.642	197.377
3573	238.3	146.634	197.263
3574	238.27	146.626	197.148
3575	238.24	146.617	197.034
3576	238.209	146.609	196.921
3577	238.179	146.601	196.807
3578	238.149	146.592	196.695
3579	238.119	146.583	196.586
3580	238.09	146.574	196.478
3581	238.062	146.565	196.374
3582	238.034	146.556	196.273
3583	238.007	146.547	196.176
3584	237.98	146.538	196.08
3585	237.954	146.529	195.988
3586	237.929	146.519	195.901
3587	237.905	146.51	195.815
3588	237.893	146.5	195.782
3589	237.911	146.488	195.879
3590	237.927	146.476	195.969
3591	237.901	146.465	195.877
3592	237.874	146.454	195.784
3593	237.846	146.443	195.686
3594	237.818	146.432	195.585
3595	237.789	146.421	195.481
3596	237.76	146.41	195.379
3597	237.73	146.398	195.275
3598	237.7	146.387	195.169
3599	237.67	146.376	195.061
3600	237.639	146.365	194.95
3601	237.607	146.353	194.839
3602	237.576	146.342	194.729
3603	237.545	146.33	194.619
3604	237.514	146.319	194.51
3605	237.554	146.317	194.685
3606	237.595	146.317	194.858
3607	237.633	146.319	195.015
3608	237.672	146.325	195.167
3609	237.715	146.334	195.318
3610	237.752	146.345	195.467
3611	237.802	146.355	195.627
3612	237.854	146.365	195.794
3613	237.9	146.373	195.949
3614	237.936	146.382	196.087
3615	237.974	146.392	196.232
3616	238.005	146.402	196.356
3617	238.013	146.414	196.386
3618	238.006	146.429	196.34
3619	237.999	146.438	196.296

010227

3620	237.963	146.476	196.126
3621	237.927	146.514	195.958
3622	237.891	146.552	195.79
3623	237.856	146.589	195.623
3624	237.82	146.626	195.456
3625	237.784	146.664	195.291
3626	237.748	146.701	195.126
3627	237.713	146.737	194.961
3628	237.677	146.774	194.797
3629	237.642	146.81	194.634
3630	237.606	146.846	194.472
3631	237.57	146.883	194.31
3632	237.535	146.918	194.149
3633	237.499	146.954	193.989
3634	237.464	146.99	193.829
3635	237.429	147.025	193.67
3636	237.393	147.06	193.512
3637	237.443	147.068	193.714
3638	237.492	147.08	193.916
3639	237.539	147.091	194.114
3640	237.582	147.1	194.298
3641	237.624	147.107	194.48
3642	237.67	147.114	194.668
3643	237.721	147.121	194.868
3644	237.78	147.128	195.079
3645	237.843	147.133	195.299
3646	237.909	147.136	195.531
3647	237.976	147.138	195.789
3648	238.036	147.136	196.013
3649	238.085	147.133	196.202
3650	238.126	147.127	196.366
3651	238.16	147.12	196.511
3652	238.19	147.112	196.641
3653	238.215	147.102	196.758
3654	238.237	147.091	196.865
3655	238.255	147.079	196.961
3656	238.271	147.065	197.045
3657	238.284	147.051	197.118
3658	238.297	147.036	197.187
3659	238.313	147.019	197.257
3660	238.331	147.002	197.326
3661	238.349	146.983	197.397
3662	238.366	146.963	197.469
3663	238.384	146.941	197.542
3664	238.401	146.919	197.617
3665	238.419	146.896	197.692
3666	238.436	146.871	197.768
3667	238.453	146.846	197.843
3668	238.469	146.821	197.919
3669	238.486	146.794	197.995
3670	238.393	146.756	197.846
3671	238.3	146.717	197.698
3672	238.207	146.678	197.551
3673	238.272	146.66	197.808
3674	238.344	146.644	198.086

010228

3675	238.415	146.632	198.359
3676	238.484	146.623	198.614
3677	238.544	146.618	198.841
3678	238.59	146.616	199.037
3679	238.635	146.616	199.222
3680	238.676	146.619	199.388
3681	238.714	146.624	199.536
3682	238.752	146.632	199.676
3683	238.794	146.643	199.816
3684	238.833	146.657	199.954
3685	238.879	146.671	200.098
3686	238.931	146.683	200.251
3687	238.98	146.695	200.402
3688	239.016	146.706	200.529
3689	239.053	146.718	200.662
3690	239.086	146.731	200.781
3691	239.103	146.745	200.835
3692	239.095	146.762	200.78
3693	239.087	146.775	200.725
3694	239.051	146.816	200.542
3695	239.015	146.857	200.359
3696	238.979	146.898	200.178
3697	238.943	146.938	199.997
3698	238.907	146.979	199.817
3699	238.871	147.019	199.637
3700	238.835	147.059	199.459
3701	238.799	147.098	199.281
3702	238.763	147.138	199.103
3703	238.727	147.177	198.927
3704	238.691	147.216	198.751
3705	238.656	147.255	198.576
3706	238.62	147.294	198.402
3707	238.584	147.333	198.229
3708	238.548	147.371	198.056
3709	238.512	147.409	197.884
3710	238.477	147.447	197.712
3711	238.528	147.455	197.91
3712	238.577	147.468	198.105
3713	238.625	147.483	198.299
3714	238.669	147.494	198.478
3715	238.711	147.505	198.652
3716	238.755	147.514	198.828
3717	238.805	147.523	199.015
3718	238.862	147.532	199.214
3719	238.924	147.54	199.422
3720	238.988	147.547	199.638
3721	239.055	147.552	199.878
3722	239.117	147.554	200.103
3723	239.169	147.554	200.289
3724	239.211	147.551	200.451
3725	239.247	147.547	200.59
3726	239.278	147.541	200.714
3727	239.304	147.534	200.825
3728	239.326	147.526	200.925
3729	239.345	147.517	201.016

010229

3730	239.361	147.506	201.095
3731	239.375	147.495	201.164
3732	239.387	147.483	201.223
3733	239.4	147.47	201.283
3734	239.415	147.456	201.342
3735	239.432	147.441	201.401
3736	239.449	147.425	201.461
3737	239.466	147.409	201.522
3738	239.484	147.392	201.583
3739	239.501	147.374	201.645
3740	239.518	147.356	201.708
3741	239.535	147.337	201.771
3742	239.551	147.318	201.835
3743	239.568	147.298	201.899
3744	239.585	147.278	201.963
3745	239.601	147.257	202.028
3746	239.618	147.236	202.094
3747	239.634	147.215	202.159
3748	239.65	147.192	202.225
3749	239.666	147.17	202.29
3750	239.682	147.146	202.356
3751	239.661	147.132	202.236
3752	239.641	147.117	202.124
3753	239.621	147.102	202.012
3754	239.602	147.088	201.901
3755	239.582	147.073	201.79
3756	239.562	147.058	201.679
3757	239.543	147.043	201.569
3758	239.523	147.028	201.459
3759	239.504	147.013	201.349
3760	239.484	146.998	201.24
3761	239.464	146.983	201.128
3762	239.443	146.968	201.013
3763	239.421	146.953	200.895
3764	239.374	146.931	200.764
3765	239.292	146.897	200.613
3766	239.263	146.874	200.484
3767	239.234	146.852	200.36
3768	239.205	146.829	200.236
3769	239.176	146.806	200.113
3770	239.148	146.783	199.992
3771	239.12	146.76	199.871
3772	239.091	146.737	199.749
3773	239.063	146.714	199.628
3774	239.034	146.691	199.508
3775	239.006	146.668	199.387
3776	238.977	146.645	199.267
3777	238.949	146.622	199.147
3778	238.92	146.599	199.027
3779	238.892	146.576	198.908
3780	238.863	146.553	198.789
3781	238.934	146.536	199.067
3782	239.005	146.523	199.341
3783	239.075	146.514	199.608
3784	239.142	146.508	199.852

010230

3785	239.196	146.505	200.063
3786	239.241	146.505	200.25
3787	239.283	146.508	200.425
3788	239.322	146.513	200.577
3789	239.359	146.521	200.717
3790	239.398	146.532	200.854
3791	239.439	146.545	200.989
3792	239.478	146.561	201.123
3793	239.53	146.575	201.271
3794	239.581	146.589	201.422
3795	239.623	146.601	201.558
3796	239.659	146.614	201.683
3797	239.696	146.627	201.812
3798	239.726	146.641	201.918
3799	239.728	146.658	201.91
3800	239.72	146.674	201.851
3801	239.714	146.686	201.796
3802	239.678	146.728	201.608
3803	239.641	146.769	201.422
3804	239.605	146.811	201.237
3805	239.569	146.853	201.052
3806	239.532	146.894	200.868
3807	239.496	146.935	200.685
3808	239.46	146.976	200.502
3809	239.424	147.017	200.32
3810	239.387	147.057	200.139
3811	239.351	147.098	199.959
3812	239.315	147.138	199.78
3813	239.279	147.178	199.601
3814	239.243	147.218	199.423
3815	239.207	147.257	199.246
3816	239.171	147.297	199.069
3817	239.135	147.336	198.894
3818	239.099	147.375	198.719
3819	239.149	147.386	198.913
3820	239.198	147.402	199.105
3821	239.244	147.415	199.289
3822	239.286	147.427	199.462
3823	239.328	147.437	199.633
3824	239.375	147.447	199.811
3825	239.427	147.457	200.001
3826	239.487	147.468	200.203
3827	239.55	147.476	200.411
3828	239.616	147.483	200.636
3829	239.683	147.487	200.881
3830	239.739	147.489	201.084
3831	239.787	147.489	201.256
3832	239.825	147.487	201.404
3833	239.858	147.483	201.534
3834	239.886	147.477	201.649
3835	239.91	147.471	201.752
3836	239.93	147.463	201.844
3837	239.972	147.466	202.012
3838	239.953	147.47	201.918
3839	239.894	147.45	201.747

010231

3840	239.839	147.432	201.585
3841	239.788	147.417	201.431
3842	239.741	147.404	201.285
3843	239.698	147.393	201.146
3844	239.643	147.374	200.983
3845	239.592	147.357	200.826
3846	239.546	147.343	200.675
3847	239.503	147.33	200.532
3848	239.465	147.32	200.395
3849	239.406	147.298	200.228
3850	239.348	147.277	200.062
3851	239.289	147.255	199.896
3852	239.231	147.233	199.73
3853	239.172	147.211	199.565
3854	239.114	147.189	199.4
3855	239.056	147.167	199.236
3856	238.997	147.145	199.073
3857	238.939	147.123	198.909
3858	238.881	147.1	198.747
3859	238.823	147.078	198.584
3860	238.764	147.055	198.423
3861	238.706	147.032	198.261
3862	238.648	147.01	198.101
3863	238.59	146.987	197.94
3864	238.532	146.964	197.78
3865	238.469	146.938	197.613
3866	238.425	146.923	197.476
3867	238.381	146.908	197.339
3868	238.338	146.892	197.202
3869	238.294	146.877	197.066
3870	238.254	146.863	196.937
3871	238.196	146.84	196.78
3872	238.138	146.816	196.623
3873	238.08	146.793	196.467
3874	238.023	146.769	196.311
3875	237.965	146.745	196.156
3876	237.907	146.721	196.001
3877	237.849	146.697	195.847
3878	237.791	146.673	195.693
3879	237.733	146.649	195.539
3880	237.676	146.625	195.386
3881	237.618	146.6	195.233
3882	237.56	146.576	195.081
3883	237.503	146.551	194.929
3884	237.445	146.527	194.778
3885	237.387	146.502	194.627
3886	237.33	146.477	194.476
3887	237.278	146.457	194.338
3888	237.228	146.437	194.205
3889	237.182	146.42	194.077
3890	237.138	146.404	193.954
3891	237.11	146.395	193.851
3892	237.133	146.383	193.967
3893	237.152	146.37	194.072
3894	237.168	146.357	194.165

010232

3895	237.182	146.342	194.246
3896	237.195	146.326	194.321
3897	237.211	146.309	194.396
3898	237.229	146.29	194.47
3899	237.247	146.271	194.546
3900	237.265	146.251	194.623
3901	237.283	146.229	194.701
3902	237.3	146.207	194.78
3903	237.318	146.184	194.859
3904	237.336	146.161	194.939
3905	237.353	146.136	195.019
3906	237.37	146.112	195.1
3907	237.344	146.088	194.994
3908	237.318	146.064	194.887
3909	237.292	146.041	194.78
3910	237.309	146.015	194.861
3911	237.326	145.989	194.942
3912	237.343	145.963	195.023
3913	237.414	145.946	195.307
3914	237.486	145.932	195.585
3915	237.556	145.921	195.851
3916	237.621	145.914	196.092
3917	237.669	145.911	196.298
3918	237.714	145.91	196.49
3919	237.756	145.912	196.664
3920	237.794	145.916	196.82
3921	237.831	145.922	196.965
3922	237.873	145.932	197.11
3923	237.912	145.945	197.253
3924	237.957	145.958	197.4
3925	238.01	145.969	197.559
3926	238.06	145.98	197.719
3927	238.098	145.991	197.854
3928	238.135	146.002	197.99
3929	238.169	146.013	198.118
3930	238.19	146.026	198.197
3931	238.182	146.042	198.149
3932	238.175	146.055	198.098
3933	238.139	146.095	197.922
3934	238.103	146.134	197.746
3935	238.067	146.174	197.57
3936	238.031	146.213	197.396
3937	237.995	146.252	197.222
3938	237.959	146.291	197.049
3939	237.923	146.329	196.877
3940	237.887	146.368	196.705
3941	237.851	146.406	196.534
3942	237.815	146.444	196.364
3943	237.78	146.482	196.195
3944	237.744	146.52	196.026
3945	237.708	146.558	195.858
3946	237.672	146.595	195.69
3947	237.637	146.632	195.524
3948	237.601	146.67	195.358
3949	237.566	146.706	195.193

010233

3950	237.617	146.714	195.393
3951	237.666	146.725	195.591
3952	237.716	146.739	195.79
3953	237.76	146.75	195.974
3954	237.802	146.76	196.152
3955	237.845	146.768	196.33
3956	237.894	146.776	196.52
3957	237.949	146.785	196.72
3958	238.011	146.793	196.931
3959	238.075	146.799	197.149
3960	238.142	146.803	197.39
3961	238.205	146.805	197.625
3962	238.258	146.804	197.82
3963	238.302	146.802	197.989
3964	238.338	146.797	198.135
3965	238.37	146.791	198.266
3966	238.397	146.784	198.382
3967	238.42	146.776	198.489
3968	238.439	146.766	198.585
3969	238.456	146.755	198.67
3970	238.47	146.744	198.744
3971	238.482	146.731	198.807
3972	238.495	146.718	198.871
3973	238.511	146.703	198.935
3974	238.529	146.687	198.999
3975	238.546	146.67	199.064
3976	238.563	146.652	199.13
3977	238.58	146.633	199.198
3978	238.597	146.613	199.267
3979	238.614	146.592	199.337
3980	238.606	146.58	199.272
3981	238.677	146.569	199.541
3982	238.745	146.562	199.791
3983	238.805	146.557	200.016
3984	238.851	146.556	200.208
3985	238.896	146.557	200.392
3986	238.937	146.56	200.561
3987	238.921	146.565	200.481
3988	238.901	146.569	200.386
3989	238.881	146.574	200.291
3990	238.861	146.578	200.198
3991	238.841	146.583	200.104
3992	238.821	146.587	200.01
3993	238.801	146.591	199.915
3994	238.781	146.595	199.82
3995	238.761	146.599	199.726
3996	238.74	146.602	199.632
3997	238.72	146.606	199.537
3998	238.7	146.61	199.444
3999	238.68	146.613	199.352
4000	238.66	146.617	199.259
4001	238.64	146.62	199.167
4002	238.62	146.624	199.076
4003	238.6	146.627	198.984
4004	238.58	146.63	198.893

010234

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4005	238.56	146.633	198.802
4006	238.54	146.636	198.712
4007	238.52	146.639	198.622
4008	238.5	146.642	198.532
4009	238.48	146.645	198.442
4010	238.46	146.647	198.353
4011	238.44	146.65	198.264
4012	238.42	146.652	198.175
4013	238.4	146.655	198.087
4014	238.381	146.657	197.999
4015	238.361	146.66	197.913
4016	238.341	146.662	197.826
4017	238.322	146.664	197.74
4018	238.302	146.666	197.654
4019	238.278	146.659	197.56
4020	238.299	146.65	197.663
4021	238.317	146.639	197.753
4022	238.331	146.627	197.829
4023	238.343	146.614	197.895
4024	238.389	146.612	198.089
4025	238.433	146.612	198.275
4026	238.473	146.614	198.439
4027	238.511	146.619	198.588
4028	238.55	146.627	198.73
4029	238.592	146.638	198.873
4030	238.63	146.651	199.012
4031	238.678	146.663	199.161
4032	238.73	146.675	199.318
4033	238.777	146.686	199.468
4034	238.812	146.697	199.596
4035	238.85	146.708	199.733
4036	238.882	146.72	199.852
4037	238.895	146.734	199.892
4038	238.887	146.751	199.839
4039	238.88	146.763	199.787
4040	238.844	146.803	199.607
4041	238.808	146.843	199.427
4042	238.772	146.883	199.249
4043	238.736	146.923	199.071
4044	238.7	146.963	198.894
4045	238.664	147.002	198.718
4046	238.628	147.041	198.542
4047	238.592	147.08	198.367
4048	238.556	147.119	198.193
4049	238.521	147.158	198.02
4050	238.485	147.196	197.847
4051	238.449	147.234	197.675
4052	238.413	147.272	197.504
4053	238.378	147.31	197.333
4054	238.342	147.348	197.164
4055	238.306	147.386	196.994
4056	238.271	147.423	196.826
4057	238.321	147.431	197.025
4058	238.37	147.444	197.221
4059	238.418	147.458	197.415

010235

4060	238.461	147.469	197.594
4061	238.504	147.478	197.77
4062	238.548	147.487	197.949
4063	238.598	147.495	198.14
4064	238.656	147.504	198.343
4065	238.719	147.511	198.554
4066	238.784	147.517	198.775
4067	238.851	147.521	199.021
4068	238.911	147.522	199.243
4069	238.962	147.521	199.428
4070	239.004	147.518	199.589
4071	239.039	147.512	199.729
4072	239.069	147.506	199.854
4073	239.095	147.498	199.966
4074	239.117	147.489	200.068
4075	239.136	147.479	200.16
4076	239.153	147.468	200.242
4077	239.167	147.456	200.313
4078	239.179	147.444	200.374
4079	239.192	147.43	200.436
4080	239.208	147.415	200.498
4081	239.225	147.399	200.56
4082	239.243	147.382	200.622
4083	239.26	147.364	200.686
4084	239.277	147.345	200.752
4085	239.294	147.325	200.818
4086	239.311	147.304	200.885
4087	239.328	147.283	200.953
4088	239.345	147.26	201.021
4089	239.361	147.237	201.09
4090	239.378	147.214	201.158
4091	239.394	147.189	201.227
4092	239.371	147.166	201.127
4093	239.342	147.143	201
4094	239.313	147.12	200.874
4095	239.284	147.096	200.747
4096	239.255	147.073	200.622
4097	239.226	147.05	200.496
4098	239.197	147.027	200.37
4099	239.168	147.003	200.245
4100	239.139	146.98	200.121
4101	239.11	146.957	199.996
4102	239.081	146.933	199.87
4103	239.051	146.91	199.744
4104	239.022	146.886	199.618
4105	238.992	146.863	199.492
4106	238.962	146.839	199.365
4107	238.913	146.812	199.231
4108	238.821	146.774	199.079
4109	238.891	146.758	199.357
4110	238.962	146.744	199.632
4111	239.033	146.733	199.9
4112	239.101	146.727	200.147
4113	239.158	146.723	200.364
4114	239.203	146.722	200.554

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