

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

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Table SI 25, absorption value of PA 6,6-Sample-04, scanned by hyperspectral camera at 2500 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
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17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0.644966
31	0	0	0	0	0	0	0	0	2.648838
32	0	0	0	0	0	0	0	0	1.732838
33	0	0	0	0	0	0	0	0	1.909838
34	0	0	0	0	0	0	0	0	1.136264
35	0	0	0	0	0	0	0	0	1.054031
36	0	0	0	0	0	0	0	0	2.017814
37	0	0	0	0	0	0	0	0	0.419971

38	0	0	0	0	0	0	0	0	0.209986
39	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0.36854
48	0	0	0	0	0	0	0	0	0.815888
49	0	0	0	0	0	0	0	0	1.219698
50	0	0	0	0	0	0	0	0	0.469096
51	0	0	0	0	0	0	0	0	0.234548
52	0	0	0	0	0	0	0	0	0.117274
53	0	0	0	0	0	0	0	0	0.058637
54	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0
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61	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0
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74	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0

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86	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
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96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0
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102	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0
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112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0

132	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0
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143	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0
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148	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0
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155	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0
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161	0	0	0	0	0	0	0	0	0
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168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
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173	0	0	0	0	0	0	0	0	0
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175	0	0	0	0	0	0	0	0	0
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177	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0

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181	0	0	0	0	0	0	0	0	0
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183	0	0	0	0	0	0	0	0	0
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216	0	0	0	0	0	0	0	0	0
217	0	0	0	0	0	0	0	0	0
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223	0	0	0	0	0	0	0	0	0
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228	0	0	0	0	0	0	0	0	0
229	0	0	0	0	0	0	0	0	0
230	0	0	0	0	0	0	0	0	0
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244	0	0	0	0	0	0	0	0	0
245	0	0	0	0	0	0	0	0	0
246	0	0	0	0	0	0	0	0	0
247	0	0	0	0	0	0	0	0	0
248	0	0	0	0	0	0	0	0	0
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250	0	0	0	0	0	0	0	0	0
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252	0	0	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0	0	0
258	0	0	0	0	0	0	0	0	0
259	0	0	0	0	0	0	0	0	0
260	0	0	0	0	0	0	0	0	0
261	0	0	0	0	0	0	0	0	0
262	0	0	0	0	0	0	0	0	0
263	0	0	0	0	0	0	0	0	0
264	0	0	0	0	0	0	0	0	0
265	0	0	0	0	0	0	0	0	0
266	0	0	0	0	0	0	0	0	0
267	0	0	0	0	0	0	0	0	0
268	0	0	0	0	0	0	0	0	0
269	0	0	0	0	0	0	0	0	0
270	0	0	0	0	0	0	0	0	0
271	0	0	0	0	0	0	0	0	0
272	0	0	0	0	0	0	0	0	0

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275	0	0	0	0	0	0	0	0	0
276	0	0	0	0	0	0	0	0	0
277	0	0	0	0	0	0	0	0	0
278	0	0	0	0	0	0	0	0	0
279	0	0	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0	0	0
281	0	0	0	0	0	0	0	0	0
282	0	0	0	0	0	0	0	0	0
283	0	0	0	0	0	0	0	0	0
284	0	0	0	0	0	0	0	0	0
285	0	0	0	0	0	0	0	0	0
286	0	0	0	0	0	0	0	0	0
287	0	0	0	0	0	0	0	0	0
288	0	0	0	0	0	0	0	0	0
289	0	0	0	0	0	0	0	0	0
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294	0	0	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0	0	0
296	0	0	0	0	0	0	0	0	0
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298	0	0	0	0	0	0	0	0	0
299	0	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0	0
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309	0	0	0	0	0	0	0	0	0
310	0	0	0	0	0	0	0	0	0
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312	0	0	0	0	0	0	0	0	0
313	0	0	0	0	0	0	0	0	0
314	0	0	0	0	0	0	0	0	0
315	0	0	0	0	0	0	0	0	0
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318	0	0	0	0	0	0	0	0	0
319	0	0	0	0	0	0	0	0	0

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321	0	0	0	0	0	0	0	0	0
322	0	0	0	0	0	0	0	0	0
323	0	0	0	0	0	0	0	0	0
324	0	0	0	0	0	0	0	0	0
325	0	0	0	0	0	0	0	0	0
326	0	0	0	0	0	0	0	0	0
327	0	0	0	0	0	0	0	0	0
328	0	0	0	0	0	0	0	0	0
329	0	0	0	0	0	0	0	0	0
330	0	0	0	0	0	0	0	0	0
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339	0	0	0	0	0	0	0	0	0
340	0	0	0	0	0	0	0	0	0
341	0	0	0	0	0	0	0	0	0
342	0	0	0	0	0	0	0	0	0
343	0	0	0	0	0	0	0	0	0
344	0	0	0	0	0	0	0	0	0
345	0	0	0	0	0	0	0	0	0
346	0	0	0	0	0	0	0	0	0
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350	0	0	0	0	0	0	0	0	0
351	0	0	0	0	0	0	0	0	0
352	0	0	0	0	0	0	0	0	0
353	0	0	0	0	0	0	0	0	0
354	0	0	0	0	0	0	0	0	0
355	0	0	0	0	0	0	0	0	0
356	0	0	0	0	0	0	0	0	0
357	0	0	0	0	0	0	0	0	0
358	0	0	0	0	0	0	0	0	0
359	0	0	0	0	0	0	0	0	0
360	0	0	0	0	0	0	0	0	0
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362	0	0	0	0	0	0	0	0	0
363	0	0	0	0	0	0	0	0	0
364	0	0	0	0	0	0	0	0	0
365	0	0	0	0	0	0	0	0	0
366	0	0	0	0	0	0	0	0	0

367	0	0	0	0	0	0	0	0	0
368	0	0	0	0	0	0	0	0	0
369	0	0	0	0	0	0	0	0	0
370	0	0	0	0	0	0	0	0	0
371	0	0	0	0	0	0	0	0	0
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378	0	0	0	0	0	0	0	0	0
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[illegible]

0.905633	1.178105	0.573245	0.666762	0.625595	0.866447	0.788851	0.6786	0.753466	0.800646
1.100224	1.025042	0.549995	0.687444	0.691431	0.897784	0.781583	0.711836	0.73805	0.821235
0.331704	0.731603	0.430904	0.848726	0.708489	0.791435	0.774435	0.845614	0.761384	0.538604
0.165852	0.663408	0.417966	0.685753	0.835963	0.918584	0.658657	0.656995	0.628233	0.570284
0.366596	0.716376	0.349389	0.540122	1.042695	1.080176	0.805935	0.611109	0.587563	0.557333
1.411099	0.56734	0.400729	0.622993	1.040821	0.901865	0.767403	0.668865	0.631924	0.630841
0.770731	0.495549	0.577032	0.489477	1.244627	0.981112	0.95215	0.769529	0.655537	0.776739
0.913894	0.833925	0.747142	0.607919	1.180801	0.951013	0.783648	0.679421	0.67968	0.9808
1.033107	0.752136	0.712885	0.600226	1.105195	1.088498	0.74887	0.836078	0.652417	0.64155
1.801849	1.086529	0.690089	0.816766	1.298674	1.139713	1.01084	0.849245	0.508248	0.589088
0.73708	1.056621	0.830659	0.984628	1.026115	1.027825	1.093245	0.696179	0.764391	0.923816
0.938191	1.488409	1.172173	0.98631	1.010146	0.941926	0.929858	0.79451	0.828198	0.897902
1.095976	0.930431	0.752806	1.567499	0.965484	0.593221	0.823718	0.750724	0.802198	0.897902
1.174548	1.165545	0.924172	0.944828	0.844207	0.373057	0.811414	0.68355	0.952826	1.044444
1.353894	2.485296	1.279184	1.71091	0.4632	0.40147	0.810313	0.998613	0.993474	1.03668
0.957734	1.056621	0.81175	0.9554	0.500347	0.54377	0.866611	0.972018	0.917086	0.854072
1.592817	1.105515	0.854014	0.710946	0.833636	0.750019	0.771407	0.856598	0.846033	0.809676
0.552758	1.328948	0.857628	0.433609	0.755284	1.387934	0.969257	0.786022	0.841205	0.800646
0.675623	1.568215	0.587296	0.416477	1.024312	0.874072	0.7899	0.918963	0.824717	0.825945
1.389794	0.798489	0.400729	0.43788	1.037098	0.8256	0.622215	1.034324	0.876187	0.857879
1.780885	0.774695	0.571363	0.59335	1.017171	1.496768	0.654027	0.727159	0.67968	0.916461
0.384348	0.768696	0.603163	0.713638	0.834798	1.649922	0.997095	0.826747	0.998618	1.001587
0.535069	0.866252	0.913035	0.633342	0.830169	1.311384	0.891081	1.208225	0.952826	0.810818
1.25199	0.685791	0.882523	0.718161	1.098738	2.574018	1.009098	1.023299	0.693981	0.77253
0.342895	0.760825	0.648546	0.657174	0.951562	2.046792	0.914209	0.680244	0.781835	0.872129
0.171448	0.696589	0.563918	0.552364	0.559705	1.314907	0.907278	0.75953	0.850916	0.711118
0.085724	0.924706	0.526796	0.568168	0.570332	0.871516	0.75755	0.811999	0.948194	0.885503
0.042862	0.894496	0.736029	0.414212	0.506859	0.733941	0.750784	0.767511	0.677204	0.677038
0.021431	0.790064	0.762415	0.485201	0.510153	0.769729	0.621503	0.852906	0.654755	0.844081
0.010715	0.995605	0.660674	0.770274	0.702442	0.609644	0.43135	0.703068	0.707885	0.768362
0.005358	1.473061	0.654568	0.754171	1.120646	0.362272	0.367752	0.67533	0.533505	0.737347
0	1.488409	0.736944	0.719071	0.70073	0.421802	0.657882	0.684381	0.635647	0.854072
0	0.338961	0.677923	0.625925	0.679878	0.593221	0.809214	0.63197	0.802198	0.727796
0	0.169481	1.24837	0.758141	0.615648	0.565896	0.628684	0.625388	0.824717	0.598104
0	0.432266	1.211325	0.80885	0.594401	0.496145	0.567338	0.714501	0.740899	0.725911
0	1.715848	0.695052	0.774395	0.567179	0.509227	0.893739	0.795583	0.790293	0.836736
0	0.347526	0.852816	0.754171	0.514026	0.430024	0.778506	0.6007	0.786043	0.83917
0	0	1.593179	0.93545	0.578637	0.476717	0.727444	0.754616	0.701747	0.705697
0	0	0.686585	0.841418	0.581225	0.541976	0.648687	0.747828	0.680508	0.79953
0	0	1.680329	0.531753	0.465679	0.494002	0.747916	1.143809	1.028976	0.631597
0	0	1.090503	0.607214	0.594401	0.479809	0.648687	0.73363	0.917086	0.62858
0	0	1.216823	0.707383	0.727151	0.50757	0.535234	0.767511	0.590249	0.58567
0	0	0.999423	0.580576	0.632112	0.340346	0.410266	0.739253	0.746654	0.570284
0	0	0.78741	0.489477	0.557242	0.378757	0.339322	0.681068	0.89074	0.495591
0	0	1.921361	0.63861	0.560942	0.437935	0.467271	0.825595	0.758398	0.557333
0	0	1.85642	0.877939	0.644695	0.469082	0.413342	0.769529	0.830534	0.780989
0	0	1.190006	0.996547	0.505767	0.352904	0.262801	0.642411	0.949733	0.815417

0	0	0.764363	0.815626	0.570965	0.458122	0.527135	0.662494	0.990079	0.706596
0	0	1.363505	1.026935	0.556015	0.582608	0.562337	0.878137	0.834062	0.788528
0	0	0.877544	0.892636	0.670213	0.562755	0.682578	0.70743	0.737105	0.925302
0	0	1.488443	0.862452	0.686442	0.608251	0.621503	0.495284	0.865902	0.808537
0	0	1.881244	0.83423	0.572234	0.555923	0.67205	0.802075	0.787102	0.709303
0	0	0.417115	0.862452	0.675019	0.48606	0.654795	0.777698	0.828198	0.4809
0	0	0.208558	0.946078	0.570332	0.519872	0.621503	0.607612	0.795664	0.68211
0	0	0.543248	0.933953	0.668623	0.634026	0.550687	0.730845	0.886723	0.842848
0	0	1.187413	0.877939	0.669418	0.577397	0.657882	0.722596	0.684674	0.606595
0	0	0.438969	1.128705	0.598433	0.583921	0.839899	0.75364	0.794584	0.608744
0	0	0.219485	1.061611	0.819931	0.634026	0.816964	1.025117	1.040218	0.661357
0	0	0	1.234147	0.773082	0.773781	0.860394	1.194555	0.409868	0.58499
0	0	0	0.386541	0.832478	0.674994	1.060728	1.083537	0.402812	0.542286
0	0	0	0.19327	0.989727	0.600671	0.87803	0.613222	0.678028	0.768362
0	0	0	0.096635	1.970989	0.791435	0.67205	0.396587	0.609529	0.694181
0	0	0	0.048318	1.090276	0.881833	0.812519	0.516221	0.504915	0.685525
0	0	0	0	1.018945	0.687327	0.655565	0.551484	0.54367	0.720304
0	0	0	0	0.343663	0.947963	0.69929	0.593897	0.531735	1.014189
0	0	0	0	0.171832	0.889735	0.629408	0.771557	0.822412	1.472507
0	0	0	0	0.085916	0.862685	0.896413	0.67533	0.954381	1.021557
0	0	0	0	0.042958	0.54859	0.590581	0.611812	0.670671	0.786361
0	0	0	0	0.295774	0.809837	0.7899	0.565167	0.537065	1.04249
0	0	0	0	1.081975	0.750019	0.849424	0.570891	0.583565	0.795096
0	0	0	0	0.927863	0.80108	0.733854	0.587864	0.443601	0.720304
0	0	0	0	2.317635	0.938938	0.728354	0.661704	0.382306	0.874771
0	0	0	0	1.475986	1.340406	0.710508	0.517918	0.381889	0.65572
0	0	0	0	1.262944	1.268005	0.773424	0.408315	0.670671	0.847801
0	0	0	0	0.335882	1.054182	0.690854	0.410965	0.683003	0.972424
0	0	0	0	0.403493	0.671764	0.370141	0.568974	0.808832	0.697692
0	0	0	0	1.925677	0.471105	0.521442	0.752666	0.876187	0.902115
0	0	0	0	1.925677	0.485012	0.592576	0.721689	1.036438	1.849248
0	0	0	0	2.317635	0.679885	0.567338	0.770542	1.036438	1.205368
0	0	0	0	1.672193	0.659077	0.766407	0.770542	0.796746	1.374297
0	0	0	0	1.232831	0.88053	0.689186	0.725328	0.667441	1.824952
0	0	0	0	1.612484	0.893741	0.675262	0.517918	0.613775	1.083345
0	0	0	0	1.705438	0.960295	0.726536	0.562647	0.774567	0.870814
0	0	0	0	0.432595	1.184484	0.630134	0.558894	0.708769	0.750085
0	0	0	0	0.216297	0.865189	0.620081	0.6007	0.66026	0.769401
0	0	0	0	0.108149	0.891066	0.561716	0.708308	0.597721	0.650154
0	0	0	0	0.054074	1.107826	0.676069	0.843211	0.725916	0.651737
0	0	0	0	0.388055	0.965011	0.703571	0.452785	0.517263	0.682962
0	0	0	0	1.295302	0.722036	0.6382	0.503428	0.499963	0.630841
0	0	0	0	1.272401	0.662214	0.775449	0.568974	0.528218	0.667069
0	0	0	0	1.987208	0.80108	0.872918	0.564535	0.470357	0.703012
0	0	0	0	1.8979	1.135012	0.866611	0.681894	0.580261	0.680413
0	0	0	0	1.026115	1.02058	0.57623	0.589865	0.483852	0.931297
0	0	0	0	0.51029	1.252411	0.600646	0.530568	0.492908	0.797307

0	0	0	0	0.255145	1.284181	0.61514	0.58853	0.807719	0.671195
0	0	0	0	0.127572	1.084317	0.515264	0.533495	0.673925	0.667069
0	0	0	0	0.063786	1.161522	0.496706	0.487817	0.710543	0.779923
0	0	0	0	0.031893	1.264841	0.680126	0.640153	0.806609	0.702121
0	0	0	0	0.015947	0.871516	0.746964	0.96245	0.976756	0.744159
0	0	0	0	0.007973	0.717543	0.86163	0.950012	1.359071	1.203484
0	0	0	0	0.003987	0.891066	0.695896	0.862823	0.811066	1.138057
0	0	0	0	0.001993	1.222807	0.720233	0.623939	0.705244	1.195092
0	0	0	0	9.97E-04	1.205967	0.839899	0.546614	0.783934	1.457043
0	0	0	0	4.98E-04	1.237357	0.854265	0.727159	0.73805	0.915005
0	0	0	0	2.49E-04	0.954085	0.744121	0.720784	0.707003	0.580929
0	0	0	0	1.25E-04	1.164014	0.610949	0.691084	0.509924	0.536167
0	0	0	0	0.362895	0.725664	0.541705	0.68355	0.608123	0.464623
0	0	0	0	3.048898	0.845544	0.732932	0.652336	0.781835	0.762184
0	0	0	0	1.441725	0.88053	0.901812	0.857836	0.732408	1.07068
0	0	0	0	0.929307	0.792496	0.732932	0.587864	0.6349	0.767326
0	0	0	0	0.617055	0.599307	0.594579	0.530568	0.527051	0.699458
0	0	0	0	1.069813	0.965011	0.463789	0.41008	0.445045	0.789616
0	0	0	0	1.696885	1.181872	0.535818	0.406119	0.542462	0.970768
0	0	0	0	0.467986	1.280897	0.550082	0.4969	0.595671	0.873448
0	0	0	0	0.233993	0.935972	0.562337	0.463151	0.573081	0.820065
0	0	0	0	0.116996	0.780963	0.644162	0.51117	0.513296	0.561178
0	0	0	0	0.330983	0.735802	0.503166	0.596605	0.764391	0.753078
0	0	0	0	1.414368	0.54497	0.571126	0.646964	0.815569	0.982495
0	0	0	0	0.788492	0.579344	0.63305	0.667263	0.707885	0.771485
0	0	0	0	0.814345	0.901865	0.535234	0.586534	0.628233	0.72969
0	0	0	0	1.16063	0.792496	0.615842	0.651565	0.586226	0.919388
0	0	0	0	0.935131	0.79356	0.711384	0.615344	0.674743	0.932809
0	0	0	0	0.834798	0.733941	0.589919	0.455722	0.583565	0.834315
0	0	0	0	1.12744	0.688998	0.610254	0.391051	0.482273	0.856606
0	0	0	0	2.021584	0.832535	0.51415	0.366377	0.725916	1.135634
0	0	0	0	1.262944	0.666167	0.520877	0.506729	0.647779	0.895116
0	0	0	0	1.330265	0.901865	0.669657	0.695326	0.713216	0.829512
0	0	0	0	1.859304	0.994437	0.690854	0.644682	0.694837	0.720304
0	0	0	0	1.64883	0.865189	0.632319	0.643167	0.515558	0.64388
0	0	0	0	1.059933	0.724754	0.615842	0.528821	0.552842	0.896507
0	0	0	0	1.196568	0.655962	0.650206	0.43651	0.49076	0.906369
0	0	0	0	1.364336	0.832535	0.720233	0.688558	0.547316	0.788528
0	0	0	0	0.960793	1.018787	0.59391	0.645441	0.494526	0.693307
0	0	0	0	0.975019	0.857718	0.530588	0.634928	0.537662	0.895116
0	0	0	0	1.185993	0.787216	0.56483	0.599331	0.64243	1.147885
0	0	0	0	1.232831	0.850372	0.594579	0.537034	0.549763	0.755085
0	0	0	0	0.352601	0.821038	0.504796	0.483608	0.653974	0.717528
0	0	0	0	0.176301	0.705203	0.619371	0.608309	0.677204	0.802886
0	0	0	0	0.08815	0.931559	0.477885	0.615344	0.620222	0.650154
0	0	0	0	0.329879	0.887085	0.60337	0.614635	0.468827	0.613801
0	0	0	0	2.39484	0.571609	0.528858	0.609707	0.545489	0.693307

0	0	0	0	0.285804	0.635504	0.559241	0.561392	0.586894	0.624093
0	0	0	0	0.460654	1.214306	0.854265	0.643167	0.497236	0.650154
0	0	0	0	1.397042	0.863935	0.786762	0.708308	0.589576	0.762184
0	0	0	0	1.136667	0.786167	0.628684	0.63567	0.773539	0.870814
0	0	0	0	1.333922	0.650565	0.700997	0.741144	0.823563	0.829512
0	0	0	0	0.325283	1.017002	0.686696	0.70568	0.498324	0.640004
0	0	0	0	0.162641	1.123477	0.703571	0.5095	0.546706	0.619652
0	0	0	0	0.081321	0.958734	0.610949	0.570891	0.666637	0.718451
0	0	0	0	0.04066	1.121206	0.571126	0.559517	0.66264	0.687242
0	0	0	0	0.02033	1.642337	0.787806	0.632708	0.661052	0.624838
0	0	0	0	0.334683	0.787216	0.623644	0.574103	0.608123	0.646222
0	0	0	0	1.372285	0.649035	0.785722	0.593897	0.616628	0.752078
0	0	0	0	0.324518	0.734871	0.914209	0.650026	0.664235	0.565057
0	0	0	0	0.162259	1.018787	0.935692	0.562647	0.449406	0.537384
0	0	0	0	0.081129	0.903234	0.751744	0.564535	0.456278	0.726853
0	0	0	0	0.040565	0.861438	0.644162	0.593897	0.528802	0.687242
0	0	0	0	0.020282	1.169042	0.685044	0.550261	0.575678	0.870814
0	0	0	0	0.010141	1.065986	0.726536	0.71898	0.610234	0.956142
0	0	0	0	0.005071	1.284181	0.733854	0.591205	0.558439	0.878765
0	0	0	0	0.002535	0.9005	0.647929	0.466662	0.470868	0.684669
0	0	0	0	0.001268	0.866447	0.429058	0.591876	0.674743	0.83917
0	0	0	0	6.34E-04	0.824455	0.442997	0.57734	0.68217	0.587034
0	0	0	0	3.17E-04	1.029656	0.673653	0.615344	0.702619	0.572921
0	0	0	0	1.58E-04	1.123477	0.644162	0.586534	0.684674	0.758113
0	0	0	0	7.92E-05	1.056127	0.879318	0.652336	0.541859	0.534954
0	0	0	0	3.96E-05	0.888408	0.819204	0.954635	0.716807	0.58431
0	0	0	0	1.98E-05	1.013453	0.997095	0.668063	0.678028	0.53314
0	0	0	0	0	1.240326	0.901812	0.660916	0.768433	0.646222
0	0	0	0	0	0.889921	0.87803	0.742093	0.594989	0.758113
0	0	0	0	0	0.984405	0.946093	0.629033	0.620944	0.956142
0	0	0	0	0	0.764717	0.692528	0.664872	0.825874	1.824952
0	0	0	0	0	1.128054	0.690854	0.736432	0.675562	1.203484
0	0	0	0	0	1.42278	0.69929	0.688558	0.676382	1.173476
0	0	0	0	0	0.349645	0.827135	0.592549	0.522418	0.888228
0	0	0	0	0	0.174823	0.962958	0.696179	0.552224	0.760144
0	0	0	0	0	0.087411	1.049136	0.608309	0.628969	0.951374
0	0	0	0	0	0.394632	0.883204	0.653884	0.704367	1.040545
0	0	0	0	0	2.298114	0.701853	0.749756	0.667441	0.868196
0	0	0	0	0	1.491423	0.871649	0.976882	0.68217	0.709303
0	0	0	0	0	3.523151	0.879318	0.975254	0.84969	0.676199
0	0	0	0	0	1.071809	1.264301	0.831388	0.597037	0.527147
0	0	0	0	0	1.486144	1.622786	0.809774	0.697416	0.682962
0	0	0	0	0	0.430197	1.416351	0.834901	0.677204	0.790706
0	0	0	0	0	0.215099	0.860394	0.740198	0.584894	0.769401
0	0	0	0	0	0.107549	0.900456	0.813116	0.518403	0.739282
0	0	0	0	0	0.053775	1.350548	0.643167	0.562843	0.801764
0	0	0	0	0	0.375682	1.137644	0.973633	0.71952	0.778859

0	0	0	0	0	2.028118	0.69759	0.929068	0.973488	0.822407
0	0	0	0	0	0.972987	0.816964	0.744951	0.925749	1.152884
0	0	0	0	0	2.372152	0.871649	0.749756	1.028976	1.025289
0	0	0	0	0	0.970821	1.290082	0.672894	1.063614	0.857879
0	0	0	0	0	1.069993	1.527021	0.957744	0.628233	0.837951
0	0	0	0	0	1.200496	0.780555	0.89401	0.432219	0.716606
0	0	0	0	0	0.378775	0.75755	0.891324	0.434566	0.676199
0	0	0	0	0	0.189387	0.966096	0.819878	0.697416	0.739282
0	0	0	0	0	0.094694	0.772414	0.397445	0.535281	0.916461
0	0	0	0	0	0.047347	0.897757	0.416314	0.471893	0.996296
0	0	0	0	0	0.406877	1.025034	0.562019	0.703492	1.387039
0	0	0	0	0	1.255485	0.766407	0.640153	0.692274	1.058374
0	0	0	0	0	1.258581	0.632319	0.656215	0.687192	0.672025
0	0	0	0	0	1.103456	0.660212	0.713611	0.702619	0.711118
0	0	0	0	0	0.621664	0.715786	0.930531	0.985035	0.75408
0	0	0	0	0	0.885766	0.684221	0.918963	1.263588	1.248063
0	0	0	0	0	0.784993	1.164149	0.844411	0.933103	1.323033
0	0	0	0	0	1.634882	0.997095	0.815359	0.683003	1.684806
0	0	0	0	0	0.493532	0.987065	0.78184	0.793507	1.729841
0	0	0	0	0	0.740299	1.293415	0.930531	1.051759	1.592644
0	0	0	0	0	2.234878	1.05683	0.813116	0.876187	1.021557
0	0	0	0	0	2.046792	0.914209	0.585871	0.666637	0.916461
0	0	0	0	0	2.086737	0.887125	0.674517	0.716807	0.761163
0	0	0	0	0	1.387934	0.690019	0.777698	0.898889	0.693307
0	0	0	0	0	1.065986	0.87803	0.724416	0.796746	0.75408
0	0	0	0	0	1.067985	0.770403	0.643923	0.813312	0.696811
0	0	0	0	0	1.054182	1.187106	0.617477	0.613064	0.635398
0	0	0	0	0	0.766715	1.366088	0.811999	0.643951	0.59392
0	0	0	0	0	0.888408	0.914209	0.730845	0.538259	0.639233
0	0	0	0	0	0.373482	0.770403	0.778729	0.470868	0.881448
0	0	0	0	0	0.186741	0.746964	0.752666	0.618781	0.787443
0	0	0	0	0	0.09337	1.258087	0.691084	0.737105	0.991069
0	0	0	0	0	0.046685	1.556657	0.822156	0.713216	1.017857
0	0	0	0	0	0.023343	1.189733	0.736432	0.715008	1.091998
0	0	0	0	0	0.011671	1.060728	0.743996	0.732408	0.956142
0	0	0	0	0	0.303796	0.794118	0.87169	0.643951	0.857879
0	0	0	0	0	1.400676	0.59592	0.800986	0.825874	0.885503
0	0	0	0	0	1.161522	0.860394	0.986777	0.889397	0.764233
0	0	0	0	0	0.373007	0.746014	0.970408	0.936079	0.591842
0	0	0	0	0	0.186504	1.354381	0.921826	0.837619	0.589775
0	0	0	0	0	0.093252	1.242933	1.028777	0.980048	0.775683
0	0	0	0	0	0.046626	1.429882	1.186555	1.257284	1.232689
0	0	0	0	0	0.023313	1.588464	1.300741	0.840006	1.404631
0	0	0	0	0	0.011656	0.987065	0.96245	0.706123	0.749091
0	0	0	0	0	0.005828	1.1519	0.776668	0.592274	0.708399
0	0	0	0	0	0.002914	1.307009	0.920393	0.590923	0.578913
0	0	0	0	0	0.001457	1.448604	0.822156	0.757407	0.659739

0	0	0	0	0	7.29E-04	1.142344	0.859078	0.584894	0.64544
0	0	0	0	0	3.64E-04	0.843446	0.782882	0.594989	0.836736
0	0	0	0	0	1.82E-04	1.121583	1.069186	0.700009	0.771485
0	0	0	0	0	9.11E-05	1.068632	1.134335	1.040218	0.531935
0	0	0	0	0	4.55E-05	0.774435	0.681894	0.838811	0.431401
0	0	0	0	0	2.28E-05	0.815848	0.649258	0.775598	0.394797
0	0	0	0	0	1.14E-05	0.866611	0.658559	0.753466	0.544139
0	0	0	0	0	5.69E-06	1.775246	0.655437	0.484379	0.420557
0	0	0	0	0	2.85E-06	1.161671	0.807561	0.503809	0.531935
0	0	0	0	0	1.42E-06	1.135313	0.701336	0.4807	0.599508
0	0	0	0	0	0.431436	1.270604	0.814236	0.518974	0.706596
0	0	0	0	0	1.642337	0.86287	0.789186	0.655537	0.714769
0	0	0	0	0	0.651348	0.740359	0.558271	0.634154	0.732545
0	0	0	0	0	1.620347	0.562337	0.643167	0.761384	0.808537
0	0	0	0	0	0.281169	0.742236	0.852906	0.907193	0.777798
0	0	0	0	0	0.511702	0.811414	0.710068	0.86845	0.697692
0	0	0	0	0	2.643542	0.847023	0.778729	0.637145	0.831907
0	0	0	0	0	1.39214	0.720233	0.940912	0.602545	1.094189
0	0	0	0	0	2.372152	1.009098	1.012547	0.766407	0.698574
0	0	0	0	0	1.322041	0.617956	0.676145	0.776631	0.594614
0	0	0	0	0	1.496768	0.864114	0.831388	0.575027	0.406809
0	0	0	0	0	2.234878	1.047234	0.777698	0.544276	0.443502
0	0	0	0	0	0.508939	1.106095	0.667263	0.618781	0.529534
0	0	0	0	0	0.25447	1.017879	0.67778	0.577636	0.45595
0	0	0	0	0	0.127235	1.112665	0.774616	0.594309	0.443993
0	0	0	0	0	0.063617	1.225418	0.620337	0.573081	0.578913
0	0	0	0	0	0.031809	1.331874	0.900799	0.6349	0.561822
0	0	0	0	0	0.383293	0.956749	0.796658	0.865902	0.575574
0	0	0	0	0	1.405008	0.734777	0.800986	0.690573	0.650154
0	0	0	0	0	0.367389	0.792004	0.746867	0.663437	0.630841
0	0	0	0	0	0.183694	0.888439	0.660916	0.571143	0.744159
0	0	0	0	0	0.091847	1.04534	0.732699	0.534096	0.724972
0	0	0	0	0	0.045924	1.331874	0.89401	0.590923	0.678723
0	0	0	0	0	0.022962	1.303571	0.764501	0.667441	0.792895
0	0	0	0	0	0.011481	1.068632	0.76052	0.65868	0.782058
0	0	0	0	0	0.00574	1.121583	0.757558	0.721337	0.764233
0	0	0	0	0	0.00287	1.20584	0.673705	0.683003	0.728742
0	0	0	0	0	0.001435	1.154323	1.043731	0.755432	0.706596
0	0	0	0	0	7.18E-04	0.946093	0.886001	0.918518	0.65492
0	0	0	0	0	3.59E-04	0.914209	0.903544	0.804398	0.65652
0	0	0	0	0	1.79E-04	0.767403	0.903544	0.898889	0.805137
0	0	0	0	0	8.97E-05	0.903172	0.857836	0.672295	0.682962
0	0	0	0	0	4.48E-05	0.940119	0.866601	0.668246	0.550372
0	0	0	0	0	2.24E-05	1.187106	0.87684	0.571788	0.523001
0	0	0	0	0	0.491079	0.982135	0.902169	0.597721	0.422892
0	0	0	0	0	1.228568	1.117101	0.709187	0.596353	0.470852
0	0	0	0	0	1.707084	2.29948	0.837259	0.552842	0.647006

0	0	0	0	0	0.463485	0.95215	0.792372	0.65868	0.755085
0	0	0	0	0	0.231743	0.926971	0.71898	0.678853	0.640004
0	0	0	0	0	0.115871	0.814735	0.722596	0.631184	0.723099
0	0	0	0	0	0.430943	0.746014	0.843211	0.626034	0.658127
0	0	0	0	0	1.460668	0.82828	0.680244	0.588233	0.620389
0	0	0	0	0	1.642337	0.987065	0.740198	0.567293	0.525366
0	0	0	0	0	0.404059	0.808118	0.549651	0.760386	0.617449
0	0	0	0	0	0.20203	0.870384	0.502333	0.720428	0.546621
0	0	0	0	0	0.494918	0.787806	0.712722	0.635647	0.487911
0	0	0	0	0	1.875562	1.019656	0.856598	0.591598	0.448438
0	0	0	0	0	1.7249	0.740359	0.604142	0.746654	0.478765
0	0	0	0	0	0.37018	0.941605	0.524197	0.68217	0.677038
0	0	0	0	0	0.576914	1.021441	0.71808	0.547316	0.519479
0	0	0	0	0	1.772927	0.783648	0.636414	0.53647	0.415466
0	0	0	0	0	1.838589	0.723823	0.775641	0.537662	0.611626
0	0	0	0	0	1.44607	0.723823	0.762506	0.627499	0.561178
0	0	0	0	0	0.361912	1.041577	0.849245	0.539456	0.453934
0	0	0	0	0	0.180956	0.880609	0.813116	0.542462	0.554789
0	0	0	0	0	0.090478	0.966096	0.667263	0.509924	0.694181
0	0	0	0	0	0.045239	0.849424	0.643923	0.522994	0.650154
0	0	0	0	0	0.022619	0.925534	0.743996	0.755432	0.731591
0	0	0	0	0	0.01131	0.808118	0.540601	0.871014	0.969118
0	0	0	0	0	0.005655	0.885814	0.855364	0.882742	1.081208
0	0	0	0	0	0.002827	1.245921	1.002055	1.019825	1.147885
0	0	0	0	0	0.001414	1.239964	0.914703	0.860849	0.880104
0	0	0	0	0	7.07E-04	1.161671	0.612516	0.670671	0.952957
0	0	0	0	0	3.53E-04	0.813626	0.779764	0.804398	0.935848
0	0	0	0	0	1.77E-04	1.028656	0.826747	0.881423	0.750085
0	0	0	0	0	8.84E-05	1.510164	0.821016	0.612355	0.640777
0	0	0	0	0	4.42E-05	1.601869	1.181302	0.700009	0.505668
0	0	0	0	0	2.21E-05	1.159208	1.10054	0.759391	0.559251
0	0	0	0	0	1.10E-05	1.852807	1.765262	0.728686	0.469808
0	0	0	0	0	0	1.538634	1.879125	0.843613	0.503408
0	0	0	0	0	0	0.444327	1.1205	0.840006	0.646222
0	0	0	0	0	0	0.222163	0.888654	0.837619	0.720304
0	0	0	0	0	0	0.111082	1.27086	0.788163	0.698574
0	0	0	0	0	0	0.055541	1.418454	0.713216	0.65492
0	0	0	0	0	0	0.02777	1.236928	1.002081	0.677038
0	0	0	0	0	0	0.013885	1.683351	0.733343	0.738313
0	0	0	0	0	0	0.006943	1.205456	0.600471	0.621127
0	0	0	0	0	0	0.003471	0.786022	0.803297	0.622608
0	0	0	0	0	0	0.001736	0.852906	0.712323	0.590463
0	0	0	0	0	0	8.68E-04	1.113744	0.73428	0.630841
0	0	0	0	0	0	4.34E-04	0.857836	0.631184	0.492283
0	0	0	0	0	0	0.310745	0.993501	0.707003	0.57226
0	0	0	0	0	0	1.644762	0.621055	0.705244	0.670367
0	0	0	0	0	0	0.310528	0.773594	0.459755	0.5716

0	0	0	0	0	0	0.155264	0.70568	0.56538	0.61235
0	0	0	0	0	0	0.077632	0.887325	0.805502	0.663796
0	0	0	0	0	0	0.038816	1.567549	0.914236	0.624093
0	0	0	0	0	0	0.019408	0.975254	0.820119	0.57624
0	0	0	0	0	0	0.009704	1.461038	0.968632	0.519479
0	0	0	0	0	0	0.004852	1.717865	1.053712	0.658932
0	0	0	0	0	0	0.002426	2.673186	0.68217	0.643102
0	0	0	0	0	0	0.001213	1.125063	0.696554	0.777798
0	0	0	0	0	0	6.06E-04	1.248963	0.952826	0.854072
0	0	0	0	0	0	3.03E-04	1.7964	0.821264	0.648577
0	0	0	0	0	0	1.52E-04	1.280594	0.892088	0.630086
0	0	0	0	0	0	7.58E-05	0.854133	0.858344	0.805137
0	0	0	0	0	0	3.79E-05	1.014321	1.116825	0.840393
0	0	0	0	0	0	0	1.513834	0.814439	0.836736
0	0	0	0	0	0	0	0.898902	0.983366	0.925302
0	0	0	0	0	0	0	3.029439	1.028976	0.946658
0	0	0	0	0	0	0	0.514488	1.21555	0.776739
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0	0	0	0	0	0	0	0.128622	1.079943	0.734459
0	0	0	0	0	0	0	0.064311	0.942095	0.721234
0	0	0	0	0	0	0	0.424123	0.918518	0.601622
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0	0	0	0	0	0	0	1.127362	0.698278	0.65572
0	0	0	0	0	0	0	0.349139	0.960657	0.627829
0	0	0	0	0	0	0	0.630272	1.09047	0.878765
0	0	0	0	0	0	0	1.205456	0.911405	0.779923
0	0	0	0	0	0	0	1.755359	1.244946	0.742202
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0	0	0	0	0	0	0	0.058598	0.880108	0.624093
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0	0	0	0	0	0	0	1.965235	0.788163	0.809676
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0	0	0	0	0	0	0	1.248963	1.053712	0.994547
0	0	0	0	0	0	0	1.853839	0.89074	0.769401
0	0	0	0	0	0	0	0.675581	0.671482	0.787443
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0	0	0	0	0	0	0	0.468561	0.725916	0.636163
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0	0	0	0	0	0	0	0.920393	0.996897	0.732545

0	0	0	0	0	0	0	1.10054	0.837619	0.878765
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0	0	0	0	0	0	0	1.186555	0.853378	0.643102
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0	0	0	0	0	0	0	1.965235	0.724996	0.591152
0	0	0	0	0	0	0	1.277325	0.772513	0.719377
0	0	0	0	0	0	0	1.10054	0.788163	0.654122
0	0	0	0	0	0	0	1.061193	0.736161	0.719377
0	0	0	0	0	0	0	0.814236	0.645478	0.792895
0	0	0	0	0	0	0	0.917539	0.624573	0.525366
0	0	0	0	0	0	0	0.923265	0.779746	0.688967
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0	0	0	0	0	0	0	2.876012	0.704367	0.57624
0	0	0	0	0	0	0	0.900799	0.546097	0.658932
0	0	0	0	0	0	0	1.125063	0.763386	0.662981
0	0	0	0	0	0	0	1.486634	0.968632	0.636163
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0	0	0	0	0	0	0	1.023299	0.681338	1.012366
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0	0	0	0	0	0	0	1.765216	0.752666	0.461755
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0	0	0	0	0	0	0	1.499279	0.852906	0.697416
0	0	0	0	0	0	0	0.947599	0.583887	0.623845
0	0	0	0	0	0	0	0.859161	0.641657	0.624573
0	0	0	0	0	0	0	1.258087	0.757558	0.835244
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0	0	0	0	0	0	0	1.1519	0.633446	0.670671
									1.264001

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0	0	0	0	0	0	0.740359	1.548896	0.872302	0.835523
0	0	0	0	0	0	1.79603	0.814236	0.693127	0.863007
0	0	0	0	0	0	1.527021	0.693624	0.587563	0.916461
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0	0	0	0	0	0	1.904263	0.902169	0.630444	0.598805
0	0	0	0	0	0	1.378119	0.782882	0.858344	0.856606
0	0	0	0	0	0	1.267441	0.667263	0.713216	0.844081
0	0	0	0	0	0	1.197711	0.79451	0.750534	0.721234
0	0	0	0	0	0	0.787806	0.654659	0.692274	0.835523
0	0	0	0	0	0	0.63159	0.702201	0.637896	1.173476
0	0	0	0	0	0	0.604738	0.55765	0.640913	1.813295
0	0	0	0	0	0	1.386329	0.797736	0.713216	0.904947
0	0	0	0	0	0	0.98872	0.865338	0.757407	0.681261
0	0	0	0	0	0	0.765414	0.786022	0.644714	0.749091
0	0	0	0	0	0	0.892408	0.931999	0.501607	0.639233
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0	0	0	0	0	0	1.049136	0.988448	0.752486	1.150378
0	0	0	0	0	0	0.922675	1.023299	0.942095	1.315657
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0	0	0	0	0	0	1.097486	0.621774	0.586894	0.889597
0	0	0	0	0	0	0.85305	0.623939	0.502707	1.085492
0	0	0	0	0	0	1.161671	1.045637	0.903021	1.559354
0	0	0	0	0	0	0.87803	0.983453	0.896155	1.6287
0	0	0	0	0	0	1.123841	0.900799	0.954381	1.226689
0	0	0	0	0	0	0.943096	1.010781	1.232948	1.30127
0	0	0	0	0	0	1.736444	0.787074	0.749561	1.579021
0	0	0	0	0	0	0.824323	1.012547	0.773539	1.168236
0	0	0	0	0	0	1.660056	0.861571	0.939077	1.140493
0	0	0	0	0	0	0.790275	0.892664	0.740899	1.409143
0	0	0	0	0	0	1.581914	0.71898	0.776631	1.052349
0	0	0	0	0	0	1.258087	0.670472	0.693981	0.831907
0	0	0	0	0	0	0.925534	0.70743	0.590249	0.712939
0	0	0	0	0	0	1.121583	0.842014	0.652417	0.864298
0	0	0	0	0	0	1.644762	0.957744	0.744727	1.066539
0	0	0	0	0	0	1.041403	1.153495	1.177478	1.516658
0	0	0	0	0	0	1.358248	1.125063	2.201017	1.395746
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0	0	0	0	0	0	0.39092	0.792372	0.930146	0.915005
0	0	0	0	0	0	0.19546	1.141421	0.790293	1.107569
0	0	0	0	0	0	0.09773	0.93495	0.676382	1.114417
0	0	0	0	0	0	0.048865	1.049474	0.904407	1.046407
0	0	0	0	0	0	0.024432	1.163402	0.893439	0.925302
0	0	0	0	0	0	0.012216	1.325492	0.802198	0.769401
0	0	0	0	0	0	0.3665	0.821016	0.655537	0.789616

[illegible]

[illegible]

[illegible]

0.899626	0.870998	0.750054	0.683827	0.89359	0.617854	0.611255	0.860088	0.718973	0.741728
0.674174	0.656701	0.816386	0.731458	0.718883	0.693534	0.626451	0.810396	0.672053	0.727261
0.652631	0.674197	0.814152	0.83309	0.565957	0.672756	0.642928	0.750324	0.701628	0.778151
0.667679	0.58369	0.553267	0.612158	0.653085	0.746577	0.808987	0.688394	0.53785	0.653053
0.837005	0.737889	0.553267	0.696308	0.682717	0.652183	0.603185	0.678611	0.668887	0.751021
0.641109	0.75907	0.734014	0.671694	0.714519	0.513791	0.601854	0.809306	0.779648	0.743571
0.754843	0.853481	1.043613	0.814967	0.621125	0.68865	0.784033	0.923232	1.017497	0.742648
0.851527	0.711458	0.718546	0.695465	0.705922	0.949094	0.952214	0.662003	0.648857	0.72108
0.819511	0.658263	0.63726	1.066281	0.916477	0.838988	0.916514	0.881417	0.612064	0.722837
1.070986	0.765031	0.852565	1.005449	0.800675	0.658933	0.835463	0.923232	0.777618	0.78318
0.953723	0.855941	0.885421	0.791222	0.756419	0.698473	0.709899	0.779831	0.90498	0.787244
0.822954	0.757101	0.74718	0.74541	0.831383	1.019356	0.861238	0.73171	0.862335	0.862895
0.896885	0.732287	0.598289	0.915643	0.622527	0.902977	1.055949	0.804971	0.585891	0.895701
0.959997	0.848604	0.809719	0.836573	0.675514	0.69682	1.123274	0.939093	0.684949	0.85328
0.699434	0.985774	1.025117	0.90596	0.966222	0.912359	0.85883	1.082165	0.877362	0.815725
0.751898	0.674197	0.697605	1.080358	0.902869	0.873506	0.850508	0.819221	0.764648	1.059287
0.883435	0.651279	0.787158	1.080358	0.829116	0.731132	0.936143	1.162688	0.73704	1.093038
0.79723	0.935576	1.238194	0.908705	0.946524	0.949094	1.189927	2.053565	1.157448	0.742648
0.754843	0.782378	0.978788	1.099155	1.627161	1.196697	0.989488	1.04501	1.206227	0.70137
0.933939	0.73695	1.055101	0.922694	0.910983	0.814518	0.897733	0.885292	1.145473	0.771208
1.003143	0.842583	0.89875	0.892492	0.804931	1.040671	0.981455	0.845639	1.385263	1.090978
0.906554	1.057974	0.842936	0.765727	0.967775	0.829929	0.829812	1.058332	1.054193	0.799673
0.76784	0.818169	0.807519	1.213217	1.421694	0.930338	0.68346	0.865013	0.832605	0.878988
0.738413	0.660616	1.115361	1.045043	0.770018	0.733818	0.690735	0.648256	0.985292	1.066996
0.813832	0.84378	0.80424	0.727813	0.626763	0.843589	0.805788	0.754144	0.969256	1.125165
0.95062	0.938549	0.908331	0.762765	1.006816	0.992473	0.79946	0.793267	0.794131	0.685736
0.753859	0.714119	0.86491	0.831934	0.77698	0.888632	0.633538	0.692536	0.638443	0.684122
0.728104	0.670963	0.868682	0.786002	0.746961	0.72935	0.740788	0.551004	0.917376	0.729043
0.90516	0.848604	0.782991	0.637207	0.639725	0.837845	0.979865	0.677805	0.82917	0.788267
0.77915	0.700975	0.726666	0.687947	0.685145	0.741063	0.632111	0.824829	0.750149	0.641221
0.62256	0.51329	0.944382	0.904594	0.829116	0.69682	0.5535	0.679417	0.727912	0.643415
0.71713	0.554393	0.777837	0.673293	0.74046	0.481473	0.568002	0.627702	0.861106	0.634705
0.750921	0.635406	0.809719	0.639423	0.599941	0.58159	0.661577	0.748426	0.681689	0.605527
0.626207	0.729512	0.688335	0.755933	0.652332	0.577811	0.595262	0.72538	0.541362	0.537273
0.687463	0.724928	0.866164	0.754001	0.735875	0.660447	0.574191	0.614288	0.610683	0.595563
0.891455	0.654369	0.643231	0.64165	0.65158	0.596388	0.597887	0.571301	0.673644	0.70137
0.647216	0.670963	0.589567	0.542881	0.726849	0.631829	0.717635	0.56567	0.52691	0.616412
0.624744	0.580408	0.509152	0.59578	0.712786	0.677463	0.607201	0.668255	0.633328	0.619871
0.630624	0.627318	0.614163	0.631353	0.54843	0.631829	0.615347	0.637857	0.780666	0.604855
0.701172	0.551937	0.660871	0.618462	0.537318	0.805951	0.703137	0.681847	0.648857	0.708976
0.597854	0.757101	0.70534	0.533496	0.617637	0.670421	0.601854	0.763845	0.58916	0.653053
0.508827	0.592341	0.64248	0.636471	0.66921	0.597699	0.636406	0.660454	0.706759	0.715851
0.526511	0.729512	0.659308	0.666147	0.582937	0.619231	0.627859	0.654312	0.724314	0.809233
0.55852	0.840198	0.697605	0.547051	0.62961	0.626185	0.732633	0.720026	0.549072	0.624058
0.629147	0.506066	0.623398	0.615649	0.633916	0.554612	0.630689	0.62059	0.504203	0.702208
0.812706	0.492505	0.643983	0.589134	0.605985	0.592479	0.630689	0.554019	0.565535	0.736246
0.938425	0.549494	0.586919	0.589134	0.644872	0.699302	0.645124	0.589956	0.506367	0.557849

0.713533	0.634665	0.531811	0.668516	0.628185	0.500994	0.640743	0.703495	0.481087	0.688981
0.524188	0.608081	0.653883	0.755933	0.737703	0.503101	0.616719	0.878853	0.623275	0.77417
0.637335	0.664567	0.770723	0.806181	0.777984	0.548708	0.686678	0.955556	0.816804	0.677728
0.701172	0.612987	0.648524	0.645388	0.817956	0.819959	0.702299	0.792219	0.781687	0.840398
0.678283	0.695827	0.873764	0.910083	0.752611	0.843589	0.93758	0.720026	0.752054	0.838096
0.562297	0.691583	0.925262	0.888531	0.689221	0.638989	0.840037	0.772764	0.844254	0.831263
0.665268	0.701839	0.720337	0.690439	0.735875	0.716217	0.956702	0.83051	0.771583	0.806023
0.856477	0.578451	0.792424	0.690439	0.814663	0.923335	0.851687	0.827093	0.72342	0.91582
0.605468	0.457626	0.936928	0.858085	0.558618	0.861291	0.842342	0.649009	0.780666	0.814637
0.499973	0.477286	0.700168	0.775746	0.689221	0.644072	0.792192	0.795372	0.879918	0.954563
0.677458	0.71949	0.624117	0.889847	0.717132	0.598356	0.781012	0.690046	0.768597	0.776156
0.665268	0.652821	0.687501	0.722401	0.773982	0.773278	0.791164	0.831655	0.761709	1.017436
0.728104	0.707059	0.780922	0.770707	0.66921	0.67432	0.669266	0.715614	0.691544	0.881518
0.928029	0.870998	0.721236	0.782899	0.646354	0.61648	0.72728	0.720914	0.742609	0.758601
0.692553	0.727673	0.780922	1.058438	0.782022	0.615795	0.86977	0.686748	0.672848	0.73173
0.665268	0.83312	0.889377	0.865499	0.845239	0.68865	0.587481	0.821455	0.772583	0.878988
0.796145	1.090588	0.888054	0.724197	0.718007	0.875991	0.673946	0.890513	0.85988	0.870249
0.907953	0.878726	0.785069	0.827345	0.679501	0.85176	0.783023	0.716493	0.767607	0.749146
0.803795	0.802623	0.802068	0.967586	1.057296	0.889917	0.975133	0.638592	0.855012	0.849729
0.912178	0.900035	0.908331	0.808361	1.141415	0.919186	0.68346	0.646755	0.917376	1.290975
1.031996	0.921009	0.848929	0.601171	0.801735	0.909658	0.87722	1.028461	0.811297	1.365389
2.020442	0.974287	1.628047	0.672493	0.792286	1.437992	0.840037	0.995468	1.073774	0.704734
1.417294	1.132794	1.093624	1.107777	0.883224	0.944694	0.741704	1.249445	1.530015	0.897014
0.912178	0.71949	0.774774	1.058438	1.209074	0.835569	0.840037	1.261618	1.313559	1.346481
1.1741	0.75319	0.814152	0.871775	1.326699	0.783227	1.192507	1.103077	0.780666	0.903637
0.809343	0.897314	0.998771	0.855641	1.101536	0.824362	0.882258	1.072075	0.7511	0.802836
0.860227	0.859656	1.028754	0.950582	0.917862	0.764516	0.784033	1.170124	0.852598	0.942719
1.04911	0.925328	0.776813	0.835409	0.670777	0.872269	0.860032	0.863777	1.039141	0.951571
0.870389	0.822714	0.798829	0.71265	0.955504	0.763553	0.815456	0.757032	0.855012	0.910363
0.861484	0.697536	1.016156	0.854425	1.097322	0.741063	0.678677	0.703495	0.675241	0.745421
1.80903	0.826155	0.871216	0.879428	0.822386	0.840133	0.996024	0.878853	0.742609	0.864112
1.524605	0.792916	0.853784	0.778797	0.835953	0.95954	1.052186	1.209342	1.096383	1.03154
0.841792	0.810326	0.900106	0.611463	1.531901	1.010775	0.976705	0.804971	1.056112	1.022672
1.015531	0.931154	1.102189	0.871775	1.319647	0.856499	1.13445	1.017769	0.863568	1.672805
1.116083	0.953727	0.872488	1.062342	1.027736	0.924726	1.459213	1.160237	0.852598	1.131886
0.759796	0.967857	0.863659	0.892492	1.295827	1.243453	1.095493	0.919004	1.169763	0.688167
0.754843	1.262299	0.920967	1.196876	1.493714	0.858888	0.981455	0.757998	1.029991	0.750083
0.86655	1.312211	0.869947	0.859312	0.978804	0.816686	1.057843	0.749374	0.803703	1.035139
0.898253	0.819301	1.000479	0.955154	0.661457	0.721423	1.021449	0.862544	0.782711	1.122948
1.047175	0.702704	0.660089	0.74541	0.70934	0.785244	0.85287	1.078101	1.065835	0.855664
1.176695	0.666954	0.680075	1.000319	0.822386	0.886074	0.764279	0.833955	0.864804	0.768266
1.109346	0.869723	0.793485	1.352757	0.846414	0.660447	0.854055	0.750324	0.851396	0.9761
0.878169	0.860902	0.977163	0.952101	0.920645	0.773278	0.999329	0.862544	1.015741	1.038768
0.902384	1.099139	0.766709	0.724197	0.860765	0.795474	0.947771	1.182807	1.167272	0.777153
0.788628	0.913905	0.75586	0.737913	0.852336	0.883532	0.90169	1.01252	1.190224	0.647097
0.890108	1.09271	0.935452	0.918449	0.849957	0.899018	0.874722	0.748426	0.946259	1.010552
0.77811	1.174383	1.201353	0.816078	0.746026	1.080689	0.829812	0.835109	0.978806	0.929769

0.949077	0.931154	0.977163	1.041291	0.831383	0.943237	1.187361	1.035739	0.626839	0.652304
1.302571	0.86592	0.906949	1.026597	0.851145	0.774263	0.747239	0.74748	0.697398	0.914449
1.395226	0.88925	0.740547	0.702257	0.771996	0.881003	0.658538	0.907929	0.810204	0.90766
0.971198	0.792916	0.867421	0.756903	0.851145	0.784234	0.835463	0.871249	0.708483	0.702208
0.768856	0.724017	0.901466	0.844813	0.892281	0.65592	1.006016	0.83051	0.56928	0.763407
0.828753	0.830786	0.819759	0.632809	0.747897	0.65592	0.765246	0.94204	0.759761	0.674566
1.262736	1.067906	0.727578	0.694623	0.832521	0.693534	0.746311	0.983918	0.866043	0.657574
1.132219	0.730435	0.745275	0.812754	0.851145	0.821056	0.796331	1.032085	0.779648	0.77417
1.100524	0.628047	0.867421	0.826205	0.677902	0.85294	1.03745	0.774772	0.72611	1.038768
1.288882	0.774128	0.889377	0.656798	0.699164	0.76548	0.792192	0.835109	0.825763	0.887908
1.073031	0.792916	0.787158	0.776761	0.799617	0.737425	1.023198	0.784949	0.878638	0.619871
0.894161	0.751248	1.1359	0.879428	0.998388	0.807012	0.979865	0.795372	0.665745	0.704734
0.882113	0.868452	1.301783	0.928418	0.762195	0.874746	0.810058	0.833955	0.985292	0.848551
1.031996	0.928231	0.953498	0.76375	0.644872	0.804892	0.875969	0.998826	0.80586	1.046118
1.189902	0.870998	0.788206	0.799707	0.625347	0.82658	1.021449	0.814786	0.903624	0.788267
1.440543	1.237852	0.844128	0.89382	0.810311	0.815601	0.826457	0.52932	0.873556	0.803896
0.964762	0.855941	0.868682	0.813859	0.897543	0.995744	0.665404	0.648256	1.152618	0.81355
0.68662	0.671769	0.699312	0.828487	0.674721	0.702632	0.660815	0.728081	0.781687	0.817911
0.559775	0.774128	0.886735	1.000319	0.833662	0.724928	0.660815	0.846825	0.652638	0.772193
0.867826	0.789728	0.702746	0.782899	0.730437	0.832176	0.732633	0.590614	0.704186	0.74635
0.925103	0.810326	0.830036	0.715288	0.866888	0.626185	0.728168	0.835109	0.782711	0.711542
0.861484	0.667753	0.723038	0.782899	0.70934	0.727576	1.057843	0.912049	0.885076	0.926943
0.690001	0.71859	0.833516	0.662227	0.781009	0.789307	0.884799	0.886591	0.595772	0.906315
0.826424	0.860902	0.877615	0.827345	0.79751	0.838988	0.601854	0.778814	0.597106	0.657574
0.746068	0.821574	0.847724	0.998623	0.95249	0.653674	0.608548	0.974257	0.713696	0.704734
0.746068	0.520065	0.759774	0.904594	0.744163	0.713637	0.647331	0.764827	0.732452	0.726373
0.743181	0.622969	0.81304	0.724197	0.77899	0.615795	0.772073	0.709512	0.676042	0.745421
0.792907	0.745472	0.876328	0.777778	0.768049	0.833304	0.755676	0.704349	0.665745	0.655307
0.989405	0.837825	0.681715	0.758848	0.722405	0.622694	0.715041	0.65584	0.628991	0.758601
0.834631	0.765031	0.742432	0.702257	0.680303	0.715355	0.723748	0.835109	0.898243	0.780156
0.798317	0.664567	0.724848	0.754966	0.807075	0.73924	0.867315	0.778814	1.017497	0.697201
1.214738	0.78867	0.688335	0.864254	0.963133	0.761633	0.674731	0.586682	0.619037	0.648578
1.171522	0.799363	0.925262	0.804012	0.687586	0.665789	0.678677	0.610826	0.606565	0.745421
0.86401	0.650509	0.835852	0.587817	0.641923	0.750292	0.806852	0.794318	0.664182	0.827886
0.78439	0.829624	0.754887	0.701402	0.727743	0.817774	0.782016	0.807133	0.737963	0.622658
0.810461	0.81704	0.774774	0.842443	0.762195	0.50628	0.613296	0.608762	0.604521	0.693071
0.813832	0.700975	0.758792	0.835409	0.731339	0.624087	0.709899	0.593255	0.65416	0.786225
0.772945	0.574563	0.826583	0.811651	0.65158	0.65592	0.798414	0.798548	0.630432	0.59622
0.790762	0.780301	0.797755	0.776761	0.79646	0.741063	0.703976	0.906564	0.853803	0.576925
0.938425	0.743564	0.781955	0.931309	0.717132	0.751226	0.756623	0.703495	0.694879	0.684122
1.02095	0.86592	0.785069	0.910083	0.869362	0.701797	0.651035	0.55281	0.695717	0.720204
0.710854	0.934097	0.838201	0.823934	0.857133	0.835569	0.794257	0.799612	0.6681	0.743571
0.573829	0.859656	0.772744	0.924118	0.905557	0.952053	0.790138	0.988831	0.822381	0.640493
0.759796	0.873559	0.909717	0.955154	1.01541	1.111714	0.72551	0.713862	0.856224	0.855664
0.928029	0.86466	0.933982	0.80727	0.767068	0.709372	0.712462	0.627702	1.015741	0.780156
0.707308	1.00273	0.781955	0.64165	0.744163	0.711073	0.686678	0.649762	0.87609	0.738978
0.819511	0.902774	0.689169	0.788082	0.825738	0.621999	0.826457	0.839758	0.777618	0.704734

0.77811	1.080131	0.847724	0.838912	0.841733	0.59183	0.504121	0.649762	0.642134	0.715851
1.039519	1.116764	0.855006	0.694623	0.774979	0.648477	0.646594	0.78085	0.659528	0.811386
0.834631	0.700975	0.687501	0.589134	0.626054	0.79444	0.862446	0.887895	0.826896	0.676144
0.926563	0.651279	0.704474	0.743523	0.736788	0.760677	0.911065	0.852803	0.582001	0.720204
1.037626	0.761048	1.047409	0.848392	0.878132	0.80173	0.662339	0.659681	0.73063	0.832394
1.047175	0.893263	0.876328	0.748255	0.897543	0.787271	0.665404	0.691705	0.778631	0.749146
0.789694	0.757101	0.671168	0.709158	0.860765	0.864919	0.771091	0.93037	0.799423	0.703048
0.828753	0.575208	0.751016	0.77171	0.942102	0.71708	1.055949	0.934709	0.75301	0.778151
1.019136	0.700112	0.842936	0.667724	0.937725	0.7531	0.804727	0.878853	0.779648	0.817911
1.056938	0.819301	0.711453	0.656798	0.974043	0.708523	0.757573	1.076083	0.772583	0.919958
0.99794	0.711458	0.599647	0.710029	1.061137	1.00739	0.856436	1.024868	0.710214	0.779152
0.888765	0.79185	0.871216	0.879428	0.934831	0.941784	0.911065	0.807133	0.690714	0.711542
1.136942	0.979173	0.838201	0.818308	0.896221	0.726692	0.756623	0.966367	0.75879	0.77417
1.25023	0.964677	0.955036	0.697153	0.859551	0.681426	0.786058	0.897129	0.768597	1.093038
0.972822	0.673386	0.786113	0.838912	1.066962	0.755926	0.796331	0.954033	0.736118	0.88534
0.72996	0.615107	0.782991	0.825068	0.960065	0.981216	0.828691	0.72538	0.852598	1.328362
0.901003	0.733215	0.875044	0.767712	0.758336	0.748431	0.776023	0.646755	0.785796	0.94126
0.882113	0.86466	0.831193	0.657569	0.704223	0.662729	0.817634	0.69756	0.823506	0.769245
0.809343	0.683217	0.729407	0.728721	0.735875	0.723172	0.905683	0.910672	0.799423	0.78318
0.741268	0.742613	0.945888	0.786002	0.698327	0.642614	0.662339	0.706923	0.710214	0.775162
0.903769	0.642138	0.752947	0.795444	0.603288	0.710221	0.64955	0.835109	0.735199	0.881518
0.771919	0.706185	0.676815	0.726906	0.645612	0.69682	0.692368	0.902496	0.881202	0.636867
0.756817	0.700112	0.678442	0.829633	0.700844	0.756872	0.999329	1.131861	0.927268	0.633987
0.552915	0.612283	0.724848	0.664574	0.752611	0.807012	1.014522	0.94204	1.162332	0.785207
0.549219	0.589661	0.74718	0.643142	0.771996	0.788288	0.747239	0.765811	0.958372	0.834666
0.865278	1.013231	0.830036	0.844813	0.809229	0.800681	0.823127	0.849207	0.794131	0.771208
0.71894	1.044441	0.973933	0.972342	0.945045	1.059268	0.766215	0.886591	0.993539	0.831263
1.035741	1.176958	0.932516	0.729632	1.003425	0.841282	0.755676	0.997144	1.01926	0.950083
1.132219	0.88925	0.785069	0.683007	0.898868	0.816686	0.979865	1.002209	0.998563	0.990532
1.554601	0.758085	0.687501	0.658342	1.03494	0.768388	0.946301	0.848014	0.742609	1.046118
1.787267	0.941543	0.880202	0.654492	0.922042	0.833304	0.729057	0.724483	0.694879	0.78318
1.485813	0.820436	0.861169	0.721505	0.897543	0.641887	0.796331	0.854009	0.7059	0.758601
1.214738	0.783421	0.784029	0.854425	0.869362	0.721423	0.773057	0.93037	0.866043	0.859264
0.942958	0.774128	0.861169	0.823934	0.978804	1.00403	0.828691	0.723588	0.718973	0.911721
1.151426	1.046349	0.951965	0.952101	1.289255	0.843589	0.788093	0.774772	0.697398	0.843873
1.189902	1.05019	1.471349	0.813859	0.777984	0.600994	1.006016	0.946499	0.75589	1.022672
0.925103	0.75907	0.945888	0.860542	0.754511	0.699302	0.917887	1.287037	0.885076	0.779152
0.939931	0.894609	0.766709	1.170938	1.097322	0.79651	0.855244	0.78805	0.952273	0.735339
0.933939	0.777204	0.86491	1.227321	1.033128	0.808077	0.93758	0.681036	0.871038	0.929769
0.825264	0.97267	1.062932	0.998623	0.69251	0.732025	0.801559	0.770766	1.015741	0.859264
0.787564	0.893263	0.815268	0.888531	0.806002	0.741063	0.85287	0.789088	0.770586	0.708124
0.768856	0.854709	0.863659	0.794384	0.870604	0.808077	0.826457	0.891828	0.698241	0.673779
0.852759	0.744517	0.955036	0.782899	0.690041	0.802781	0.771091	0.842101	0.825763	0.921346
1.037626	0.855941	0.972326	0.821675	0.708483	0.745653	0.746311	1.016013	0.924419	0.985668
0.963167	1.004463	0.88411	0.855641	0.817956	0.964094	0.802613	0.9275	0.914591	0.858061
1.102713	0.83312	1.02331	0.897829	0.964675	1.120376	0.857632	0.943521	0.864804	1.101376
1.033865	0.870998	1.047409	0.962882	0.936275	0.944694	0.806852	0.80605	0.930136	1.082836

1.342603	0.872276	0.70534	0.880717	0.800675	0.82881	0.848159	1.088334	1.174789	0.963663
2.145865	0.946072	0.576482	0.766718	0.879399	0.68382	0.751906	1.024868	0.849002	1.042427
1.382504	0.709693	0.819759	0.709158	0.798562	0.777231	0.986257	0.819221	0.846622	1.274991
1.206301	0.744517	0.795615	0.758848	0.75356	0.743811	1.023198	1.261618	0.79308	0.876473
1.502016	0.870998	0.80533	0.651436	0.800675	0.712781	1.145922	1.035739	0.990221	0.76729
0.961579	0.662192	0.880202	0.63427	0.85834	0.692716	0.911065	0.952516	1.007067	1.024431
0.704668	0.763035	1.028754	0.780843	0.74046	0.944694	0.782016	0.876303	1.00025	1.03695
0.740314	0.780301	1.014386	0.967586	0.539634	0.891206	0.961237	0.9275	0.867287	0.765344
0.920752	1.11007	0.754887	0.761783	0.511538	1.038854	1.048454	1.243484	1.283327	0.929769
0.86655	1.333902	0.68336	0.728721	0.610745	0.777231	0.774044	0.855218	0.918775	0.799673
0.991099	1.130468	0.809719	0.646892	0.772988	0.774263	0.667717	0.857646	0.845436	0.849729
0.909357	1.054065	0.776813	0.670898	0.940638	0.893794	0.815456	0.875034	0.970833	0.925537
0.99622	1.063906	1.055101	0.788082	1.127711	0.987613	1.017971	1.361843	0.996881	1.04984
0.967968	0.975909	0.998771	0.829633	0.894904	0.982806	1.012807	1.983137	0.956839	0.9761
1.247159	0.895959	0.826583	0.975541	0.889674	0.887352	1.205644	1.354137	0.978806	1.074844
1.440543	0.704441	0.70534	0.835409	0.937725	0.815601	1.141297	1.007334	0.931577	0.987283
1.104913	0.79185	0.741489	1.048828	1.072867	0.892498	1.304024	0.850402	1.001944	0.835806
1.313128	0.99417	0.871216	1.082407	1.057296	0.856499	1.114535	0.804971	0.949256	0.88534
1.06491	0.841389	1.081086	0.874311	0.712786	0.75782	0.989488	0.844456	1.111409	1.200205
1.02095	0.793984	0.863659	0.912854	0.924852	0.754982	0.941918	0.980674	1.050381	1.11419
0.714429	0.829624	0.8815	0.850795	1.312707	1.048014	0.87722	1.175153	0.903624	0.819008
0.672541	0.797203	0.900106	0.843626	0.95854	1.103222	0.979865	0.833955	0.7511	0.810308
0.871676	1.082202	1.062932	1.072259	0.961596	1.2493	0.915145	0.997144	0.920179	1.057381
0.788628	0.883956	0.772744	1.043163	1.193102	0.982806	0.930444	1.438141	1.079824	0.876473
0.765815	0.596392	0.715872	0.869253	1.129965	0.76548	0.999329	1.098813	0.878638	0.891787
1.022772	0.710575	0.965959	0.753038	0.773982	0.786256	0.837744	0.998826	0.75301	0.928354
1.02095	0.775151	0.80533	0.791222	0.924852	0.787271	0.823127	1.003911	0.820142	0.775162
1.209095	0.97267	0.722136	0.735135	0.839412	0.776239	0.79946	0.949497	0.584591	0.737155
0.892806	0.849818	0.877615	0.917044	0.827987	0.875991	0.996024	0.659681	0.669677	1.007151
0.841792	0.931154	0.926703	0.852002	0.760261	0.819959	0.915145	0.685108	0.696557	0.960608
1.120632	0.798282	0.785069	0.696308	0.786099	0.808077	0.843499	0.694204	0.783737	0.738978
1.16641	0.732287	0.90283	0.885911	0.855929	0.755926	0.961237	0.695879	0.72342	0.664445
0.748973	0.820436	1.119842	0.870512	0.801735	0.744731	0.674731	0.598586	0.735199	0.646358
0.94448	0.809218	0.876328	0.76375	0.765112	0.732025	0.700628	0.764827	0.967684	0.69225
0.949077	0.883956	0.722136	0.762765	0.665316	0.802781	1.141297	0.893148	0.814593	0.759558
0.829923	1.035027	0.824296	0.819427	0.765112	0.936024	1.307383	0.971083	0.790987	0.850909
0.853995	1.016789	0.958129	1.058438	1.00006	0.799634	0.794257	0.885292	1.088025	0.804958
0.890108	0.916732	0.83938	0.717941	1.036759	0.940337	0.843499	1.293632	0.941802	0.738978
0.977731	0.81479	0.808618	0.705694	1.013678	0.909658	0.841188	0.865013	0.950762	0.902304
1.008409	1.080131	0.853784	0.892492	1.245839	0.915077	1.087291	0.833955	0.813492	0.97768
1.374225	1.09271	1.145349	0.915643	1.047841	0.944694	1.007704	0.787014	0.695717	0.776156
1.766543	0.774128	1.108725	0.991902	0.758336	0.725809	0.958208	0.785981	0.798359	0.891787
1.659472	0.822714	0.80533	0.795444	0.766089	0.73024	0.930444	1.122799	0.914591	0.965198
1.843866	0.86466	0.775792	0.914246	0.875608	0.76548	0.765246	1.187986	1.090099	0.791348
1.496547	0.984114	0.757812	0.802932	0.708483	0.669646	0.834327	0.833955	0.913205	0.688167
0.906554	1.259166	0.85135	0.617053	0.725066	0.87849	0.760434	0.821455	1.012251	0.91582
0.608974	0.995868	0.931056	0.724197	1.02065	1.103222	0.798414	0.710379	0.806942	0.796532

0.741268	0.827308	0.868682	0.924118	0.811395	0.961053	0.958208	0.995468	0.778631	0.689796
0.835817	0.969455	0.990333	0.836573	0.795413	0.760677	0.779009	1.072075	0.966118	0.886622
0.606867	0.886595	0.751981	0.813859	0.762195	0.827694	0.682659	1.113923	0.709348	0.862895
0.541919	0.84378	0.656975	0.990238	0.883224	0.7531	0.746311	0.936166	0.851396	0.913083
0.577087	0.823858	0.958129	1.037571	0.834806	0.692716	0.808987	0.940564	0.650366	0.689796
0.652631	1.029474	0.978788	0.78187	0.765112	0.698473	0.715041	0.80605	0.781687	0.684928
0.806005	0.93706	0.85993	0.79757	0.874351	0.754982	0.842342	0.835109	0.815697	0.73263
0.67911	0.947592	1.169915	0.865499	0.831383	0.708523	0.941918	1.066132	1.075781	1.03695
0.831095	1.114521	1.190619	0.88201	0.696657	0.863706	0.958208	0.907929	0.877362	0.846206
0.852759	0.882643	0.970725	0.875585	0.822386	0.746577	0.694008	0.793267	0.817914	0.739893
0.814962	1.119018	0.844128	0.897829	0.822386	0.73924	0.769134	0.861314	0.90498	0.97768
0.534739	0.915316	1.012623	0.929861	0.786099	0.869805	1.006016	0.907929	1.022808	0.94126
0.535928	0.870998	1.016156	0.783931	0.85353	0.95653	0.832064	0.85643	0.776606	0.760517
0.811582	0.873559	0.772744	0.713528	0.889674	0.897706	0.843499	1.231803	0.944768	0.847377
0.752878	0.876135	0.81193	0.89382	0.852336	0.928928	0.759479	1.070085	0.986929	0.869015
0.690001	1.018578	0.928149	1.125553	0.794368	0.884801	0.872239	0.882705	0.699085	0.754794
1.087618	1.088476	1.159921	0.897829	1.066962	0.902977	0.776023	0.721803	0.639179	0.674566
1.683868	1.048265	1.009119	0.767712	0.977211	1.040671	0.808987	0.837427	0.815697	0.757646
1.358126	0.874845	0.80533	0.676507	0.722405	1.08269	0.917887	0.946499	0.949256	1.020919
0.734636	0.940043	1.03612	1.037571	0.811395	0.973349	1.12771	0.977453	0.914591	1.055483
0.739363	1.067906	1.019719	1.014136	0.913721	0.710221	0.72728	1.026661	0.970833	0.796532
0.887426	0.831951	0.808618	0.678123	0.689221	0.692716	0.720244	1.157801	0.964558	0.842712
0.63285	0.668553	0.752947	0.811651	0.783038	0.764516	0.810058	0.966367	0.771583	0.935477
0.433568	0.71949	0.810823	0.964445	0.874351	0.804892	0.701463	0.846825	0.882489	0.833529
0.477038	0.707059	1.000479	1.163449	1.089017	0.659689	0.710752	0.993799	0.699085	0.744495
0.683266	0.798282	0.950438	0.822803	1.005117	0.84941	0.916514	1.086268	0.862335	0.873973
0.620386	0.755141	1.057046	0.844813	0.964675	1.00236	1.004335	0.907929	0.798359	0.914449
0.71894	0.723108	0.908331	0.915643	1.027736	1.194098	0.85883	0.813685	0.684949	0.733531
0.870389	0.808112	0.985347	1.130113	0.813571	0.85294	0.829812	0.865013	0.639916	0.936915
0.838197	0.68738	0.987003	0.828487	0.833662	0.989227	0.848159	1.003911	0.783737	0.91582
0.880794	0.95995	0.911107	0.717941	0.764138	0.887352	0.991113	0.773767	0.902273	0.899651
0.974452	0.784465	0.920967	0.855641	0.812481	0.773278	0.893813	0.845639	0.836067	0.922738
0.775003	0.900035	1.102189	0.834248	0.72329	0.724928	0.96582	0.933258	0.718973	1.125165
1.035741	0.639882	0.750054	0.792273	0.65158	0.710221	0.879732	0.92465	0.776606	0.954563
0.942958	0.735079	0.703609	0.878143	0.800675	0.85176	1.052186	0.791173	0.921588	0.974526
0.758801	0.793984	0.852565	0.855641	1.00006	0.906973	0.735334	0.663557	0.727912	0.906315
0.68578	0.950649	0.913901	0.900522	0.697491	0.797549	0.861238	0.661228	0.795184	1.427621
0.749946	0.749314	0.99707	0.975541	0.760261	0.926123	1.202985	1.118338	0.850198	0.889197
0.421973	0.823858	0.794549	0.928418	0.746026	0.905637	0.781012	1.019533	0.828031	0.730833
0.350792	0.921009	0.871216	0.749207	0.625347	0.763553	0.729057	0.980674	0.850198	0.794451
0.618223	1.071942	1.002193	0.736985	0.400302	0.636111	0.833194	0.692536	0.850198	0.968285
0.652631	0.849818	0.871216	0.658342	0.467097	0.633965	0.887356	0.987187	1.017497	0.965198
0.619664	0.622969	0.640235	0.577421	0.436747	0.631119	0.920646	1.107383	0.915981	0.665215
0.589697	0.727673	0.682537	0.725098	0.505594	0.639712	0.681062	0.789088	0.882489	0.811386
0.608271	1.11229	0.679258	0.710901	0.613489	0.619921	0.628565	0.751276	0.95991	1.18719
0.663668	1.246859	0.901466	0.700549	0.641189	0.590537	0.695653	0.746537	0.88378	1.010552
0.851527	1.11229	0.791366	0.743523	0.644872	0.646269	0.681062	0.887895	0.885076	0.724601

0.752878	0.95995	0.665593	0.660669	0.517014	0.611031	0.575439	0.708647	0.711952	0.710685
0.611091	0.886595	0.68667	0.663008	0.512628	0.653674	0.646594	0.651274	0.819026	0.669087
0.583678	1.007949	0.772744	0.551262	0.590702	0.658178	0.888639	0.849207	0.995207	0.942719
0.577087	0.851036	0.632101	0.783931	0.758336	0.686228	0.698133	0.844456	0.877362	0.749146
0.643389	1.006203	0.79031	0.749207	0.742307	0.703469	0.660055	0.751276	0.760734	0.942719
0.865278	1.268631	0.751981	0.664574	0.54489	0.740151	0.642928	1.048775	0.90634	0.922738
0.619664	1.006203	0.771732	0.669308	0.642659	0.938894	0.753786	0.964806	0.943282	0.729043
0.559147	0.76204	0.607882	0.761783	0.762195	0.902977	0.785044	0.867497	0.711952	0.62476
0.62694	0.819301	0.632835	0.675701	0.710199	0.79651	0.747239	0.753186	0.694879	0.790318
0.624015	1.004463	0.941385	0.646892	0.58745	0.75877	0.612614	0.741849	0.845436	1.055483
0.789694	0.628047	0.729407	0.609385	0.627473	0.835569	0.587481	0.842101	1.017497	0.899651
0.745103	0.714119	0.633569	0.484184	0.604635	0.702632	0.749099	0.954033	0.596439	0.878988
0.751898	1.001005	0.549011	0.530029	0.790214	0.75782	0.745386	1.072075	0.828031	0.684928
0.835817	0.90553	0.667179	0.647646	0.694164	0.783227	0.628565	1.346565	1.058039	0.913083
0.982695	0.682389	0.655426	0.683007	0.762195	0.694353	0.746311	1.402567	0.988572	1.013981
0.884761	0.573918	0.751016	0.659116	0.771006	0.793409	0.816544	0.877576	0.673644	1.026197
0.959997	0.898672	0.827731	0.697999	0.746961	0.691085	0.845823	0.827093	0.675241	1.007151
0.766827	0.81704	0.598289	0.620584	0.595297	0.572823	0.666174	0.899804	0.840726	0.894392
0.906554	0.880028	0.699312	0.592444	0.481581	0.584127	0.868541	1.138783	1.120235	0.860471
0.95062	0.743564	1.047409	0.852002	0.79646	0.836705	0.920646	0.833955	0.814593	0.897014
1.132219	1.103479	1.567198	1.244873	0.721522	0.771316	0.961237	0.785981	0.733366	1.042427
1.116083	0.796127	0.99707	0.912854	0.733148	0.700964	0.843499	0.943521	0.90634	0.963663
0.891455	0.874845	0.933982	0.964445	0.757377	0.731132	0.941918	0.880133	1.145473	0.90766
0.728104	0.667753	1.026932	0.993572	0.722405	0.802781	0.907022	0.770766	0.871038	0.757646
0.69598	0.851036	1.009119	0.825068	0.75356	0.884801	0.696478	0.690046	0.837227	0.755743
0.827587	1.016789	0.81193	0.738843	0.737703	0.7531	0.678677	0.913431	0.811297	1.012263
0.856477	1.738415	0.779891	0.806181	0.707628	0.695996	0.771091	1.54832	1.174789	0.788267
0.601299	1.315752	0.866164	1.007173	0.789181	0.834435	1.030265	1.331807	1.052283	0.806023
0.589697	1.107862	0.791366	0.734213	0.726849	0.989227	0.899048	0.843277	1.003645	0.671426
0.595118	1.084284	0.906949	0.643889	0.677902	0.732025	0.670043	0.800678	1.056112	0.74081
0.586343	0.805908	0.738671	0.696308	0.611429	0.707677	0.850508	0.78085	0.831457	0.880251
0.699434	0.895959	0.861169	0.526589	0.619029	0.831051	0.93758	0.812586	0.762686	0.858061
0.811582	0.84378	0.657751	0.625577	0.663768	0.793409	0.778012	0.784949	0.786829	0.864112
0.772945	0.758085	0.696754	0.670898	0.695825	0.726692	0.703976	0.964806	0.89161	0.895701
0.95842	0.613693	0.753916	0.571682	0.560441	0.685424	0.745386	0.923232	0.780666	0.987283
1.141716	0.823858	0.6562	0.639423	0.773982	0.626886	0.72551	1.016013	0.853803	0.965198
1.129877	0.906915	0.796684	0.775746	0.865657	0.671977	0.791164	0.885292	0.817914	0.798623
0.890108	0.771075	0.675194	1.024795	0.755464	0.54115	0.710752	1.058332	0.83839	0.942719
1.053006	0.674197	0.815268	0.975541	0.712786	0.612387	0.819823	1.048775	1.001944	0.950083
0.894161	0.881334	1.164889	0.720611	0.902869	0.68063	0.784033	0.838591	0.831457	1.040594
0.598541	0.881334	0.889377	0.556736	0.743234	0.85176	0.761393	0.827093	0.734281	0.938359
0.693408	0.873559	0.938408	0.619876	0.722405	0.533156	0.744462	0.906564	0.7511	1.099276
0.545553	0.766033	0.732166	0.744466	0.65083	0.520333	0.680265	0.928933	0.978806	1.038768
0.587012	0.81704	0.86491	0.542881	0.559833	0.441203	0.750968	0.698403	0.894251	1.03154
0.541316	0.906915	0.848929	0.513648	0.55021	0.534857	0.703976	0.661228	0.76959	0.876473
0.577742	0.823858	0.765712	0.747304	0.660689	0.509483	0.578576	0.646007	0.810204	1.147985
0.691701	0.890584	0.690005	0.798637	0.771996	0.455161	0.752845	0.964806	0.814593	1.088928

0.739363	1.103479	0.866164	0.522044	0.638995	0.526976	0.818727	0.65279	0.850198	0.778151
0.711745	1.171823	0.904199	0.520915	0.715389	0.627589	0.874722	0.6129	0.75589	0.738978
0.630624	1.02218	1.005642	0.682189	0.915097	0.624785	0.729948	0.521951	0.661849	0.780156
0.47136	0.953727	1.128945	0.784965	0.782022	0.597043	0.760434	0.528178	0.75589	0.979266
0.679938	1.031317	1.085225	0.739775	0.71106	0.62339	0.660815	0.599257	0.861106	0.815725
0.642628	1.410746	0.959684	0.640907	0.529309	0.638989	0.797371	0.507036	0.892928	0.656061
0.769875	1.161732	0.982055	0.521479	0.536165	0.613066	0.607201	0.52932	0.88378	0.878988
1.062903	1.653254	1.016156	0.659892	0.425891	0.481473	0.6716	0.536235	0.82917	1.127394
1.362095	1.156774	0.873764	0.703972	0.580379	0.561805	0.639292	0.548607	0.652638	0.838096
0.899626	1.027639	0.68336	0.726906	0.595297	0.795474	0.621558	0.624843	0.888984	0.699697
0.994506	0.989113	0.720337	0.847196	0.653085	0.75877	0.615347	0.672209	0.672848	0.639765
1.158853	1.088476	0.840562	0.765727	0.700844	0.642614	0.682659	0.654312	0.874821	0.703048
0.820655	0.795054	0.809719	0.653726	0.70934	0.700132	0.742621	0.654312	0.736118	0.705579
0.910765	0.758085	0.764716	0.602529	0.674721	0.814518	0.752845	0.593255	0.728816	0.722837
0.949077	1.020376	1.068899	0.511989	0.583579	0.736521	0.609899	0.837427	0.696557	0.734434
0.769875	1.114521	1.064912	0.686294	0.636086	0.687034	0.459309	0.685108	0.599116	0.832394
0.589024	1.073975	0.852565	0.569785	0.70934	0.756872	0.471929	0.873769	0.85988	0.939807
0.561665	0.926777	1.133569	0.692108	0.604635	0.715355	0.588124	0.728986	0.667313	0.662142
0.517864	1.025812	0.822022	0.551262	0.568431	0.663492	0.646594	0.855218	0.637709	0.635425
0.606167	1.123562	0.791366	0.726001	0.60938	0.582857	0.618786	0.695041	0.720746	0.880251
0.78439	0.887921	0.684185	0.650675	0.670777	0.621999	0.518135	0.657372	0.631877	0.803896
0.780193	0.736013	0.722136	0.639423	0.625347	0.630411	0.47539	0.538564	0.428167	0.777153
0.678283	0.911095	0.862413	0.599141	0.579742	0.624087	0.590706	0.598586	0.493017	0.913083
0.743181	1.042542	0.773757	0.777778	0.681106	0.494216	0.502005	0.669832	0.689886	0.882788
0.989405	1.135134	0.777837	0.835409	0.517565	0.622694	0.621558	0.758967	0.729722	0.998762
0.925103	0.848604	0.628454	0.786002	0.586802	0.724049	0.675517	0.860088	0.735199	0.834666
0.90516	0.908304	0.807519	0.883306	0.775979	0.672756	0.706505	0.589956	0.641393	0.745421
1.04333	0.979173	0.820889	0.784965	0.661457	0.448591	0.619478	0.624843	0.563675	0.674566
0.953723	0.825005	0.791366	0.591117	0.652332	0.492667	0.750033	0.629858	0.61484	0.730833
0.643389	0.694974	0.71944	0.624144	0.898868	0.607659	0.613978	0.619182	0.599116	0.769245
0.635835	0.790788	0.955036	0.705694	0.763165	0.596388	0.564941	0.516922	0.653398	0.872728
0.909357	0.885274	0.792424	0.806181	0.724177	0.652927	0.68992	0.45346	0.603841	0.724601
0.745103	0.916732	0.75586	0.656798	0.721522	0.563016	0.599866	0.477642	0.650366	0.610935
0.714429	0.544047	0.695905	0.682189	0.696657	0.647004	0.71418	0.609449	0.720746	0.595563
0.702916	0.693275	0.853784	0.874311	0.708483	0.622694	0.770112	0.524206	0.73154	0.700533
1.109346	1.013231	0.932516	0.841262	0.503452	0.583492	0.67082	0.554019	0.715448	0.800725
0.84059	0.730435	0.762733	0.664574	0.49499	0.528653	0.640743	0.582139	0.619037	0.704734
0.758801	0.652049	0.774774	0.782899	0.581656	0.626886	0.690735	0.520829	0.469974	0.621959
0.702916	0.673386	0.679258	0.691272	0.734964	0.678253	0.639292	0.452022	0.580069	0.812467
0.531194	0.99417	0.584286	0.71265	0.567192	0.720551	0.559484	0.567539	1.022808	0.724601
0.538314	1.013231	0.696754	0.808361	0.535015	0.656671	0.660055	0.680226	0.785796	0.597538
0.456738	0.876135	0.610662	0.605258	0.373358	0.567279	0.601854	0.614288	0.692375	0.733531
0.476	0.790788	0.600327	0.626294	0.474029	0.506812	0.584918	0.491042	0.554491	0.606872
0.777072	1.174383	0.800986	0.670102	0.644872	0.579696	0.565552	0.432378	0.580069	0.596878
0.670914	1.195424	0.880202	0.608005	0.541962	0.572823	0.491059	0.573827	0.639179	0.711542
0.813832	1.007949	0.68584	0.739775	0.482598	0.473016	0.345491	0.761887	0.580712	0.681713
0.838197	1.018578	0.817507	0.639423	0.598609	0.720551	0.556482	0.842101	0.694043	0.608223

1.04333	1.209111	0.853784	1.024795	0.794368	0.762592	0.486961	0.754144	0.650366	0.558451
1.299108	1.3934	0.85135	0.648401	0.865657	0.832176	0.487982	0.542082	0.79308	0.775162
0.860227	0.705312	0.758792	0.769707	0.58745	0.624785	0.564941	0.39139	0.599116	0.657574
0.876863	0.885274	0.848929	0.66379	0.51372	0.589892	0.541197	0.627702	0.685768	0.629704
1.003143	0.989113	0.844128	0.476992	0.519778	0.622694	0.529232	0.615681	0.694043	0.529871
0.902384	0.906915	0.827731	0.670102	0.691686	0.609005	0.533751	0.873769	0.672053	0.565134
1.132219	0.891921	0.68336	0.780843	0.721522	0.652183	0.604519	0.862544	0.704186	0.730833
0.880794	0.681563	0.990333	0.793328	0.550805	0.745653	0.524203	0.748426	0.563056	0.811386
0.461725	0.77209	0.942881	0.724197	0.662996	0.73924	0.560087	0.6129	0.418758	0.659091
0.348854	0.798282	0.832353	0.639423	0.65083	0.595081	0.478379	0.603305	0.44244	0.736246
0.48069	0.779266	0.695905	0.577421	0.636811	0.458007	0.436024	0.662779	0.525775	0.728151
0.658114	0.771075	0.808618	0.401861	0.584865	0.54115	0.508385	0.664337	0.457682	0.811386
0.572532	0.80481	0.85135	0.479547	0.571544	0.582857	0.561901	0.619886	0.441505	0.672993
0.500522	0.764032	0.832353	0.614249	0.514815	0.575934	0.55113	0.685108	0.526342	0.656061
0.451318	0.775151	0.624837	0.528879	0.528177	0.443499	0.52699	0.787014	0.527479	0.646358
0.907953	0.81704	0.780922	0.552472	0.398201	0.379426	0.436024	0.528178	0.645856	0.698863
1.06491	0.974287	0.708822	0.438969	0.577836	0.433939	0.492606	0.505951	0.60181	0.610256
1.350295	1.13985	0.875044	0.481087	0.664542	0.574687	0.494159	0.535654	0.55753	0.669087
1.316705	0.877429	0.703609	0.64165	0.601946	0.479468	0.687486	0.518592	0.524642	0.777153
0.665268	0.793984	0.701026	0.517546	0.448351	0.424145	0.508921	0.493667	0.558752	0.573791
0.743181	0.842583	0.692524	0.518666	0.524237	0.536564	0.504652	0.545036	0.642134	0.568823
0.874262	0.714119	0.653883	0.472936	0.549616	0.592479	0.629272	0.605344	0.534365	0.545972
0.747034	0.674197	0.714099	0.63427	0.396946	0.595081	0.684262	0.420648	0.618334	0.547733
0.631365	0.599798	0.760758	0.670102	0.469067	0.48551	0.675517	0.485322	0.585891	0.540731
0.740314	0.820436	0.758792	0.683827	0.581656	0.489586	0.548772	0.553414	0.558752	0.538422
0.803795	0.949118	0.808618	0.776761	0.569052	0.533156	0.559484	0.472596	0.654923	0.590341
0.770896	1.007949	0.847724	0.723298	0.522559	0.486526	0.642198	0.489475	0.75301	0.60218
0.814962	0.874845	0.835852	0.705694	0.455466	0.441203	0.576691	0.518035	0.60181	0.534411
1.011955	1.02218	0.759774	0.628455	0.474029	0.724049	0.563722	0.55281	0.593115	0.603516
1.445347	1.14944	0.763723	0.760802	0.644133	0.644804	0.609223	0.550403	0.565535	0.665987
1.421845	1.101304	0.850138	0.696308	0.672351	0.638989	0.493123	0.690046	0.62541	0.708976
1.737201	0.844981	0.691683	0.615649	0.565957	0.617166	0.5535	0.664337	0.559978	0.613665
1.158853	0.799363	0.588241	0.476483	0.333666	0.458007	0.570467	0.662003	0.227259	0.572544
0.623287	0.915316	0.746226	0.509785	0.47804	0.617166	0.585557	0.557055	0.35041	0.550684
0.635835	0.727673	0.682537	0.446977	0.527612	0.64774	0.431513	0.551605	0.444316	0.641952
0.753859	0.645923	0.579068	0.608694	0.623935	0.752162	0.400767	0.614984	0.491966	0.573791
1.015531	0.68738	0.702746	0.687947	0.70934	0.686228	0.525316	0.672209	0.525775	0.704734
0.956849	0.802623	0.664802	0.58716	0.642659	0.605649	0.593303	0.761887	0.540188	0.688167
0.928029	0.783421	0.485521	0.57678	0.58745	0.425467	0.416085	0.698403	0.465509	0.639039
1.04333	0.615107	0.495034	0.518106	0.525921	0.402674	0.449845	0.802819	0.574958	0.78318
1.141716	0.751248	0.650813	0.671694	0.50026	0.510019	0.5535	0.708647	0.538433	0.675354
1.058917	0.84378	0.630639	0.696308	0.691686	0.563622	0.663869	0.521951	0.571164	0.660614
1.209095	0.746429	0.724848	0.681373	0.751664	0.641887	0.715041	0.760912	0.672053	0.658332
1.181929	0.805908	0.85993	0.83309	0.772988	0.545203	0.778012	0.617778	0.713696	0.809233
0.933939	0.925328	0.862413	0.688776	0.718007	0.508947	0.750033	0.551605	0.511275	0.686545
1.120632	0.724017	0.693367	0.786002	0.644133	0.706832	0.654021	0.479677	0.481087	0.644149
1.247159	0.897314	0.81304	0.752077	0.575308	0.561805	0.673162	0.363978	0.460113	0.584541

0.96958	0.868452	0.834683	0.895152	0.517565	0.525306	0.604519	0.377065	0.610683	0.566361
0.746068	0.966264	0.738671	0.802932	0.560441	0.507879	0.544677	0.545629	0.548474	0.722837
0.846632	0.726756	0.673579	0.684648	0.522002	0.593778	0.499374	0.522514	0.702479	0.723718
1.12523	0.755141	0.553878	0.703972	0.495514	0.57035	0.592652	0.601952	0.641393	0.557247
0.744141	0.724928	0.588241	0.662227	0.512628	0.552832	0.564941	0.582139	0.717207	0.532135
0.664467	0.71323	0.456215	0.590455	0.510995	0.574687	0.586197	0.500033	0.672053	0.512173
0.795063	0.617237	0.333953	0.531759	0.482598	0.555207	0.489518	0.512501	0.659528	0.648578
0.849072	0.796127	0.714099	0.677314	0.537896	0.567279	0.567388	0.587989	0.580712	0.628286
0.725334	0.766033	0.664013	0.466921	0.613489	0.59183	0.545259	0.63275	0.431805	0.494648
0.707308	0.779266	0.660089	0.434789	0.688403	0.761633	0.564941	0.677001	0.575594	0.498307
0.798317	0.906915	0.638002	0.66536	0.859551	0.804892	0.529794	0.636392	0.503125	0.597538
0.691701	0.710575	0.653883	0.569785	0.759298	0.788288	0.588768	0.741849	0.600461	0.754794
0.926563	0.639882	0.814152	0.733293	0.694164	0.7531	0.731736	0.770766	0.544311	0.902304
0.679938	0.680738	1.072924	0.847196	0.716259	0.787271	0.55113	0.688394	0.521823	0.756693
1.109346	0.88925	0.85993	0.631353	0.644133	0.613747	0.527549	0.720026	0.563056	0.904974
0.803795	0.800447	0.741489	0.52431	0.696657	0.547537	0.601854	0.985549	0.552074	0.788267
0.925103	0.697536	0.707949	0.502161	0.578471	0.510019	0.58237	0.640803	0.553281	0.739893
0.999668	0.605303	0.808618	0.560425	0.596619	0.488053	0.561296	0.648256	0.657219	0.772193
0.799407	0.473691	0.701026	0.687947	0.771006	0.639712	0.602519	0.750324	0.711082	0.800725
1.299108	0.703572	0.756835	0.706558	0.902869	0.574687	0.745386	0.821455	0.869784	1.065056
1.151426	0.75028	0.740547	0.657569	0.866888	0.677463	0.627859	0.857646	0.852598	0.935477
0.844205	0.799363	0.685012	0.637207	0.998388	0.721423	0.794257	0.677805	0.822381	0.761478
1.003143	0.802623	0.556333	0.595111	0.761227	0.631829	0.607874	0.506493	0.606565	0.78318
0.807115	0.732287	0.674386	0.828487	0.61625	0.526419	0.807918	0.423327	0.587196	0.89049
0.912178	0.834291	0.641731	0.683007	0.559225	0.462311	0.798414	0.771764	0.881202	0.826767
0.882113	0.86466	0.561283	0.60663	0.710199	0.539999	0.704818	0.536235	1.203519	0.711542
1.028283	0.915316	0.565033	0.659116	0.839412	0.609679	0.735334	0.629138	0.986929	0.821211
1.144123	0.652821	0.5856	0.725098	0.569052	0.619231	0.724628	0.65814	0.967684	0.855664
1.265919	0.625138	0.690005	0.883306	0.575308	0.662729	0.892514	0.701791	0.917376	0.744495
0.938425	0.958386	0.900106	0.973939	0.743234	0.759723	0.793223	0.837427	0.863568	0.674566
0.880794	0.620094	0.751981	0.827345	0.695825	0.690272	0.593303	0.867497	0.878638	0.74728
1.056938	0.92969	0.888054	0.969166	0.597281	0.665022	0.775032	0.849207	0.990221	0.953064
0.946007	0.979173	0.83938	0.729632	0.58551	0.725809	0.884799	0.824829	1.10923	0.953064
0.896885	0.890584	0.725756	0.604575	0.657632	0.920565	0.803668	0.898465	0.775597	0.843873
0.640351	0.693275	0.827731	1.019433	0.88067	1.08269	0.659296	0.610137	0.646605	0.861682
0.876863	0.963096	0.80424	0.813859	0.908261	1.021093	0.703137	0.768777	0.881202	0.841553
0.768856	1.433451	1.049319	0.773723	0.734964	0.931753	0.669266	1.007334	1.476223	1.159861
1.047175	1.424226	0.908331	0.947561	0.841733	0.877238	0.70566	0.96325	0.790987	0.972957
1.247159	1.107862	0.736802	0.709158	1.02065	0.690272	0.85883	0.979061	0.802629	0.919958
1.386703	1.462364	0.852565	0.574223	0.774979	0.818865	0.728168	0.957084	0.825763	0.960608
1.475337	0.919579	0.799906	0.759824	0.822386	0.6919	0.818727	0.845639	0.799423	1.044268
0.758801	0.582374	0.614866	0.908705	0.884506	0.751226	1.028488	1.002209	0.73154	0.823425
0.814962	0.849818	0.695905	0.962882	1.036759	0.68382	0.968902	0.837427	0.697398	1.093038
1.011955	0.906915	0.815268	0.850795	0.924852	0.585402	0.709048	0.7778	0.967684	1.125165
0.902384	0.728592	0.687501	0.764737	0.764138	0.494734	0.95972	0.804971	0.974005	0.957575
0.718034	0.693275	0.782991	0.560425	0.939179	0.547537	0.956702	0.778814	0.869784	0.990532
0.807115	0.860902	0.70534	0.590455	0.869362	0.71968	0.872239	0.592593	0.857439	0.802836

0.947539	0.79185	0.729407	0.68712	0.736788	0.673537	0.72728	0.698403	1.090099	0.833529
0.865278	0.654369	0.653113	0.610769	0.619726	0.707677	0.905683	0.71914	0.87609	0.889197
0.888765	0.868452	0.931056	0.773723	0.531013	0.620613	0.85287	0.753186	0.703332	0.856861
0.986037	1.007949	0.961244	0.764737	0.625347	0.65517	0.603851	0.572562	1.010516	0.971394
1.141716	0.906915	0.689169	0.638683	0.647096	0.783227	0.521435	0.558275	0.820142	0.760517
0.670914	0.589661	0.632835	0.449361	0.504522	0.56241	0.420437	0.603984	0.634055	0.834666
0.48969	0.675823	0.730325	0.444607	0.502919	0.648477	0.457399	0.678611	0.822381	0.693071
0.979379	0.798282	0.614163	0.726906	0.582937	0.75877	0.632111	0.677805	0.882489	0.85328
1.04911	0.831951	0.690843	0.620584	0.597281	0.686228	0.581735	0.902496	0.702479	0.876473
1.335045	1.044441	0.763723	0.705694	0.521445	0.669646	0.658538	0.85643	0.661074	0.788267
0.816095	0.947592	0.90283	0.582588	0.552596	0.615112	0.583005	0.882705	0.775597	0.852093
1.146544	0.90553	0.814152	0.739775	0.714519	0.628293	0.620863	0.823702	0.763666	0.89049
0.99622	0.847393	0.717653	0.643889	0.88067	0.611708	0.720244	0.739988	0.715448	1.099276
0.90516	0.61158	0.687501	0.510886	0.681106	0.648477	0.687486	0.674598	0.792032	1.007151
0.812706	0.704441	0.577127	0.502701	0.759298	0.661967	0.744462	0.614984	0.687411	0.796532
0.832271	0.590999	0.749094	0.617053	0.751664	0.550471	0.753786	0.80605	0.646605	0.816817
1.256438	0.709693	0.591565	0.593775	0.601277	0.392733	0.722869	0.934709	0.676844	1.019174
0.816095	0.835466	0.586259	0.518106	0.653085	0.484497	0.703976	0.628419	0.785796	0.835806
0.831095	0.701839	0.552047	0.813859	0.752611	0.633252	0.660055	0.599257	0.887677	0.873973
0.994506	0.835466	0.545997	0.693783	0.623935	0.490098	0.568002	0.665118	0.786829	0.944182
1.141716	0.883956	0.714985	0.713528	0.608019	0.783227	0.6314	0.602628	0.956839	0.938359
1.129877	0.726756	0.873764	0.847196	0.637538	0.781219	0.747239	0.700941	0.998563	0.801779
1.232122	0.770062	0.712333	0.748255	0.556199	0.705989	0.685871	0.750324	0.84781	0.82565
1.094023	0.642138	0.820889	0.762765	0.549616	0.783227	0.748168	0.681036	0.826896	0.894392
0.953723	0.964677	0.652345	0.733293	0.579106	0.75404	0.686678	0.665118	0.95379	1.046118
0.86655	0.819301	0.696754	0.722401	0.745093	0.856499	0.62998	0.886591	0.881202	0.924135
1.104913	0.885274	0.667973	0.649916	0.773982	0.802781	0.534888	0.862544	0.691544	0.770225
1.787267	0.809218	0.700168	0.517546	0.554394	0.602983	0.769134	1.175153	0.858658	0.939807
1.302441	0.716796	0.777837	0.534658	0.630325	0.721423	0.729057	1.127306	0.924419	1.331926
1.62894	0.984114	0.826583	0.60663	0.782022	0.709372	0.595262	1.185389	0.993539	1.029752
1.214738	0.949118	1.03612	0.892492	0.85353	0.75782	0.943374	1.023082	0.820142	0.881518
2.19726	0.955275	0.926703	1.039427	1.053489	0.686228	0.854055	1.032085	0.970833	1.11419
1.643938	1.06192	0.838201	0.964445	1.116612	0.714495	0.752845	0.910672	1.069786	0.993805
1.127125	1.013231	0.713215	0.620584	1.209074	0.728462	0.857632	0.907929	1.104906	0.838096
0.981034	0.999286	0.773757	0.704832	0.842899	0.868578	0.931861	0.793267	0.780666	1.297538
1.403919	0.790788	0.733089	0.914246	0.721522	0.790329	1.129945	0.790129	0.914591	1.274991
0.980626	0.855941	0.819759	0.656028	0.878132	0.733818	1.297384	1.096697	1.013993	1.287731
1.382504	0.675009	1.003914	0.777778	1.2488	0.818865	1.227528	1.214849	1.162332	1.015705
1.560858	1.038768	1.124369	0.871775	1.286005	0.886074	0.936143	0.881417	0.982037	1.059287
0.519384	1.262299	0.926703	0.866747	0.788151	0.900334	0.701463	0.840928	1.031806	1.290975
0.74442	1.308699	0.833516	0.850795	0.758336	0.822155	0.814371	1.098813	0.913205	1.026197
1.580186	0.969455	0.75586	0.883306	0.705071	1.312554	1.468886	1.122143	1.313559	1.022672
1.709716	1.623373	0.944382	1.218804	0.926264	1.188945	1.253541	0.849207	1.145473	0.875221
0	0.909073	1.259407	1.188931	0.812481	1.199313	0.67082	0.910672	2.091015	1.074844
0	0.983059	0.873764	0.972342	0.779998	1.107447	0.953705	0.964806	1.255063	1.373189
1.737201	1.844452	1.057046	0.793328	0.839412	1.173843	1.087291	1.331807	1.237193	1.307571
1.985568	1.211901	1.298372	1.043163	1.00006	1.220822	0.931861	1.193227	1.015741	1.061201

1.227869	1.953048	1.043613	1.501988	1.430634	0.893794	0.807918	1.198533	0.927268	1.369272
1.756541	1.243836	1.294988	1.626065	1.537642	1.312554	1.747053	1.672994	1.965244	1.995056
0.550652	1.200847	0.880202	1.005449	1.101536	1.014187	2.837515	1.598935	2.825582	2.444725
0.796597	1.101304	0.838201	0.809455	1.220058	1.107447	1.307383	1.231803	1.1158	1.205522
1.440543	1.042542	1.089404	0.966013	0.967775	0.7531	0.992744	1.162688	0.938856	1.574892
2.145865	1.360657	1.174999	0.852002	1.148433	1.348009	1.290843	1.346565	1.33495	1.672805
1.89514	1.119018	1.401406	1.480922	1.03494	1.415843	0.999329	1.220427	1.591423	1.047975
1.843866	1.968751	1.682076	1.125553	1.201015	0.874746	0.975133	1.098813	1.428366	1.495043
2.19726	0.825005	0.826583	1.026597	0.771006	0.95354	1.401102	1.198533	1.491673	1.314391
1.370144	1.086375	0.733089	1.163449	1.155566	1.031662	1.53763	1.190599	1.320573	1.241767
2.038988	1.419686	0.823157	0.749207	0.85834	1.315972	1.271792	1.882086	1.167272	1.129634
0.976088	1.447667	0.800986	0.736985	0.772988	0.989227	0.845823	0.946499	0.9772	0.944182
0.917875	0.928231	0.765712	0.584541	0.822386	1.10533	0.845823	0.966367	0.882489	1.078821
0.647216	0.928231	1.014386	0.855641	0.879399	1.138236	0.866093	1.170124	1.179873	1.474688
0.719848	0.683217	0.748136	0.737913	0.917862	0.866136	1.024954	0.9275	0.970833	0.979266
0.981034	0.708813	0.640982	0.794384	0.727743	0.681426	0.943374	1.107383	0.849002	0.925537
0.826424	0.707059	0.523746	0.800779	0.760261	0.842434	0.756623	0.83051	0.888984	0.990532
0.544945	0.918153	0.995376	1.024795	1.066962	0.748431	0.743541	0.887895	0.9287	0.960608
0.617505	0.849818	1.08731	0.972342	0.77899	0.835569	0.899048	1.024868	0.88378	0.866556
0.664467	0.581718	1.047409	0.94158	0.722405	0.722296	0.933284	0.792219	0.739815	0.882788
0.814962	0.620811	0.794549	0.68712	0.581017	0.771316	0.716768	0.742782	0.639916	0.708976
0.71894	0.887921	1.100032	0.818308	0.795413	0.527534	0.750033	0.857646	0.76959	0.89833
1.881743	0.984114	0.582322	0.793328	0.713652	0.567891	0.516495	0.669832	0.699085	0.739893
0	1.360657	0.648524	0.678933	0.513174	0.656671	0.529794	0.478658	0.544904	0.722837
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0	0.162131	1.298372	0.589794	0.634638	0.555207	0.532051	0.514153	0.483138	0.510551
0	0.081066	1.519451	0.804012	0.597281	0.477971	0.451721	0.587989	0.50691	0.527619
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1.013792	0.700328	0.69065	0.834551	0.826146	0.742171	1.102632	0.848994	0.775704	1.012045
0.719175	0.688007	0.76823	0.914615	0.911489	0.937159	0.781944	0.614743	0.771025	1.23628
0.631692	0.65526	0.644274	0.717869	0.976786	0.824994	0.742806	0.744845	1.032439	0.861381
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0.737909	0.641948	0.782622	0.701003	0.642868	0.736818	1.104727	0.948028	0.823394	0.900462
0.68397	0.717318	1.050638	0.756512	0.902159	0.711	0.795128	0.721663	0.882955	0.96068
0.599375	0.745967	0.829992	0.640854	1.212034	0.831561	0.653216	0.828202	0.873424	1.259017
0.653653	0.787704	0.828905	0.581072	0.622313	0.783581	0.830512	0.916794	0.909016	0.805561
0.833363	0.843043	0.79249	0.687967	0.659136	0.917903	0.747394	0.82607	0.796914	0.663958
0.720925	0.745967	0.834366	0.921432	0.923787	0.912554	0.82386	0.678711	1.055113	0.853281
0.669714	0.756268	0.729432	0.986532	1.142542	0.666565	0.772068	0.841218	0.901409	0.925448
0.819944	0.757216	0.783599	0.725677	0.809852	0.672641	0.852274	0.891347	0.875787	0.6915
1.07267	0.721672	0.79449	0.634421	0.753912	0.787549	0.760505	0.792327	0.742215	0.678276
0.750863	0.725186	1.024326	0.842498	0.87905	0.690599	0.840684	0.778767	0.91937	0.693877
0.766157	0.972917	0.921721	1.063141	0.936443	0.665059	0.875183	0.732671	0.847134	0.764433
1.02956	1.193955	1.005996	0.744462	0.855922	0.750326	0.905965	0.760103	0.636776	0.705956
1.02073	0.876719	1.043464	0.766975	1.088686	0.792561	0.855812	0.666759	0.591398	0.663958
0.851926	0.845364	0.931232	0.882052	0.896917	0.719437	0.685586	0.755559	0.960559	0.710883
0.990347	1.105052	0.7965	0.842498	0.685543	0.688214	0.797192	0.858056	0.776646	0.861381
1.221644	1.058931	0.713335	0.711044	0.734662	0.711	0.849931	0.784527	0.51125	0.658067
0.828844	0.960608	0.873439	0.814761	0.975223	0.831561	0.752965	0.777815	0.669404	0.646521
0.769085	0.897203	0.916378	0.863625	0.72843	0.575089	0.581495	0.790364	0.741345	0.737272
0.896841	0.870511	0.731162	0.83119	0.761475	0.7485	0.672192	0.705256	0.69834	0.651535
0.859096	0.720798	0.650706	0.614316	0.975223	0.82067	0.818394	0.775916	0.716838	0.884159
0.644735	0.711296	0.834366	0.614994	0.880302	0.880541	0.652474	0.69178	0.730188	0.70514
0.782009	0.895894	1.012572	0.832307	0.833964	0.647384	0.572152	0.846758	0.785217	0.811767
0.775996	0.929864	0.713335	0.806247	0.687952	0.649555	0.918094	0.736114	0.63746	0.853281
0.793253	0.820494	0.656505	0.56809	0.787009	0.665811	0.926373	0.746613	0.569786	0.59933
0.538279	0.615803	0.682052	0.5687	0.808787	0.720289	0.54993	0.712562	0.60136	0.591104
0.601367	0.662836	0.731162	0.756512	0.78499	0.626945	0.572769	0.773083	0.71438	0.6647
0.603369	0.72607	0.584084	0.548443	0.611376	0.699458	0.580866	0.601229	0.67162	0.801472
0.772034	0.669769	0.626209	0.508964	0.625789	0.647384	0.677657	0.648719	0.663551	0.790421
0.657423	0.525148	0.63376	0.6096	0.657632	0.709332	0.720564	0.671947	0.631343	0.624987
0.671275	0.541597	0.590305	0.648848	0.715371	0.541588	0.617584	0.694914	0.773826	0.61164
0.697047	0.707044	0.543431	0.475229	0.596774	0.59895	0.688798	0.599964	0.579259	0.688352
0.671275	0.623413	0.539512	0.465022	0.532573	0.613389	0.648048	0.656565	0.596974	0.653701
0.563157	0.595047	0.521497	0.565661	0.58837	0.685055	0.60544	0.560727	0.658493	0.656607
0.551726	0.497129	0.464453	0.709354	0.622313	0.49548	0.634323	0.500464	0.54864	0.583031
0.643266	0.517972	0.443848	0.590589	0.597427	0.454263	0.546431	0.552154	0.485902	0.592988
0.695391	0.466411	0.521497	0.518638	0.608684	0.51207	0.608779	0.719994	0.607066	0.555611
0.660464	0.513614	0.619456	0.639416	0.55274	0.599596	0.505977	0.804296	0.657775	0.760712
0.668936	0.502907	0.632377	0.704324	0.53824	0.711836	0.685586	0.637555	0.709505	0.904313
0.642534	0.591142	0.652871	0.591873	0.659891	0.711	0.838403	0.666759	0.657059	0.688352
0.53541	0.665904	0.732899	0.52909	0.58837	0.596376	0.894165	0.776864	0.720966	0.74257
0.662758	0.631158	0.730296	0.673755	0.650187	0.733285	0.715391	0.804296	0.827615	0.828766
0.716564	0.590495	0.601089	0.749982	0.772095	0.769016	0.66833	0.623324	0.901409	0.781585
0.850742	0.788724	0.750658	0.936815	0.816296	0.74397	0.718833	0.647308	0.784256	0.870826

1.02424	1.289387	0.88936	0.73721	0.739168	0.696216	0.984413	0.869655	0.841623	1.133233
0.866387	0.872983	0.994721	0.805194	0.703526	0.750326	0.968776	0.794299	0.776646	0.836417
0.734278	0.699495	0.828905	0.943992	0.989497	0.91522	0.775007	0.733529	0.879356	0.732038
0.822152	0.72607	0.847758	1.035479	0.870386	0.921958	0.862975	0.696489	0.73359	0.836417
0.931012	0.794894	0.968501	0.708512	0.679183	0.790549	0.838403	0.843425	1.090538	0.884159
0.755585	0.863176	0.997913	0.630887	0.787009	0.874412	0.946327	0.924728	1.044501	0.912119
0.849561	0.821594	0.958148	0.666055	0.802452	1.061723	0.890301	1.137386	1.039291	1.00063
0.883892	0.871745	1.106527	0.811549	0.936443	1.013872	0.72844	0.816605	1.104354	1.027177
0.954383	0.928453	0.839896	0.731849	0.756733	1.07504	0.740076	0.6957	1.104354	0.872022
0.746192	0.762953	0.838784	0.708512	0.792096	0.818524	1.017485	0.873196	0.771025	0.885392
0.628137	0.65451	0.832173	0.61364	0.78198	0.732407	0.693662	0.841218	0.730188	0.787456
0.73609	0.720798	0.760744	0.492792	0.648713	0.811097	0.570307	0.710928	0.708698	0.747035
0.817747	0.874225	0.688288	0.541514	0.761475	0.867169	0.731987	0.820786	0.806909	0.714199
0.570535	0.74228	0.726851	0.960211	0.847702	0.683483	0.837267	0.863816	0.609626	0.689137
0.683166	0.79386	0.817128	0.761236	0.757677	0.686632	0.869036	0.856912	0.665737	0.671435
0.718303	0.831622	0.819245	0.714443	0.822838	0.659829	0.692035	0.84232	0.91937	0.859051
1.006963	0.972917	0.753386	0.887101	1.445042	0.740379	0.849931	0.989359	1.137688	0.936414
1.005273	0.883017	0.802586	1.033697	1.131223	1.386234	0.933395	0.731814	0.93538	1.105729
0.878818	1.128971	0.77393	0.832307	0.836223	0.938568	0.819482	0.69178	0.993457	1.139835
1.321061	1.09254	0.772021	0.719592	0.740984	0.727172	1.027919	0.893826	1.148652	2.05443
1.656969	0.927047	0.886872	0.860032	1.269504	1.427706	1.121864	0.924728	0.949188	1.647548
1.143111	1.094601	1.061626	0.878304	0.871613	1.217858	1.022671	1.240084	1.08667	1.305151
1.090776	1.068549	1.063484	1.030152	0.724033	0.824994	1.124055	1.66312	1.657747	0.980196
0.998576	0.858354	0.92713	1.239157	0.686344	0.885507	1.151241	0.891347	1.43321	0.84085
1.022481	0.924247	1.032921	1.133248	1.242698	1.100911	0.924982	0.872012	1.616719	1.099622
0.968103	1.096671	1.443651	0.929755	1.566375	1.013872	0.802397	0.941044	1.157628	1.206841
0.925361	0.860758	0.912414	0.869681	0.770145	0.789547	0.94342	0.957998	0.846026	0.868446
0.692918	0.673669	0.801566	0.750909	0.703526	0.815326	0.885203	1.018169	0.794943	0.809689
0.733375	0.902479	0.952341	0.960211	1.111565	0.843865	0.84644	0.659453	0.807921	0.843084
0.906141	0.810716	1.059775	0.766975	1.048098	0.806909	0.836134	0.680989	0.953417	0.900462
0.923959	0.614433	0.822441	0.72393	0.840779	1.150834	1.141989	1.050807	1.114499	1.734159
0.713968	0.806441	1.063484	0.877061	0.896917	1.642933	1.512997	1.229187	0.875787	1.25322
0.906141	1.080379	1.057932	0.966262	0.848867	1.050625	1.195505	1.008351	1.049775	0.992657
1.099072	1.220725	1.004367	0.777697	1.037165	0.900756	1.007296	1.059819	1.533813	1.222651
1.357455	1.051387	0.871041	0.735415	0.880302	0.960265	1.167923	1.280528	0.970759	1.157949
0.936738	1.186235	1.521796	0.774747	1.01098	1.215182	1.102632	1.128762	1.077148	0.85558
1.205295	1.051387	1.213234	0.747213	0.853558	1.038025	0.912661	1.118218	1.104354	0.868446
1.162059	1.017241	0.967007	0.791738	1.2014	0.705191	0.830512	1.190602	1.533813	1.057282
0.936738	0.738625	0.846626	1.185498	1.066953	0.798652	0.889021	1.050807	1.40028	1.865417
0.775002	0.98881	0.777772	0.734521	1.120192	1.007211	1.086223	1.208183	0.902668	1.124583
0.806927	1.074424	0.939553	0.907905	1.222936	0.924683	0.982823	1.101861	0.95626	0.972586
1.138501	1.038492	0.799532	1.131016	1.128995	0.697834	0.922214	1.180866	0.928637	0.957754
0.917019	0.86439	0.772974	0.761236	0.867941	0.876853	1.108948	0.963799	1.133379	1.619894
0.697047	1.186235	0.869846	0.887101	1.06121	0.863593	1.072356	0.92875	1.025695	1.38704
0.804795	1.367096	0.859243	0.880799	1.212034	0.826081	0.805549	0.853501	0.876974	1.079863
1.145435	0.874225	0.798519	1.094729	0.806665	0.927424	1.029682	0.875573	1.010891	1.244668
0.99198	0.959093	0.714167	0.883309	0.805608	0.80173	0.958155	1.000337	0.910297	0.897914

0.766157	0.756268	0.689861	0.921432	0.816296	0.880541	1.003953	0.666759	0.747473	0.846457
0.875051	0.673669	0.688288	0.905249	1.082651	0.935755	0.848764	0.53387	0.701501	0.794407
0.923959	0.677605	0.769174	0.892209	0.706878	0.811097	0.94342	0.791344	0.889019	1.028891
0.811223	0.783647	0.862749	0.78266	0.683944	0.842731	0.894165	1.07653	0.993457	0.793407
1.210677	0.990432	0.775846	0.906575	0.902159	0.853037	0.695295	0.754656	0.95626	0.804535
0.8345	0.815035	0.912414	0.860032	0.691996	0.76711	0.727558	0.648013	1.073397	0.879263
0.655157	0.781633	0.782622	0.607594	0.680764	1.017241	1.017485	0.751063	0.936741	1.076017
0.853113	0.694534	0.672106	0.715297	0.838495	0.912554	0.799267	1.052594	0.808935	0.689137
0.887736	0.665904	0.967007	0.938241	1.026501	0.833772	0.656197	0.774026	0.700708	0.786472
0.756535	0.697835	0.875851	0.873356	0.887892	0.817456	0.68002	0.806323	0.752796	1.041084
0.738822	0.993694	0.979107	0.57176	1.012677	1.041588	0.7941	0.854635	0.880553	0.725156
0.806927	0.86928	0.687503	0.644469	0.884081	0.718586	0.880165	0.739586	0.821299	0.78451
0.797415	0.942774	0.633068	0.721322	0.884081	0.683483	0.933395	0.803286	0.799888	0.774834
1.450209	1.166296	0.862749	0.676091	0.717952	0.826081	0.724922	0.99091	0.79298	0.85558
1.080624	0.884288	0.875851	0.714443	0.930772	0.795596	0.848764	1.19307	0.847134	0.795409
0.816653	0.761032	0.852316	0.758395	0.923787	0.768062	0.861773	0.802278	0.776646	0.830938
0.854303	0.818302	0.77107	0.87955	0.708563	1.029244	0.934813	0.784527	0.925969	0.889111
0.700379	0.779629	0.672863	0.772791	0.730202	0.827172	0.845283	0.792327	0.925969	0.875627
0.792218	0.719925	0.718354	0.954243	0.750179	0.735048	1.137435	0.843425	0.688992	0.806589
0.804795	0.860758	0.847758	0.909238	0.914192	0.800701	0.952201	0.753755	0.622658	0.748834
1.064858	0.971359	0.949467	0.811549	1.026501	1.010529	0.931981	0.762852	0.809952	1.008753
0.960427	0.781633	0.800548	0.798932	0.930772	0.878079	0.776978	0.833578	1.13124	0.96215
0.804795	0.669769	0.860409	0.935394	0.813062	0.847282	0.890301	0.703648	0.905196	0.854429
0.748989	0.876719	0.836569	0.793781	0.910144	0.942822	0.729324	0.710928	0.91287	1.007116
0.697878	0.761991	0.689861	0.69119	0.807725	0.945681	0.674525	0.858056	0.84272	0.88293
0.78913	0.65451	0.699421	0.669119	0.674474	0.743069	0.559999	0.901348	0.867572	0.652978
0.693741	0.730512	0.780676	0.883309	0.791074	0.792561	0.771092	0.998751	0.920682	0.775792
0.736999	0.889408	0.865102	0.736312	0.956893	0.688214	0.802397	0.769335	1.039291	0.7635
0.705425	0.805378	0.817128	0.591873	0.70772	0.636692	0.698581	0.707677	0.928637	0.975614
0.781001	0.561105	0.682052	0.536388	0.76243	0.861225	0.805549	0.814529	0.762727	0.826604
0.635276	0.749684	0.786542	0.679227	0.79312	0.871984	1.042232	1.001928	0.767317	0.894119
0.657423	0.871745	0.800548	0.851761	0.848867	0.692197	0.768179	0.839021	0.886583	0.790421
0.695391	0.638322	0.624172	0.614316	0.813062	0.777696	1.020935	0.882782	0.972236	0.737272
0.740653	0.58599	0.763536	0.517011	0.77701	0.703545	0.894165	0.885212	0.690536	0.771023
0.661227	0.672105	0.640038	0.612964	0.907466	0.790549	0.676872	0.712562	0.695984	0.894119
0.643266	0.672105	0.653596	0.681593	0.850035	0.635989	0.727558	0.844533	0.794943	0.95196
0.786064	0.722548	0.633068	0.527978	0.632823	0.722858	0.837267	0.885212	0.96782	0.847587
0.548178	0.699495	0.696211	0.608262	0.768203	0.725441	0.82386	0.953697	0.77759	0.74435
0.559515	0.745967	0.781648	0.693622	0.902159	0.736818	0.701061	0.840118	0.702295	0.685227
0.647687	0.580897	0.62689	0.739915	0.596774	0.574478	0.726678	0.741332	0.659932	1.025469
0.747123	0.645605	0.56772	0.604934	0.585817	0.620114	0.692847	0.830344	0.823394	0.946243
0.725331	0.672105	0.595347	0.622523	0.650926	0.792561	0.812996	0.7225	0.799888	0.954847
0.768107	0.976049	0.587184	0.654756	0.70772	0.626257	0.710279	0.639626	0.6621	0.781585
0.749925	0.874225	0.677433	0.696069	0.640696	0.535411	0.634323	0.643101	0.713564	1.010396
0.832229	0.650035	0.674381	0.752768	0.715371	0.807952	0.808725	0.864978	0.734445	0.885392
0.767131	0.653013	0.526878	0.683972	0.686344	0.791554	0.81407	0.790364	0.850474	0.639457
0.876303	0.635442	0.644984	0.820169	0.831715	0.794582	0.881419	0.75919	0.91287	0.675222

0.770066	0.749684	0.831081	0.795834	0.809852	0.750326	0.82386	0.706869	0.889019	0.695468
0.68397	0.815035	0.943774	0.71274	0.680764	0.835995	0.933395	0.765619	0.847134	0.95196
0.768107	0.77072	0.799532	0.718729	0.814137	0.651736	0.731098	0.833578	0.868736	0.827684
0.968103	0.785671	0.747048	0.826748	0.822838	0.805868	0.787979	0.839021	0.915458	0.753364
0.903464	0.935555	0.69144	0.703492	0.841925	0.822827	0.721432	0.718332	0.893933	0.810727
0.675203	0.723426	0.765407	0.58359	0.682351	0.830459	0.767213	0.720828	0.878163	0.966592
0.747123	0.626213	0.667591	0.651054	1.01098	0.842731	0.801351	0.844533	0.823394	0.776752
0.806927	0.726954	0.785559	0.696069	0.973666	0.79357	0.691223	1.016517	1.0886	0.86726
1.005273	1.09254	0.952341	0.824544	0.704362	0.889269	0.755777	0.790364	0.886583	0.920067
0.872558	0.877971	0.877061	0.802052	0.807725	1.194349	0.765286	0.84232	0.760904	0.972586
0.734278	0.53075	0.679736	0.815837	0.989497	0.880541	0.979662	0.957998	0.771025	0.717541
0.9048	0.66131	0.950902	0.870902	1.314797	0.814264	0.692035	0.748387	0.690536	0.806589
0.891615	0.737716	0.820308	0.866037	0.908803	0.741274	0.641492	0.706869	0.737881	0.844205
0.807997	0.747821	0.677433	0.685566	0.921024	0.911228	0.85345	0.768403	0.851593	0.790421
0.792218	0.68639	0.704281	0.696887	0.99928	0.874412	0.854629	0.762852	0.84272	0.809689
0.799511	1.0764	0.747947	0.781663	0.992734	0.699458	0.848764	0.788409	0.718485	0.995829
0.787084	0.866828	0.865102	0.770843	0.863094	0.580623	0.862975	0.761934	0.900154	0.861381
0.750863	0.824911	0.77393	0.771816	0.82504	0.744872	0.90068	0.897571	0.811993	0.866078
0.633122	0.762953	0.825661	0.801009	0.908803	0.891796	0.858186	0.746613	0.755482	0.761639
0.598051	0.787704	0.81397	0.793781	0.918278	0.764268	0.798228	0.643799	0.808935	1.027177
0.854303	0.747821	0.827821	0.744462	0.907466	0.701906	0.873947	0.977143	0.996576	0.818064
0.881347	0.77863	0.674381	0.736312	1.023003	0.888011	1.098471	0.981684	0.824445	0.693083
0.781001	0.786686	0.871041	0.764096	0.970568	1.109191	1.160695	0.706061	0.864098	0.956298
0.912908	1.038492	0.948036	0.821258	0.795177	0.945681	0.871485	0.807341	0.826556	0.983278
1.036757	0.982383	0.712504	0.760287	0.87905	0.811097	0.922214	1.014871	0.846026	0.725156
0.928177	0.617177	0.752474	0.951289	0.783985	0.816389	1.049569	0.893826	0.91937	0.884159
0.851926	0.698664	0.767287	0.885833	0.846541	0.881777	0.885203	0.705256	1.009277	0.965106
1.164486	0.876719	0.964034	0.823446	1.096867	0.995795	0.939095	0.984738	1.04801	0.825527
1.166927	1.012086	0.869846	0.769873	0.810919	0.91656	1.029682	1.183279	0.93538	0.824453
0.821047	0.715589	1.01925	0.803097	0.803502	1.073112	0.886472	0.832497	0.741345	0.885392
0.710531	0.737716	0.900734	0.795834	0.923787	0.912554	0.717109	0.763772	0.709505	0.780614
0.778992	0.777633	0.858081	0.730962	0.958392	0.716042	0.809789	0.768403	1.065991	0.954847
0.969655	0.808573	0.896909	0.769873	0.894319	0.785561	0.890301	0.984738	0.850474	1.097605
0.720049	0.86928	0.950902	0.729193	0.87905	0.961751	0.896759	1.003525	0.826556	0.940599
0.857893	0.764882	0.932607	1.030152	0.997634	0.785561	0.806605	0.845644	0.817138	1.051815
1.005273	0.857157	0.747048	0.988131	1.057423	0.81215	1.029682	1.118218	1.012511	1.261945
0.804795	0.798013	0.842128	0.776711	0.912838	0.810046	1.01577	0.869655	1.369673	1.41121
0.775002	1.040311	0.911101	0.817998	0.965962	0.826081	0.997341	0.801273	0.891469	1.133233
1.00024	0.960608	0.798519	0.80836	0.843074	0.853037	1.334689	0.978651	0.960559	1.483128
0.900802	0.927047	0.953786	0.933977	0.880302	0.860046	1.341882	1.120306	1.012511	1.283011
0.711387	0.843043	1.024326	1.063141	1.133464	0.999026	1.026162	1.234601	1.094441	0.832028
0.955886	0.855963	0.881939	1.170614	1.520229	1.176905	0.837267	0.863816	0.966358	0.837521
0.936738	1.027736	1.177897	0.945441	0.82504	1.032735	0.971858	0.945221	1.110412	0.803511
1.096983	0.799058	1.106527	0.906575	0.907466	0.999026	1.259545	1.139569	1.150879	1.051815
1.02073	0.718185	1.031188	0.80836	1.080657	1.121915	1.005621	1.095883	0.867572	1.00063
1.293993	0.927047	1.152019	0.887101	1.144842	1.092785	0.881419	0.99403	0.85384	1.189096
1.293993	0.972917	0.936761	0.893496	0.946548	1.084809	0.905965	1.047253	0.822345	1.012045

0.799511	0.876719	0.781648	0.783659	1.170974	2.663409	1.303719	1.245636	1.009277	1.328481
0.980674	0.809643	0.782622	0.796864	1.06121	0.955838	1.190358	0.99091	1.049775	0.921406
0.99362	1.226283	0.940955	0.994587	1.170974	0.72891	0.946327	0.939661	0.946391	1.114008
0.939629	0.963652	1.082522	1.076679	1.154163	0.795596	1.07431	0.99091	1.304609	1.331918
0.850742	0.927047	0.959612	0.815837	1.4097	0.868368	0.830512	1.088038	0.979696	1.042854
0.871317	0.899833	1.048833	0.960211	1.161289	1.096829	1.00229	0.790364	0.860652	1.035817
0.836784	0.963652	1.163591	1.039068	1.024749	0.913885	1.303719	0.814529	0.851593	1.217317
0.935299	0.850043	0.819245	1.133248	1.080657	0.902051	0.950725	0.932809	0.826556	0.839738
1.074644	0.710442	0.877061	1.128795	1.014381	1.022345	0.97809	0.799269	1.006067	0.76913
0.945471	0.957584	0.865102	0.850592	0.992734	0.979989	0.845283	0.739586	0.8878	0.708412
1.131676	1.055142	0.931232	0.721322	0.88917	1.057992	0.836134	0.845644	1.195507	0.814904
1.045923	0.809643	0.865102	0.834551	0.75579	0.926051	1.274811	1.122405	0.978194	0.835316
0.686392	0.765849	0.973015	0.716152	0.981509	1.186787	1.14659	1.242851	0.854968	0.904313
0.857893	0.800105	0.782622	0.690382	0.885347	0.973824	0.840684	0.942432	0.829741	0.781585
0.972775	0.928453	0.741688	0.863625	0.972114	0.673407	0.756719	1.130902	0.869903	0.863723
0.799511	0.976049	0.818185	0.80942	0.833964	0.861225	0.791029	0.879162	1.056907	0.933647
0.866387	1.010382	0.879493	0.746294	0.90348	1.025781	0.94342	0.812463	1.388548	1.244668
1.154856	0.935555	0.936761	0.828963	0.952429	1.007211	1.102632	0.806323	0.889019	1.005486
1.171852	0.845364	0.939553	1.149201	0.981509	0.939981	1.310413	0.837927	0.78618	0.925448
0.960427	0.735904	0.723432	1.100916	1.2014	0.91522	1.216725	0.895071	0.79298	0.874422
0.946943	0.901154	0.886872	1.094729	1.188463	1.184295	0.971858	0.862658	1.118624	0.853281
1.001911	1.0764	1.005996	0.954243	0.8643	0.794582	0.841829	0.830344	1.009277	1.070311
0.938181	0.839585	0.993134	0.672204	0.72843	0.955838	1.078245	0.863816	1.259348	1.034075
0.957394	0.732302	0.869846	0.733628	0.837358	0.938568	1.045885	0.930099	0.963449	0.860214
0.769085	0.782639	1.08058	0.901296	0.898221	0.786554	0.703556	1.021491	0.924642	0.912119
0.882618	0.74228	1.05245	0.957216	0.752041	0.785561	0.737363	0.756464	0.776646	0.823382
0.892915	0.795932	0.723432	0.638699	0.884081	0.692997	0.727558	0.870832	0.743961	0.810727
0.70797	0.746893	0.742576	0.652531	0.844227	0.829361	0.711127	0.804296	0.686687	0.78549
0.661992	0.738625	0.763536	0.749057	0.845382	0.686632	0.802397	0.642404	0.627313	0.925448
0.812304	0.818302	0.800548	0.645924	0.765307	0.704367	0.765286	0.762852	0.759996	0.782558
0.917019	0.827137	0.670595	0.703492	0.943636	0.636692	0.927768	0.724179	0.805899	0.751546
0.720925	0.833882	0.72004	0.784661	0.953912	0.761443	0.923596	0.766545	0.753689	0.733775
0.729781	0.608999	0.777772	0.767939	0.844227	0.947117	0.839542	0.788409	0.93267	0.896645
0.741571	0.706199	0.902016	0.80836	0.742808	0.90596	0.904638	0.804296	0.860652	0.861381
0.645471	0.613068	0.712504	0.633712	0.70772	0.798652	0.927768	0.916794	0.847134	0.720065
0.856693	0.630449	0.697813	0.767939	0.789036	0.833772	0.968776	0.803286	0.737881	0.76913
0.851926	0.934125	0.866283	0.822351	0.961404	0.860046	0.643667	0.671202	0.96782	0.869634
1.00866	0.998633	0.982185	0.740821	0.686344	0.845001	0.676088	0.680228	0.94085	0.766306
0.995265	0.808573	1.03466	0.843645	0.801406	0.871984	0.721432	0.80027	0.794943	0.800455
0.784032	0.848868	1.074807	0.721322	0.853558	1.113391	1.086223	1.105893	0.815073	0.968083
0.777991	0.810716	0.827821	0.926963	0.940745	0.813206	0.85345	0.956559	0.915458	0.839738
0.795329	1.064676	0.851172	1.001141	1.298074	0.791554	0.890301	0.922067	0.993457	1.041084
0.848384	0.911869	0.867468	0.815837	1.002591	0.874412	0.841829	0.845644	0.866411	0.875627
0.972775	1.267318	1.156611	0.866037	1.263402	0.881777	1.14659	0.790364	0.884161	0.992657
0.856693	1.292634	1.116934	0.910576	0.983095	0.814264	0.964192	1.074641	0.944999	0.987942
1.241531	1.006993	0.877061	0.991347	0.792096	0.7485	0.930572	1.128762	0.852715	1.046417
1.045923	0.934125	0.759818	0.799969	0.708563	0.992587	1.040417	1.059819	0.934023	0.986382

0.856693	0.939872	0.73203	0.945441	0.850035	1.22326	0.98124	0.776864	0.947787	0.861381
0.865164	0.924247	0.852316	1.006122	1.107314	1.111286	0.924982	0.846758	0.725972	0.786472
0.902131	0.774657	1.005996	0.948355	0.822838	0.870775	1.126257	0.760103	0.871074	0.946243
0.849561	0.804318	0.844371	0.888372	0.898221	0.798652	1.564311	0.997172	0.95626	1.225343
0.990347	0.785671	0.716675	0.889648	0.808787	0.769972	0.922214	0.956559	1.00447	0.818064
0.895529	0.831622	0.695412	0.935394	0.997634	0.880541	0.800307	0.773083	0.93267	0.847587
0.762283	0.786686	0.956689	0.628781	0.896917	1.050625	0.926373	0.866142	1.176154	1.020386
1.010364	0.935555	1.065351	0.702661	0.900843	0.871984	0.944871	0.888883	1.082837	1.151067
0.841387	0.922854	1.163591	0.774747	0.859493	0.846139	1.086223	1.171344	0.884161	0.786472
0.826602	0.983981	0.994721	0.765054	0.953912	0.87563	0.776978	0.890113	0.828677	0.847587
0.876303	1.015516	0.756131	0.6615	0.820646	0.924683	0.797192	1.023162	0.762727	1.264892
0.79637	0.754377	0.725138	0.931158	0.972114	1.105031	0.82386	1.067167	0.896411	0.916075
0.598713	0.850043	0.669842	0.913265	0.935018	0.865974	0.968776	0.843425	0.751014	0.709234
0.69871	1.010382	0.776808	0.888372	0.870386	0.775752	0.832752	0.753755	0.669404	0.808653
0.906141	0.823802	0.692231	0.688771	0.81738	0.780629	0.818394	0.945221	0.847134	0.860214
0.887736	0.721672	0.737271	0.78266	1.044423	0.995795	0.815147	1.008351	1.126994	0.880482
0.727105	0.799058	0.682826	0.732738	0.843074	0.744872	1.003953	0.788409	0.785217	0.896645
0.790157	0.987195	0.89818	0.791738	0.773074	0.841601	1.222197	0.761017	0.759996	0.783533
0.923959	0.836155	0.850031	0.852933	0.912838	0.891796	1.036809	0.779722	0.878163	0.885392
0.92117	0.839585	0.874643	0.844795	0.969027	0.824994	1.172809	0.922067	0.850474	0.904313
0.961951	0.921466	1.065351	0.989736	0.94509	0.966239	0.877667	0.882782	0.84272	0.980196
0.882618	0.824911	0.895642	0.980194	0.867941	0.817456	0.907296	0.888883	1.007669	1.028891
0.8345	0.772684	0.708373	0.875823	0.702693	0.749412	0.958155	1.07653	1.024025	0.946243
0.833363	0.888122	0.824585	0.884569	0.726666	0.72804	0.986008	0.969679	1.055113	0.844205
0.932436	0.922854	0.967007	0.833428	0.979929	0.937159	0.780946	0.829272	1.218362	0.850994
1.227234	0.858354	0.97453	0.872127	0.965962	1.196899	0.79001	0.77497	0.871074	0.946243
0.781001	0.738625	0.822441	0.96932	0.770145	0.832665	0.873947	0.869655	0.794943	0.799442
0.787084	0.832751	0.751565	0.913265	0.820646	0.725441	0.816227	0.856912	0.759089	0.734647
0.918399	0.987195	0.911101	0.706832	0.89953	0.87563	0.770119	0.754656	0.936741	0.756105
1.109671	0.918702	0.997913	0.695252	0.73556	0.841601	0.922214	0.777815	1.051547	0.900462
0.806927	0.750619	0.943774	0.655501	0.759572	0.978439	0.867817	0.80027	0.77759	1.062818
0.835641	0.795932	0.943774	0.899986	0.865511	0.838229	0.807664	0.772143	0.896411	0.885392
0.912908	0.806441	0.97453	0.845948	1.0318	0.744872	0.861773	0.806323	1.082837	0.841966
0.938181	0.920082	0.820308	0.793781	0.976786	0.824994	0.876423	0.814529	0.794943	0.909501
0.725331	0.75912	0.820308	0.763141	1.065031	1.000651	0.914013	0.770269	0.648551	0.928164
0.895529	0.803261	1.03816	0.999493	1.019534	1.111286	0.839542	0.795288	0.703887	0.711171
1.103281	0.844202	0.993134	1.094729	0.904805	0.788547	0.757662	1.213339	1.094441	0.86726
0.903464	0.983981	1.024326	0.938241	0.847702	0.732407	0.740984	1.005128	1.155366	0.942003
0.786064	1.078385	1.036407	0.963226	1.225705	1.046987	0.936235	0.983208	0.866411	1.012045
0.972775	1.204466	1.004367	0.845948	1.124571	1.547167	1.187807	0.932809	0.934023	1.007116
1.194728	1.010382	0.801566	0.843645	0.914192	0.789547	1.007296	0.980165	0.751904	0.940599
1.076628	0.877971	0.761673	0.769873	0.759572	0.764268	0.973408	1.095883	0.928637	0.981734
0.724446	1.001958	0.757049	0.71274	1.142542	0.950005	1.020935	0.80836	1.024025	1.151067
0.861513	1.020711	1.022627	0.889648	1.021265	1.048802	0.967242	0.684812	0.711124	1.007116
1.02778	0.832751	0.958148	1.227881	0.882818	0.778672	1.070411	0.782599	0.710314	1.059119
0.936738	0.727841	0.716675	0.921432	0.937872	0.939981	1.01577	1.128762	0.987287	1.097605
0.816653	0.859555	0.739032	0.880799	1.090717	0.989403	1.080226	0.864978	1.042757	0.956298

0.881347	1.001958	0.809796	0.857653	0.863094	0.735048	0.788993	0.814529	0.847134	0.79241
0.895529	0.795932	0.953786	0.96932	0.655385	0.714355	1.012361	0.830344	0.721796	1.122447
0.793253	0.811792	0.894378	0.883309	0.738263	0.773817	0.992448	0.784527	0.768241	0.992657
0.865164	0.675239	0.739032	0.964741	0.717952	0.854197	0.896759	0.751063	1.014137	0.827684
1.062927	0.945696	0.862749	1.002795	0.9554	0.80173	0.771092	0.781638	0.852715	0.741683
1.145435	0.987195	0.97453	0.790719	0.709408	0.738595	1.102632	0.816605	0.915458	0.755189
0.752746	0.692075	0.894378	0.836807	0.890451	0.833772	1.042232	0.984738	1.079036	1.034075
0.854303	0.748752	0.883167	0.863625	1.301367	1.034491	0.675306	1.006737	1.051547	0.743459
1.044075	0.920082	0.853463	0.863625	1.103105	1.046987	0.848764	0.903884	0.985759	0.770076
0.935299	0.902479	0.872238	0.612964	0.73556	0.98782	1.020935	0.876766	1.079036	0.992657
0.887736	0.826022	0.872238	0.693622	0.832838	0.952912	1.042232	0.855772	0.957688	1.037565
0.804795	0.794894	0.989978	0.960211	1.038968	0.947117	0.936235	1.049026	0.692863	0.810727
0.841387	0.685584	0.783599	0.802052	0.956893	0.88426	0.797192	0.983208	0.939476	1.005486
0.817747	0.782639	0.622145	0.640134	0.829479	0.823909	0.807664	1.305452	1.159901	1.062818
0.718303	0.707044	0.720886	0.779675	0.726666	0.935755	0.85345	0.845644	1.035852	1.012045
0.721803	0.692893	0.886872	0.875823	0.775037	0.788547	0.924982	0.749277	0.685156	0.830938
0.933865	0.847697	0.953786	0.887101	0.8643	0.686632	0.890301	0.891347	0.783298	0.804535
0.929592	1.013798	0.782622	0.678441	0.948011	0.772853	0.890301	0.872012	0.852715	0.740797
0.853113	1.017241	0.854613	0.878304	1.063116	1.080875	0.844129	0.965262	1.009277	0.808653
0.831098	0.866828	0.905886	0.931158	0.831715	0.796612	0.838403	0.743085	0.738744	0.824453
0.828844	0.803261	0.869846	0.863625	0.800361	0.670353	0.836134	0.62667	0.697553	0.841966
0.949904	0.81721	0.705913	0.798932	0.712805	0.652466	0.924982	0.789385	0.920682	0.823382
0.892915	0.836155	0.693819	0.72393	0.74925	0.620114	0.890301	0.974142	1.069678	0.909501
0.810145	0.839585	0.855766	0.850592	0.872844	0.811097	0.756719	0.606969	0.794943	1.012045
0.892915	1.138005	0.997913	0.875823	0.79312	0.979989	0.784951	0.719162	0.77759	0.887867
1.010364	0.954581	0.810836	0.869681	0.732872	0.890531	0.808725	0.927405	0.864098	0.721755
1.109671	0.781633	0.867468	1.031921	0.857109	0.838229	1.017485	0.910291	0.902668	0.79241
0.867615	0.918702	0.877061	0.826748	0.787009	0.807952	0.858186	0.791344	0.90393	0.752454
0.792218	0.929864	0.964034	0.801009	0.794147	0.990992	0.652474	0.768403	1.146437	0.886628
0.842545	1.133464	1.11066	0.819082	0.688757	0.738595	0.656197	0.753755	0.909016	0.899186
0.841387	0.699495	0.986844	0.936815	0.76243	0.935755	0.704391	0.864978	0.8878	0.836417
0.877559	0.894589	0.980643	0.897378	0.820646	1.000651	0.844129	0.846758	0.915458	0.706773
1.127185	1.062752	0.952341	0.569921	0.822838	0.754	0.812996	0.80027	0.929978	0.778679
1.154856	0.884288	0.950902	0.734521	0.940745	0.779649	0.877667	0.747499	0.805899	0.812811
0.814473	0.719054	0.884399	0.98177	0.973666	1.007211	1.055155	0.879162	0.722628	1.041084
0.776993	0.639769	0.894378	0.880799	0.844227	1.107106	0.947788	0.882782	0.785217	1.122447
0.750863	0.716453	0.69144	0.827854	0.964437	0.705191	0.849931	0.893826	0.688992	0.950524
0.928177	0.866828	0.689861	0.64302	1.038968	0.707671	0.862975	1.112011	0.975204	0.980196
0.908835	0.779629	0.741688	0.633004	0.956893	0.938568	1.30041	1.001928	1.135528	0.937805
0.810145	0.9516	1.082522	0.964741	1.36537	0.995795	0.922214	1.052594	1.029054	0.950524
0.846039	0.920082	0.902016	1.082613	1.166105	0.80483	0.967242	1.097866	0.881752	1.230777
1.230056	1.142594	0.751565	0.835678	0.994361	0.741274	1.108948	1.122405	1.064159	1.286105
1.184412	0.99206	0.850031	0.657741	0.866724	0.835995	0.97809	0.850117	0.991907	0.966592
0.70712	1.031292	0.893118	0.71701	1.078673	0.795596	1.208646	0.957998	0.84272	0.80762
0.941082	1.15666	1.056097	0.992964	0.99928	0.762383	0.994073	0.880366	0.734445	0.665443
1.034947	1.006993	0.896909	1.035479	0.876557	0.813206	1.121864	1.135214	0.885371	0.849855
0.835641	0.885562	0.708373	0.748134	0.911489	0.760506	0.967242	1.02991	1.100362	0.916075

0.76132	1.068549	0.743467	0.753701	0.959895	0.874412	0.914013	0.860351	1.067831	0.730307
0.757488	1.074424	1.078647	0.918692	1.049947	1.234269	0.946327	0.829272	0.865253	0.894119
0.875051	1.001958	0.811878	0.991347	0.810919	0.703545	0.986008	0.743964	0.927301	1.181707
0.977497	0.910515	0.708373	0.87955	0.9554	0.72804	0.796159	0.764694	0.868736	0.943412
0.80907	0.772684	0.661643	0.698529	0.82504	0.701906	0.82386	0.861503	1.169114	0.835316
0.8345	1.131212	0.881939	0.707671	1.269504	1.046987	1.076273	0.859202	0.91937	0.810727
0.890318	0.927047	0.909791	0.978624	0.79828	0.800701	1.096405	0.931452	0.999716	0.983278
1.159644	0.855963	0.881939	0.997852	0.77701	0.769972	1.128469	1.105893	1.007669	0.876836
0.860303	0.858354	0.790498	0.988131	0.803502	0.891796	1.102632	0.7225	0.872247	0.721755
0.814473	1.072456	0.81502	0.889648	0.796209	1.008867	0.998985	0.707677	0.771957	0.79843
0.853113	0.850043	0.879493	0.703492	0.718815	0.90596	0.908631	0.809382	1.075269	1.148798
0.960427	0.758167	0.872238	0.711044	0.71709	0.870775	0.887745	0.859202	0.880553	1.128887
0.873803	0.822697	0.867468	0.844795	0.8583	0.91656	0.754838	1.013232	0.823394	0.760712
0.907486	0.721672	0.950902	0.945441	0.797243	0.847282	0.705227	0.897571	0.744836	0.782558
0.857893	0.858354	0.772974	0.671431	0.680764	0.79357	0.762411	0.965262	0.953417	0.93227
0.706272	0.833882	0.932607	0.657741	0.70186	0.904653	0.660707	0.864978	1.071534	0.933647
0.866387	0.682375	0.734642	0.687967	0.625789	0.726306	0.718833	0.807341	0.651368	0.676747
1.02956	0.730512	0.804634	0.733628	0.811989	0.807952	0.994073	0.876766	0.716017	0.779645
0.958908	0.86928	0.933988	0.669119	0.740075	0.992587	0.912661	1.109962	0.722628	0.914752
0.75369	0.828254	0.902016	0.681593	0.803502	1.146258	0.828283	1.091943	0.869903	1.122447
0.798461	0.77367	0.843248	0.766013	0.833964	0.815326	0.872714	1.024839	0.708698	0.953401
0.842545	0.650778	0.866283	0.807302	1.024749	0.742171	0.944871	1.018169	0.755482	0.928164
0.868845	0.720798	0.854613	0.728311	0.911489	0.729782	0.767213	0.955126	0.938107	0.917402
0.756535	0.833882	0.726851	0.635842	0.969027	0.994188	0.85345	1.122405	1.155366	0.857891
0.756535	0.865607	0.82674	0.691999	0.832838	0.86957	1.187807	0.851242	0.767317	0.972586
0.696218	0.763916	0.859243	0.694436	0.88917	0.758637	0.990829	0.885212	0.818175	1.239058
0.619723	0.761991	0.907184	0.683972	0.921024	0.723717	0.762411	0.806323	0.928637	0.891608
0.763248	0.872983	0.693819	0.621833	0.922403	0.792561	1.019207	0.962342	1.075269	0.917402
0.655911	1.082382	0.767287	0.766975	1.236959	1.199464	0.903314	0.821838	0.918062	1.002243
0.705425	0.910515	0.862749	0.92006	0.742808	0.902051	0.90068	0.787436	0.889019	1.6067
0.856693	1.02421	0.764471	0.835678	0.815215	0.620114	0.845283	0.939661	0.952003	0.984827
0.754636	0.848868	0.678199	0.675311	1.149477	0.886757	1.128469	0.952273	1.009277	0.899186
0.668159	0.897203	0.777772	0.855286	1.191019	0.794582	1.132929	0.881572	0.768241	0.875627
0.672058	0.902479	1.002745	0.854108	0.948011	0.792561	0.877667	0.731814	0.821299	0.894119
0.891615	1.017241	0.883167	0.98177	0.796209	0.997407	0.964192	0.822892	0.839439	0.89538
0.966557	0.924247	0.719196	0.743549	0.753912	0.83935	0.862975	0.870832	0.999716	0.783533
1.02778	0.760075	0.630999	0.841354	0.837358	0.756776	1.053285	0.906436	0.885371	0.863723
0.836784	0.766819	0.881939	0.825644	0.894319	0.835995	0.896759	0.795288	0.911581	0.813856
0.84721	0.774657	0.88936	0.701003	0.682351	1.07504	0.771092	0.755559	1.037568	0.974097
0.882618	0.972917	0.790498	0.689575	0.748324	0.91522	0.883938	0.959441	0.914162	0.803511
0.801617	0.739536	0.756131	0.778685	0.733766	0.813206	0.97809	1.07276	0.925969	0.920067
0.818844	0.835017	0.811878	0.757452	0.885347	0.878079	1.036809	0.85237	0.949188	0.786472
0.856693	0.990432	0.940955	0.815837	0.884081	1.092785	0.759556	0.853501	1.104354	0.811767
0.966557	1.161451	0.766346	0.983351	0.833964	0.819596	0.755777	0.753755	1.001295	0.900462
0.825485	0.747821	0.638635	0.639416	0.76243	0.796612	0.763367	0.882782	0.865253	0.972586
0.833363	0.735001	0.732899	0.832307	1.016092	1.034491	0.933395	0.915485	0.900154	0.913433
0.790157	0.789746	0.935372	0.73721	0.911489	1.003919	0.7511	1.009972	1.065991	0.885392

0.840231	0.857157	1.026031	0.821258	0.867941	0.883017	0.854629	0.932809	1.169114	1.020386
0.712246	0.765849	0.88936	0.775728	0.827254	1.143988	1.130694	1.063478	0.829741	0.950524
0.882618	0.811792	1.026031	0.946896	1.002591	1.196899	1.045885	1.095883	0.802883	0.791414
0.710531	0.740449	0.848893	1.02315	1.168533	0.80173	0.819482	0.910291	0.934023	0.886628
0.668159	0.757216	0.935372	0.766013	0.863094	0.63881	0.754838	0.968202	1.164483	1.083744
0.693741	0.79386	0.846626	0.750909	0.874078	0.698645	0.711127	0.806323	0.950593	0.820183
0.742491	0.694534	1.015898	0.660746	0.818466	0.876853	1.108948	0.835747	0.876974	0.796414
0.679166	0.694534	0.958148	0.741728	0.706878	0.831561	0.940532	0.924728	0.752796	0.829851
0.617645	0.779629	0.953786	0.9755	0.918278	0.735048	0.97809	0.957998	0.743961	0.984827
0.715697	0.70959	0.84101	0.733628	0.890451	0.83711	1.045885	0.83142	0.891469	0.860214
0.871317	0.808573	0.828905	0.736312	0.972114	0.920602	1.187807	0.898826	0.94085	0.953401
0.659702	0.753434	0.962555	0.87955	1.101016	0.970774	0.882677	0.924728	0.826556	1.135423
0.633122	0.632582	0.693024	0.914615	0.937872	0.776723	0.964192	0.998751	0.772891	1.256109
0.563157	0.836155	0.72004	0.906575	0.967492	0.800701	0.974963	1.052594	1.014137	0.905604
0.542909	0.828254	0.72771	0.743549	0.906133	0.894337	0.818394	0.730959	1.0886	0.957754
0.481686	0.888122	0.774887	0.728311	1.1759	0.779649	0.709433	0.742208	0.865253	0.86255
0.527477	0.767791	0.770121	0.768905	0.91555	0.75957	0.872714	0.814529	0.83835	0.905604
0.742491	0.911869	0.688288	0.826748	0.925175	0.807952	1.293867	0.936907	0.944999	1.160267
0.766157	0.852401	0.776808	0.689575	0.775037	0.636692	0.892873	1.152903	0.991907	0.878048
0.695391	0.752494	0.731162	0.798932	1.023003	0.83711	0.644394	0.751959	0.914162	0.857891
0.714831	0.753434	0.835466	0.943992	1.234118	0.87563	0.643667	0.641013	0.836182	1.012045
0.692918	0.674454	0.788516	1.01969	0.874078	0.794582	0.940532	0.914181	1.037568	1.085697
0.694565	0.667446	0.847758	0.826748	0.902159	0.888011	1.022671	1.070888	1.106364	0.878048
0.683166	0.715589	0.720886	0.815837	0.851206	0.854197	0.802397	1.259835	1.218362	0.730307
0.625314	0.741364	0.806691	0.936815	0.751109	0.835995	0.836134	0.948028	1.208055	0.84085
0.598051	0.675239	1.061626	1.002795	0.656882	0.972296	0.791029	0.872012	1.304609	1.059119
0.739736	0.724305	0.752474	0.813688	0.626487	0.816389	0.711977	0.816605	0.834024	0.771973
0.688015	0.831622	0.836569	0.939671	0.76243	0.935755	0.717109	1.07276	0.909016	0.771973
0.800562	1.005308	0.883167	0.941107	0.935018	0.992587	0.867817	0.987813	0.946391	0.795409
0.795329	0.876719	0.791493	0.694436	0.753912	1.102966	0.866602	0.949438	0.944999	1.114008
0.92117	0.854773	0.829992	0.747213	0.746477	0.93296	0.851101	0.936907	0.774764	0.925448
0.785047	0.796971	0.878276	0.786671	0.978355	0.778672	0.819482	1.07653	0.783298	0.906899
0.843707	0.77863	0.964034	0.767939	0.877802	0.712674	0.723173	1.011599	0.970759	1.070311
0.738822	0.665904	0.805661	0.654756	0.703526	0.82067	0.824962	1.011599	1.129112	1.2475
0.750863	0.683977	0.97605	0.641575	0.837358	1.088779	0.827173	0.85237	0.8878	1.051815
0.790157	0.832751	0.802586	0.659993	0.874078	0.831561	0.962675	0.920743	0.744836	0.946243
0.685583	0.877971	0.907184	0.970856	1.131223	0.821747	0.971858	0.969679	0.830808	1.066548
0.800562	0.779629	0.920379	0.952763	1.098937	0.832665	0.827173	1.070888	1.019053	1.335383
0.644735	0.806441	0.678199	0.817998	1.209351	0.928802	0.98124	1.043729	1.017408	1.273857
0.65066	0.802206	0.767287	0.963226	0.995995	1.027509	1.274811	0.920743	0.779484	1.44122
0.647687	1.144907	1.005996	0.931158	0.838495	0.726306	0.899369	0.848994	0.823394	1.060965
0.6074	0.977624	0.92986	0.892209	0.832838	0.656132	0.875183	0.896319	1.029054	1.015363
0.746192	0.883017	0.726851	0.892209	1.024749	0.78457	0.931981	1.074641	1.082837	0.978663
0.679963	0.738625	0.757049	0.73811	0.927965	1.061723	0.984413	0.806323	0.893933	1.270848
0.597391	0.936989	0.807724	0.909238	0.921024	0.937159	1.024413	0.791344	0.953417	1.308408
0.505577	0.876719	0.808759	0.907905	0.975223	0.66732	0.896759	0.883995	1.073397	0.905604
0.60538	0.752494	0.787528	1.088629	0.890451	0.818524	1.113211	0.969679	1.051547	0.912119

0.762283	0.790771	0.759818	0.80942	0.772095	0.948559	0.950725	0.73698	0.807921	0.876836
0.768107	0.837295	0.824585	0.866037	0.670589	0.864782	0.989216	0.734389	0.824445	1.068426
0.68397	0.841887	0.73203	0.957216	0.743722	0.690599	0.818394	0.812463	0.93538	0.904313
0.521897	0.736809	0.800548	1.190575	0.799319	0.724578	1.058919	1.011599	0.999716	0.86726
0.621812	0.640494	0.739032	0.957216	0.875316	0.909905	0.929168	1.008351	1.032439	0.806589
0.688828	0.763916	0.873439	0.766975	0.783985	1.050625	0.793074	0.827135	1.153117	0.900462
0.862727	0.848868	0.699421	0.761236	0.765307	0.995795	0.918094	1.003525	0.914162	0.887867
0.832229	0.68478	0.755214	0.806247	0.81738	1.018936	0.990829	1.259835	1.035852	0.892862
0.762283	0.624811	0.745254	0.905249	1.285143	1.029244	1.08824	0.883995	0.909016	0.850994
0.784032	0.824911	0.825661	0.718729	1.004256	0.911228	0.946327	0.895071	0.942229	0.839738
0.982271	0.871745	0.900734	0.755573	0.851206	0.710166	0.922214	0.960889	0.979696	1.222651
0.863943	0.714727	0.858081	0.811549	0.85238	0.867169	0.805549	0.977143	0.789081	1.124583
0.778992	0.697008	0.899455	0.860032	1.144842	1.293937	1.219452	0.966729	0.688992	1.003861
0.787084	0.717318	0.817128	0.766013	1.266442	0.900756	0.995704	1.031613	0.767317	1.010396
0.960427	0.97448	0.852316	0.582329	1.118019	0.864782	1.117516	1.069023	0.8878	0.910808
0.935299	0.928453	0.856922	0.653272	1.051804	1.115507	0.979662	0.793312	0.91287	1.120322
0.62251	0.957584	1.05245	0.856468	1.103105	1.105031	0.908631	0.854635	1.195507	1.066548
0.668159	0.824911	1.039921	0.837939	0.820646	0.778672	1.068474	0.969679	0.897655	1.133233
0.785047	0.880487	0.913731	0.854108	0.774054	0.768062	1.14659	1.091943	1.024025	1.074107
0.825485	0.853585	0.787528	0.750909	0.942188	1.069283	1.086223	1.058002	1.195507	0.808653
0.83793	0.953088	0.843248	0.830075	1.02826	0.955838	1.072356	0.809382	0.823394	0.820183
0.835641	1.074424	0.962555	0.866037	0.859493	0.756776	0.89546	0.832497	1.049775	0.887867
0.84721	0.884288	0.909791	1.082613	0.717952	0.789547	1.26864	0.980165	1.116557	1.042854
0.82326	0.885562	0.842128	1.016258	0.895616	1.059853	1.187807	1.093908	1.073397	1.057282
0.84721	0.876719	0.7965	1.256638	1.2014	1.23149	0.968776	0.897571	1.144233	1.116102
0.982271	1.176151	0.916378	1.063141	1.078673	1.038025	0.886472	0.73698	1.148652	1.128887
0.931012	0.995334	1.161252	1.004455	0.819555	1.341189	1.230535	1.014871	1.176154	0.889111
0.912908	0.890698	0.980643	0.958711	0.859493	1.234269	1.18275	1.360049	0.920682	0.925448
0.811223	0.791798	0.917708	0.861226	0.756733	0.992587	0.862975	1.008351	0.874604	1.219976
1.076628	1.001958	0.903302	1.066967	0.898221	0.800701	0.724047	0.952273	1.049775	1.264892
1.04778	1.049521	1.020935	1.046334	1.048098	1.217858	0.958155	1.084168	1.049775	1.144293
1.10753	0.962127	1.234797	0.997852	1.147153	1.390208	1.137435	1.074641	0.815073	0.966592
1.22443	1.068549	1.043464	1.039068	1.193591	1.394218	1.518408	1.218558	0.675338	0.830938
1.213393	1.204466	1.215871	1.137747	1.17343	0.941399	1.040417	1.152903	0.927301	0.937805
1.143111	1.020711	1.039921	1.072768	0.959895	0.900756	0.752965	1.045487	1.242486	1.191587
0.843707	0.890698	0.986844	0.757452	0.979929	1.212523	1.07431	1.040233	1.032439	1.360444
1.157244	1.068549	1.067226	1.033697	1.191019	1.039803	1.115358	0.945221	0.854968	1.669508
1.281067	0.924247	1.223881	1.203534	1.422619	1.005562	1.327613	1.200561	1.150879	1.179272
1.293993	0.982383	0.905886	1.040873	1.204034	1.032735	1.622511	1.761054	1.320809	1.53499
0.917019	1.207134	0.819245	0.851761	1.493694	0.893064	1.214015	1.067167	0.996576	1.066548
0.654404	0.969806	0.991553	1.040873	0.978355	1.172047	0.949254	0.723339	0.998143	1.191587
0.766157	0.911869	1.17548	1.115705	0.670589	1.029244	1.027919	0.893826	1.122789	1.214674
0.83793	1.057032	1.127597	0.958711	0.936443	0.90596	0.927768	1.426729	1.19304	0.966592
0.923959	1.088449	0.81397	0.911919	1.726455	1.059853	1.430032	1.200561	0.93538	0.922749
1.184412	1.111446	0.825661	0.984939	1.639081	1.010529	1.084214	0.945221	1.157628	1.09161
0.880081	0.87547	0.933988	0.973947	0.838495	0.961751	0.860574	0.843425	1.205516	1.25322
0.856693	1.111446	1.056097	0.833428	0.816296	0.810046	0.844129	0.916794	0.944999	1.2475

0.906141	1.017241	0.875851	0.935394	0.783985	0.807952	1.086223	1.005128	0.905196	0.817008
0.995265	0.763916	0.755214	1.074719	1.057423	0.879308	0.872714	0.774026	0.854968	0.803511
0.895529	0.895894	0.779705	0.820169	0.961404	1.094802	0.837267	0.876766	1.102353	0.84533
1.194728	1.036681	0.92713	0.868463	1.053669	1.316921	1.198102	1.105893	0.896411	0.947665
1.109671	0.99206	0.753386	0.812617	0.904805	0.909905	1.007296	1.195553	0.850474	0.906899
1.00866	0.749684	0.905886	0.840213	0.90348	1.018936	0.867817	0.809382	0.789081	0.943412
0.791187	0.767791	0.916378	0.948355	1.314797	0.939981	0.747394	0.817646	0.911581	1.099622
0.896841	0.959093	0.948036	0.767939	0.973666	0.850726	0.774025	0.879162	0.813017	1.139835
1.003589	0.85122	0.839896	0.672979	0.811989	1.007211	0.992448	0.986272	0.859509	1.116102
0.806927	0.801154	1.257486	0.94982	0.958392	1.26011	0.967242	1.095883	0.969287	1.179272
0.849561	0.808573	0.943774	1.068892	1.170974	0.978439	1.084214	1.900136	0.966358	1.230777
0.839079	1.010382	0.77107	0.858841	1.156526	0.796612	0.998985	1.328498	1.041021	0.968083
0.870079	0.889408	0.899455	0.774747	0.994361	0.856527	1.029682	0.862658	0.8878	1.005486
0.779995	1.084395	1.19019	0.794806	1.676634	1.007211	0.930572	0.930099	0.826556	0.89538
0.756535	0.959093	1.00763	0.928357	1.109434	0.856527	0.941973	0.968202	0.944999	1.199147
0.867615	0.95608	0.788516	1.002795	0.983095	0.927424	1.23335	1.045487	1.180912	1.308408
0.833363	0.948638	0.801566	0.857653	1.046256	1.025781	1.317211	0.782599	1.623293	0.966592
0.800562	1.27351	0.823512	1.044506	1.196179	0.831561	1.175273	0.903884	0.982717	0.956298
0.716564	0.990432	0.883167	0.906575	0.866724	0.876853	1.07431	0.864978	1.010891	1.181707
0.917019	0.948638	0.842128	1.160966	0.748324	0.785561	1.222197	0.911584	0.890243	0.930897
0.957394	1.022457	0.896909	0.963226	0.847702	0.886757	0.976524	1.135214	1.377125	0.850994
0.922562	0.821594	0.860409	1.198304	1.084653	1.287587	1.33827	0.85237	1.153117	1.367878
1.120534	1.217973	1.012572	1.262625	0.961404	0.992587	1.019207	0.843425	1.248034	1.153349
1.096983	0.93128	0.989978	0.906575	0.697723	1.378395	0.886472	0.807341	1.104354	0.799442
1.120534	0.865607	0.862749	0.797897	0.877802	1.030986	1.205986	1.005128	0.868736	0.903026
0.798461	0.692075	0.751565	0.967788	1.196179	0.842731	0.958155	1.198049	0.957688	0.910808
0.961951	0.722548	1.001128	1.211499	0.925175	0.824994	0.775991	1.014871	1.069678	1.116102
1.157244	1.240497	1.168308	0.73721	0.961404	0.857697	0.997341	1.709332	1.135528	1.151067
1.133939	0.998633	1.152019	0.851761	1.384961	1.402351	1.250637	1.07276	0.891469	1.214674
0.944003	0.920082	1.129761	1.461806	1.32515	0.927424	1.180244	1.126633	0.850474	1.034075
1.012074	1.015516	1.293911	1.035479	1.103105	0.810046	0.989216	1.452941	1.408282	1.153349
1.353675	1.049521	0.936761	0.742637	1.275692	0.799676	0.955168	1.565392	1.190587	1.133233
1.103281	1.340831	0.859243	0.711891	1.245596	0.923318	0.995704	0.948028	0.975204	1.364145
0.8345	1.229089	1.226584	1.021417	1.068885	0.98467	1.072356	0.648013	1.009277	1.529516
0.911546	1.64449	1.202841	1.057466	1.084653	0.983104	1.058919	0.945221	1.110412	1.042854
1.321061	1.163867	0.989978	0.951289	1.02826	0.90335	1.297126	1.295937	1.304609	0.918732
1.405581	0.922854	0.735517	1.082613	1.024749	0.90596	1.256555	1.031613	1.106364	1.070311
1.129425	1.057032	1.293911	1.140013	1.105205	0.997407	0.796159	0.86731	1.502615	1.222651
1.262371	1.154284	1.644671	0.922808	0.94509	1.094802	0.998985	1.176079	1.116557	1.044632
2.22836	1.060837	1.056097	1.158588	0.8583	1.595607	1.932207	2.126718	1.155366	1.076017
1.122265	1.038492	0.868655	1.262625	1.038968	1.547167	1.448176	1.352837	1.208055	1.118207
1.277894	1.183692	0.983732	0.92006	1.042597	0.881777	0.81407	1.315179	1.876926	1.279938
1.680282	1.583105	1.405178	0.984939	1.509419	1.463994	0.818394	1.050807	1.237008	2.092484
1.642095	1.295904	0.988408	1.090653	1.178383	1.468751	1.809959	1.176079	0.943612	1.074107
1.69655	0.88684	1.090377	1.033697	1.653715	2.152678	1.190358	1.198049	1.120701	1.186619
1.516061	0.939872	1.549412	1.287434	2.033153	1.382297	1.108948	1.24923	1.573291	1.581458
1.376864	1.351894	2.126648	1.739264	1.982714	1.635848	1.30041	1.863863	1.388548	1.353135

1.3281	2.499368	2.222697	1.250732	1.377019	1.775558	1.615718	1.595589	1.348055	2.134195
1.580825	1.163867	1.511224	1.113562	1.251029	1.251251	2.388381	1.248439	1.279884	1.179272
1.116156	1.438397	1.306252	1.300392	1.251177	1.251325	1.241907	1.190602	1.010891	1.971742
1.388939	1.312113	2.030428	1.427372	1.548491	0.995795	1.866796	1.246371	1.250835	1.563445
1.336601	1.324357	1.287624	1.607781	1.792874	1.564705	1.582858	2.014937	1.316988	1.38314
1.284262	1.546527	1.138528	1.256638	1.407034	1.303674	1.24591	1.188147	1.91411	1.249609
0.932436	1.398084	1.409288	1.55743	1.200313	1.060387	1.166067	1.038495	1.664978	1.415534
1.427322	1.38688	1.566865	1.48131	0.976786	1.143988	1.155028	1.74312	1.927248	1.581458
1.278079	0.99206	1.272294	1.371871	1.191019	1.269078	2.102966	1.622868	2.032372	1.331918
1.152482	1.074424	0.958148	1.471449	1.80325	1.608611	1.287422	1.395018	1.502615	1.09161
1.414147	0.9516	0.915053	1.98858	1.376389	1.281329	1.005621	0.956559	1.148652	1.279938
2.22836	1.243397	1.344209	1.050013	1.193591	1.002281	0.883938	0.948028	1.131028	1.174442
1.431804	1.098751	1.161252	1.074719	1.059313	1.228729	1.408369	1.126633	1.124886	1.135423
1.271618	0.803261	1.08058	1.168182	1.260383	1.248435	1.208646	1.124514	0.814044	1.066548
1.082635	0.929864	1.096363	1.092686	1.566375	1.169638	0.876423	1.061645	1.324122	1.419575
1.154856	1.047663	1.290756	1.05935	0.933598	1.06738	0.91673	1.526361	1.218362	0.925448
1.017247	1.154284	1.145221	0.840213	0.940745	1.000651	0.805549	0.853501	0.866411	0.781585
0.76132	0.893288	0.881939	0.73811	0.828365	1.124073	1.08824	0.950853	0.676834	0.869634
0.721803	0.787704	0.911101	0.785664	1.101016	0.708501	0.940532	0.952273	0.781387	0.796414
0.723563	0.802206	1.05427	0.935394	0.832838	0.640937	0.683988	0.953697	0.765475	0.814904
0.94254	0.806441	0.847758	0.660746	0.769173	0.674942	0.761457	0.791344	0.737881	0.755189
0.787084	0.806441	0.657967	0.687165	0.711103	0.90335	0.822762	0.606969	0.527944	0.847587
0.633839	0.706199	0.734642	0.814761	0.74925	0.66732	0.803445	0.776864	0.652784	0.682124
0.541747	0.632582	0.672106	0.727431	0.791074	0.532631	0.662221	0.619343	0.74924	0.749736
0.630267	0.531879	0.451973	0.694436	0.712805	0.535411	0.682397	0.620004	0.684393	0.636664
0.53713	0.600309	0.475374	0.55667	0.654639	0.520071	0.515067	0.575401	0.663551	0.790421
0.610108	0.506092	0.546253	0.464062	0.39643	0.576926	0.641492	0.544303	0.633373	0.61164
0.593451	0.539866	0.530684	0.458821	0.449316	0.534853	0.521052	0.484193	0.571547	0.475645
0.578672	0.498697	0.468693	0.444842	0.476652	0.534297	0.529348	0.492992	0.390885	0.402012
0.53713	0.465925	0.452885	0.507372	0.490227	0.551312	0.447177	0.524212	0.39205	0.489808
0.483712	0.45537	0.479238	0.466465	0.420543	0.534297	0.453695	0.475095	0.429395	0.477571
0.51475	0.491942	0.50626	0.42512	0.363932	0.469804	0.501765	0.510116	0.476352	0.441469
0.606052	0.541019	0.519363	0.469852	0.471241	0.53042	0.437127	0.497959	0.482536	0.383357
1.300604	0.985585	0.894378	0.668351	0.672139	0.462671	0.394576	0.349261	0.388178	0.439254
0	0	0	0.334175	1.188463	0.827172	0.697757	0.568883	0.452016	0.534198
0	0	0	0	0	0	0.284442	2.418498	0.493107	1.53499
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0	0	0	0	0	0	0	0	0	0
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[illegible]

0.82797	0.897833	1.698578	1.174814	0.994337	1.272992	0.748491	1.156656	1.630468	0.862252
0.949258	0.855591	1.469149	1.017256	0.955157	1.291634	0.969738	0.917698	1.726715	1.120328
1.133298	1.24444	0.918796	0.847704	1.143376	1.077904	1.080477	1.145656	1.324158	0.950242
0.74034	1.190028	0.902815	1.101945	1.450224	1.051508	1.1043	1.083051	0.993646	0.781495
0.751174	1.015508	1.410651	1.318888	1.473354	1.757474	0.988156	1.229239	0.99982	1.039665
0.746627	0.846222	1.173352	0.816056	0.924561	1.083721	0.737789	0.973873	1.334112	1.83457
1.43636	0.897833	0.670457	0.758939	0.761833	1.138131	0.704724	0.99793	1.286479	1.33444
1.107628	0.876199	0.642292	0.92561	0.741101	1.003165	1.1043	1.150023	0.859009	1.039665
0.652636	0.934574	0.860492	1.066814	0.887265	0.851609	0.879186	0.972413	0.962601	0.983534
0.63131	0.884977	0.86287	0.835426	0.91264	0.796479	0.789162	0.96662	0.815212	1.147988
1.007852	0.877442	0.624023	0.783619	1.296314	0.931067	1.004125	1.104248	0.796322	0.962967
0.808763	0.850881	0.650991	0.804631	0.969811	1.105914	1.245945	0.87958	0.653374	0.932496
0.786387	0.810644	0.86287	0.843199	0.698382	0.603724	0.869535	0.832755	0.559894	0.760292
0.766999	0.826959	0.762199	0.756179	0.679646	0.606337	0.768823	0.853315	0.64643	0.856599
0.699522	0.596046	0.58964	0.716761	0.80755	0.64899	0.900436	0.852208	0.73559	0.889244
0.752089	0.622911	0.897617	0.70601	0.666107	0.848165	0.823181	0.641746	0.617773	0.706218
0.797431	0.6086	0.805947	0.835426	0.640231	0.987125	0.880408	0.623743	0.628877	0.615497
0.859645	0.771864	0.609143	0.629785	0.71713	0.726324	0.815739	0.70385	0.769901	0.728215
0.866743	0.601948	0.690035	0.768266	0.631937	0.664442	0.685561	0.677933	0.661857	0.652485
0.649008	0.623605	0.760311	0.767324	0.623799	0.708554	0.60651	0.536999	0.676373	0.76755
0.814014	0.681414	0.715606	0.718439	0.567777	0.654812	0.575723	0.586822	0.615842	0.630584
0.661468	0.613997	0.535332	0.643007	0.608615	0.626453	0.678588	0.630324	0.597611	0.72323
0.496951	0.601288	0.619233	0.73384	0.606027	0.663693	0.724772	0.722302	0.586068	0.750506
0.615642	0.823647	0.684464	0.618955	0.588335	0.687515	0.541334	0.660528	0.61456	0.735802
0.908007	0.646399	0.633765	0.630471	0.617794	0.700341	0.607162	0.630988	0.617128	0.509614
0.816132	0.534797	0.582703	0.70929	0.633309	0.717772	0.825331	0.686905	0.495973	0.530307
0.586531	0.575069	0.648072	0.779729	0.716297	0.65997	0.567909	0.574986	0.54437	0.593501
0.528076	0.692657	0.616519	0.627052	0.745525	0.768945	0.556154	0.73393	0.690629	0.545401
0.646846	0.663554	0.696491	0.540849	0.595829	0.690686	0.661998	0.668419	0.698324	0.565039
0.741233	0.647864	0.587737	0.606435	0.620453	0.58027	0.560818	0.493275	0.625582	0.586209
0.792376	0.634852	0.578965	0.581202	0.611871	0.598545	0.533009	0.62768	0.601942	0.676291
0.722864	0.730014	0.677404	0.593005	0.633996	0.605029	0.584918	0.662666	0.561024	0.563892
0.639009	0.710086	0.622649	0.620965	0.609914	0.606337	0.722215	0.792413	0.690629	0.585606
0.486886	0.55684	0.665887	0.715925	0.712985	0.742157	0.753029	0.681649	0.798272	0.548153
0.571767	0.613318	0.563729	0.630471	0.876312	0.866857	0.577547	0.573238	0.753728	0.874952
0.665952	0.659013	0.638719	0.6291	0.699981	0.651164	0.787183	0.716603	0.656183	0.862252
0.713543	0.598659	0.591552	0.656644	0.649398	0.820479	0.767878	0.65558	0.636891	0.67555
0.616982	0.617404	0.624023	0.639488	0.829643	0.850458	0.718829	0.556136	0.811166	0.78912
0.548799	0.653774	0.654667	0.59112	0.767408	0.841358	0.747589	0.611507	0.836025	0.807784
0.651908	0.679832	0.661364	0.638089	0.599626	0.805713	0.638244	0.728908	0.742411	0.67555
0.812959	0.671229	0.830699	0.67679	0.613836	0.962634	0.702282	0.73901	0.813184	0.573734
0.627856	0.662035	0.929785	0.763577	0.706434	0.750295	0.677053	0.763537	0.817249	0.677033
0.623065	0.701699	0.82739	0.854549	0.971304	0.707726	0.726486	0.689177	0.689106	0.89904
0.67969	0.643483	0.764094	0.825633	0.79942	0.78943	0.783253	0.811109	0.836025	0.795903
0.753006	0.702531	0.809097	0.647981	0.753603	0.904233	0.874334	0.704636	0.62954	0.624618
0.731514	0.863959	0.886142	0.710114	0.72554	0.701971	0.746689	0.680159	0.658302	0.687558
0.753925	0.783741	0.7356	0.809787	0.718799	0.709384	0.926845	0.768067	0.890468	0.979044

0.887511	0.832537	0.786513	0.729507	0.660953	0.909469	0.960814	0.791451	0.690629	0.968745
0.739449	0.672004	0.841917	0.726928	0.793422	0.892679	0.754858	0.843455	0.706949	0.910331
0.795402	0.759354	0.815466	0.776835	0.836167	0.787437	0.746689	0.970957	0.888058	0.886829
0.985335	0.953438	0.738278	0.863849	0.795412	0.835765	0.861262	0.841294	0.878549	0.813849
1.097364	0.943178	0.758432	0.73297	0.962422	0.940864	1.055888	0.795312	0.704579	0.774932
0.917288	0.908399	0.861679	0.746208	0.991194	0.797495	0.8105	0.753736	0.640953	0.872615
0.9745	0.998727	0.799716	0.975808	0.903589	0.687515	0.855448	0.839143	0.727212	0.986554
1.160581	1.172487	0.823016	1.184538	0.971304	0.959668	1.024096	0.908794	0.82758	0.861115
0.893813	0.828069	0.728541	0.931062	1.030494	1.114274	1.125285	0.771725	0.823418	0.764814
0.777555	0.823647	0.8713	0.865025	0.96389	0.956722	0.814686	0.7015	0.710926	0.731571
0.736788	0.746273	0.983002	0.922909	0.676601	0.728923	0.95207	0.62768	0.714941	0.836839
0.797431	0.590224	0.784517	0.875759	0.838364	0.783478	0.972754	0.825419	0.769901	0.745259
0.809808	0.645668	0.631659	0.88184	1.025383	0.965621	0.848573	1.071911	1.077945	0.78816
0.814014	0.808515	0.726794	0.883066	0.962422	1.053338	0.882861	0.8879	1.141987	0.793955
0.70278	0.810644	0.917441	0.707647	0.82428	1.06637	0.827492	0.753736	1.065112	0.924543
0.667458	0.708396	0.872518	0.645842	0.762757	1.011412	1.046821	0.933401	0.902723	0.696011
0.662958	0.632013	0.948259	0.70601	0.779739	0.982427	0.857764	0.884315	0.862394	0.744391
0.994843	0.887517	1.050956	1.044879	0.92322	1.033618	0.89156	0.86682	1.072399	0.89904
0.962438	1.143974	1.025945	0.866205	1.079424	1.356574	1.114666	0.945563	1.006082	0.798843
0.926771	0.976273	1.211549	0.947841	1.093064	1.035375	1.231979	1.141333	0.808156	0.937879
1.064178	0.909738	1.309685	1.245123	1.091089	0.868052	0.926845	1.102277	0.823418	1.04138
1.694904	1.197768	1.277539	0.853401	0.915261	0.896496	0.884093	1.250834	1.040529	1.191875
1.278475	1.17495	0.870086	0.992864	0.879933	1.118516	1.163464	1.102277	1.271695	0.916734
0.782439	1.09818	1.01735	1.103983	0.878722	0.983988	1.476394	0.96662	0.852317	0.918026
0.849209	1.085936	1.173352	1.245123	0.959502	0.85508	1.234736	0.938764	0.978586	1.100188
0.952153	0.843911	0.736491	0.722663	1.02708	0.872867	1.07461	1.189026	1.164104	1.301937
1.330752	1.134871	0.765045	0.7925	1.132403	1.064484	1.032696	0.920276	0.864665	0.960107
0.925404	1.24444	1.265318	0.959398	0.950856	0.985554	1.04503	0.657694	0.68008	0.906535
0.752089	1.300021	1.504248	1.322251	0.863291	0.848165	0.943498	0.767157	0.920483	0.93116
0.853816	0.953438	0.976757	0.994448	0.92055	0.864476	0.98193	1.196288	1.152905	0.849912
1.128913	0.855591	0.948259	1.124902	0.816881	0.804677	0.929577	1.02504	0.896552	1.008298
1.226325	0.88245	1.15195	0.996038	1.013685	1.09166	0.823181	0.807106	0.806161	0.94333
1.284676	0.887517	1.101613	1.095889	1.016995	1.304522	0.834039	0.80611	1.009248	0.891672
1.245868	0.977839	0.687639	0.955028	0.945186	0.953795	1.2753	1.170234	1.085453	1.090458
0.993244	0.754637	0.846487	1.02741	0.992763	1.040686	1.269268	0.937417	0.767164	0.873782
0.830157	0.781739	1.075546	0.959398	1.056994	1.334999	1.004125	0.847809	0.910246	0.838991
1.323863	1.058642	1.180728	0.789519	0.815834	1.06637	0.963768	1.104248	1.131336	1.18226
1.266333	1.197768	1.344403	0.957936	0.662419	1.064484	0.991303	1.156656	1.037128	1.064319
0.935068	0.854409	1.374325	1.322251	0.888499	1.371578	0.912122	0.891515	1.141987	0.967293
0.925404	1.056757	0.972131	0.868574	1.089123	0.816209	0.858927	1.161135	1.317647	0.936527
0.971453	1.017222	1.029431	0.742638	1.022008	0.760454	0.744894	1.12034	1.411017	1.152405
1.047584	0.760304	0.86287	0.7925	0.851783	0.835765	0.722215	0.810105	0.869244	1.168225
0.86082	0.854409	1.077497	0.890498	0.917897	0.913438	0.8105	0.70385	0.682319	0.818968
0.963928	1.182424	1.06025	1.034313	0.96389	0.916104	0.844049	0.881941	0.859009	0.873782
0.949258	1.079941	0.775647	1.037807	1.205387	0.932453	0.980387	1.061049	1.161841	0.825192
1.099398	0.977839	0.78154	0.689972	1.046199	0.967123	1.024096	0.87958	1.369042	1.237989
0.798449	1.102339	1.715232	0.825633	1.154634	1.028392	0.95207	0.811109	0.809157	1.031188

0.794391	0.897833	1.06025	1.022303	1.071818	0.795465	0.881633	0.842373	0.819295	0.982033
0.958001	1.108653	0.760311	0.913588	0.94378	0.818339	1.11049	0.855537	0.851212	0.983534
0.922682	0.940291	0.8713	0.901889	0.82428	1.079805	1.254545	0.920276	0.901482	0.915446
0.754846	1.022406	0.806994	0.799535	0.946597	0.908154	0.944915	0.779134	0.828626	0.830447
0.936467	1.024148	0.958542	0.88184	0.77211	0.689098	0.940678	0.847809	1.07981	0.773075
0.877614	0.920601	0.908077	0.860338	0.617794	0.753962	0.857764	0.821282	0.984548	0.769384
0.844651	0.802187	0.887402	0.809787	0.638143	0.851609	0.687126	0.653477	0.843552	0.753153
0.743921	1.038339	0.867667	1.008972	0.622458	0.818339	0.724772	0.619842	0.781028	0.998845
0.6766	0.80534	0.9706	0.957936	0.740222	0.782494	0.754858	0.759948	1.076088	0.968745
0.772725	0.605927	0.800748	0.767324	0.733251	0.817273	0.858927	0.921571	1.04915	0.811818
0.842389	0.622219	0.75937	0.768266	0.883583	0.806751	1.002501	1.329506	0.920483	0.784339
0.866743	0.748118	0.888666	0.971271	1.095048	0.922841	0.717146	0.850003	0.767164	0.915446
0.858473	0.916495	0.835152	0.819225	0.773056	0.897776	0.763183	0.85777	0.792448	0.994195
0.806681	0.787773	0.939635	0.719281	0.857499	0.950888	0.988156	0.896382	1.110789	0.874952
0.763223	0.741695	0.976757	0.917558	1.12809	0.85741	1.185123	0.883126	0.901482	0.932496
0.770808	0.852054	1.142766	1.20725	0.978847	0.753042	0.759463	0.795312	0.912783	1.051817
0.900207	0.824748	0.834034	0.810825	0.991194	0.950888	0.812588	0.870263	0.842469	1.013102
0.74034	0.966994	0.750073	0.73998	0.92055	1.038908	0.962289	0.917698	0.807158	0.811818
0.685152	0.79492	0.796633	0.860338	0.773056	0.739478	0.903006	0.764439	0.747598	0.732414
0.67583	0.870035	0.922884	0.94077	1.0662	0.721173	0.838459	0.795312	0.828626	0.790083
0.796415	0.79802	0.912066	0.686834	0.989631	0.751209	0.929577	1.005729	0.933628	0.967293
0.990063	0.854409	0.763146	0.810825	1.060653	1.049685	0.832941	0.73901	0.77822	0.754039
0.86318	0.832537	0.889933	0.946417	0.91264	0.938042	0.801226	0.774488	0.798272	0.77961
0.839019	0.950482	1.203636	1.06308	0.676601	0.739478	0.738671	0.865679	0.870396	0.855478
0.963928	0.966994	0.990937	0.861505	0.839466	0.750295	0.900436	0.982739	0.885661	0.895341
0.976031	0.811713	0.873739	0.833231	0.92055	0.936638	0.787183	0.793377	0.722262	0.793955
0.829062	0.814935	0.866463	0.917558	0.911335	1.520308	0.842925	0.711776	0.665441	1.043102
0.848065	1.007037	0.969074	0.986584	0.908738	1.073996	0.860093	0.959487	0.843552	0.902771
0.944952	0.789803	0.66513	0.878181	0.895978	1.00975	0.79115	1.062841	1.012436	0.703052
1.031601	0.582581	0.744589	0.996038	1.1217	1.083721	0.879186	0.870263	0.993646	0.743524
0.806681	0.641309	0.755628	0.789519	0.884807	1.114274	0.756694	0.768978	1.057945	0.960107
0.819329	0.831415	0.860492	0.728646	0.647975	1.006445	0.864788	0.886701	0.907724	0.795903
0.733265	0.732682	0.834034	0.627734	0.669079	1.093668	1.055888	0.996386	0.811166	0.724885
0.712706	0.689415	0.752842	0.819225	0.723	0.703608	0.747589	0.819228	0.776357	0.666756
0.746627	0.960917	0.89504	0.804631	0.821093	0.642532	0.569699	0.81515	0.856767	0.680014
0.767948	0.893936	0.799716	0.669219	0.697585	0.646108	0.65539	0.728077	0.698324	0.704632
0.72458	0.705872	0.920154	0.74442	0.859806	0.747566	0.756694	0.852208	0.622963	0.677776
0.559837	0.727362	0.878658	0.750712	0.877516	0.841358	0.77646	0.804127	0.62036	0.756708
0.714383	0.777762	0.697305	0.732102	0.802451	0.679687	0.80327	0.945563	0.83496	0.897803
0.972974	0.973158	0.900208	1.000843	0.958049	0.749384	0.725628	0.792413	0.793413	1.037956
0.86082	0.830297	0.83292	0.78167	1.138953	0.99829	0.83514	0.693757	0.721443	0.889244
0.706888	0.796984	0.955579	0.92561	1.016995	0.982427	0.985032	0.794343	0.677112	0.870291
0.734143	0.73447	0.913403	1.057539	0.798415	0.767044	0.764118	0.990268	0.788608	0.971663
0.898921	0.973158	0.753768	0.947841	0.859806	0.900348	0.989727	1.041815	1.040529	0.962967
0.798449	0.924746	0.761254	0.657373	1.085217	1.037138	0.992886	0.896382	1.144148	1.150191
0.693076	0.934574	0.826292	0.737338	1.049768	1.028392	0.848573	0.808103	0.768074	0.980536
0.705241	0.870035	1.003943	0.813956	0.919222	0.760454	0.963768	0.99793	0.849009	0.973129

0.649008	0.801142	0.884886	0.977332	0.871532	0.89522	0.881633	1.116261	0.885661	0.971663
0.808763	0.777762	0.620596	0.791504	0.723	0.935239	1.013996	0.756387	0.914056	0.960107
0.786387	0.95791	0.7737	0.862675	0.851783	0.864476	0.95788	0.748481	0.906468	0.877301
0.850357	1.108653	1.085388	0.873351	1.087166	0.913438	0.925486	0.787624	0.725556	0.937879
0.913286	0.737165	0.891205	1.046665	0.822153	0.787437	1.032696	0.804127	0.841388	0.970201
0.887511	0.714341	0.784517	0.884296	0.786527	0.751209	0.817852	0.830646	0.984548	0.719118
0.701963	0.784745	0.732056	0.879397	0.889736	0.871659	0.774538	0.69994	0.996722	0.667482
0.789371	0.935996	0.897617	0.883066	0.81479	0.825877	0.943498	0.803139	0.837092	0.801803
1.021264	0.888794	1.129344	0.963812	0.707248	0.929685	1.229239	0.905033	0.863528	1.12447
1.040408	0.791843	1.079456	1.023999	0.77211	0.97624	1.054059	0.930744	0.830727	0.743524
0.818261	0.738067	0.902815	1.209848	0.899767	0.988703	0.821042	0.797255	0.915334	0.724057
1.017872	0.849712	0.89504	1.151413	0.934064	1.057022	0.79115	0.723944	0.878549	0.821033
0.901498	0.973158	1.129344	0.956479	0.766474	1.031869	0.768823	0.725593	0.892892	0.986554
0.771765	0.745354	0.951172	0.953581	0.999093	1.060737	0.876753	0.704636	0.796322	0.725715
0.784409	0.7537	0.912066	0.832137	1.069937	0.905536	0.77358	0.8879	0.75109	0.63731
0.960954	0.950482	0.992542	0.84208	0.85292	0.945132	0.832941	0.791451	0.759946	0.756708
0.86318	1.049296	0.853433	0.707647	0.750893	1.161018	0.916088	1.046977	0.7867	0.88085
0.75762	0.808515	0.671991	0.81711	0.859806	0.926935	0.754858	0.929422	0.995181	0.795903
0.725441	0.772842	0.945365	1.127051	0.96389	0.786444	0.765994	0.827502	0.831782	0.897803
0.804608	0.878689	1.286935	0.903174	0.869161	0.810929	0.847437	0.825419	0.861263	0.911604
0.990063	1.121564	0.792557	0.638089	0.806525	0.841358	0.781301	0.970957	1.012436	0.906535
0.6327	0.960917	0.814398	0.908349	0.882363	1.02152	0.861262	0.92287	0.955526	0.754039
0.791372	0.899139	0.964529	1.135753	1.109196	0.965621	1.096182	0.861142	0.869244	0.889244
0.968427	0.931743	0.913403	0.846573	0.878722	0.848165	0.954965	0.911319	1.131336	1.094324
0.810856	0.796984	0.650991	0.756179	0.871532	0.804677	1.2753	1.096419	1.114821	0.980536
0.768899	0.746273	0.758432	0.751619	0.92322	0.868052	0.829663	0.747612	0.891678	0.864533
0.91863	0.770889	1.043662	0.858013	0.711338	0.88266	0.83514	0.674249	0.993646	0.920621
0.935068	0.909738	1.007256	0.851113	0.709697	0.878962	0.827492	0.7015	0.801214	1.122394
0.812959	0.717775	0.724186	0.861505	0.827489	0.945132	1.151883	0.910055	0.824454	0.905277
0.895084	0.756518	0.834034	0.884296	0.848389	0.878962	0.975791	0.786672	0.792448	0.649686
0.841263	0.985755	1.071671	0.937974	0.907445	1.118516	0.8105	0.896382	0.911512	0.671131
0.953607	1.060536	0.921517	1.039564	0.917897	0.97318	0.812588	0.907537	0.907724	0.867979
0.914616	0.897833	1.180728	1.11223	0.981901	1.060737	1.009032	0.985735	0.721443	0.806782
0.911961	0.895231	1.18823	1.268347	1.07751	1.103849	0.77839	0.751101	0.704579	0.711011
1.006205	1.041961	1.390096	0.950701	1.290038	0.866857	0.598127	0.781006	0.908983	0.656717
1.002928	1.040146	0.955579	0.876969	1.283851	1.018125	0.83514	0.752856	0.860134	0.85213
0.86318	0.821453	1.225066	0.900609	1.360949	1.085692	1.140602	0.949693	0.711726	0.765724
0.943527	0.831415	0.976757	0.955028	0.986523	0.837994	0.97885	0.924172	0.84031	0.709407
1.07948	1.007037	0.83292	1.005702	1.046199	0.820479	0.889057	1.22141	0.849009	0.782441
1.069853	1.043783	0.936798	0.840964	0.870345	1.103849	1.102257	1.442535	1.100868	0.846607
0.758549	1.07013	1.225066	0.894262	0.855203	1.079805	1.2753	1.062841	1.54079	0.957266
0.914616	0.976273	1.340803	1.085979	0.932694	0.987125	1.19259	1.038408	1.07424	1.143616
1.226325	1.049296	0.877423	1.391658	0.928608	0.964125	1.886568	0.825419	1.028741	1.175186
1.053045	1.034748	0.973667	1.223079	0.864459	1.168126	2.351455	0.996386	1.027082	1.21947
1.1311	1.017222	0.975209	1.753656	0.956601	1.367778	1.175364	0.979763	1.148504	0.853243
1.266333	1.283855	1.069747	2.296813	1.53448	1.424259	0.97885	0.833813	0.907724	0.686039
1.067953	1.466598	1.488857	1.187004	1.218399	1.210763	1.002501	0.835937	0.895329	0.866827

0.963928	0.915135	1.022486	0.996038	1.207958	1.367778	0.983478	0.924172	1.052646	0.794928
0.965423	0.814935	1.103684	1.017256	1.023692	1.038908	0.779358	0.908794	0.883278	0.782441
0.998059	0.865167	1.330181	0.933814	0.93959	1.014755	0.840687	0.901304	0.752847	0.757601
1.275407	1.119386	0.909402	0.751619	0.821093	0.917443	0.838459	0.932071	0.890468	0.754039
0.876393	1.043783	0.788518	0.965294	0.946597	1.003165	0.787183	0.932071	0.850109	0.847706
0.743921	0.891357	0.819764	0.90705	0.983436	1.202928	1.043246	0.790491	0.781968	0.90028
0.823628	0.904406	0.994152	0.767324	0.873916	0.839112	0.944915	0.77727	1.072399	1.21947
0.776585	0.908399	0.694868	0.67832	0.838364	0.684367	0.989727	0.929422	1.08735	1.062511
0.75026	0.904406	0.688436	0.753437	0.971304	0.84931	1.377558	1.186632	1.194651	0.958684
0.672004	0.876199	0.775647	0.779729	0.902311	1.035375	0.996067	0.760842	1.038825	1.090458
0.809808	0.974713	1.045474	0.962336	0.809606	0.920134	0.840687	0.818205	1.009248	0.980536
1.011167	0.860353	0.866463	1.084024	0.721314	0.837994	0.838459	1.084936	1.083564	0.762095
1.199848	0.904406	0.967554	1.108087	0.882363	0.897776	0.944915	1.066446	1.042239	0.765724
0.769853	0.731791	0.819764	0.658104	0.928608	0.910788	0.739555	0.793377	0.964031	0.869133
0.922682	0.825852	0.976757	0.696316	0.821093	0.974707	0.841804	0.886701	1.098911	0.939236
0.960954	0.80534	1.099551	0.771104	0.745525	1.127124	0.954965	1.041815	0.958342	1.016335
0.751174	0.913779	1.185715	1.02741	1.01866	1.437381	0.949193	0.984234	0.806161	0.843327
0.84014	0.947546	0.94681	1.2204	1.022008	0.786444	0.697439	0.884315	0.714941	0.89904
0.985335	0.903083	0.720734	0.798523	0.894723	0.710216	0.847437	0.982739	0.801214	0.944704
0.844651	0.892644	0.737383	0.7176	0.911335	0.892679	0.942085	0.776341	1.061513	1.088538
0.937869	1.134871	0.967554	0.808751	1.016995	1.140366	1.076528	0.694525	0.791484	1.013102
0.947818	0.977839	1.075546	1.002457	0.913948	1.008094	1.579378	0.951079	0.825494	0.812832
0.935068	0.839325	0.936798	1.076291	0.946597	1.200347	1.373731	1.033347	0.952727	0.870291
0.864364	0.779746	0.797658	0.980394	1.012039	1.185178	0.936482	1.177186	1.444312	1.16593
1.463775	1.005362	0.966039	1.025701	0.717963	0.833548	0.800208	0.969507	1.187409	0.932496
0.866743	0.976273	1.008922	0.913588	0.750893	1.031869	0.932326	0.851104	1.017264	0.859982
0.72977	0.749043	1.04006	0.725217	0.806525	1.168126	1.037939	0.883126	0.972705	1.102161
0.776585	0.599972	0.789524	0.910961	0.92055	0.890153	1.481246	0.970957	0.857886	0.861115
0.999676	0.775787	1.043662	0.946417	1.083278	0.74666	0.912122	0.803139	0.703007	0.780552
0.947818	0.995448	0.82739	0.758939	0.828565	0.779555	0.690273	0.856652	0.914056	0.866827
0.657029	0.835918	0.873739	0.766384	0.96684	0.924201	0.670968	0.918986	1.043957	0.983534
0.617654	0.706712	0.814398	0.774916	0.827489	0.758589	0.814686	0.825419	0.791484	0.807784
0.625112	0.761256	1.052799	0.883066	0.686578	0.718619	0.985032	0.886701	0.730544	1.100188
0.806681	0.787773	0.918796	0.820287	0.716297	0.821553	0.838459	0.768978	0.934965	0.958684
1.019565	0.863959	0.639431	0.82779	0.927255	0.910788	0.82211	0.854424	0.915334	0.901524
0.784409	0.860353	0.56313	0.81711	1.015337	0.970141	0.999272	0.782887	0.787653	0.941961
0.75762	0.833661	0.859307	0.994448	0.803466	1.107989	1.22381	0.756387	0.930967	1.224681
0.993244	0.954923	0.948259	1.087943	0.884807	1.037138	0.928209	0.703065	1.02543	1.094324
1.040408	0.831415	0.878658	0.933814	0.911335	0.86329	1.088213	0.953864	0.977108	0.985041
0.856138	0.905733	0.838521	0.905754	0.991194	1.018125	1.100222	0.98724	0.79925	0.947464
1.278475	1.003694	1.029431	0.694721	0.866804	1.110074	0.716306	0.725593	0.78009	0.928501
1.029861	0.879939	0.997391	0.747105	0.647975	0.751209	0.769771	0.912588	0.788608	0.874952
0.717755	0.686197	0.753768	0.791504	0.827489	0.936638	0.954965	1.201197	0.966903	0.832568
0.688305	0.881193	1.170922	0.863849	0.862126	1.016437	0.949193	1.007306	1.042239	0.792014
0.924041	1.066267	1.089387	1.271339	1.277751	0.996678	0.960814	1.020131	1.192224	0.866827
0.962438	1.068194	0.935386	0.955028	1.115403	1.083721	1.07461	1.023398	1.150699	1.027843
0.963928	0.793892	0.865262	0.820287	1.0662	1.114274	0.848573	1.043529	0.860134	1.384463

0.833459	0.788787	0.989338	0.957936	1.218399	1.243596	0.95788	0.979763	0.78575	0.941961
0.902792	0.840467	0.973667	1.114316	0.953719	0.925566	0.848573	0.816166	0.78009	1.04138
0.988481	0.965467	0.987746	1.11852	0.774004	0.652619	0.97427	0.917698	0.864665	0.882039
1.029861	1.09406	0.945365	0.986584	0.924561	0.943705	0.936482	0.830646	0.866949	0.812832
0.90409	1.117218	0.989338	0.88184	1.161531	1.73049	1.094176	0.852208	0.984548	0.844417
0.977568	1.041961	1.013959	0.818166	0.741101	0.874079	0.904297	0.845627	0.878549	1.029513
0.925404	0.934574	0.942491	1.11223	0.728095	0.713558	0.936482	0.91386	0.859009	1.191875
1.146725	0.904406	0.836272	1.174814	0.879933	0.810929	0.980387	1.122395	1.209509	0.837914
0.914616	0.953438	0.824105	1.184538	0.827489	0.987125	0.856605	0.898836	1.102834	0.874952
0.928143	0.995448	0.77273	0.796506	0.766474	0.839112	0.76225	0.757275	0.961177	0.950242
0.969937	0.751831	0.94681	0.661041	0.739345	0.831343	0.873129	0.764439	0.930967	1.046567
0.985335	0.778753	0.806994	0.668469	0.872722	0.835765	1.000884	1.193853	1.081683	0.819999
1.126737	0.863959	1.043662	0.88184	0.974305	1.004802	1.082331	1.184251	1.096963	0.824148
0.82797	0.770889	1.013959	0.829958	1.013685	1.120652	0.946336	0.832755	1.040529	0.77961
0.695482	0.722107	0.9706	0.745313	0.899767	1.757474	0.864788	0.810105	1.192224	1.027843
0.72977	0.746273	0.938214	0.893003	1.207958	1.149423	0.82211	0.916415	0.779154	0.825192
0.86082	0.80534	1.064024	0.899332	1.202831	1.028392	0.91344	1.008889	0.738987	0.808789
0.793382	0.988962	0.941061	0.764511	0.664628	0.845884	0.830753	1.012071	0.905216	1.116224
0.634094	0.92336	0.818685	0.779729	0.678883	0.860929	0.815739	0.917698	0.811166	0.957266
0.641132	0.722978	0.723321	0.991285	1.016995	1.11639	0.925486	0.929422	0.720625	0.844417
0.634793	0.770889	1.015651	0.90705	0.989631	0.892679	1.163464	0.969507	0.990592	1.199229
0.831255	0.860353	1.043662	0.819225	0.969811	0.801585	0.858927	0.87958	1.480374	1.314648
1.073678	1.132625	0.820845	0.820287	1.24285	1.107989	0.871928	0.963753	1.185021	1.235295
0.75948	0.876199	0.852268	0.766384	1.022008	0.967123	1.080388	0.917698	0.804175	1.341243
0.695482	0.916495	1.077497	1.122764	1.04266	0.88266	1.022396	0.897607	0.879726	1.224681
0.843519	0.87249	1.008922	1.004076	1.032211	0.862108	1.078454	0.941471	1.177936	0.947464
1.126737	0.711783	0.929785	0.884296	1.097041	0.914769	1.129606	1.124459	1.194651	0.919321
0.845786	0.76701	0.838521	0.866205	0.958049	1.004802	0.925486	0.833813	0.885661	1.008298
0.761347	0.909738	0.89504	1.039564	0.92055	1.266951	1.034437	0.839143	0.920483	0.94333
0.908007	0.899139	0.951172	0.962336	0.850648	0.932453	1.013996	1.016889	1.04915	0.892892
1.089324	0.870035	0.79561	1.046665	1.147844	1.014755	1.154174	0.898836	0.992116	0.909062
0.866743	0.905733	1.079456	1.022303	1.044426	0.982427	0.897882	0.771725	0.958342	0.858851
0.917288	1.115061	1.156615	1.061225	0.934064	1.09166	0.864788	0.819228	1.057945	1.044831
0.877614	0.773821	0.811209	0.963812	0.774955	0.936638	1.000884	0.929422	0.92178	0.928501
0.820399	0.7537	0.960031	0.926966	0.765542	0.909469	1.245945	1.066446	0.873872	0.927178
0.741233	0.762209	0.94681	0.870956	1.02708	0.942282	0.836244	0.792413	1.010839	0.872615
0.977568	1.002032	1.015651	0.88184	1.12382	1.122799	0.732536	0.755502	1.07424	0.951638
0.901498	0.946085	0.889933	1.05026	0.995916	1.030127	0.937876	0.994849	0.928322	1.026181
0.727167	0.700869	1.047294	0.868574	0.813748	1.149423	0.932326	1.036714	0.876204	1.011495
0.833459	0.80534	1.052799	0.873351	0.808577	0.81198	0.806354	1.070081	0.927006	0.792983
1.07948	1.104434	0.780552	0.83874	0.972802	0.714397	0.83735	1.048711	1.076088	0.970201
1.073678	0.838187	0.964529	0.847704	0.890978	0.962634	0.876753	0.82646	0.806161	1.080941
0.771765	0.738067	1.105765	0.956479	1.085217	1.514966	1.024096	0.781946	0.750214	0.780552
0.787379	0.796984	0.932577	1.041328	1.044426	1.019819	0.82211	0.822313	0.850109	0.865679
0.821473	1.0138	1.085388	0.874554	0.978847	0.791432	0.95788	1.09064	1.061513	0.989594
0.909321	0.951957	0.906756	0.693926	0.791441	1.058875	1.149603	0.835937	0.941711	1.088538
0.760413	0.890073	0.84879	0.867388	0.845021	0.833548	0.877968	0.757275	0.75727	0.950242

0.812959	0.970065	1.085388	0.869763	0.899767	0.829148	0.90689	0.768978	0.730544	0.889244
0.881299	1.115061	0.872518	0.913588	1.02708	0.956722	1.055888	0.990268	0.928322	1.053581
0.883773	0.913779	0.949713	0.851113	0.894723	1.097712	0.992886	0.71985	0.995181	0.847706
0.683585	0.917859	0.906756	0.957936	1.175663	1.051508	0.95207	0.740717	0.896552	0.861115
0.782439	0.979411	0.927012	0.899332	1.132403	0.910788	0.788172	0.779134	0.980069	0.989594
0.982212	0.821453	0.728541	0.936583	0.829643	0.79043	0.910808	0.937417	1.125069	1.301937
1.033349	0.850881	0.708861	0.791504	0.805503	1.060737	0.988156	0.790491	0.902723	0.902771
0.842389	0.990574	0.841917	0.863849	0.779739	1.038908	0.91344	0.632985	0.843552	0.78816
0.783423	1.018943	0.929785	0.932435	0.717963	0.693881	0.667958	0.562329	0.728043	0.740935
0.89002	0.816015	0.874963	1.06308	0.598356	0.681241	0.801226	0.698386	0.920483	0.890456
0.990063	0.824748	0.9706	0.947841	0.801439	0.85392	0.755775	0.74329	0.954124	0.921924
0.901498	0.795951	0.925632	1.036057	0.995916	1.105914	0.805324	0.916415	1.08735	0.797861
1.031601	0.992193	0.881138	1.076291	0.925906	0.845884	0.845175	0.981248	0.936306	0.948851
1.009506	0.865167	0.904125	0.742638	0.741101	1.075923	0.781301	0.86682	1.072399	1.362316
1.031601	0.935996	1.077497	0.898059	0.977328	1.120652	1.12744	0.912588	0.845727	0.798843
0.998059	0.934574	1.118467	0.929692	1.016995	0.965621	1.13838	0.951079	0.741552	0.762999
0.980658	1.121564	1.036488	0.858013	0.901037	0.924201	0.853144	0.844539	0.841388	0.988071
0.706064	0.90045	0.912066	0.710939	0.860965	0.806751	0.659049	0.842373	0.821352	1.02123
0.699522	0.897833	0.963024	0.731235	0.818982	0.900348	0.80946	0.852208	0.768074	0.814868
0.753925	0.856777	1.020768	0.953581	0.955157	0.786444	0.975791	0.812116	0.73559	0.837914
0.754846	0.804286	0.819764	0.784597	0.791441	0.862108	1.020703	0.949693	0.819295	0.971663
0.843519	0.960917	0.654667	0.707647	0.978847	0.751209	0.912122	0.916415	1.020512	0.991122
0.820399	0.840467	0.764094	0.762646	0.991194	0.769899	0.812588	0.775414	0.914056	0.886829
0.769853	0.920601	0.925632	0.824559	0.846141	0.916104	0.738671	0.674249	0.829676	0.878481
0.674296	0.830297	0.836272	0.846573	0.742865	0.82263	0.697439	0.778201	0.81016	0.853243
0.70278	0.670455	0.659867	0.91889	0.809606	0.779555	0.732536	0.787624	0.871552	0.752268
0.885015	0.639146	0.808044	0.999236	0.915261	0.970141	0.92278	0.647227	0.743271	0.801803
0.760413	0.6759	0.873739	0.908349	0.978847	1.079805	0.754858	0.731412	0.844638	0.72989
0.818261	0.860353	0.858126	0.997634	0.80755	0.735049	0.710477	0.834874	1.010839	0.941961
0.902792	0.823647	0.780552	0.956479	0.729807	0.770855	0.717146	0.852208	1.007662	0.855478
0.87396	0.742607	0.983002	1.262423	0.999093	1.114274	0.868343	0.807106	0.860134	0.714236
0.766999	0.771864	0.943926	0.832137	1.049768	1.182701	0.748491	0.920276	0.81016	0.694462
0.835675	0.821453	1.087383	0.760788	0.857499	1.046063	0.851997	0.959487	0.952727	0.967293
0.865552	0.865167	1.170922	0.920225	0.808577	1.321189	1.190087	1.13071	0.78009	1.036254
0.902792	0.739878	1.067831	1.305691	0.927255	0.946564	0.857764	0.911319	0.783855	0.805781
1.004563	0.891357	1.099551	1.000843	1.093064	0.723741	0.634756	0.925479	0.713331	0.793955
1.075603	0.976273	1.050956	0.785577	0.935439	0.772774	0.798179	0.976808	0.91919	0.699126
1.105556	0.757461	0.989338	0.668469	0.84168	0.892679	0.937876	0.952469	0.930967	0.88085
0.815072	0.819269	1.11207	0.668469	0.826417	1.026664	0.966743	0.892726	0.894108	1.090458
0.817195	0.924746	0.819764	0.630471	0.798415	0.727189	0.747589	0.881941	0.787653	1.348154
0.924041	1.005362	0.879896	0.807717	0.919222	0.729793	0.720519	0.872574	0.815212	1.191875
1.155913	0.907064	0.89504	0.839851	0.884807	0.931067	0.942085	0.726419	0.990592	0.989594
0.735905	1.0121	0.921517	0.820287	1.083278	1.165744	1.114666	0.762637	0.971247	0.951638
0.664452	0.917859	1.062133	0.895524	0.999093	1.060737	0.894078	0.761739	0.845727	1.073475
0.741233	0.841612	0.852268	0.920225	0.863291	0.77858	1.12314	0.86454	0.951335	1.369573
1.151295	1.134871	1.005596	1.179649	0.989631	0.943705	1.13617	1.167942	0.965464	0.89657
0.893813	0.871261	0.967554	0.944999	1.653264	1.3246	1.133971	0.951079	0.990592	0.853243

0.776585	0.825852	1.043662	1.116413	1.192754	1.375411	1.086244	0.843455	1.04915	0.991122
0.909321	0.800099	0.793572	1.182087	0.875112	0.862108	1.140602	0.760842	0.983049	0.923232
1.310404	0.821453	0.847637	0.832137	0.846141	0.968629	0.92278	0.839143	0.964031	1.027843
0.896359	0.89653	0.787514	0.994448	0.911335	1.158674	1.297097	0.762637	0.961177	0.756708
0.797431	0.946085	0.867667	1.372291	1.075604	1.182701	1.100222	0.735617	0.832839	0.764814
0.949258	0.871261	0.900208	1.247959	0.77211	0.924201	0.942085	0.762637	1.260221	0.991122
1.029861	0.778753	0.824105	0.888006	0.777819	0.833548	1.030962	0.877232	1.032076	1.017961
0.925404	0.784745	0.683674	0.784597	0.836167	0.949442	0.845175	0.878404	0.864665	0.782441
0.9745	0.977839	0.821929	0.855701	1.037404	1.008094	0.82211	0.778201	0.860134	0.948851
0.875175	1.047451	1.423468	0.946417	0.929966	0.88266	0.836244	0.819228	0.983049	1.130759
1.105556	0.85323	1.161332	1.13138	0.759072	0.897776	0.855448	0.905033	1.070565	1.016335
1.047584	0.909738	0.747323	0.849974	0.777819	0.99829	0.792147	0.928104	0.807158	0.89904
1.02297	0.863959	0.765045	0.962336	1.007139	0.995071	0.806354	0.959487	0.89901	0.979044
0.971453	1.058642	0.987746	0.913588	0.847263	1.001534	0.846305	0.810105	1.020512	0.948851
1.007852	0.799058	0.983002	0.760788	0.796411	1.232374	0.881633	0.819228	0.962601	0.862252
0.817195	0.650809	0.834034	0.808751	1.12382	1.142613	1.072701	1.023398	0.76354	0.822069
0.807721	0.678255	0.786513	0.886766	1.016995	0.89522	1.088213	0.999478	0.917901	0.939236
0.908007	0.960917	0.897617	0.764511	0.815834	0.876514	0.928209	1.015277	1.028741	1.13714
0.832356	0.744436	0.986159	0.70929	0.924561	1.093668	0.817852	1.165661	0.959757	0.891672
0.834566	0.748118	1.005596	0.758939	0.818982	1.019819	0.994473	1.064639	0.895329	0.944704
0.910639	0.941732	1.122785	0.974291	1.020331	0.800559	1.052238	1.001033	0.781028	1.12447
0.929519	1.182424	1.414882	1.379935	1.097041	0.991875	0.943498	0.933401	0.995181	1.268787
0.737673	0.965467	1.024212	0.843199	1.005518	1.055176	0.745791	0.89516	0.977108	1.152405
0.779502	0.871261	0.792557	0.780699	0.952285	1.140366	0.797168	0.905033	0.703007	0.856599
0.793382	0.788787	0.881138	0.784597	0.928608	0.874079	0.854295	0.786672	0.72473	1.008298
1.02297	0.934574	1.133772	1.165302	1.095048	0.860929	0.744	0.760842	0.929643	0.918026
0.960954	1.219108	0.870086	0.937974	1.368348	0.711883	0.796159	0.808103	1.197092	1.110141
0.864364	1.058642	0.661364	0.825633	1.436914	0.99829	1.055888	0.955263	0.914056	1.013102
0.805643	1.250276	0.7356	0.829958	0.950856	1.232374	1.389243	0.773565	0.787653	1.150191
1.071761	1.213674	0.967554	0.985028	0.836167	0.913438	1.04147	0.710977	0.844638	0.989594
1.089324	0.985755	0.760311	1.037807	0.897237	0.876514	0.977318	0.819228	0.944439	0.954443
0.760413	0.973158	0.864065	1.253687	1.20029	1.014755	1.050425	0.865679	0.811166	0.928501
0.701963	0.787773	0.86287	1.089916	1.073707	1.037138	1.036184	0.726419	1.009248	0.927178
0.739449	0.951957	1.180728	1.023999	0.86563	1.127124	0.996067	0.807106	1.054405	0.970201
0.910639	0.959411	0.910732	0.997634	0.983436	0.828055	0.892817	0.978283	1.152905	0.77867
1.144458	0.740786	0.783522	1.160623	0.999093	1.006445	1.102257	0.99793	1.057945	0.821033
0.949258	0.789803	0.801783	0.96678	0.910034	0.926935	0.97427	0.841294	0.878549	0.782441
0.895084	1.072075	0.94681	0.947841	0.815834	0.952339	0.717986	0.817184	0.907724	0.776797
0.797431	0.979411	0.820845	0.916231	0.736723	0.928308	0.895342	0.890306	0.739841	0.744391
0.895084	0.616038	0.640145	1.072475	0.804483	1.197782	0.992886	0.936075	0.74934	0.912881
0.962438	0.715197	0.813332	1.010616	0.849517	0.924201	1.024096	0.898836	0.966903	0.824148
0.980658	0.862753	0.951172	0.980394	0.81479	0.955256	0.8105	0.86682	1.399161	0.933835
0.942105	1.056757	1.024212	0.994448	0.945186	0.933844	0.849711	0.962326	1.017264	1.07533
0.846924	0.752765	1.073605	1.085979	0.901037	1.163374	0.950629	1.026689	0.920483	1.009893
0.919977	0.728244	1.168504	1.379935	0.983436	1.165744	1.036184	0.960904	0.759946	0.961535
0.792376	0.713487	0.957058	1.046665	1.166191	0.862108	0.735154	0.929422	0.851212	0.983534
0.963928	1.09406	0.954105	0.872152	1.051563	0.914769	0.77646	0.832755	0.741552	0.804783

1.007852	1.087953	0.922884	0.782643	0.821093	1.101794	1.025802	0.924172	0.699879	0.831506
0.832356	0.683799	0.817609	0.754349	0.745525	1.135907	0.91344	0.92287	0.74934	0.841153
0.693076	0.762209	0.949713	0.988145	0.797412	0.891414	0.802247	1.008889	0.82758	0.861115
0.865552	0.976273	1.133772	0.867388	1.0104	0.75952	0.796159	0.953864	0.89778	0.924543
1.382304	0.990574	0.908077	0.858013	0.840572	0.810929	0.818913	0.932071	0.863528	1.126556
0.843519	0.993817	1.025945	0.738217	1.01866	1.349263	1.300302	1.086829	1.038825	0.925858
0.766052	0.95791	1.180728	0.866205	0.96684	1.006445	0.95642	0.850003	0.884468	0.946082
0.722864	0.956414	0.865262	0.963812	0.919222	0.728923	0.916088	0.901304	0.92178	1.086626
0.949258	1.150929	0.896327	0.928327	0.931328	0.735049	0.933706	1.152223	1.23546	0.970201
0.91595	1.034748	1.045474	0.824559	1.210545	1.033618	1.145079	0.872574	0.975636	0.988071
0.717755	0.960917	1.118467	0.828873	0.927255	0.848165	0.972754	0.896382	0.83496	1.110141
0.943527	1.024148	0.779567	0.972778	0.955157	0.701156	0.985032	0.963753	0.84031	1.066135
0.999676	1.060536	0.761254	0.914907	0.842791	0.85508	0.790155	0.812116	0.822383	0.849912
0.797431	0.849712	0.708861	0.785577	0.879933	0.968629	0.95788	0.635662	0.928322	0.878481
0.665952	0.814935	0.732056	0.834327	1.0662	0.868052	0.992886	0.73225	0.807158	0.725715
0.694679	0.825852	0.928396	0.955028	0.798415	0.766096	1.11049	0.881941	0.791484	0.812832
0.892545	0.924746	0.879896	0.956479	0.81793	0.830244	1.030962	0.952469	0.92178	0.998845
0.980658	0.963945	0.841917	0.83874	0.845021	1.085692	0.953515	0.78383	1.123	0.808789
0.795402	0.976273	0.792557	0.875759	1.025383	0.936638	0.98193	0.877232	1.1128	0.93116
0.829062	1.14628	1.058375	0.913588	0.689695	0.871659	0.95642	0.830646	0.961177	1.094324
0.999676	0.946085	1.013959	1.11223	0.735852	0.950888	0.997667	0.690698	0.702223	0.90028
0.933674	0.759354	0.628867	0.888006	0.784576	1.058875	0.864788	0.796283	0.905216	0.67555
0.843519	0.776773	0.683674	1.082078	0.870345	1.09166	0.77072	0.824381	0.925694	0.78912
0.819329	1.008718	1.085388	0.963812	0.847263	0.922841	0.758538	0.73393	0.908983	0.892892
1.024683	0.810644	0.945365	0.7925	0.760911	0.946564	0.844049	0.751977	0.962601	1.06979
0.999676	0.757461	0.80386	0.723513	0.800428	0.763266	0.701471	0.951079	0.901482	0.957266
0.802545	0.790822	0.810152	0.847704	0.90487	0.880191	0.735154	0.870263	0.737285	0.752268
0.910639	1.09818	0.939635	0.991285	1.109196	1.028392	0.91344	0.818205	0.896552	1.126556
0.854976	1.041961	1.222329	0.786559	0.832893	1.107989	1.055888	0.937417	1.106793	1.481676
0.917288	0.884977	1.1405	0.828873	0.815834	0.965621	0.942085	0.951079	0.75727	0.892892
1.002928	0.816015	0.856948	0.962336	0.763684	0.888895	1.029236	1.012071	0.826535	0.804783
1.103493	0.873723	0.800748	0.937974	0.845021	0.815148	0.831846	0.890306	0.826535	0.822069
0.843519	0.811713	0.973667	0.720969	0.739345	0.88266	0.765994	0.878404	0.847912	0.826238
0.803576	0.739878	0.983002	0.766384	0.870345	0.938042	0.857764	0.786672	0.832839	0.755816
0.821473	0.744436	0.987746	0.974291	0.975814	0.821553	1.175364	0.844539	0.99982	0.897803
1.101441	1.022406	1.256373	1.3325	1.103076	0.946564	0.97427	0.960904	1.173276	0.979044
0.968427	0.988962	0.960031	0.775875	0.877516	1.09166	0.882861	0.938764	0.92178	0.891672
0.91595	0.841612	0.884886	0.737338	0.884807	0.985554	0.968238	0.789533	0.689867	0.883232
0.977568	0.841612	1.083401	0.988145	1.085217	0.856244	0.991303	0.727247	0.792448	1.07533
0.969937	0.912428	1.277539	1.041328	1.134575	0.940864	0.908192	0.855537	0.995181	1.132876
1.097364	0.867594	1.178255	0.894262	1.192754	0.86329	0.988156	0.929422	0.920483	0.920621
0.902792	0.946085	0.84534	0.776835	0.913948	1.072077	0.996067	0.822313	0.733902	0.940596
0.795402	0.85323	0.749155	0.959398	0.838364	0.925566	1.149603	0.789533	0.860134	1.141447
0.869136	1.132625	0.963024	0.91889	0.983436	0.832444	0.959344	0.87958	1.07424	0.882039
1.18223	1.195173	0.844196	0.70929	0.866804	0.782494	1.12314	1.106227	1.268798	0.78912
0.841263	0.909738	0.689235	0.764511	0.949432	1.049685	1.106354	1.211186	1.083564	1.090458
0.75762	0.897833	0.84879	0.848837	0.887265	1.208135	1.226516	0.703065	0.877375	1.286555

0.818261	1.303327	0.972131	1.002457	0.958049	0.945132	1.195108	0.80611	0.901482	1.145797
1.031601	1.020671	0.939635	0.975808	0.958049	0.841358	1.04147	0.985735	1.083564	0.961535
1.120273	0.80534	0.767911	0.81291	0.910034	0.925566	1.080388	0.936075	0.865806	0.831506
0.819329	0.823647	0.920154	0.836528	0.897237	0.990286	0.889057	0.740717	0.825494	0.769384
0.798449	1.005362	0.979868	1.114316	0.882363	1.469634	0.97427	0.956666	1.199548	1.21432
0.822549	1.024148	1.085388	1.074379	0.968323	1.260994	1.125285	1.218831	0.983049	1.114187
0.963928	0.762209	0.874963	1.142395	0.910034	1.205524	1.182663	1.086829	0.949947	0.787201
1.229063	0.85323	0.995769	1.061225	1.497787	1.243596	0.932326	1.12034	1.004508	0.802794
0.870337	0.829182	1.118467	0.944999	1.15922	1.796276	0.861262	1.132814	1.32089	0.970201
1.066061	1.187478	1.034713	0.983478	0.919222	1.235152	1.254545	1.116261	0.944439	1.254517
1.002928	0.963945	1.04006	0.831047	0.953719	1.249318	1.078454	0.948312	0.907724	1.132876
0.956531	0.854409	1.225066	0.920225	0.913948	0.99347	0.960814	0.924172	1.020512	0.921924
0.82797	0.878689	1.25051	1.046665	1.099043	0.871659	0.862434	1.108215	1.509532	0.971663
1.535401	1.062438	1.222329	0.884296	0.959502	0.962634	0.95788	0.973873	1.873174	1.27758
0.908007	0.848546	0.90151	0.762646	1.012039	1.229613	1.330266	0.968061	0.952727	1.141447
0.755769	0.829182	1.107857	0.983478	0.946597	1.114274	0.992886	0.933401	0.793413	1.172853
0.933674	0.874959	0.924256	0.988145	0.974305	0.797495	0.95788	1.128616	0.868095	1.006708
1.060435	0.965467	0.945365	0.935196	0.858651	0.805713	1.080388	1.35689	0.980069	0.907797
0.909321	1.018943	1.093424	1.005702	1.062494	1.28533	1.604561	0.929422	1.139836	0.882039
0.79947	1.09818	1.584308	1.283519	2.084053	1.229613	1.11049	0.847809	0.915334	1.369573
0.958001	1.040146	0.990937	1.350136	1.180478	0.880191	1.025802	1.073748	1.168666	1.09627
1.165299	1.170039	0.881138	1.236725	1.091089	1.073996	1.20792	1.046977	1.083564	0.798843
1.002928	0.917859	0.918796	0.991285	1.046199	1.127124	1.106354	0.85777	1.246291	0.957266
1.054881	1.015508	0.897617	1.074379	1.190271	1.09166	0.885329	0.734773	0.996722	1.235295
1.071761	1.24444	1.454933	1.202099	0.892222	0.81198	0.98193	0.843455	1.085453	1.06071
1.144458	0.89653	1.348032	1.379935	0.969811	0.974707	1.133971	1.152223	1.15959	0.982033
0.942105	0.956414	1.027684	1.127051	1.05882	1.202928	1.147335	1.386117	0.993646	0.960107
1.187191	1.064348	1.107857	1.372291	1.117492	1.135907	0.932326	0.930744	0.932296	1.324431
1.36694	1.523321	1.309685	1.012267	1.091089	1.249318	0.861262	1.061049	1.330768	1.633181
1.287809	1.172487	1.142766	0.803607	1.071818	1.424259	0.935092	1.108215	1.123	0.886829
1.269337	1.017222	1.105765	1.097898	1.237296	1.367778	1.496138	1.285384	0.829676	1.324431
1.021264	0.840467	1.195865	1.155994	1.357296	1.161018	1.12744	1.134928	1.052646	1.739114
1.223603	0.916495	1.214219	0.891749	1.207958	1.237949	0.999272	1.517502	1.187409	1.271698
1.026402	1.545934	1.1405	0.822417	1.262867	1.525717	1.012335	1.229239	1.224893	0.980536
0.891281	1.079941	1.043662	0.952139	1.097041	1.301264	1.076528	0.852208	0.873872	1.196764
0.85266	1.210982	1.129344	1.648868	1.625415	0.932453	1.094176	0.905033	1.185021	1.114187
1.218211	1.283855	1.173352	1.155994	1.040901	0.85741	1.129606	1.189026	1.18981	1.120328
1.378412	1.621832	0.716456	0.774916	0.952285	1.17293	1.266283	1.172539	0.846818	1.100188
1.049397	1.020671	0.745499	0.852256	0.92322	1.314445	1.168185	0.750226	0.75109	1.102161
1.002928	0.968527	0.917441	1.202099	0.863291	0.952339	1.025802	0.802153	1.06874	1.243429
1.029861	1.219108	0.883633	0.929692	1.075604	0.904233	1.172958	1.033347	1.283482	0.790083
1.11814	0.874959	0.747323	0.960864	1.257053	0.980872	1.749395	1.09064	0.917901	0.780552
1.101441	0.899139	0.992542	0.884296	1.069937	1.356574	0.996067	0.823346	0.944439	1.21947
1.016186	1.066267	1.203636	1.29605	0.890978	1.097712	0.997667	0.838072	1.052646	1.588553
1.320459	1.219108	1.105765	1.29605	0.760911	0.86329	1.002501	0.952469	0.992116	0.795903
1.038632	0.855591	0.800748	1.052068	0.724691	1.033618	1.297097	0.975338	1.014039	0.826238
1.006205	0.691844	0.908077	1.268347	0.988074	0.965621	1.00739	0.824381	1.106793	1.008298

1.069853	1.010405	1.170922	1.151413	1.01866	1.068264	0.766935	1.139187	1.369042	1.392104
1.524416	1.241552	1.116324	1.020614	0.851783	1.17293	1.1043	1.184251	0.910246	1.02123
1.001299	0.963945	0.981432	1.037807	1.0104	1.399148	1.094176	1.040108	1.230144	0.865679
0.887511	0.717775	0.955579	1.074379	0.988074	1.037138	0.70718	1.050452	1.562953	0.99574
1.012833	0.822548	1.062133	1.007334	1.01866	0.872867	0.903006	1.177186	1.504535	1.090458
1.172475	1.05488	1.058375	0.928327	0.989631	1.049685	1.245945	1.036714	0.797296	1.073475
1.08536	0.801142	1.047294	0.893003	0.965363	2.436494	0.918753	0.973873	0.853425	1.120328
0.86082	0.903083	1.216905	0.981933	1.05882	1.083721	0.847437	0.86454	0.89778	1.13714
0.869136	1.187478	1.022486	1.122764	1.117492	0.779555	0.841804	1.191433	1.006082	0.905277
1.179771	1.195173	1.005596	0.894262	0.992763	0.982427	1.015663	1.291419	1.09117	0.892892
0.993244	0.826959	1.118467	0.762646	1.111255	1.200347	1.19764	1.229239	1.052646	1.172853
0.834566	0.757461	1.19844	0.999236	1.053366	1.120652	0.947763	0.851104	0.839235	1.260169
0.857304	0.775787	0.933979	0.965294	0.928608	0.826965	0.873129	0.969507	0.947184	1.369573
0.982212	1.143974	1.173352	1.061225	1.12809	0.872867	0.966743	1.229239	1.033754	0.856599
0.988481	1.08193	1.064024	0.952139	1.136759	0.983988	1.034437	0.890306	1.077945	0.93116
0.897638	1.125955	0.924256	0.959398	1.046199	0.888895	0.972754	0.872574	0.927006	1.024524
0.89002	1.123754	1.075546	0.808751	0.849517	0.783478	1.020703	0.78383	0.846818	1.384463
1.047584	0.847382	0.78154	1.14017	0.724691	1.004802	1.012752	1.177186	0.975636	1.019592
1.162934	0.809578	1.000655	1.052068	0.994337	1.154024	1.344276	0.936075	1.00294	0.734105
0.898921	0.982571	0.913403	0.904462	1.071818	1.240763	0.950629	0.984234	1.017264	0.792983
0.996448	1.375371	1.079456	1.034313	1.141159	1.060737	1.121006	0.906283	1.173276	1.06979
1.11814	1.005362	1.069747	0.975808	0.907445	0.82371	1.496138	1.018507	1.06874	1.243429
0.976031	0.790822	1.095457	1.127051	1.008766	0.859753	1.213152	1.208667	1.380093	0.935179
0.914616	0.749971	0.758432	1.383808	1.332554	1.279117	0.894078	0.962326	1.289497	0.924543
1.124571	0.982571	0.900208	1.149141	1.025383	1.205524	0.834039	0.824381	0.894108	0.954443
0.990063	1.020671	0.978309	0.88184	0.85292	1.019819	0.765994	0.893941	1.077945	0.965847
1.075603	0.888794	0.921517	0.710939	0.887265	1.177788	0.949193	0.910055	0.806161	0.772149
1.004563	0.980988	1.170922	1.127051	1.346519	1.030127	1.229239	1.057488	0.79438	1.029513
1.047584	0.974713	0.977851	1.148986	1.478132	0.990286	0.949193	1.031673	1.096963	1.553642
1.126737	0.968527	1.041857	0.949269	1.192754	0.956722	0.90689	1.211186	1.277549	1.50105
0.969937	1.17495	0.925632	1.015586	1.083278	0.983988	0.908192	0.902544	1.030405	1.445343
0.75762	0.90045	0.918796	1.601424	0.999093	1.243596	1.25745	0.848905	1.042239	1.971487
0.780479	1.0138	0.990937	1.2204	1.265803	0.985554	1.245945	1.438253	1.347749	1.204201
0.998059	1.121564	0.838521	1.383808	1.478132	0.850458	1.501217	1.24261	1.118892	1.006708
1.31373	1.643076	0.814398	1.11852	1.459329	0.876514	1.131783	1.12034	1.155121	1.317885
0.791372	1.379308	1.1405	1.099917	0.968323	1.154024	0.947763	0.929422	1.146321	1.588553
0.902792	1.582227	1.253432	1.504052	1.016995	1.11639	1.263319	1.196288	1.209509	0.940596
1.144458	1.112914	0.989338	1.05026	0.894723	1.103849	1.471595	1.213719	1.120941	0.791047
1.179771	0.737165	0.82739	1.601424	1.138953	1.131493	1.000884	0.739863	0.958342	0.845511
1.054881	0.968527	1.19076	1.025701	1.299486	1.29482	0.832941	0.885506	1.453051	1.204201
1.153598	1.628798	2.098647	0.996038	0.938202	1.4892	0.832941	1.211186	1.277549	1.243429
1.352101	1.172487	0.952636	0.910961	0.942379	1.177788	0.861262	1.071911	1.187409	0.892892
1.073678	0.799058	0.942491	1.055708	1.111255	1.460172	1.611092	1.273559	1.08735	0.882039
0.917288	1.104434	1.340803	1.525077	1.441306	1.044263	1.017336	1.139187	1.222291	0.977558
1.320459	1.328628	1.382139	1.015586	1.574562	1.049685	1.034437	1.043529	1.568675	1.803668
1.336797	1.808982	1.170922	1.030848	1.218399	1.757474	1.046607	1.417453	0.956932	1.009893
1.370731	1.121564	1.275428	1.80181	1.257053	1.237726	1.226896	1.136751	0.901482	0.909062

0.983771	1.060536	1.559889	1.379935	1.350082	1.216065	1.381418	1.091216	1.298679	1.21432
0.960954	1.102339	0.939635	1.093889	1.173723	0.900348	0.992886	1.028344	1.045681	1.388267
1.382304	1.031646	1.098114	1.13138	1.112634	2.355838	1.682448	1.124459	1.037128	1.537185
1.234593	1.917095	1.114747	1.212462	1.208993	1.520705	1.466848	1.824091	1.061513	1.856465
1.18223	1.41215	1.312306	1.262384	1.574562	1.205524	1.624456	2.496147	1.442802	1.159668
1.397645	1.614975	1.45962	1.360704	1.482963	0.999909	1.471595	2.370236	0.499739	1.083559
1.41172	1.917095	1.333693	1.387715	1.240064	1.477279	3.129606	0.999478	1.044104	1.168795
0.994843	1.407906	1.175797	1.245123	1.796811	2.847936	1.497051	1.08873	1.214576	1.929669
1.60787	1.383506	1.351692	1.280442	1.286933	0.912111	1.516822	1.661752	1.808556	1.38544
1.686946	1.819749	1.359106	1.391658	0.808577	0.924201	1.20792	1.460099	1.480374	1.365929
1.719689	1.102339	1.28378	1.361072	1.299486	1.334999	1.323426	0.985735	1.761201	1.003546
1.09534	1.117218	0.922884	1.250814	1.468629	2.355838	1.389243	1.179528	1.295597	1.235295
1.179771	1.020671	0.94681	1.127051	1.24285	1.379278	1.351455	1.001033	1.192224	1.303224
1.459084	1.496617	1.241862	1.012267	1.152359	1.757474	1.284508	1.393741	1.292536	1.351652
1.064178	0.893936	1.083401	0.888006	0.995916	1.107989	1.1043	1.25361	1.243558	0.873782
0.935068	0.747195	0.816536	1.064943	1.056994	1.120652	0.823181	0.823346	0.91919	1.098225
0.999676	0.935996	0.906756	1.087943	0.81479	0.902934	0.848573	0.959487	1.045681	1.147988
0.960954	0.7509	0.967554	0.873351	1.053366	1.38318	0.985032	0.984234	1.096963	1.008298
0.718602	0.755576	0.945365	0.756179	0.859806	0.936638	1.057724	0.956666	0.813184	0.847706
0.649731	0.780741	0.865262	0.847704	0.883583	0.917443	1.055888	1.026689	0.823418	0.961535
0.71691	0.584479	0.732056	0.865025	0.866804	0.959668	1.019016	1.070081	1.001377	1.009893
0.787379	0.783741	0.816536	0.725217	0.601536	0.809881	0.766935	1.116261	0.859009	0.696788
0.719451	0.908399	0.852268	0.69076	0.650111	0.779555	0.664968	0.863404	0.791484	0.774002
0.505692	0.627088	0.713064	0.755263	0.754509	0.743054	0.946336	0.852208	0.690629	0.876125
0.555737	0.574449	0.736491	0.711766	0.747307	0.666695	0.765055	0.68615	0.694459	0.686798
0.565165	0.570133	0.675851	0.532004	0.719636	0.679687	0.721366	0.830646	0.775429	0.781495
0.680466	0.618774	0.488575	0.625692	0.846141	0.626453	0.671724	0.665533	0.570753	0.695236
0.574193	0.609271	0.454672	0.579367	0.650826	0.794453	0.765994	0.556136	0.58968	0.737506
0.483418	0.521431	0.529758	0.626371	0.689695	0.510845	0.584918	0.572077	0.714135	0.774002
0.541969	0.570133	0.444997	0.479009	0.556124	0.499939	0.648163	0.54838	0.519498	0.648293
0.586531	0.483635	0.40748	0.510128	0.516585	0.542472	0.559647	0.568036	0.508328	0.506092
0.480467	0.406035	0.457477	0.406879	0.434561	0.527462	0.47543	0.450474	0.525714	0.562749
0.474142	0.423189	0.497224	0.464248	0.360436	0.495855	0.438967	0.462922	0.508328	0.44496
0.523181	0.48971	0.543829	0.467538	0.416266	0.502511	0.422036	0.475274	0.504833	0.447142
0.524264	0.508463	0.55719	0.536957	0.502131	0.525826	0.436759	0.463825	0.492576	0.489381
1.135507	0.953438	0.955579	0.924257	0.855203	0.750295	0.593679	0.489902	0.547102	0.583805
0	0	0	0	0	0.29684	1.968238	0.925479	1.230144	1.254517
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0.968884	0.984365	1.262572	1.680487	1.073	0.761577	0.969764	1.222813	1.009404	1.077865
1.123013	1.422568	0.910705	1.251889	0.98403	1.195448	1.148312	0.793598	0.858766	1.41085
0.938598	1.047558	0.953109	0.989977	1.336371	1.35748	1.176232	0.858351	0.836416	0.977043
0.877889	1.36821	1.096447	1.145336	1.144384	0.861504	1.000718	1.12103	0.915005	0.955463
1.156827	1.234242	1.208964	1.568239	1.01171	0.889596	1.166725	1.299603	1.479381	1.001308
1.2063	1.183686	0.954503	1.791487	1.312202	2.042592	1.485217	0.916086	1.231014	1.227399
1.050181	1.228913	0.697527	1.624043	1.7581	1.39871	1.845303	0.990253	0.712219	1.133355
0.967461	1.551663	1.40194	1.147539	1.071068	0.965209	1.243692	1.355998	0.846332	1.283356
1.053633	0.780999	1.211735	1.134486	0.929268	1.060545	1.461406	0.949499	0.922909	1.102749
1.107045	0.765239	0.725453	1.004032	1.006696	1.096681	1.583696	0.895976	1.209918	0.937591
1.015498	0.786701	0.899489	1.302466	0.829122	1.187859	1.132817	0.796519	0.941929	0.841339
0.983382	0.923929	0.844119	1.182	0.836921	0.735149	0.792042	0.678373	0.903414	1.006013
0.905332	1.153723	0.940758	0.671361	0.768422	0.812354	1.003938	0.752876	0.766171	0.839186
1.03664	0.665606	0.840882	0.614722	0.808634	1.053127	0.784176	0.771836	0.913702	0.66757
0.718135	0.596802	1.045863	0.901332	0.763648	0.809197	0.711659	0.747608	0.841897	0.797251
0.711778	0.693249	0.766928	0.704305	0.641883	0.617386	0.709192	0.747608	0.877513	0.863477
0.698572	0.856046	0.909444	0.577508	0.690414	0.756904	0.741521	0.784952	0.766171	0.816182
0.549199	0.870886	0.690627	0.608932	0.66095	0.795776	0.64315	0.728819	0.651954	0.73302
0.521869	0.685603	0.677148	0.774095	0.722888	0.736921	0.62929	0.715648	0.771766	0.783811
0.668997	0.678089	0.686841	0.765763	0.582934	0.866261	0.682175	0.695835	1.075886	0.780046
0.722155	0.682581	0.659095	0.542683	0.576098	0.74318	0.729328	0.812436	0.707337	0.678557
0.663316	0.583419	0.63036	0.628538	0.723753	0.639514	0.579103	0.676146	0.646293	0.757229
0.613388	0.588238	0.685336	0.612783	0.656475	0.617386	0.499893	0.59778	0.687564	0.6793
0.729487	0.615742	0.529758	0.482819	0.580436	0.557645	0.502432	0.683614	0.710585	0.669019
0.671146	0.689409	0.51075	0.53615	0.622931	0.659846	0.588314	0.569659	0.599042	0.626865
0.584205	0.64649	0.575691	0.581689	0.638311	0.55297	0.560081	0.548734	0.568604	0.568415
0.604056	0.609973	0.596005	0.640054	0.550943	0.513017	0.49336	0.557096	0.607318	0.571303
0.5613	0.540667	0.483004	0.544883	0.587342	0.595049	0.579711	0.544887	0.55415	0.542169
0.520851	0.534201	0.53398	0.583493	0.510945	0.533645	0.656015	0.621928	0.495215	0.528303
0.511302	0.632182	0.684585	0.716411	0.522236	0.515143	0.628608	0.691212	0.670136	0.622279
0.565222	0.565235	0.574525	0.578698	0.537197	0.614029	0.6106	0.808402	0.68295	0.698286
0.651485	0.628844	0.639728	0.598827	0.576715	0.630388	0.665548	0.670263	0.621693	0.647085
0.542738	0.677344	0.829215	0.71723	0.601491	0.626929	0.704301	0.636548	0.749805	0.642965
0.533746	0.763422	0.702971	0.642809	0.646209	0.659103	0.584606	0.607152	0.717157	0.711688
0.661204	0.66924	0.672747	0.79418	0.72636	0.703609	0.629973	0.648886	0.565675	0.662536
0.873288	0.689409	0.654172	0.847217	0.741434	0.784735	0.67834	0.586192	0.637937	0.710888
0.834985	0.755337	0.779811	0.745169	0.608742	0.773967	0.707555	0.610322	0.697734	0.762597
0.770831	0.723598	0.674209	0.709912	0.649118	0.605418	0.861856	0.824769	0.839696	0.936246
0.803669	0.605538	0.63036	0.789313	0.754254	0.655408	0.859532	1.043778	0.926915	0.930908
0.722964	0.679581	0.802825	0.805084	0.695255	0.885827	0.777409	0.634525	0.85307	1.238029
0.725399	0.762516	0.766928	0.908915	0.734275	0.809197	0.810279	0.756425	0.883541	0.915277
0.73031	0.617035	0.620541	0.785458	0.722888	0.834008	0.908557	0.897206	0.944715	0.77446
0.822594	0.619631	0.793087	1.043897	0.974668	0.906317	0.953634	0.868608	0.985728	1.15281
0.769027	0.802283	0.943473	0.792227	1.018488	1.107926	0.748644	0.811424	1.107239	1.07416
0.718135	0.771659	0.920924	0.739954	0.748713	0.831794	0.757717	0.889878	0.973609	0.795305
0.792128	0.655589	0.703754	0.756689	0.700971	0.854465	0.754065	0.930472	0.941929	0.63484
0.697044	0.641668	0.888555	0.849434	0.69933	1.021232	0.822876	0.75821	0.734895	0.601911

0.748807	0.71703	1.054567	0.820409	0.85412	1.095588	0.754975	0.774614	0.941929	0.785706
0.81854	0.825709	0.903195	0.694079	0.883138	1.024662	0.821813	0.873245	0.976608	0.993579
0.776287	0.680329	0.840882	0.760296	0.629157	1.156428	0.904682	0.967946	0.869211	0.908926
0.591917	0.73195	0.89826	0.82775	0.649848	0.937575	0.880911	0.8054	0.753389	0.615169
0.627448	0.843874	0.955902	0.851664	0.838047	0.719519	0.675296	0.712416	0.788998	0.69212
0.731133	1.076401	0.757067	0.638	0.751475	0.697891	0.894514	0.831069	0.921581	0.877322
0.790234	0.888663	0.782622	0.661153	0.936277	0.80815	1.015401	0.938525	0.784142	0.878496
0.856457	0.973935	0.872076	0.788346	0.807582	0.914257	0.748644	0.905914	0.806941	0.781925
0.815525	0.860559	0.758844	0.704305	0.767463	0.669619	0.747747	1.137849	0.903414	0.840261
0.895589	0.996599	0.785451	0.729708	0.89454	0.853303	0.836949	0.957916	1.007784	0.843502
0.883709	0.848261	0.727104	0.643501	0.926496	0.906317	0.861856	0.813451	0.789975	0.83279
0.706292	0.870886	0.777947	0.83307	0.89454	0.836234	0.746852	0.781164	0.663503	0.992049
0.751392	0.848261	0.766022	0.923171	0.646935	0.760639	0.784176	0.83319	0.741848	0.961114
0.820562	0.744787	0.577445	0.743424	0.629157	0.993117	0.784176	0.791662	0.95176	0.777244
0.786471	0.694021	0.638378	0.873432	0.826919	1.154101	0.831483	0.716459	0.926915	0.713292
0.800755	0.94133	0.77057	0.917933	0.895826	0.814472	0.792042	0.80242	0.821429	0.785706
0.755734	0.950997	0.997014	0.988444	0.655733	0.775905	1.032321	0.771836	0.800877	1.010769
1.007633	0.803276	1.095081	0.96752	0.727232	0.821965	0.955076	1.07416	1.004564	0.886804
0.890798	1.045817	0.915785	1.345554	1.065324	1.208397	0.897034	0.815487	0.972118	0.843502
1.039986	0.956619	1.04243	1.167886	1.023641	1.05682	0.887041	0.773686	0.88112	0.959694
1.105089	1.138406	1.237749	0.859557	0.919642	1.350131	1.263799	0.945351	1.048415	1.081601
1.131223	0.905938	0.948953	0.810133	0.869597	1.384226	1.227169	1.18777	1.163574	0.910189
0.950734	0.914841	1.141912	0.872259	0.990386	1.335796	0.815483	1.02685	1.073999	0.847862
0.978981	0.987391	1.19441	0.994612	0.918284	1.168249	0.866542	0.887462	1.228321	1.093009
0.848821	1.174244	1.083652	1.140964	1.148972	2.008106	0.903398	1.070474	1.288728	1.079729
0.847741	1.144904	1.133396	0.991517	1.477809	1.438741	1.243692	0.908435	0.86222	0.840261
0.73862	0.987391	1.271172	1.290025	1.044889	0.934765	2.184775	1.363141	0.876317	1.028668
0.792128	0.827807	1.371716	1.115613	1.055916	0.915594	0.827158	0.865162	1.04488	1.219595
0.924212	0.823621	0.753537	0.71315	1.057782	1.190374	0.769801	0.908435	0.940542	0.863477
0.960413	0.913558	0.659803	0.836294	0.769384	0.823046	0.737127	0.869763	0.750698	0.754569
0.961813	0.882656	0.974507	1.315275	0.852952	0.787718	0.912467	0.960758	0.670136	0.82337
0.821577	0.923929	1.089329	0.996168	0.987197	0.960727	0.98807	0.967946	0.920258	0.842419
0.989319	0.926561	0.602165	0.775968	0.960991	0.910269	0.97578	1.142157	1.017591	1.059648
1.775007	0.916127	0.83554	0.942019	1.010032	0.947552	0.991198	1.150905	0.936409	0.96973
0.959017	0.995051	0.954503	0.865285	0.857643	1.09762	1.109533	0.858351	0.776484	0.924327
1.020287	1.188485	1.137633	0.960285	0.719443	0.906317	1.079668	0.930472	0.991916	0.916558
0.993825	0.891089	1.271172	1.035285	0.810745	0.837352	1.385108	1.266663	1.236453	0.961114
1.139591	0.852693	1.004784	1.033582	1.069145	0.931974	1.162048	1.061391	1.022579	0.855599
1.476723	0.97541	0.900721	0.872259	1.046708	1.062419	0.851494	0.787815	1.051979	1.050818
1.109009	1.205711	1.19929	0.940645	0.934866	1.001199	0.730188	0.981193	1.062849	1.012366
0.999908	1.020511	0.883782	0.801088	0.765551	0.868659	1.023779	1.450611	1.220338	0.843502
1.001442	0.771659	0.866338	0.933841	0.936277	0.863876	0.773588	0.935824	0.999778	0.907667
0.886059	0.835231	1.001659	1.194122	1.748823	1.203171	0.743291	0.784002	1.053772	0.812127
0.898004	1.080145	1.175422	1.01204	1.07689	1.101713	0.957974	1.144328	1.168226	1.065033
0.722964	0.850471	1.122981	0.94478	0.7921	1.315145	0.935314	1.056032	1.053772	0.865754
0.840254	1.076401	1.22978	0.924491	0.977766	1.0111	0.838051	0.791662	1.02932	0.901426
0.924212	1.210761	1.006354	1.078277	1.025373	0.665081	0.758634	0.760901	1.215097	0.932236

0.952103	1.035517	0.839808	0.943397	0.929268	0.779807	0.981882	0.996401	0.905963	1.018813
1.333358	0.934555	0.901956	0.848324	1.128697	0.957765	0.909856	1.12103	0.928258	0.955463
0.895589	1.042357	1.051064	0.740819	0.908896	1.081622	0.697863	1.035232	0.765245	0.754569
0.810546	0.868569	0.780746	0.929809	0.960991	0.755976	0.921729	1.043778	0.937782	0.784757
0.767231	0.813329	0.775166	0.973396	0.941967	0.846395	0.77454	0.909701	0.86222	0.921722
0.756608	0.832034	0.809774	0.902587	0.995215	1.016136	0.885808	0.867456	0.766171	0.921722
0.816528	1.142727	1.184812	0.866439	0.860008	0.974314	0.994348	0.650977	0.699319	1.022074
1.012335	0.89845	1.052812	1.107482	0.668512	0.816599	0.97578	0.840695	0.813091	1.077865
0.853168	0.829915	0.753537	0.948954	0.803399	0.947552	0.935314	0.903408	0.921581	0.763498
0.740301	0.776304	0.692151	0.973396	0.973127	0.966713	1.097339	0.858351	0.73146	0.64024
0.812531	0.834163	0.743113	0.851664	0.847158	0.90763	0.933936	0.899676	0.77934	0.80413
0.904102	0.856046	0.967257	0.858421	0.678544	0.840721	0.960892	0.782108	0.813091	0.97264
1.082286	0.813329	0.901956	0.976364	0.98403	0.744082	0.831483	0.898439	0.999778	0.772613
0.895589	0.792479	1.052812	0.982362	0.762699	0.782757	0.719144	0.87092	0.993477	0.83385
1.156827	0.885049	1.298044	0.888981	0.657961	0.79476	0.786129	0.818559	0.954611	0.813137
1.097354	1.001277	1.108807	0.790282	0.762699	1.099662	0.923069	0.842863	1.027625	0.874983
0.992318	0.786701	0.869772	0.830934	0.980887	0.96371	0.916412	1.002636	0.944715	0.757229
0.779962	0.690941	0.889756	0.849434	1.041275	1.029859	0.727614	0.840695	0.854203	0.783811
0.893187	0.765239	0.961542	0.700343	0.70927	0.873496	0.737127	0.702864	0.810005	0.793368
0.890798	0.921313	0.778878	0.766681	0.745059	0.795776	0.738879	0.773686	0.95748	0.826487
0.688737	0.744787	0.740546	0.834142	0.883138	0.857971	0.790062	0.892307	0.849688	0.722223
0.662611	0.67586	0.839808	0.644887	0.830228	0.779807	0.848094	0.925185	0.75249	0.677816
0.712568	0.73195	0.784506	0.594478	0.740533	0.888336	0.715801	0.785905	0.701709	0.755454
0.714945	0.66924	0.628378	0.754897	0.960991	0.912923	0.797031	0.83319	0.788022	0.744956
0.747949	0.681829	0.649304	0.853904	0.92788	0.929201	0.840263	0.787815	0.701709	0.750173
0.672585	0.71056	0.822981	1.01204	0.835798	0.720372	0.85492	0.727151	0.707337	0.813137
0.801724	0.784792	0.915785	0.834142	0.757051	0.695463	0.710835	0.741541	0.868038	1.012366
1.021894	0.830973	0.86748	0.912757	1.126502	0.765352	0.887041	0.847232	0.915005	0.987493
0.844516	0.863974	1.045863	0.948954	0.914236	0.893398	0.960892	0.810414	0.756097	0.811119
0.726213	1.023801	0.993945	0.953168	0.714327	0.892127	0.815483	0.817532	0.937782	0.926947
0.910287	1.056367	0.990897	0.77503	0.701794	0.750446	0.904682	0.846136	0.956043	0.770775
1.050181	0.737039	0.659803	0.736512	0.769384	0.880853	1.200954	1.021898	0.854203	0.74237
0.849903	0.690174	0.710867	0.699555	0.633358	0.800889	0.864192	0.765424	0.869211	0.835976
0.833939	0.708957	0.845204	0.79516	0.613421	0.806063	0.704301	0.733863	0.975106	0.971183
0.873288	0.758912	0.689867	0.867597	0.731621	0.817667	0.722512	0.999507	0.810005	0.900189
0.73862	0.712169	0.757067	1.01204	0.761753	1.091551	0.787109	0.962186	0.95176	0.768944
0.71574	0.704977	0.713264	0.776908	0.868387	0.797814	0.62929	0.725489	0.882329	0.648468
0.834985	0.752676	0.781682	0.632568	0.72636	0.856799	0.696269	0.744997	0.911107	0.66757
1.062386	1.091575	0.840882	0.780687	0.730739	0.834008	0.818636	0.984192	0.944715	1.146228
0.866477	0.776304	0.909444	1.038709	0.841441	0.941823	0.790062	0.996401	0.928258	1.141894
0.65424	0.703395	0.840882	0.953168	0.899706	0.950446	0.689165	0.834254	0.815161	0.750173
0.812531	0.917418	0.769657	0.669888	0.914236	0.784735	0.606697	0.98269	0.855339	0.750173
0.971745	1.221041	0.86748	0.675066	0.874472	0.76916	0.885808	0.908435	0.94752	0.912725
0.824634	0.808273	0.875555	0.713963	0.813932	0.97585	0.936696	0.979701	0.760647	0.874983
0.742836	0.805268	1.059874	0.756689	0.776172	1.029859	0.745068	0.831069	0.705721	0.734705
1.125051	1.132003	1.03733	0.781637	0.870811	0.602803	0.710835	1.042055	0.629063	0.841339
1.198308	1.05106	1.340054	0.905107	1.080814	0.672671	0.792042	1.164365	0.837507	0.837043

0.949369	0.755337	0.83554	0.885343	1.074941	0.862689	0.900841	0.738112	0.696154	0.852267
0.846663	0.832034	0.765118	0.781637	1.167824	1.173069	0.883353	0.738112	0.765245	0.793368
0.753992	0.952396	0.886162	0.802083	0.90625	0.74589	0.792042	0.908435	0.696154	0.820275
0.676204	0.973935	0.776091	0.887765	0.872028	0.648835	0.903398	1.114887	0.92424	0.872658
0.934627	0.843874	0.783563	0.769446	0.822547	0.866261	0.902117	0.816508	0.90088	0.812127
0.727029	0.965191	0.707691	0.722178	0.895826	1.049465	0.997521	0.825813	0.787049	0.788563
0.668282	0.876731	0.888555	0.758489	0.852952	0.823046	0.933936	0.856104	0.718815	1.030332
0.889608	0.820508	0.785451	1.007217	0.764599	0.762518	0.866542	0.935824	0.8386	1.028668
0.987827	0.882656	0.723808	1.01366	0.848311	0.741382	0.764182	0.877933	0.998194	0.73218
0.779962	0.999712	0.779811	1.01366	1.016783	0.897234	0.735382	0.824769	0.964738	0.811119
0.769027	0.971001	0.903195	0.8902	1.124317	1.122779	0.888278	0.762704	0.840795	0.826487
0.868736	0.8113	0.908187	0.81115	0.688014	0.905008	1.068275	0.808402	0.970632	0.971183
0.98191	0.820508	0.777947	0.765763	0.651312	0.959243	0.933936	0.861743	0.808982	0.813137
0.804645	0.763422	0.750907	0.953168	0.914236	1.035119	0.777409	0.784002	0.866868	0.753686
0.907802	0.823621	0.766022	1.136634	1.057782	0.905008	0.777409	0.654485	0.863377	0.947123
0.967461	0.926561	0.93538	0.905107	0.738736	0.90763	0.821813	0.759105	1.085443	1.07416
1.069517	0.814348	0.970142	0.803081	0.848311	0.940402	1.032321	0.831069	0.735758	0.794335
0.954856	0.850471	0.975972	0.979353	1.000098	0.70691	0.851494	0.963619	0.681423	0.695964
1.030025	1.160456	1.014294	1.016918	0.939113	0.784735	0.85492	0.845042	0.884757	0.822336
0.769928	0.948213	0.869772	0.814214	0.830228	0.860323	0.921729	0.952287	0.964738	1.118804
0.724585	0.799319	0.799881	0.756689	0.783069	1.009434	1.03405	1.400733	1.062849	0.81415
0.765442	0.767979	0.967257	1.0202	0.860008	0.953358	0.889518	0.888669	0.925575	0.816182
0.850989	0.872048	1.256932	1.28697	1.080814	0.899809	0.826084	0.742402	1.079683	1.09494
1.116956	1.089649	1.040723	0.891423	1.073	0.914257	0.798036	0.867456	1.115445	0.980003
0.820562	1.105301	0.806782	0.875788	1.094837	1.151788	1.203505	0.987212	0.864538	0.934905
0.75836	0.913558	0.845204	0.974877	0.883138	1.315145	1.091369	0.791662	0.786078	1.098827
0.753992	1.025456	0.934046	1.052684	0.85412	0.861504	0.753157	0.754647	0.806941	1.168568
0.894386	0.880276	0.774243	0.842815	0.781087	0.668859	0.710013	1.056032	1.07778	0.963967
1.002982	0.667783	0.743972	0.853904	0.921004	0.785727	1.064543	0.979701	0.885976	0.800185
0.79118	0.661285	0.802825	0.6972	0.914236	0.857971	0.750444	0.756425	0.748914	0.531464
0.719738	0.844967	0.748293	0.677304	0.739633	0.748618	0.654566	0.861743	0.925575	0.629507
0.668997	0.708957	0.559084	0.631894	0.728106	0.722085	0.686044	0.786859	0.768959	0.768032
0.57605	0.591888	0.622487	0.89635	0.836921	0.82959	0.908557	0.759105	0.68989	0.772613
0.580108	0.583419	0.766928	0.76211	0.749632	0.62624	0.661122	0.761802	0.734895	0.608174
0.731959	0.75091	0.774243	0.694857	0.670806	0.500477	0.548602	0.698945	0.728902	0.625549
0.814525	0.624213	0.653473	0.662597	0.593716	0.575026	0.641043	0.655896	0.654812	0.784757
0.67766	0.554456	0.702971	0.666227	0.633358	0.874713	0.981882	0.792629	0.637937	0.623584
0.58953	0.798335	0.766928	0.692527	0.550362	0.872282	0.839155	0.765424	0.597782	0.611975
0.78929	1.058151	0.737146	0.804082	0.658706	0.651015	0.77454	0.817532	0.696943	0.77446
0.865353	1.103313	0.973047	0.769446	0.657217	0.707739	0.878483	0.819588	0.855339	0.948502
0.729487	0.995051	1.451628	1.018556	1.046708	0.866261	1.037528	0.888669	0.72467	0.799205
0.874434	0.94407	1.1292	1.091662	0.829122	0.866261	1.075837	0.874413	0.637248	0.811119
0.953477	0.916127	0.850666	0.915337	0.675432	0.73075	1.091369	0.899676	0.777434	0.856716
0.875582	0.736187	0.81582	0.841721	0.72462	0.758767	0.831483	0.907173	0.844109	0.684533
0.839195	0.732794	0.781682	0.915337	0.807582	0.651744	0.752251	0.742402	0.793908	0.662536
0.922927	0.911003	0.938061	0.766681	0.600185	0.589324	0.861856	0.679118	0.975106	0.83279
0.804645	0.706565	0.784506	0.761202	0.736946	0.693049	0.903398	0.705232	0.913702	0.826487

0.628749	0.667783	0.806782	0.891423	1.057782	0.927821	0.935314	0.952287	0.732316	0.702185
0.81854	0.810289	0.927436	1.080164	0.980887	1.144919	0.772639	0.963619	0.729753	0.772613
0.845588	0.823621	0.874392	0.783543	0.876931	1.075772	0.842486	0.874413	0.88112	1.120853
0.80857	0.670703	0.80086	0.753112	0.857643	1.599038	1.048133	0.89475	0.990361	0.794335
0.867605	0.859426	0.936718	0.82145	0.777151	1.022943	0.97126	0.784952	0.679142	0.747557
0.89199	0.876731	0.830263	0.903845	1.044889	0.847539	0.947915	0.942608	0.722151	0.730504
0.995338	0.914841	0.970142	1.030198	0.979324	0.760639	0.76886	0.912244	0.859914	0.93894
0.976073	1.069009	0.785451	0.815241	1.090784	0.802951	0.745068	1.287334	1.075886	1.137604
0.924212	0.825709	0.664075	0.777849	1.01171	0.98205	0.821813	1.076015	0.861066	0.958279
0.814525	0.933212	0.732096	0.933841	0.971591	0.956291	0.980348	0.941242	0.960369	1.104724
0.898004	1.027117	0.934046	0.94478	0.865976	0.926445	1.008814	1.077878	1.165894	1.045605
0.850989	0.888663	0.732096	0.754897	0.874472	0.831794	1.003938	0.959335	1.066534	0.864614
0.890798	0.807269	0.829215	0.94478	1.117829	0.9519	1.030599	0.877933	0.917624	0.744092
0.806603	1.042357	1.405871	0.983874	0.818218	0.902401	0.868904	0.937172	1.691073	0.981491
1.067724	1.037217	0.947576	1.035285	0.641883	0.940402	0.792042	1.007372	1.239198	1.431351
0.896795	0.714592	0.892169	1.149753	0.939113	1.08359	1.150571	1.199964	1.11752	1.03368
0.780886	0.862832	0.950334	1.085875	1.229854	1.047646	0.880911	1.010558	0.940542	0.891623
0.810546	1.072689	1.093155	0.699555	0.817143	1.009434	0.773588	1.040339	1.217709	0.870344
0.911535	0.876731	0.880237	0.697984	0.840307	0.977392	0.966786	0.914801	0.908528	0.813137
0.850989	0.794422	0.899489	0.743424	0.825822	1.142654	1.020408	0.978214	0.77934	0.925635
0.763661	0.874383	1.052812	0.948954	0.800288	0.837352	0.738002	0.848331	0.705721	0.708497
0.825658	0.881464	0.759735	1.018556	0.891981	0.652475	0.659657	1.043778	0.781255	0.661109
0.953477	0.922619	0.705324	0.774095	0.974668	0.760639	0.693888	0.912244	0.75429	0.695192
0.948008	1.063546	0.788299	0.856157	0.947732	0.943248	0.997521	0.856104	0.848566	0.857835
0.914041	1.339954	1.04759	1.097527	1.052209	0.996332	1.141603	0.790697	0.732316	0.921722
0.932	0.848261	1.000106	1.111529	0.789069	0.861504	1.185953	0.857226	0.691447	1.175501
0.983382	0.818445	1.009513	1.005622	0.675432	0.773002	1.013745	1.066818	0.824597	1.001308
0.787409	0.902178	0.978916	1.059843	0.874472	1.009434	0.963829	1.180616	1.314148	0.825446
0.76012	0.942698	1.120928	0.996168	0.987197	1.069999	1.002325	0.806399	0.93916	0.874983
0.751392	0.89845	1.125044	0.744296	0.734275	1.29543	1.09534	0.867456	1.083514	0.921722
0.794985	0.808273	0.851767	0.850548	0.911557	1.040444	1.003938	0.923874	1.03273	0.876151
0.889608	0.687882	0.924819	0.900081	1.034135	0.82413	0.921729	1.057811	0.810005	0.80413
1.006077	0.891089	0.944836	0.843911	0.790077	0.787718	0.843602	0.913521	0.769893	0.842419
1.045053	1.123611	0.737146	0.701924	0.781087	0.836234	0.779332	1.102856	0.990361	0.990525
0.826685	0.969541	0.666946	0.7075	0.901007	0.930585	0.829315	1.150905	0.899618	0.830679
0.721348	1.023801	0.888555	0.907642	0.85412	0.793747	0.991198	0.94673	0.824597	1.091087
0.956238	1.169599	1.012695	0.963164	0.911557	0.875934	0.885808	0.899676	0.889654	1.102749
1.105089	0.955207	0.784506	0.869922	0.893259	0.746798	0.845842	1.005788	0.979626	1.025358
1.118966	0.922619	0.759735	0.826694	1.071068	0.840721	1.012095	0.835321	0.765245	0.866897
0.864231	1.06174	1.020752	0.950354	0.831336	1.093565	0.921729	0.616086	0.726358	0.913999
0.970313	1.190904	1.120928	0.911473	0.7921	0.977392	0.895772	0.848331	0.912403	1.127059
0.959017	0.781945	0.786398	0.997729	0.775196	0.923707	0.995932	1.056032	0.916313	0.956869
0.93727	0.664883	0.773322	1.149753	0.832447	0.888336	1.087434	0.826859	0.795888	1.042165
0.860882	0.758912	0.839808	0.954582	0.742338	0.894673	0.823943	0.767246	1.014298	1.106708
1.205624	0.923929	1.078048	0.82145	0.970061	1.049465	0.839155	0.922566	0.941929	0.975571
1.048465	0.922619	1.056328	1.038709	0.843719	0.966713	0.850357	1.047244	1.043123	0.801168
0.866477	0.887455	1.155007	1.27793	1.023641	1.29543	1.103393	1.260934	1.24474	0.744092

0.838139	1.042357	1.11281	1.232662	1.529996	1.045834	0.898299	1.255279	1.253188	0.811119
0.859772	1.149291	1.426074	0.933841	1.185019	1.116351	0.807186	1.312229	1.276556	1.040455
0.840254	0.810289	0.89826	0.727183	0.908896	1.026388	0.977298	1.085412	0.832081	0.966839
0.750529	0.925243	1.19441	0.875788	0.884391	1.079663	1.087434	0.903408	0.844109	0.877322
0.865353	0.883851	1.120928	1.136634	0.979324	0.825217	0.746852	0.773686	0.885976	0.78952
1.03664	1.228913	0.968697	0.961722	0.955048	0.785727	0.806159	0.917374	0.8386	0.892837
1.112964	1.080145	1.133396	0.912757	0.848311	1.040444	1.347877	1.021898	0.890887	1.061436
0.866477	1.279404	1.012695	0.958852	1.098928	0.76916	1.130648	0.921262	0.93504	0.955463
0.914041	1.200719	0.934046	0.856157	0.864776	0.82413	1.323592	0.846136	0.857621	0.886804
0.960413	1.038924	0.905684	0.963164	0.784063	0.914257	1.409081	0.874413	0.869211	0.948502
0.846663	0.817417	0.926125	0.974877	0.852952	1.05497	1.049926	0.881482	1.192263	0.80314
0.873288	0.972466	0.817854	1.302466	0.949186	1.138158	0.953634	0.882672	1.11752	0.764401
0.848821	1.155956	1.216815	1.111529	0.952107	0.993117	0.912467	0.838537	1.027625	0.955463
0.960413	0.832034	1.028962	0.799103	0.862385	0.936168	0.983421	0.945351	0.911107	1.09494
1.002982	0.856046	0.884971	0.820409	1.109327	1.062419	1.048133	0.853869	0.916313	0.894053
1.03332	0.778176	0.992419	0.950354	0.982456	1.021232	0.935314	1.173577	1.165894	0.944378
1.05537	0.873214	0.971592	1.089724	0.810745	1.05682	0.916412	0.849433	1.079683	1.040455
0.869869	0.879091	1.122981	0.848324	0.880645	1.180401	0.997521	0.718087	0.885976	0.903912
0.928088	0.889874	1.044143	0.837374	0.92788	1.058679	0.904682	0.857226	0.843001	0.724691
1.031669	0.835231	1.219377	0.875788	1.027111	1.158766	0.960892	1.081629	1.007784	0.664687
1.350181	0.918712	1.144067	0.977856	0.843719	1.031605	1.028884	1.287334	1.182488	0.898955
0.900433	1.119475	1.012695	0.806089	1.020199	1.434296	1.243692	1.269557	1.062849	1.025358
0.894386	1.228913	1.122981	0.847217	0.85412	0.906317	0.811315	1.03863	0.757003	0.871499
0.895589	0.808273	1.259743	1.115613	0.99199	0.846395	0.856068	1.089228	0.882329	0.963967
1.031669	0.816391	1.074351	1.087795	0.806532	0.911594	0.816532	1.01216	0.985728	0.963967
0.837085	0.908463	0.778878	0.764847	0.955048	1.165859	0.777409	0.955092	0.94332	0.870344
0.794031	0.916127	0.732934	0.879347	1.052209	1.158766	1.176232	0.931804	0.703309	0.763498
0.987827	1.105301	0.827127	0.979353	1.182521	0.927821	1.137188	0.820619	0.75249	0.908926
0.907802	1.113343	0.953109	0.787381	0.90625	0.826306	0.827158	0.797497	0.904687	0.959694
1.012335	1.004425	0.757955	0.736512	0.974668	0.855631	0.966786	1.102856	1.433969	1.201911
0.880207	0.902178	0.888555	0.861839	0.852952	0.826306	0.866542	0.819588	0.916313	1.209402
0.779962	0.844967	0.986366	1.274959	0.915581	0.916936	0.938083	0.735558	0.81724	1.243443
0.973183	0.959457	1.059874	0.966063	0.990386	1.129303	1.062688	1.100883	1.037895	1.001308
1.0786	0.72859	0.754417	0.802083	0.838047	0.880853	1.203505	0.965057	0.814125	0.908926
0.917827	0.797354	0.897035	0.925814	0.74415	0.953358	0.90597	0.789734	0.844109	0.895274
1.020287	0.990439	1.549636	1.194122	0.787059	1.095588	0.819693	0.808402	0.806941	0.83279
1.082286	1.05106	0.98337	0.901332	0.818218	0.884578	0.884579	0.978214	0.993477	0.9982
0.989319	0.732794	0.722988	1.050912	1.041275	1.35379	1.232607	1.532798	1.168226	0.9982
1.067724	0.874383	0.784506	0.866439	1.057782	1.384226	1.313587	1.102856	1.07778	0.825446
1.184036	1.221041	1.189585	0.856157	1.020199	1.122779	0.76886	0.882672	1.172928	0.857835
1.062386	1.087731	1.224547	1.059843	0.884391	0.946113	0.99277	1.192607	0.897105	0.856716
0.875582	0.859426	1.0159	0.956001	0.996837	1.684468	0.963829	0.919962	0.972118	0.916558
0.812531	0.925243	1.040723	1.000869	1.192603	1.200581	0.868904	0.815487	0.769893	0.765306
0.916561	0.956619	0.864065	1.095563	1.227084	0.997948	0.900841	1.048987	0.885976	0.831733
1.05537	1.171916	0.930068	0.991517	1.025373	1.047646	1.089397	0.957916	1.103194	1.137604
0.766336	0.850471	1.254139	0.940645	1.170239	1.211034	0.974268	0.908435	0.803899	0.965401
0.770831	0.826757	1.102871	1.11767	1.124317	0.948996	0.887041	0.868608	0.713038	0.741512

0.81955	0.991971	0.789252	0.834142	1.092806	0.766301	0.69468	0.880296	0.685251	0.930908
1.114955	1.056367	0.875555	0.885343	1.000098	0.826306	0.737127	0.899676	0.7634	0.944378
0.78929	0.946828	1.009513	0.81115	0.895826	0.874713	1.03405	0.834254	0.824597	0.827532
0.734445	0.885049	1.003219	0.697984	0.891981	0.993117	1.028884	0.738967	0.849688	0.827532
1.086005	1.045817	0.777947	0.880539	0.789069	0.663579	0.790062	0.935824	0.976608	1.028668
1.073128	0.998153	0.768745	0.805084	0.757051	0.756904	0.962358	1.155345	1.01266	1.194548
0.707071	0.805268	0.802825	0.7845	0.888169	1.060545	1.000718	0.779283	1.072121	1.045605
0.733615	0.80928	0.856199	0.910192	1.160658	1.081622	0.872471	0.743266	0.990361	1.018813
0.81955	0.67438	0.786398	0.921856	0.782077	0.844116	1.060842	0.900917	0.979626	0.992049
0.900433	0.73195	0.726278	0.772229	0.680108	0.848686	0.923069	0.942608	0.895855	1.032003
0.811537	0.757121	0.783563	0.872259	0.7801	0.855631	0.638946	0.927821	0.865702	0.663252
0.779041	0.946828	1.014294	1.194122	0.947732	0.980492	0.863023	0.822689	0.764322	0.786656
0.802696	0.862832	0.915785	0.887765	0.757987	0.926445	0.921729	0.845042	0.899618	1.122912
0.942606	0.694021	0.884971	0.773161	0.720302	1.001199	0.956523	0.887462	1.168226	0.870344
0.852077	0.704977	0.798903	0.785458	0.811805	0.985183	1.070153	0.985699	0.844109	0.692886
0.98191	0.718663	0.844119	1.026839	1.148972	0.948996	0.865366	0.952287	0.810005	0.978521
1.073128	1.167295	0.86748	0.968981	1.030609	0.930585	0.695473	1.155345	0.85194	1.07416
0.772642	1.103313	1.03229	0.815241	0.806532	0.968223	0.737127	0.950891	0.755192	0.889207
0.704737	0.796374	1.063448	0.807097	0.976214	0.866261	0.760476	0.738112	0.596527	0.773536
0.883709	0.830973	1.259743	0.982362	0.919642	0.816599	0.889518	0.812436	0.725513	0.798227
0.968884	1.014005	1.068866	0.89635	0.755184	0.80815	0.856068	0.909701	0.836416	0.954062
0.858664	1.127787	0.755298	0.82145	0.987197	0.920986	0.843602	1.150905	0.981144	0.937591
0.850989	0.89845	0.857314	1.149753	1.258564	1.116351	0.916412	0.828959	0.846332	0.799205
0.910287	1.165004	0.874392	1.085875	1.071068	1.036887	1.059003	0.813451	0.882329	1.013969
0.79118	0.905938	0.86748	0.6972	0.815	0.844116	1.07204	1.02026	1.050193	1.110702
0.806603	0.85717	0.806782	0.738229	0.883138	0.709403	0.897034	0.922566	0.883541	0.984481
0.727029	0.899689	0.924819	0.832001	0.868387	0.793747	0.871279	0.811424	0.871567	0.961114
0.640637	0.900932	0.967257	0.980855	0.728982	0.911594	1.117856	0.880296	0.796881	0.874983
0.902876	0.693249	0.751782	1.031887	0.88189	0.872282	1.097339	0.943977	0.93916	0.785706
1.002982	0.684845	0.662646	1.0995	0.811805	0.795776	1.132817	1.023543	1.161266	0.828578
0.880207	0.690174	0.704538	0.836294	0.828019	0.722944	0.802079	0.832128	0.963276	0.864614
1.025128	0.853808	0.80086	0.841721	0.712635	0.892127	0.751346	0.729656	1.036167	0.912725
1.039986	1.111319	1.076196	0.856157	0.707598	0.859145	0.801065	0.912244	0.897105	0.695964
1.091642	0.782892	0.81178	0.868758	0.736946	0.920986	1.113674	1.197497	0.892124	0.746688
0.853168	0.721123	0.857314	0.882935	0.936277	0.968223	0.861856	0.888669	0.92424	0.864614
0.866477	0.712169	1.081776	0.951759	0.869597	0.74228	0.633402	0.776475	0.960369	0.850059
0.881371	0.875556	1.131293	0.980855	0.843719	0.777852	0.668524	0.818559	0.771766	0.80413
0.707852	0.708158	1.085536	0.81937	0.862385	1.089547	0.960892	0.868608	0.798875	0.962538
0.821577	0.689409	1.044143	0.928473	0.822547	0.850988	0.792042	0.895976	0.825658	0.811119
1.080439	0.999712	0.89338	0.983874	0.955048	0.684311	0.783203	1.03186	0.895855	0.815165
1.159031	0.956619	0.886162	0.856157	0.872028	0.772038	0.799043	0.914801	0.870388	0.857835
0.771735	0.846062	1.006354	0.797127	1.170239	0.814472	0.908557	0.784002	0.76248	0.910189
0.81854	0.815368	0.953109	0.89635	1.113557	1.064302	0.986515	0.794569	0.804911	0.901426
0.806603	0.881464	0.773322	0.887765	0.955048	0.800889	0.917736	1.05426	0.788022	0.897724
0.941266	0.911003	0.802825	0.875788	0.878165	0.895951	1.249343	1.015382	0.921581	0.916558
0.788349	0.981359	0.837669	0.948954	1.041275	1.154101	1.037528	0.756425	0.95748	1.025358
0.841316	0.968086	0.8652	0.923171	0.922371	0.905008	0.859532	0.824769	0.869211	0.985984

1.058864	1.115378	0.818875	1.01366	0.71348	0.773002	1.099348	0.912244	1.111322	1.214468
0.992318	1.134127	0.897035	0.920544	0.840307	1.219042	1.221797	0.979701	1.184911	0.79144
0.845588	0.865118	0.862932	0.81115	0.934866	1.32192	1.130648	0.892307	1.105212	0.828578
0.761002	0.88625	0.830263	1.091662	1.354496	1.002834	0.879695	0.846136	0.857621	0.975571
0.900433	0.956619	0.897035	0.906373	0.865976	0.919632	1.130648	0.806399	0.972118	1.079729
0.89199	0.765239	0.897035	0.759391	0.886906	1.047646	0.957974	0.997951	1.081594	0.824407
0.912786	0.839531	0.725453	0.828809	0.94484	1.049465	0.701875	0.880296	1.066534	0.703755
1.091642	1.017246	0.794051	0.968981	0.852952	0.954822	0.821813	0.738967	0.839696	0.801168
1.091642	1.134127	0.997014	1.115613	0.918284	1.1404	1.027175	0.75821	0.925575	1.047336
0.956238	0.93054	1.26542	1.405221	0.868387	1.325348	1.344323	1.095016	1.041374	1.028668
0.911535	0.833097	0.946204	1.266163	1.210829	1.158766	0.822876	1.182987	1.2048	0.751926
1.244173	0.832034	0.785451	1.095563	0.952107	0.946113	0.766983	0.891091	1.03273	0.773536
1.053633	0.916127	0.911969	0.818334	0.885646	1.200581	0.864192	0.960758	1.180078	0.985984
0.910287	0.795397	1.161706	0.835217	0.939113	1.205776	0.89326	0.83639	1.05738	0.889207
0.826685	0.824664	1.163962	0.964611	0.851787	0.922344	0.85722	1.03863	0.757003	0.831733
0.980443	0.744787	1.26542	1.274959	1.096877	1.036887	0.880911	1.033542	0.768028	0.82337
1.086005	0.783841	1.049323	0.968981	0.95801	1.060545	0.851494	1.072313	1.119606	0.982983
0.864231	1.033824	1.125044	0.675066	0.712635	1.103774	1.025474	1.040339	1.377445	1.063231
0.79786	0.715403	0.870922	0.828809	0.849467	1.064302	0.823943	1.028514	0.86222	0.857835
1.177073	0.801293	0.869772	1.065292	1.224332	1.1404	0.815483	0.887462	0.82993	0.936246
1.42895	0.833097	0.911969	0.925814	1.046708	0.991519	0.76792	0.895976	1.113379	1.037054
0.92037	1.087731	0.875555	0.71072	0.955048	0.862689	0.810279	1.230705	0.93916	1.079729
0.786471	1.014005	1.011101	0.797127	0.891981	0.950446	0.932563	1.035232	0.744484	0.880853
0.831854	1.070845	1.063448	0.920544	0.8757	0.74228	0.977298	0.925185	0.725513	1.032003
0.866477	1.049306	1.035644	0.920544	0.919642	0.795776	0.864192	0.861743	0.857621	1.100784
0.763661	0.903428	0.637704	0.579892	0.929268	0.812354	0.907261	0.889878	0.793908	0.910189
0.777203	0.920011	0.571046	0.635275	0.9936	0.922344	0.929829	0.874413	0.757003	0.990525
0.834985	0.816391	0.772402	0.837374	0.842579	0.839595	0.962358	0.725489	0.748024	1.076008
0.793078	0.946828	0.948953	1.199067	0.94484	0.763461	0.900841	0.824769	0.801882	0.889207
1.043358	0.998153	1.040723	0.94478	0.996837	0.801919	0.932563	0.867456	0.876317	0.682283
0.992318	1.004425	0.831313	0.783543	1.151284	0.926445	0.83257	0.851646	0.734034	0.700621
0.848821	0.829915	0.833422	0.759391	0.946284	1.021232	0.90597	0.60026	0.850812	1.042165
0.743684	0.839531	0.876721	1.269075	1.122144	1.036887	1.027175	0.609051	0.868038	1.087268
0.915299	1.171916	0.83448	1.093608	1.241111	1.107926	1.081597	0.905914	1.002963	0.848959
1.051904	0.925243	0.850666	1.070809	1.107227	1.29543	1.185953	0.941242	0.954611	0.860083
0.926792	0.790545	0.802825	0.950354	1.107227	1.238323	0.831483	0.713222	0.876317	0.868043
0.971745	0.833097	1.139767	0.96752	0.982456	1.149486	0.738879	0.801431	1.05738	0.848959
0.932	1.087731	1.125044	1.049148	0.774222	0.956291	0.868904	0.895976	0.893364	0.775386
0.850989	0.74392	0.850666	0.991517	0.771312	1.081622	1.023779	0.965057	0.837507	0.794335
1.048465	0.788619	0.924819	1.11767	0.934866	1.05497	0.831483	0.877933	0.836416	0.844588
0.831854	0.860559	1.054567	0.935193	1.107227	1.335796	0.842486	0.857226	0.916313	0.860083
1.041669	0.923929	0.839808	0.771299	0.747797	0.98834	0.888278	1.137849	0.905963	0.889207
0.9255	0.887455	0.888555	0.809118	0.784063	1.089547	0.858374	1.01216	0.912403	0.794335
0.847741	0.797354	0.895813	1.068962	0.988789	1.103774	0.900841	0.938525	0.999778	0.74323
1.013914	1.028784	0.980396	0.861839	1.084775	0.767252	0.585839	0.784002	1.209918	0.835976
1.215574	0.807269	0.868624	0.855029	0.943401	0.884578	0.638249	0.688918	0.859914	1.043882
0.793078	0.66633	0.950334	0.807097	0.857643	1.116351	1.111599	0.953687	0.633818	0.821304

0.641979	0.687882	1.003219	0.89388	0.852952	1.101713	0.955076	0.849433	0.743604	0.805121
0.724585	0.736187	0.777018	0.6972	0.919642	0.770117	0.759554	0.994856	1.037895	1.129147
1.099275	1.038924	0.808774	0.645581	0.813932	0.782757	0.888278	0.985699	0.950342	0.965401
0.996856	1.009188	1.039024	0.84501	0.998464	0.772038	1.07204	1.204939	0.741848	0.900189
0.694763	0.839531	1.288901	1.083963	1.336371	0.926445	0.779332	0.87092	0.713038	0.888004
0.684272	0.881464	0.951719	1.085875	1.187533	0.831794	0.682175	0.86288	0.832081	1.045605
0.901653	1.037217	0.836603	0.718051	0.90625	0.604763	0.750444	0.925185	1.073999	1.032003
0.928088	0.889874	0.755298	0.636636	0.92788	0.747707	1.003938	0.847232	0.876317	0.83385
0.697807	0.990439	0.825049	0.70351	1.158296	1.224464	1.113674	0.903408	0.820378	0.877322
0.665437	0.836302	0.932716	0.818334	0.923742	0.711072	0.866542	0.918666	0.748914	0.962538
0.843447	0.996599	0.819898	0.954582	0.988789	0.71612	0.888278	1.001069	0.82993	0.989006
0.964628	1.097404	0.886162	0.807097	0.835798	0.788717	0.98807	0.821653	0.907243	0.885607
0.713359	0.905938	0.809774	0.764847	1.135351	1.062419	1.023779	0.783054	0.94332	0.882037
0.720542	0.959457	0.899489	0.916633	0.98403	1.038661	1.122078	0.993316	0.803899	0.958279
0.675478	0.799319	0.906934	1.0202	0.708433	0.731627	1.255068	1.063193	0.678384	0.716519
0.778121	0.773511	0.713264	0.862985	0.764599	0.863876	1.066405	0.807399	0.756097	0.766212
0.750529	0.853808	0.696755	0.848324	0.790077	0.861504	0.952197	0.668805	0.801882	0.800185
0.845588	1.174244	0.947576	0.991517	0.977766	0.813411	0.912467	0.857226	0.758821	0.845677
1.177073	1.288421	0.970142	1.074527	0.768422	0.821965	1.075837	0.923874	0.979626	1.018813
1.021894	1.109303	0.710071	0.84501	0.742338	0.773967	1.020408	1.146509	0.988811	0.77446
0.847741	0.907199	0.762418	0.842815	0.834678	0.948996	0.884579	0.733863	0.7634	0.780046
0.793078	1.015622	0.918347	0.958852	0.852952	0.802951	0.772639	0.66087	0.888425	0.864614
0.81955	0.842784	0.998557	0.89759	0.7801	0.936168	0.785152	0.643359	0.912403	0.913999
0.905332	0.659854	0.803811	0.747801	0.746882	1.009434	0.91116	0.823728	0.735758	0.658976
0.856457	0.723598	0.728762	0.733096	0.823636	1.205776	0.879695	1.131465	0.824597	0.699063
0.915299	0.776304	0.827127	0.907642	0.939113	0.978939	0.852633	0.840695	0.870388	0.864614
0.770831	0.746528	0.830263	0.81319	0.745969	0.991519	0.899568	0.775544	1.014298	0.937591
0.917827	0.784792	0.978916	0.804082	0.782077	0.90763	0.933936	0.825813	0.844109	0.805121
0.952103	0.753561	0.943473	1.02185	0.879403	0.80815	0.69468	0.953687	0.756097	0.700621
1.150283	0.933212	0.940758	1.308823	1.000098	0.844116	0.671521	0.91097	0.871567	0.780046
0.930692	1.174244	1.110804	0.94478	0.748713	0.874713	0.804114	0.737259	1.081594	0.888004
0.831854	0.938607	1.180092	0.735655	0.685627	0.972783	0.97578	0.760002	0.85194	0.775386
0.840254	0.712975	0.825049	0.783543	0.753325	0.852144	0.900841	0.939881	0.787049	0.702185
1.004527	0.72692	0.942114	0.933841	1.003384	0.947552	0.826084	0.850538	0.768028	0.721404
0.970313	0.877909	1.067052	0.8173	0.824728	0.871071	0.751346	0.799459	0.871567	0.912725
0.726213	0.995051	0.977441	0.739091	0.822547	0.865067	0.789076	0.879113	0.940542	0.869192
0.794031	0.905938	0.989382	1.263271	1.030609	1.036887	0.887041	0.953687	0.77934	0.878496
0.869869	0.817417	1.173106	1.136634	0.915581	0.74589	0.894514	1.127261	0.675367	0.866897
0.961813	0.921313	0.977441	0.769446	0.832447	0.762518	0.752251	1.02685	0.802889	0.767121
0.84238	1.028784	0.727932	0.807097	1.113557	0.861504	0.739758	0.850538	0.946115	0.955463
0.741145	0.837376	0.864065	0.921856	1.105137	1.006121	0.942269	0.714029	0.758821	1.238029
0.67912	0.996599	1.159462	1.103472	1.025373	0.931974	1.042798	0.706025	0.738358	1.114734
0.779962	1.033824	0.895813	0.928473	1.07689	0.948996	1.091369	0.818559	0.929606	0.851161
0.824634	0.973935	0.824014	0.850548	1.135351	1.040444	1.602522	1.173577	1.034445	0.796277
0.772642	0.756228	0.8652	0.865285	1.018488	1.298655	1.166725	0.909701	0.894607	1.12498
0.813526	0.859426	1.068866	1.211683	0.878165	1.016136	0.984965	0.786859	0.856479	1.180185
0.98634	1.288421	0.971592	1.059843	0.755184	0.895951	1.010452	0.927821	0.981144	0.813137

1.238831	1.119475	0.837669	0.89759	0.893259	0.934765	1.211251	1.238743	1.199742	0.846768
1.120985	0.938607	0.917064	0.929809	0.91693	0.966713	0.909856	0.887462	1.034445	0.768032
0.876734	0.848261	0.917064	0.916633	0.732504	1.079663	0.814438	0.839614	1.08738	0.861211
0.861995	0.931874	1.095081	1.002447	0.736946	0.906317	0.85722	0.903408	0.969151	0.871499
0.963218	0.92921	0.913237	0.982362	0.893259	1.364955	1.059003	1.070474	0.870388	0.847862
1.170219	0.874383	0.900721	1.030198	1.061537	1.127118	1.049926	1.066818	0.90088	0.890413
0.98634	1.06718	0.908187	0.787381	1.046708	1.1315	0.794031	0.90466	0.93504	0.916558
1.163471	1.140561	1.127117	0.757588	0.873249	1.095588	0.984965	0.923874	1.168226	0.934905
1.073128	0.93054	0.943473	0.971919	0.94484	1.071915	1.09534	1.18777	0.871567	1.093009
0.966042	0.789581	0.984865	1.474413	1.224332	1.238323	0.989631	1.036927	0.815161	1.006013
0.909043	0.917418	1.098959	1.072664	1.146672	0.908947	0.819693	1.321945	0.85307	1.1087
1.118966	1.303878	0.978916	0.988444	1.126502	0.897234	1.000718	1.38911	1.250354	1.012366
0.966042	0.945447	0.968697	0.873432	0.932058	1.024662	1.537153	1.199964	0.993477	1.166282
0.79786	0.962315	1.560773	1.002447	1.013395	1.192903	1.05535	1.095016	0.773647	0.916558
0.881371	1.091575	1.512765	1.580035	1.096877	0.90763	0.781263	1.168947	0.897105	1.087268
1.060621	1.176586	1.058097	1.028515	1.084775	0.938986	1.017064	1.275402	1.051979	1.311098
1.009195	1.049306	1.097016	0.901332	1.023641	1.279659	1.203505	1.202444	1.612828	1.072319
0.697807	1.178939	1.329992	1.211683	1.680986	1.118483	1.013745	0.927821	1.103194	1.018813
0.841316	1.065359	1.282911	1.257543	1.107227	0.884578	0.859532	0.623237	0.82993	1.414874
1.350181	1.658427	1.095081	1.637481	0.963993	0.885827	1.07204	0.840695	0.866868	1.083482
1.230939	1.557266	0.846291	1.177244	1.032369	0.947552	1.077749	0.98269	0.848566	0.764401
0.809557	0.900932	0.817854	1.269075	1.279855	1.32192	1.010452	1.131465	1.310888	0.879673
0.81854	1.132003	0.960125	1.378103	1.312202	1.213687	1.385108	0.98269	1.320742	1.02701
1.064158	1.063546	1.097016	1.026839	0.834678	1.081622	1.413209	1.007372	1.404788	0.996654
1.40495	1.259066	1.426074	1.421513	0.874472	1.224464	0.884579	0.889878	1.130188	0.868043
0.916561	1.072689	0.953109	1.363335	1.213496	1.44777	0.908557	0.975255	1.079683	0.949885
1.065937	0.960884	0.839808	1.016918	1.071068	1.022943	0.989631	1.021898	1.253188	1.161744
1.467637	1.038924	1.006354	0.853904	0.736946	1.107926	0.984965	0.978214	1.469911	1.02044
1.152454	0.965191	1.329992	0.994612	0.949186	1.002834	1.13939	1.215062	1.01266	0.728835
0.961813	0.952396	1.146233	1.115613	1.312202	0.996332	1.221797	1.676591	0.869211	0.818224
1.218097	0.94407	1.170802	1.143144	0.798227	1.014451	0.997521	1.278354	1.079683	1.157254
1.37853	1.346847	1.398045	0.924491	0.952107	1.258499	0.920394	1.202444	1.247538	1.643677
1.109009	2.101335	1.237749	0.933841	1.636266	1.350131	0.780296	0.960758	0.973609	0.903912
1.023508	1.033824	1.022382	0.991517	1.227084	0.879618	0.842486	1.045507	0.780296	0.898955
0.978981	0.797354	1.04759	1.016918	1.069145	0.948996	1.221797	1.02026	1.130188	1.192121
1.012335	0.921313	0.853977	0.862985	1.07689	1.62569	1.085479	1.138126	1.207351	1.114734
0.852077	1.107298	0.783563	0.805084	0.970061	0.966713	1.146064	1.302725	1.101185	0.919132
0.727847	0.94133	1.139767	1.026839	0.94484	0.911594	1.745531	0.930472	1.175298	1.161744
0.833939	1.178939	1.240438	1.315275	1.305537	1.045834	1.297406	1.036927	0.999778	1.1087
1.009195	1.038924	0.791165	0.836294	1.472919	1.024662	1.166725	1.168947	1.194742	1.127059
0.98634	1.083922	0.752658	0.84501	1.187533	1.002834	1.134997	1.129358	0.996616	0.971183
0.966042	1.210761	1.346893	1.493581	1.117829	1.249737	0.994348	0.843951	1.019247	1.365269
0.942606	1.489515	1.608414	1.308823	1.094837	1.101713	1.049926	1.522282	1.796404	1.726377
1.793649	1.23157	0.954503	0.931149	1.100988	1.062419	1.141603	1.634256	1.381248	1.006013
1.610005	1.181306	1.184812	0.958852	1.435666	1.187859	1.243692	0.969398	1.037895	0.827532
0.996856	1.002848	1.63435	1.134486	1.182521	1.270464	0.711659	0.629841	1.163574	0.937591
0.977525	1.113343	1.216815	1.263271	1.032369	1.101713	0.736253	0.925185	1.24196	1.087268

1.009195	1.101335	0.83554	0.983874	0.822547	1.08359	1.081597	1.036927	1.222983	1.02044
1.205624	0.804271	0.820923	1.054463	0.893259	1.060545	0.977298	0.925185	0.907243	0.892837
1.030025	0.973935	1.259743	1.397299	1.472919	1.192903	0.779332	0.943977	1.253188	1.398999
1.775007	1.193337	1.676412	0.835217	1.135351	1.227201	1.146064	1.142157	1.130188	1.402913
1.401076	0.94133	1.045863	0.920544	0.833561	1.372561	1.089397	1.178257	0.832081	0.744092
0.9255	0.94133	1.641083	1.101481	0.898409	1.625569	0.97578	1.063193	1.062849	0.860083
0.915299	0.781945	1.224547	1.46975	1.487757	1.004474	0.927112	1.168947	1.581444	1.032003
1.42895	1.339954	1.118884	0.852782	1.202924	0.947552	0.876068	1.363141	1.310888	1.061436
0.946651	1.162724	1.070687	0.835217	0.976214	1.071915	1.238114	1.338638	0.820378	1.361678
0.650799	0.808273	1.451628	1.0995	1.155946	1.425539	1.09335	1.244185	0.805925	1.037054
0.933311	0.875556	0.96439	1.165577	1.027111	1.016136	0.968272	1.157583	1.019247	1.032003
1.03831	0.914841	0.802825	1.068962	1.126502	0.726396	1.003938	1.366757	1.141034	1.129147
1.525244	1.103313	0.886162	0.855029	1.008361	0.980492	1.235352	0.852756	1.066534	1.354584
0.841316	1.364576	0.981881	1.072664	1.078848	1.556003	1.232607	0.875583	0.885976	1.199443
0.914041	1.418451	1.398045	0.982362	1.622327	1.149486	0.956523	0.790697	0.706528	1.015578
1.004527	0.987391	1.091238	1.136634	1.115688	1.182873	1.111599	0.774614	0.773647	1.083482
1.112964	0.935901	0.889756	1.617476	1.336371	1.550189	1.216492	1.185372	1.002963	0.952665
1.110982	1.398434	1.170802	1.146473	1.122144	1.107926	0.777409	1.230705	1.270595	0.947123
0.812531	1.574525	1.350353	1.121814	0.740533	0.762518	0.787109	0.981193	1.33768	1.25728
0.761887	0.907199	1.16623	0.846112	0.756116	0.916936	0.90597	1.015382	1.220338	1.277424
1.360596	0.918712	0.98337	0.800094	1.210829	1.192903	1.010452	1.363141	1.031021	0.78952
1.260605	1.095452	1.039024	1.145336	1.401357	1.144919	0.797031	1.050738	0.984194	0.878496
1.397236	1.093509	1.014294	1.050912	0.801323	1.060545	0.858374	0.98269	0.985728	1.307927
1.298495	1.210761	1.307384	0.815241	0.716026	1.425539	1.005558	0.817532	1.079683	0.96973
1.05537	1.147092	1.386566	1.111529	1.025373	1.282768	1.020408	0.786859	0.757003	0.765306
0.983382	0.84716	1.409837	1.574097	1.570657	1.016136	0.99277	1.241455	0.806941	0.916558
1.167958	0.827807	1.421958	1.174885	0.974668	1.099662	1.007183	1.30587	1.121702	1.277424
1.074944	0.834163	0.967257	0.900081	1.158296	1.192903	1.07204	1.654908	1.465252	1.307927
1.101205	1.259066	1.03229	0.89635	1.163034	1.544452	0.995932	1.12103	0.985728	1.065033
1.023508	0.960884	1.180092	1.263271	1.19516	0.997948	0.928469	0.679864	0.748914	1.141894
1.177073	1.336547	1.379078	1.312037	1.7052	0.918282	1.012095	0.854985	1.101185	0.940293
1.260605	1.364576	0.992419	1.068962	1.061537	0.789719	0.977298	1.093078	1.355305	0.9982
1.163471	1.294538	0.953109	0.937911	1.264542	0.760639	0.807186	1.02685	1.177682	1.106708
0.910287	1.43092	1.067052	1.0202	1.17511	1.069999	0.974268	0.767246	0.871567	1.340734
1.041669	1.194243	3.447263	1.105472	0.995215	1.241148	1.219137	1.331883	1.385083	1.02044
1.277683	1.343387	1.110804	0.960285	1.039479	0.969738	1.931905	1.815079	1.253188	0.819248
1.320355	0.996599	0.86748	1.17254	0.967017	1.05497	1.222024	1.28432	0.908528	0.93894
0.883709	0.846062	1.157229	1.206593	1.151284	1.425539	1.159728	0.921262	0.94752	1.106708
0.871006	0.833097	1.131293	0.954582	0.787059	1.066193	1.051726	1.220214	1.017591	1.28038
1.015498	0.988912	0.852871	0.943397	0.92788	0.885827	1.059003	1.46403	1.404788	0.928263
1.255058	0.843874	0.927436	2.14807	1.332835	0.931974	1.126342	1.182987	1.093243	0.701403
1.152454	1.160456	1.070687	1.030198	1.325848	1.118483	0.791051	0.93448	1.192263	0.958279
1.023508	1.435157	1.245866	0.846112	0.977766	1.147197	0.88213	1.180616	1.270595	1.33734
0.917827	0.958036	1.061657	0.985392	0.8757	1.246855	1.224475	1.776102	1.061019	0.879673
1.023508	0.802283	1.259743	1.335224	1.025373	1.195448	1.409081	1.002636	0.995044	0.93894
1.076768	1.017246	1.13551	1.688088	1.546958	1.019526	0.818636	1.195045	1.2048	1.146228
1.20809	1.190904	1.647923	1.293102	2.299364	1.298655	0.945083	1.281327	1.123808	0.996654

1.441467	1.040637	1.336674	1.042161	1.046708	1.172681	1.792558	1.57761	0.801882	1.166282
0.871006	0.93054	1.683836	1.091662	0.876931	1.573927	0.931194	1.03863	1.034445	0.949885
0.94395	1.36821	1.538778	1.224676	1.255607	0.826306	0.748644	1.209971	1.324077	1.182546
2.571801	1.345697	1.493021	0.903845	1.987388	1.135927	1.252196	1.893038	1.267024	1.470884
1.290503	1.323183	1.141912	0.977856	2.003582	1.879864	1.52808	2.50999	1.177682	1.074155
1.257823	1.448122	1.370532	1.308823	1.358214	1.556003	1.500156	1.209971	0.993477	1.033816
1.123013	2.165004	1.41788	2.105954	1.261543	0.943248	1.097339	2.053553	1.30444	1.020479
1.223189	1.411415	1.22978	1.229984	1.245763	1.961024	1.52091	1.543575	1.537374	1.657589
1.40495	1.680329	1.614755	1.015286	2.05614	1.383337	1.532243	1.531173	1.530103	1.580107
1.22834	1.499275	1.557015	2.339464	1.177557	1.325449	1.642812	2.888186	1.187348	1.718173
0.993825	1.479969	1.528145	2.015677	1.267561	1.087552	1.782737	1.170069	1.178709	1.378506
1.310851	2.239637	1.288901	1.278231	1.373411	2.244564	1.15279	1.16143	1.168175	2.257393
2.352244	1.484716	1.114825	1.229405	1.214236	1.218028	1.221369	1.222813	1.284156	1.166282
1.313996	1.391768	1.259743	1.199067	1.221821	1.219924	1.773132	1.345499	1.385083	1.41085
1.188742	2.598659	1.46954	1.260397	1.453893	1.5332	1.309104	1.327301	1.264715	1.509325
1.084141	0.926561	1.426074	1.461717	1.519045	1.892381	1.27271	1.102856	1.569499	1.262941
1.236184	1.089649	1.161706	1.56246	1.529996	1.519045	1.510409	0.908435	1.366234	0.974103
1.568386	1.259066	1.291927	1.405486	1.519045	1.844344	1.057173	0.794569	1.152158	1.068661
1.490719	1.072689	1.170802	1.580035	1.005037	1.282768	1.537153	0.960758	1.575431	0.921722
1.001442	1.353852	2.33332	1.097527	1.028857	1.227201	1.266055	1.669242	1.504002	1.093009
0.749667	0.950997	1.141912	1.103472	0.985611	1.118483	1.249343	1.846793	1.233725	1.070486
0.776287	0.779115	0.993945	0.902587	0.949186	1.258499	1.015401	1.228058	1.066534	1.017193
0.89199	0.827807	0.884971	0.997729	0.78506	1.069999	0.868904	0.905914	1.233725	1.376224
0.89199	0.851581	0.98337	0.843911	0.860008	1.129303	0.836949	0.850538	1.557874	1.192121
0.725399	0.907199	0.957305	0.763021	0.888169	0.810247	0.980348	0.93448	0.837507	0.790479
0.701643	0.73195	0.888555	0.722178	0.995215	0.753202	0.876068	0.965057	0.794897	0.80811
0.80857	0.642354	0.887357	0.997729	0.922371	0.727263	0.734512	0.839614	1.043123	1.12498
0.749667	0.598659	0.637031	0.665499	0.745059	0.813411	0.725907	0.748482	0.930958	0.771693
0.588935	0.675119	0.629038	0.660433	0.635474	0.698703	0.787109	1.030184	0.696943	0.775386
0.536898	0.483762	0.579207	0.680306	0.733389	0.681958	0.630656	0.667352	0.675367	0.826487
0.501957	0.516901	0.639053	0.449701	0.464674	0.564753	0.54747	0.721361	0.615754	0.639561
0.484786	0.426307	0.469997	0.423493	0.447371	0.514079	0.499387	0.688918	0.525543	0.452851
0.531136	0.451646	0.447263	0.492485	0.420701	0.523209	0.514831	0.5293	0.454488	0.494974
0.478287	0.43261	0.463637	0.515569	0.451517	0.50306	0.428178	0.427622	0.548501	0.476419
0.473248	0.487589	0.485368	0.46825	0.436953	0.530322	0.385294	0.39698	0.505769	0.479223
0.570318	0.526252	0.410236	0.452813	0.459929	0.450424	0.435974	0.414456	0.428603	0.453292
0.983382	0.778176	0.581567	0.414416	0.536634	0.525931	0.477685	0.417302	0.366042	0.50431
0	0	0.207208	1.290025	1.103058	1.219042	1.409081	0.987212	1.075886	1.344155
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0	0	0.502348	1.469557	0.520265	0.260132	0	0	0	0
0.985503	1.176932	1.004696	1.04053	1.338666	1.14076	1.497007	0	0	0
0.729755	0.631037	1.081228	0.953386	1.034871	1.012304	0.805554	1.547732	0	0
0.931685	0.928756	1.059466	0.946514	0.866901	0.792057	0.763668	1.006183	1.071024	0.535512
1.023286	1.325518	0.897469	0.830015	0.892776	0.753984	1.098414	1.135864	1.597142	1.544869
0.681498	0.43319	0.234571	0.470321	1.073522	1.419661	0.645373	1.070676	1.042938	1.483657
0.121696	0.097182	0.094193	0.452912	1.236617	0.536761	0.26838	0.919607	1.112649	1.409484
-0.10454	0.248884	0.580016	0.804701	1.169808	1.055792	0.796277	1.091643	1.460755	0.900859
0.382359	0.666198	0.852384	0.816668	0.970902	1.706594	1.140682	1.235957	1.070638	0.868521
0.879061	1.044882	0.852384	1.32737	1.412227	1.035474	1.25077	1.151025	0.850899	1.153375
1.055719	0.984471	0.989377	1.086943	1.077212	0.845706	0.77354	0.819198	0.73902	0.987241
1.028249	0.791889	0.884271	0.69262	0.746081	0.662168	0.685885	1.135864	0.782929	0.820494
1.077526	0.912958	0.811543	0.613631	0.743495	0.910739	0.829663	0.932308	0.791868	0.720347
0.95214	1.158342	0.796803	0.906179	0.866901	0.905667	0.757501	0.795233	0.687153	0.680395
0.807426	1.186535	0.800685	0.998602	0.98867	0.788192	0.704838	0.86347	0.894394	0.791515
0.779338	0.871086	0.916136	0.659	0.843562	0.912017	1.041008	0.858947	0.947017	0.900859
0.847217	0.692622	0.811543	0.72659	0.973813	0.717344	0.977057	0.826444	0.556099	0.725298
0.915988	0.72577	1.00314	0.901237	0.882004	0.965015	1.011766	0.747444	0.791868	0.863929
0.996188	1.046637	1.075685	0.961778	0.757468	0.823237	0.885823	0.856703	1.096162	1.081776
1.079393	1.121297	0.716741	0.816668	0.778375	0.675319	0.977057	0.785625	0.759953	0.806262
1.157065	0.841586	0.859023	0.904938	0.912613	1.028727	0.862927	0.769764	0.76276	0.847127
0.897132	1.160623	1.006258	0.792098	1.082808	1.153956	0.699447	0.876159	1.008556	1.074297
1.351394	1.050169	1.038741	0.803718	0.724989	0.888366	0.853004	0.947214	1.288992	0.929113

1.36563	0.87344	0.822679	1.01906	0.658673	0.805862	1.124092	0.986126	1.145357	0.862788
0.881428	0.836136	0.874919	0.916235	1.19824	0.869402	0.943574	0.914049	0.998751	0.832012
0.852735	0.907817	0.981915	0.682109	1.082808	0.84461	0.739507	0.911502	0.907291	1.087471
0.760075	0.972445	0.996969	0.863604	0.858981	0.943859	0.911239	0.947214	0.828494	1.020328
0.8996	0.769022	1.05071	0.889123	0.788741	1.216282	0.974166	0.869192	0.816647	0.645879
0.793639	0.890289	1.102183	0.842711	0.850103	0.878781	0.85083	0.723736	0.947017	0.734525
0.904577	1.138337	0.935643	0.794974	1.002489	0.842424	0.727913	0.85447	1.020283	0.88981
1.00556	1.009571	1.055942	0.912437	1.0249	0.988779	0.938236	0.964079	0.890598	0.848228
0.872038	0.680342	0.984884	0.861357	1.048531	1.089723	1.447158	1.222759	0.760887	0.827788
0.781218	0.728298	1.100236	0.994015	0.966572	0.798905	0.659968	0.944465	0.875739	0.749182
0.962025	0.998411	0.983397	0.992496	0.972355	0.594346	0.736997	1.097197	1.078333	1.028592
1.161564	1.051946	1.00314	0.730718	0.868044	0.811915	1.070558	1.458629	1.035841	1.503118
0.734805	0.920785	0.980438	0.77157	1.059066	1.193681	0.857386	0.974229	0.713149	0.730307
0.640108	0.750845	1.03039	0.825864	0.803288	0.767529	0.903825	1.076289	0.663372	0.660643
0.996188	0.875808	0.808555	0.979064	0.95523	0.65503	0.898951	0.999913	1.200846	0.877854
0.994645	0.853823	0.728963	0.895138	0.847912	0.965015	1.022905	0.783729	0.805114	1.146753
0.691342	0.934152	0.749264	0.787347	1.066234	0.778678	0.783641	0.81207	0.683228	0.949488
0.781218	0.936876	0.848014	0.875018	0.666519	0.604309	0.79973	0.767936	0.827404	0.935799
0.975075	0.916854	0.8268	1.056041	0.660089	0.627599	0.905052	0.921781	1.037604	1.013828
0.8996	0.820184	0.73145	0.766136	0.834991	0.859088	1.049492	0.861203	0.804081	0.880219
0.762775	0.814994	0.715137	0.960368	0.874968	0.726427	0.756627	0.726215	0.574563	0.817405
0.918565	0.919471	0.754491	0.711251	0.641351	0.611934	0.687371	0.699693	0.622098	0.959334
0.765492	0.617733	0.809548	0.680628	0.750425	0.758452	0.739507	0.84131	0.905984	0.829895
0.740771	0.665466	0.682011	0.75023	0.781177	0.716528	0.674898	0.639372	0.824149	0.704239
0.775602	0.727454	0.665992	0.729889	0.752175	0.619696	0.665595	0.581638	0.558438	0.651444
0.562409	0.653921	0.619272	0.565128	0.525743	0.559465	0.860702	0.65316	0.640117	0.6789
0.541844	0.528612	0.585326	0.542498	0.598685	0.621003	0.592167	0.734582	0.670143	0.552339
0.572777	0.59167	0.525521	0.572556	0.825546	0.683556	0.542508	0.563602	0.626191	0.583527
0.622762	0.631037	0.637629	0.731548	0.855631	0.594346	0.582121	0.536002	0.59576	0.768914
0.495059	0.611876	0.593718	0.641089	0.727466	0.534089	0.648247	0.617538	0.653044	0.763443
0.591842	0.589209	0.64302	0.727412	0.76825	0.643849	0.593365	0.78753	0.785888	0.594441
0.750316	0.671355	0.631643	0.786403	0.746946	0.735704	0.664888	0.742254	0.759022	0.639021
0.74163	0.673585	0.733115	0.690346	0.670133	0.729777	0.677073	0.680626	0.732844	0.667854
0.582801	0.624334	0.776052	0.676948	0.657967	0.727262	0.859594	0.752697	0.779014	0.682646
0.644899	0.535605	0.770561	0.679153	0.973813	0.778678	0.777186	0.738827	0.841798	0.797354
0.836387	0.814994	0.927735	0.764339	0.873807	0.739127	0.739507	0.735428	0.783913	0.85377
0.784053	1.0484	0.785362	0.757227	0.853411	0.865937	0.709513	0.798157	1.025407	0.776318
0.726421	0.802786	0.752742	0.992496	1.19337	1.109424	0.977057	0.878506	0.839552	0.832012
0.747692	0.775568	0.76067	0.90001	0.857862	0.805862	0.866285	0.896527	0.685579	0.794425
1.045213	0.919471	0.871464	0.72659	0.799361	0.791088	0.755754	0.761596	0.678565	0.814337
1.016757	0.900218	0.76067	0.721687	0.907568	0.988779	0.870804	0.962649	0.760887	0.732833
0.706144	0.777457	0.776052	0.93841	0.944178	0.60747	0.897741	0.816129	0.815586	0.750939
0.697513	0.848218	0.807563	0.863604	0.845731	0.641784	0.964197	0.901462	0.93709	0.946716
0.910879	0.884196	0.865764	0.690346	0.731627	0.656449	0.856287	1.04239	1.051977	1.052603
0.934358	1.127609	0.783484	0.836317	0.896427	0.788192	0.771728	0.996811	0.760887	0.844936
0.68753	0.871086	0.830961	0.908671	0.840328	0.794979	0.868539	0.692732	0.7408	0.922528
0.566411	0.821229	0.863506	0.929141	0.70174	0.76206	0.901381	0.761596	0.805114	0.877854

0.630016	0.965094	0.836218	0.873863	0.737521	0.653617	0.854096	0.798157	0.815586	0.70266
0.806427	0.814994	0.746674	0.66824	0.864624	0.679792	0.860702	0.802087	0.697527	0.770753
0.95214	0.796808	0.864634	0.736564	0.778375	0.80787	1.022905	0.65316	0.743485	1.121234
0.86058	0.797799	1.061238	0.93841	0.749553	0.773068	0.877671	0.785625	0.880636	0.886188
0.778401	0.743782	0.836218	0.879669	0.758356	0.791088	0.868539	1.001472	1.127607	0.775385
0.836387	0.716626	0.739842	1.061337	0.900109	0.868244	1.065195	0.93902	0.836205	0.760733
0.883807	0.865255	0.79874	0.889123	1.029857	0.967916	0.735331	0.937669	1.092136	0.682646
0.764584	0.923426	0.722402	0.793055	0.761928	0.818054	0.733671	0.971305	1.261508	1.061511
0.937046	0.779354	0.73395	0.871562	0.820386	0.892016	0.86967	1.052812	1.037604	1.178554
0.756501	0.859502	0.883091	0.864732	0.81732	1.05995	0.859594	0.746575	0.863733	0.873163
0.744218	0.768095	0.907325	0.914965	0.95523	0.837009	0.895331	0.689674	0.763699	0.840585
0.982498	0.922103	1.035382	0.785461	1.062635	0.79012	0.974166	0.895302	0.944157	1.09131
0.879061	0.949348	0.852384	0.675485	0.89399	0.712469	0.876519	0.833813	0.719898	1.113051
0.7022	0.785094	1.012563	0.765237	1.060847	1.020438	0.706391	0.776225	0.710645	0.775385
0.733115	0.804797	0.808555	0.852483	0.76825	1.002741	0.815437	1.051058	0.863733	0.81638
1.026589	0.876996	0.715137	0.892722	0.751299	0.737412	1.008636	0.923083	1.015218	1.056144
0.994645	0.932797	0.87957	0.812642	0.895207	0.890796	1.019693	0.729543	0.772247	1.123305
0.785002	1.620177	0.89022	0.721687	1.086578	0.710855	0.781787	0.784676	0.802021	1.107013
0.848315	1.119214	0.789142	1.001687	1.126202	0.791088	0.864043	1.058118	1.037604	1.127475
1.036648	0.89275	0.687985	1.042226	1.057292	1.089723	1.106154	1.207433	1.018588	0.962189
0.90583	1.037931	0.827836	0.961778	1.1367	1.340809	1.000906	0.90395	1.195729	1.233767
0.99005	1.029788	1.096367	1.106203	1.25297	0.887156	0.871941	0.914049	0.986012	1.367465
1.021645	1.767836	1.289624	1.193126	0.874968	0.934328	1.501835	1.10904	1.118996	1.616146
1.204307	1.125495	1.027094	1.469557	1.031522	1.113474	1.061656	1.233285	1.175845	0.95368
1.135241	1.165221	0.809548	1.277866	1.261384	1.292136	0.913739	1.010947	1.005263	0.822565
1.320974	1.390286	1.015751	1.705202	1.147458	1.038887	1.122061	0.680626	0.810318	1.074297
1.320974	1.732305	1.301814	0.908671	0.879646	1.13218	1.229508	0.718819	1.193193	1.129575
1.068306	0.962188	1.006258	0.80176	0.796439	0.874066	0.890551	0.949979	1.106393	0.898379
0.745084	0.690293	0.899912	0.903701	0.970902	0.927646	0.538791	1.032212	1.080278	0.736224
0.865127	0.749068	0.961679	1.132591	1.284651	1.203581	0.676347	0.84784	1.059345	0.916042
1.525669	1.275079	0.927735	0.896351	0.863489	1.007496	0.833815	0.930978	1.308332	1.160098
1.066486	1.147115	0.91741	0.596245	0.678192	0.930306	0.903825	1.035579	1.041153	1.081776
1.045213	0.799787	0.811543	0.780781	0.860104	0.799892	0.894131	0.96985	0.753475	0.70503
0.908347	0.912958	0.909824	1.094545	1.105939	0.806865	0.754884	1.04757	0.872102	0.834139
1.120591	1.119214	1.066599	0.956165	0.965138	0.862499	0.758376	1.445406	1.059345	1.465031
0.921158	1.346052	0.836218	0.827935	0.93741	0.959272	0.881146	1.105056	0.812418	0.860516
0.777466	0.885408	0.827836	0.923933	0.969454	0.982715	0.967022	0.775296	0.65744	0.744819
0.613701	0.79582	1.028739	1.233432	1.63848	0.990308	1.022905	0.7809	0.814527	0.867369
0.949356	1.375035	1.108078	0.953386	0.946914	1.054587	0.878827	1.078149	1.030592	1.121234
1.500276	1.309117	0.843687	0.995538	0.99938	0.984223	0.979968	1.068929	1.308332	0.910921
0.851626	0.968019	0.775132	0.882013	0.921585	0.878781	1.171335	0.940375	0.97978	1.125385
0.704562	1.201348	1.193027	1.063117	1.005621	0.841336	1.175896	0.81207	0.79895	1.123305
0.743354	1.196354	1.160588	0.990983	1.0468	0.876417	0.962791	0.801101	0.975164	0.99955
1.148203	0.826495	0.943697	0.921352	1.031522	0.868244	1.041008	0.866894	0.7408	1.005838
1.254512	0.911667	1.090628	0.908671	0.862358	0.917164	0.951706	0.824361	0.854362	1.44717
1.071971	1.229893	1.295677	1.171996	0.761032	1.018799	0.95034	0.829587	1.028857	1.142395
0.889813	1.039658	0.849102	0.958962	0.750425	0.784362	1.094595	0.971305	1.080278	0.910921

1.061069	0.898964	0.821654	0.964612	0.824509	0.84025	1.070558	0.848938	0.77707	0.807264
1.070135	1.055522	0.868035	0.892722	0.976744	0.919761	0.940896	0.803075	1.005263	0.934453
0.970682	1.125495	0.940996	0.862479	0.872648	1.078317	0.897741	0.995269	1.011874	1.025267
1.01838	0.902736	0.926431	0.929141	0.810247	0.984223	0.97561	1.153235	0.958647	0.802281
0.785002	0.928756	1.233334	0.983496	0.889156	0.973775	0.810468	0.90395	0.752557	0.554014
0.735652	0.909096	0.954675	0.844864	1.01355	0.904408	1.094595	1.033892	0.836205	0.538085
0.91986	1.208949	1.138817	0.811641	0.965138	0.865937	1.035995	0.871502	1.055645	0.903352
0.877883	0.904001	1.094446	0.798839	0.900109	0.956429	1.046078	1.04239	0.759022	0.934453
0.806427	1.160623	1.197866	0.903701	0.98867	1.051049	0.772633	0.892862	0.948454	0.946716
0.850519	1.138337	1.027094	0.986475	1.140971	0.948009	0.902601	1.30244	0.964581	0.975272
0.83213	1.031089	0.724033	0.925229	1.02326	0.965015	1.01334	1.249569	1.230118	0.988761
0.95214	0.872262	0.747536	0.808653	0.749553	0.861359	0.93035	0.78753	0.863733	0.900859
0.959178	1.113022	0.755369	0.719257	0.885565	0.735704	0.829663	0.858947	0.805114	0.985727
0.903327	0.99216	0.936975	0.935741	0.933399	0.852346	0.977057	0.837011	0.723313	1.325834
0.915988	0.893986	1.130405	1.263486	0.814274	0.818054	0.999377	0.9684	0.835095	0.959334
0.898364	0.999987	0.968798	1.064904	0.940104	0.991843	1.088929	1.012546	1.339059	1.037016
0.765492	1.356696	0.801661	0.876176	1.359457	1.070877	1.011766	0.789443	1.090137	1.215427
0.768226	0.972445	0.825766	0.865863	0.958038	0.883547	0.894131	0.790402	1.010212	1.061511
0.923766	0.641982	0.851287	0.793055	0.754813	0.860222	1.019693	0.84784	0.739909	0.808267
0.785002	0.664006	0.652618	0.658297	0.786838	0.928974	0.836955	0.923083	0.782929	0.687944
0.762775	0.667665	0.73145	0.734886	0.962284	0.82012	0.715825	0.793294	0.816647	0.956498
0.883807	0.79582	0.791045	0.862479	0.739219	0.741712	0.764556	0.862335	0.896943	0.97675
0.809432	0.827555	0.89142	0.666806	0.657262	0.863642	0.834859	0.924389	1.010212	0.912196
0.820633	0.689519	0.709569	0.729062	0.748682	0.737412	0.784571	0.740537	0.616701	0.780068
0.845029	0.750845	0.719967	0.904938	0.882004	0.67755	0.851916	0.751817	0.62414	0.875502
0.950746	0.796808	0.824734	0.76794	0.69631	0.673099	0.805554	0.779024	0.765584	0.939861
0.742491	0.800784	0.939651	0.70106	0.852306	0.871728	0.839061	0.829587	0.79388	0.70266
0.742491	0.748183	0.757129	0.851386	0.80132	0.838087	0.97851	0.986126	0.635892	0.736224
0.689813	0.755319	0.89142	0.902467	0.786838	0.684313	0.870804	0.96985	0.767478	0.955087
0.809432	0.843786	0.833056	0.791144	0.725813	0.728099	0.798767	1.009353	0.852051	1.061511
0.825821	1.083321	0.75187	0.747634	0.81125	0.773998	0.881146	1.009353	0.804081	0.859385
0.795582	1.021025	0.833056	0.866997	0.832874	0.912017	1.104206	0.848938	0.794889	1.19293
0.751194	1.278065	1.100236	1.028838	0.809246	0.832725	1.136475	0.804066	0.76653	0.991816
0.705352	0.915551	0.914867	0.815658	0.776516	0.730619	0.838006	0.868042	0.885589	0.811292
1.124727	0.932797	0.621847	0.776151	0.774666	0.75666	0.829663	0.917898	0.794889	0.781955
0.972141	0.955008	0.733115	0.780781	0.843562	0.908196	0.761014	0.726215	0.763699	0.824647
0.720648	0.876996	0.859023	0.879669	0.71845	0.841336	0.807513	0.625352	0.747997	0.949488
0.770058	1.011189	0.866898	0.828974	0.742637	0.744313	0.795891	1.006183	0.881869	0.874331
0.92639	0.821229	0.813546	1.063117	0.819362	0.769368	0.905052	0.919188	0.836205	0.780068
1.204307	0.719101	0.857909	1.072126	1.034871	0.955014	0.877671	0.759802	0.839552	0.993352
1.057495	0.853823	1.007826	0.847027	0.804275	0.962134	0.719016	0.7809	1.050154	1.287847
1.002414	0.931446	1.018961	0.877337	0.824509	0.938387	0.823509	0.868042	0.949895	0.898379
0.751194	0.769951	0.797771	0.806673	0.676715	0.832725	1.041008	0.987637	0.982885	0.71061
0.71657	0.707669	0.708779	0.868134	0.740071	0.834861	1.035995	0.81207	0.828494	0.886188
0.784053	0.864098	0.832007	0.773397	0.829718	0.746055	0.849747	0.791364	0.954249	0.818432
1.021645	0.931446	0.821654	0.709668	0.788741	0.755766	0.796847	0.786576	0.924652	0.786709
1.24345	0.914253	0.772384	0.90001	0.733303	0.768447	0.868539	0.806053	0.817711	1.023614

0.838532	0.820184	1.063018	0.897567	0.810247	0.941114	0.93035	0.838081	0.695111	0.933112
0.769141	0.970965	1.108078	0.877337	1.033193	0.901901	0.712657	0.96985	0.778041	0.851545
0.887401	0.912958	0.932991	0.794974	0.963708	0.84025	0.848666	0.966955	0.982885	0.832012
1.023286	0.728298	0.862381	0.795937	0.984159	1.00432	1.005527	0.916611	0.785888	0.838426
0.74163	0.857221	1.090628	0.800784	1.101997	1.093592	0.946267	1.067109	0.854362	0.987241
0.743354	0.984471	0.844765	0.747634	0.910083	0.766613	0.798767	0.87499	0.866108	0.967955
0.830017	0.989068	0.806574	0.88319	0.84682	0.748682	0.905052	1.087568	0.944157	0.9481
0.858324	0.799787	0.864634	0.772482	0.806257	0.813952	0.843304	0.750063	0.944157	0.914756
0.689813	0.787993	0.857909	0.830015	1.045075	0.833792	0.883479	0.716382	0.840674	0.707413
0.873201	0.936876	1.033711	0.94925	1.064431	0.777738	0.885823	0.902704	0.821992	0.722815
1.124727	1.05373	0.692521	0.871562	0.807251	0.777738	1.011766	1.035579	0.894394	0.987241
0.787862	1.07951	0.658199	0.75811	0.807251	0.824281	0.784571	0.739681	0.832884	0.83735
0.757392	0.779354	0.728138	1.017452	0.822443	0.871728	0.730372	0.741394	0.931518	0.716263
0.849416	0.862945	0.89142	1.116164	1.041647	0.908196	0.745423	0.685127	0.973636	0.88981
0.981003	1.031089	1.147395	0.961778	0.926796	0.860222	0.804578	0.801101	1.288992	1.401536
1.289499	0.919471	0.852384	0.793055	0.832874	0.87524	0.870804	0.856703	0.924652	0.934453
1.114461	0.808847	0.719158	0.772482	0.882004	0.88595	0.788312	1.058118	0.874524	0.707413
1.199345	0.938244	0.756248	0.75459	0.799361	0.927646	0.752283	0.868042	0.826316	0.884988
0.95214	0.946545	1.000043	0.736564	0.838185	1.032087	0.827602	0.911502	1.110553	1.303273
0.950746	0.927417	1.079373	0.875018	0.911346	1.099462	1.182828	1.054574	0.883105	0.94259
0.895904	0.889063	1.169612	1.263486	1.220857	0.912017	1.016505	1.305574	1.034084	0.918625
0.885002	0.972445	1.220332	0.890319	0.892776	0.868244	0.796847	1.432573	1.52633	1.579047
1.015139	0.970965	0.794875	0.725769	0.803288	0.818054	0.873081	1.645963	1.387671	1.188085
0.772821	0.94376	0.72567	0.920067	0.970902	1.069036	1.23211	1.007765	0.890598	0.997992
0.853847	0.891517	0.856798	1.149665	0.963708	0.7768	1.180505	0.84784	0.79388	1.123305
0.828964	0.931446	1.000043	1.020674	0.778375	0.628264	0.853004	0.822289	1.023692	0.956498
1.052189	1.011189	0.837277	0.896351	0.951052	0.691952	1.166821	0.937669	1.025407	0.84933
1.17535	1.160623	0.654006	1.241425	1.631784	1.211157	1.182828	0.917898	0.835095	0.804267
0.758284	0.869913	0.756248	1.136797	1.335296	1.399547	1.149222	0.714765	0.941317	1.241871
0.54076	1.016079	0.998503	1.028838	0.922882	0.909466	0.929049	0.864609	0.902086	1.215427
0.666776	0.942375	0.817581	0.702612	0.815287	0.689646	0.873081	1.012546	1.015218	0.782901
0.879061	0.49082	0.591304	0.897567	0.985658	0.842424	1.007079	0.9052	0.836205	0.701087
0.885002	0.67284	0.668142	0.869274	1.107923	1.00432	0.913739	0.801101	0.938494	0.832012
0.759179	0.887841	0.895039	0.685086	0.753053	0.888366	0.718216	0.861203	0.995531	0.99955
0.66031	0.63239	0.684242	0.803718	0.782116	0.811915	0.806532	0.990673	0.886836	0.937149
0.711727	0.735112	0.756248	0.908671	0.679673	0.679044	0.790194	0.738827	0.695915	0.732833
0.615627	0.781259	0.695571	0.68434	0.62014	0.592503	0.606758	0.62404	0.719049	0.760733
0.669681	0.612523	0.558283	0.519967	0.770988	0.696602	0.650293	0.642095	0.794889	0.743952
0.731432	0.571184	0.515296	0.501963	0.806257	0.818054	0.830697	0.69504	0.718201	0.870836
0.653237	0.730841	0.630983	0.584832	0.884375	0.881157	0.764556	0.763398	0.814527	0.795399
0.713335	0.737695	0.756248	0.715235	0.69631	0.647312	0.884649	0.9052	0.791868	1.117123
0.792671	0.730841	0.61799	0.711251	0.591965	0.632276	0.828632	1.065296	1.037604	0.923837
0.848315	0.75442	0.685735	0.714436	0.926796	0.876417	0.923886	0.959801	1.098189	0.810281
0.711727	0.81191	0.770561	0.79981	1.218285	1.196135	0.870804	0.708355	0.879407	0.776318
0.702986	0.901475	0.872612	0.759881	0.842481	0.834861	0.814439	0.657383	0.712313	0.900859
0.983998	0.839398	0.795838	0.970335	0.813264	0.698162	1.019693	0.759802	0.913886	0.970867
0.836387	0.805806	0.726491	0.942443	0.820386	0.843516	0.913739	0.901462	1.180731	0.782901

1.010323	0.959302	0.968798	1.414141	0.879646	0.850121	0.727913	0.719635	0.907291	0.835207
0.987014	0.919471	0.911079	1.075783	0.877301	0.733154	0.761014	0.720452	0.765584	0.841668
1.177691	0.758931	0.893829	0.761659	0.734143	0.876417	1.027768	0.911502	0.894394	0.985727
0.947971	0.758931	0.727314	0.830015	0.928109	0.906929	0.940896	1.244073	1.048339	0.782901
1.148203	0.798792	0.976036	1.047355	0.958038	0.824281	0.676347	0.878506	1.050154	1.19293
0.970682	0.920785	0.970236	0.966035	0.851203	0.931643	0.787374	1.040677	1.110553	1.478925
0.851626	1.003158	1.03039	0.699513	0.907568	1.022083	0.85519	1.467673	1.021984	0.782901
0.858324	0.771815	0.859023	0.995538	1.021627	0.818054	0.883479	0.906453	0.819846	0.810281
0.909611	0.779354	0.832007	0.848113	0.832874	0.747805	0.898951	0.7716	0.773208	0.865072
0.913426	0.801784	0.907325	0.759881	0.774666	0.782459	0.798767	0.88443	1.353445	1.117123
0.807426	0.850452	0.825766	0.758994	0.959449	0.801873	1.068763	1.101108	1.044731	0.950881
0.891025	1.091045	0.884271	0.831059	0.99938	1.138599	1.090809	0.885625	0.751641	0.887392
0.915988	0.931446	0.946416	0.960368	0.884375	1.153956	1.273127	0.733738	0.747091	1.166928
0.99005	1.055522	0.957463	0.913699	0.858981	0.775864	0.947621	0.915328	0.944157	1.142395
1.002414	0.869913	0.832007	0.934413	0.975276	0.853462	1.051209	0.978652	1.230118	1.072447
0.925076	0.652499	0.76156	0.854684	0.960864	1.076445	1.085192	0.88443	1.001995	0.825691
1.041767	0.825436	0.863506	0.832106	0.849006	1.103419	0.939564	0.956972	1.021984	0.848228
1.295614	1.232584	1.114054	0.892722	0.80132	0.853462	0.827602	0.940375	0.859022	0.768914
0.885002	0.891517	1.006258	0.841639	0.776516	0.994929	1.010198	0.948594	0.76276	0.9481
0.842853	0.812935	1.017353	1.292739	0.933399	0.919761	0.882311	0.818172	0.788868	0.771676
0.84394	0.970965	0.99544	1.165175	1.124133	0.829539	0.730372	0.761596	0.905984	0.841668
0.903327	1.129734	1.165077	0.755467	0.942815	0.707647	0.879985	0.756235	0.860195	0.99955
0.733959	0.890289	0.936975	0.788293	0.919002	0.79792	1.104206	0.958384	0.731969	0.870836
0.630016	0.755319	0.837277	0.822777	0.791612	0.953604	1.112051	0.948594	0.880636	0.899617
0.983998	0.978416	0.775132	0.860238	0.831819	0.687352	0.935591	1.142297	1.011874	1.072447
1.000849	1.027709	0.762452	0.909923	0.922882	0.708447	0.803604	0.975698	0.792873	0.842755
0.869722	0.837221	0.797771	0.840569	0.975276	1.033777	0.866285	0.675435	0.896943	1.178554
0.858324	1.014443	0.914867	0.860238	1.048531	0.901901	0.761014	0.676912	0.7849	0.95368
0.8996	0.827555	0.973127	1.217876	0.946914	0.834861	0.907516	0.876159	0.893125	1.127475
1.043487	0.745537	0.945054	1.195538	1.002489	0.930306	0.965607	1.355533	1.041153	1.2003
0.867418	0.817063	0.873764	1.266324	0.948289	0.990308	1.011766	1.015762	1.168617	0.877854
1.020009	0.838308	0.839404	1.061337	1.084689	0.906929	0.97561	0.983121	1.082232	0.931775
0.957761	1.014443	1.054191	0.893928	0.715217	0.874066	0.965607	0.768849	1.100225	0.965062
0.8862	1.009571	1.183509	0.945153	0.833931	0.893239	1.051209	0.745707	0.997138	0.913474
0.967777	0.98753	0.963094	0.849201	1.082808	0.881157	0.871941	0.993731	0.930136	0.775385
1.083153	0.946545	0.998503	0.971778	0.883188	0.941114	0.812449	1.129525	0.842925	1.023614
1.230006	1.081411	0.823705	0.834206	0.724989	0.918461	0.777186	1.436809	1.267467	1.319267
0.979514	1.186535	0.92513	0.696436	0.752175	0.952198	0.920053	0.96985	0.899507	0.792483
0.852735	0.896468	0.968798	0.901237	0.901344	0.994929	1.361911	0.821256	0.759953	0.808267
0.830017	0.993714	0.984884	1.102282	1.045075	0.800881	0.897741	0.886823	1.084195	1.218
1.096573	1.198844	1.277768	0.909923	1.005621	0.773068	0.777186	0.902704	1.088147	1.123305
1.062867	0.792868	0.90484	1.022295	1.200696	0.931643	0.991809	0.930978	0.872102	1.148949
0.885002	0.862945	1.13459	1.050809	0.949669	1.13218	1.022905	0.861203	0.905984	1.649684
0.870879	1.224562	1.295677	1.094545	1.021627	0.935677	1.248055	1.006183	0.896943	1.109016
0.960599	0.952169	0.778824	0.979064	1.068044	0.899409	0.947621	1.076289	0.95571	0.844936
1.092696	0.827555	0.824734	1.171996	1.181429	0.789155	1.046078	0.821256	0.814527	0.880219
0.910879	0.838308	0.877239	1.075783	0.865761	0.832725	0.908754	0.794263	1.053807	0.963623

1.133118	0.979922	1.020576	1.000142	0.84682	0.979715	0.831734	0.843476	0.960123	1.101057
1.085045	0.896468	0.971679	0.974678	0.831819	0.883547	0.876519	0.885625	1.129786	0.840585
1.199345	0.852696	0.854586	1.01906	0.828671	1.09554	0.962791	1.105056	1.00037	0.76617
0.914705	0.91816	0.885455	0.94925	0.826585	0.994929	0.747128	0.971305	1.011874	0.898379
0.909611	0.868744	0.953287	0.873863	1.088476	1.221469	0.719016	0.805058	1.125438	0.938502
0.985503	0.759839	0.871464	0.992496	0.865761	1.018799	0.700981	0.78753	0.829587	0.898379
0.8862	0.902736	0.939651	0.898787	0.972355	1.208617	0.923886	0.949979	0.731969	0.830952
0.953538	1.027709	1.092533	1.042226	0.997834	0.922373	0.93035	0.906453	0.948454	0.806262
0.869722	1.134014	0.90484	1.092632	1.17908	0.828482	0.925171	1.119161	1.213907	0.903352
0.914705	0.94376	0.899912	0.937073	0.857862	0.75221	1.090809	1.035579	1.12328	1.442818
0.972141	1.068274	1.122153	0.852483	0.933399	0.963572	1.516652	0.919188	0.903382	1.197829
0.862847	1.064592	1.063018	0.961778	0.924182	0.869402	0.861813	0.947214	0.904681	0.921223
0.950746	1.083321	0.796803	0.855789	0.930746	0.737412	0.911239	1.171329	0.976697	0.997992
0.887401	0.902736	0.956066	0.879669	0.822443	0.912017	0.97561	1.02391	1.433534	0.962189
0.835319	1.022686	0.837277	0.893928	0.941458	1.00432	1.044381	0.944465	1.010212	0.894686
0.953538	0.963639	0.812543	0.844864	0.66365	0.725593	0.918783	0.906453	0.829587	0.990286
1.079393	0.807831	0.74154	0.853582	0.698629	0.728099	0.990311	0.933643	0.859022	1.160098
0.797534	0.881783	0.784422	0.903701	0.956632	1.063562	0.974166	0.796205	0.99393	0.760733
0.873201	1.108942	0.863506	1.238744	1.190956	1.013919	0.948978	0.902704	1.092136	0.833074
0.809432	1.066429	0.852384	0.898787	0.929425	0.759351	0.906282	0.80705	1.353445	0.969408
1.112437	0.762573	0.970236	0.856897	0.766434	0.853462	1.104206	0.81715	1.110553	0.991816
1.25172	0.713347	0.854586	0.826899	0.976744	0.899409	0.748839	1.028872	0.921935	0.671505
1.029916	0.689519	0.964513	1.03548	1.029857	0.950797	0.724656	0.937669	1.018588	0.774455
0.978029	0.907817	0.884271	1.149665	0.81125	0.959272	0.829663	0.745707	0.942735	0.897144
0.797534	1.138337	0.89142	0.860238	0.99938	1.481505	0.95445	0.941734	1.213907	1.195373
0.808428	0.885408	0.919968	0.997067	0.959449	1.047539	1.002441	1.076289	1.032335	0.871998
0.960599	0.864098	1.0577	0.973225	1.086578	0.959272	1.072361	1.10904	0.752557	0.875502
1.232662	0.962188	1.052447	0.833155	0.905068	0.908196	0.931654	1.012546	0.917892	1.001114
0.858324	0.969489	0.970236	0.794974	0.841403	0.892016	0.974166	1.278144	1.055645	1.162363
0.792671	0.976916	1.037058	0.851386	0.796439	0.941114	1.01492	0.964079	0.835095	0.822565
0.841769	0.972445	1.012563	1.007925	0.77559	0.788192	0.923886	0.842392	0.717355	0.927788
0.868569	1.03279	0.942344	1.283754	1.008775	0.868244	0.672014	0.738827	1.021984	1.207797
0.810439	0.998411	0.872612	0.866997	1.122073	0.913298	0.977057	1.056342	1.027129	1.233767
0.765492	0.924752	0.850193	0.970335	1.075363	0.863642	0.982898	0.9684	0.770333	1.043874
0.903327	1.007959	0.90608	1.190727	0.965138	0.967916	1.085192	0.730378	0.753475	1.382278
0.848315	1.263334	0.869175	0.778923	0.808247	0.741712	0.969866	0.766115	0.692708	0.969408
1.088854	0.901475	0.807563	0.836317	0.758356	0.78151	1.021296	0.932308	0.992335	0.76617
1.088854	0.847106	0.930355	1.120213	0.990184	1.107413	1.047782	0.88443	0.911236	0.749182
0.891025	1.091045	1.114054	1.138915	0.879646	1.083983	0.876519	0.952763	0.958647	1.017066
0.913426	1.353119	1.083092	1.007925	0.779307	0.798905	0.999377	1.260774	1.044731	1.303273
1.007142	0.773688	0.832007	1.04053	0.758356	0.838087	1.216729	1.030539	0.995531	0.858256
1.043487	0.787025	0.691004	0.963192	0.990184	0.912017	1.011766	0.832753	0.761822	0.76435
1.064673	0.911667	0.775132	0.734886	0.934732	0.939749	0.754015	0.78753	0.866108	0.78385
1.372927	0.955008	0.926431	0.901237	0.849006	0.828482	0.721424	0.837011	1.094144	0.991816
1.148203	0.827555	0.951904	0.889123	0.81732	1.138599	0.864043	0.995269	1.076396	1.05437
0.816526	0.784132	0.811543	0.92264	0.829718	0.967916	1.061656	0.951369	0.859022	0.724469
0.891025	0.798792	0.811543	0.823804	0.896427	0.778678	0.817441	0.883239	0.978236	0.78101

1.137375	1.007959	0.893829	0.839502	0.951052	0.718981	0.840118	0.920483	1.00037	0.914756
0.757392	0.759839	1.064805	1.043929	0.929425	0.808878	0.885823	1.260774	0.76653	1.063315
0.718196	0.832898	1.128327	0.908671	1.113931	0.877597	0.712657	1.032212	0.848606	0.923837
0.80543	0.91816	0.856798	0.855789	0.985658	0.738269	0.755754	0.977173	0.697527	0.822565
1.00873	1.108942	0.738995	0.800784	0.916435	0.792057	0.939564	1.085668	0.77417	0.914756
1.016757	0.831824	0.848014	0.746773	0.985658	0.988779	1.03933	0.84784	0.854362	1.087471
0.799495	0.871086	1.009399	0.766136	1.208147	1.012304	0.914995	0.818172	0.844056	0.950881
0.967777	1.00157	0.810544	0.77157	0.921585	0.888366	0.857386	0.890436	0.721602	1.153375
0.908347	1.041393	0.735625	0.860238	0.670133	0.720625	1.100336	1.202442	0.886836	1.164639
1.096573	0.832898	0.744099	0.777073	0.819362	0.701301	1.061656	0.90897	1.104327	0.959334
0.731432	0.818101	0.854586	1.006357	1.07907	0.706052	0.916254	0.837011	1.096162	0.886188
0.783106	0.878188	0.851287	1.112152	0.843562	0.673099	0.785504	0.718006	0.881869	0.825691
1.085045	0.790912	0.715938	1.059564	0.638642	0.758452	1.022905	0.745707	0.710645	0.79055
0.800478	0.710905	0.626391	0.821753	0.689427	0.795957	1.049492	1.09332	0.917892	0.635632
0.810439	0.786058	0.749264	1.023921	0.814274	0.990308	0.832773	0.990673	1.147628	0.887392
1.257323	1.021025	0.953287	1.15846	0.907568	0.851232	0.840118	0.784676	0.876958	0.987241
1.118538	1.144904	1.032048	0.863604	0.93741	0.950797	0.906282	0.709948	1.152205	1.063315
0.894679	0.828619	0.947781	0.902467	0.847912	0.913298	0.909995	0.705975	0.957176	0.848228
0.795582	0.755319	0.953287	0.93975	1.02	0.985736	0.921327	0.889229	0.997138	0.68947
0.939752	0.84489	0.932991	1.094545	0.850103	0.79792	0.800696	0.897755	0.989162	0.861651
0.938397	0.932797	0.839404	0.798839	0.707239	0.939749	0.990311	0.871502	1.044731	0.934453
0.780277	0.741163	0.76067	0.807662	0.895207	1.221469	1.221796	1.220167	1.090137	0.794425
0.80543	0.79385	0.892623	0.79981	0.978217	0.904408	0.969866	1.195062	0.80615	0.753588
1.050434	0.907817	0.981915	0.758994	0.766434	0.780564	0.756627	0.833813	0.727619	0.883791
0.8996	0.97542	0.770561	0.834206	0.770988	0.889579	0.576319	0.872661	0.747091	0.867369
0.868569	1.029396	0.804602	0.802738	0.831819	1.078317	0.737832	0.805058	0.826316	0.946716
0.723937	1.012813	0.998503	0.902467	0.818339	0.79012	0.900164	0.861203	0.799972	0.918625
0.723113	0.904001	1.066599	0.982013	1.140971	0.801873	0.888181	1.033892	0.951342	0.825691
0.721468	0.829685	0.750131	0.836317	0.975276	0.768447	0.86967	1.652907	1.368325	0.990286
0.85608	0.952169	0.794875	0.872711	0.919002	0.878781	0.86741	0.977173	0.987584	1.105018
0.891025	1.142704	1.012563	0.946514	0.827627	1.087801	1.010198	0.850039	0.792873	1.185682
0.86058	1.160623	1.422121	1.088831	0.93207	0.930306	0.938236	0.820226	1.094144	1.049091
0.959178	1.03279	0.90484	0.961778	0.916435	0.77962	0.936911	1.097197	1.037604	0.860516
1.114461	0.852696	0.742391	0.989475	1.018378	0.973775	0.95445	0.896527	0.813471	0.824647
0.854962	0.798792	0.728963	0.890319	0.924182	1.134309	0.943574	0.790402	1.035841	0.934453
0.9357	1.070126	1.038741	0.954773	0.697082	0.894466	1.011766	0.86347	1.244106	1.040431
0.887401	0.840491	0.89142	0.976135	0.651661	0.899409	1.052933	1.056342	1.346192	0.97233
1.01838	0.847106	0.823705	0.995538	0.723345	0.821156	1.151383	1.078149	1.282732	1.070605
0.959178	0.828619	0.792956	0.923933	0.774666	0.956429	0.784571	0.788485	1.276562	0.868521
1.120591	0.911667	1.018961	0.94925	0.944178	0.921065	0.714238	0.730378	1.053807	1.010615
0.966332	0.829685	0.967365	0.838438	0.748682	0.903153	0.769025	0.995269	0.857853	0.877854
0.780277	0.76166	0.908573	0.862479	0.734143	0.934328	0.819455	0.877331	0.921935	0.670773
0.90583	0.946545	0.960269	1.083191	1.02	0.950797	1.047782	1.105056	1.357118	0.785754
0.950746	1.138337	0.981915	0.827935	0.832874	0.88595	1.018096	1.159932	1.185673	0.894686
0.83213	0.931446	1.138817	0.777997	0.822443	1.301444	1.01334	1.252343	0.79388	0.903352
0.801464	0.84489	1.28663	0.79981	0.921585	1.142931	1.049492	1.004607	0.847464	0.859385
0.988529	0.970965	1.009399	1.009498	0.994757	0.753984	0.785504	1.056342	0.857853	0.805264

0.993108	0.875808	0.821654	1.020674	0.970902	0.869402	0.834859	1.04411	0.874524	1.020328
0.705352	0.808847	0.695571	0.859121	0.944178	1.226718	0.957213	0.770681	1.080278	1.028592
0.780277	0.848218	0.860139	0.893928	0.979695	1.193681	0.982898	0.868042	0.898223	0.913474
1.034956	1.041393	1.083092	0.917509	0.882004	0.751325	0.929049	0.989153	0.825231	1.275889
1.122654	1.100897	0.806574	0.933089	0.781177	0.708447	0.951706	1.095254	1.185673	1.57316
0.813472	1.034497	0.744099	0.79981	0.886759	0.879967	1.0965	0.936323	1.161507	1.131686
0.849416	1.05373	0.870318	0.911178	1.060847	0.979715	0.918783	0.737124	0.80615	0.935799
0.930355	1.039658	0.980438	1.092632	0.887956	0.754874	0.85519	0.84784	1.12328	1.339272
1.026589	0.799787	0.87957	1.169711	0.779307	0.760253	0.940896	0.882051	0.923291	1.09909
0.819603	0.823328	0.733115	1.03381	0.913883	0.912017	0.85519	0.828537	0.855523	0.760733
0.92246	1.016079	0.833056	1.066698	1.043358	0.928974	1.011766	0.827489	0.827404	0.820494
0.869722	0.982949	0.889024	0.868134	0.836053	0.859088	0.967022	0.717193	0.966077	0.970867
0.981003	0.710094	0.870318	0.917509	0.838185	0.881157	1.100336	0.990673	1.118996	1.185682
0.956349	0.717449	0.770561	0.964612	0.916435	1.00432	0.793984	0.977173	1.006906	0.789586
1.154832	0.758931	0.748399	1.178926	1.115952	1.289077	0.892935	0.845653	0.812418	0.862788
1.01838	0.907817	0.748399	1.05429	0.925487	1.067204	0.906282	0.79718	0.881869	0.934453
0.873201	0.820184	0.987874	0.945153	0.802303	1.00432	1.03933	0.914049	1.178281	0.883791
0.841769	0.787025	1.020576	0.805686	0.761032	0.879967	0.93035	1.111045	1.042938	0.748305
1.124727	0.860646	0.953287	0.865863	0.901344	0.942485	0.753148	1.103078	0.931518	0.982714
1.260151	0.957866	0.898688	0.873863	0.822443	0.912017	0.793033	0.894081	1.379829	1.035318
0.94659	0.915551	0.983397	0.733214	0.746946	0.998037	0.782713	0.940375	1.505079	1.050843
0.993108	0.993714	1.035382	0.902467	0.760138	0.984223	0.907516	0.85447	0.795901	0.848228
0.889813	0.957866	1.311187	1.132591	0.966572	0.762967	1.059897	1.06349	0.743485	0.861651
0.84394	1.041393	1.4022	0.937073	0.789696	0.82012	0.831734	0.925699	0.890598	0.990286
1.387899	1.181707	0.897469	0.79981	1.122073	1.115513	0.85083	1.087568	1.156832	1.021968
0.949356	0.876996	0.713539	0.697203	0.877301	0.960701	0.890551	0.975698	0.77999	0.834139
0.888605	0.864098	0.814552	0.802738	0.800339	0.728099	0.999377	1.019003	0.771289	1.083666
0.817549	0.923426	1.047257	0.821753	0.911346	0.825327	0.884649	1.074437	1.118996	1.342698
0.793639	0.777457	0.758896	0.705734	1.149642	0.981212	1.007079	1.180667	1.074468	1.135938
0.748565	0.865255	0.655399	0.719257	1.059066	0.969373	1.011766	1.244073	0.896943	0.892241
0.750316	0.781259	0.907325	0.748498	0.786838	0.768447	1.03766	0.890436	0.694308	0.926467
0.827914	1.009571	1.059466	0.931769	0.910083	0.75221	0.934275	0.7809	0.699956	0.842755
0.970682	0.896468	0.930355	0.882013	0.970902	0.811915	0.979968	0.873824	0.986012	0.868521
1.081269	0.89275	0.767841	0.88319	1.373891	0.839167	1.016505	1.019003	0.830683	0.806262
1.040054	0.998411	0.932991	0.957562	1.130371	0.860222	0.909995	0.692732	0.709813	0.939861
0.934358	1.269167	1.474029	1.162925	0.898879	0.862499	0.944918	0.778089	0.694308	0.918625
0.937046	1.235291	1.162827	1.081327	0.993227	0.887156	1.267429	0.983121	0.850899	0.905861
0.903327	0.869913	0.74154	1.020674	0.990184	0.849013	1.219255	1.06349	0.944157	0.95368
0.969227	0.824381	0.706419	0.868134	0.794502	0.852346	0.929049	0.7716	0.864919	1.397615
0.876707	0.804797	0.74154	0.88084	0.727466	0.872895	1.061656	0.705185	0.835095	1.131686
0.780277	0.909096	0.885455	0.869274	0.794502	0.811915	1.108111	0.890436	0.972114	0.809273
0.845029	0.752629	0.813546	0.967464	0.910083	0.853462	1.000906	0.964079	1.028857	0.886188
0.954941	0.912958	0.902369	1.056041	0.958038	0.788192	0.908754	0.900223	0.831782	0.893462
0.8996	0.876996	0.974579	0.855789	1.151837	0.991843	0.731194	0.629312	0.748906	0.749182
1.17535	0.968019	0.849102	0.816668	0.798385	1.051049	0.712657	0.714765	0.823069	0.83735
0.988529	0.866415	0.797771	1.028838	0.678932	0.970835	0.783641	1.010947	1.008556	0.704239
0.91986	0.781259	0.963094	1.128426	1.068044	0.962134	0.890551	0.776225	0.930136	0.645188

0.982498	0.840491	0.91741	0.908671	0.911346	0.841336	0.732018	0.754462	1.003626	0.815357
1.262998	0.981433	0.821654	0.736564	0.802303	0.705257	0.793033	0.837011	0.797932	0.701087
0.934358	0.79385	0.769652	0.849201	0.733303	0.80787	0.913739	0.774369	0.642956	0.657792
0.7022	0.653921	0.898688	0.879669	0.767341	0.762967	0.907516	0.768849	0.699956	0.546801
0.736501	0.850452	0.764241	0.714436	0.996293	0.773998	0.803604	0.941734	0.923291	0.621028
0.962025	0.996839	0.866898	0.798839	0.979695	0.935677	0.917516	0.955565	1.114754	0.887392
0.954941	0.950756	1.066599	0.818695	0.936069	0.806865	0.848666	0.981627	0.765584	0.945336
0.704562	0.874622	1.015751	0.871562	1.002489	0.917164	0.729551	0.844563	0.796915	0.760733
0.763679	0.691844	0.835162	0.724132	0.795469	0.800881	0.827602	0.906453	1.178281	0.863929
0.923766	0.867578	0.899912	0.734049	0.855631	0.83166	0.840118	0.93902	1.044731	0.84603
1.148203	0.806817	0.878403	0.800784	0.821413	0.934328	1.100336	0.964079	0.849751	1.037016
0.723113	0.724093	1.241326	0.990983	0.991703	1.067204	0.923886	0.883239	0.820918	0.909651
0.812458	0.794834	1.001589	0.864732	0.916435	0.687352	0.635511	0.883239	0.960123	0.935799
1.133118	1.081411	1.014154	0.842711	0.879646	0.599922	0.783641	1.061692	1.154512	0.883791
0.913426	0.985998	0.922542	0.850292	0.879646	0.80787	0.898951	0.923083	0.841798	0.888599
0.69907	0.866415	0.877239	0.707303	0.820386	1.091653	1.034337	1.009353	0.825231	0.839504
0.689813	0.890289	0.946416	0.821753	0.705661	0.717344	0.939564	1.01738	0.73902	0.943961
0.929029	1.151571	0.810544	0.997067	0.876133	0.738269	0.849747	0.930978	0.847464	0.898379
0.953538	0.923426	0.835162	0.792098	0.825546	0.766613	0.988818	0.795233	0.828494	0.874331
0.642155	0.970965	0.848014	0.739094	0.934732	0.912017	1.047782	0.750063	0.876958	0.869677
0.68075	1.094959	0.919968	0.843786	0.934732	1.076445	0.993312	1.020632	0.913886	0.985727
0.972141	1.041393	0.792956	0.973225	0.902581	0.7768	1.01492	1.266487	1.084195	1.140232
0.842853	0.826495	0.823705	0.839502	0.763725	0.87524	0.876519	0.813082	0.886836	1.015444
0.764584	1.0484	0.899912	0.88793	0.71121	0.946621	1.160137	0.767936	0.807189	0.993352
0.763679	1.147115	0.89142	0.897567	0.825546	0.901901	1.046078	0.81715	0.857853	1.109016
0.802452	0.866415	0.940996	0.982013	0.682651	0.801873	1.059897	0.835942	0.825231	1.197829
0.854962	0.850452	0.860139	1.030489	0.845731	0.909466	1.081487	1.020632	0.904681	0.839504
0.777466	0.825436	0.754491	1.134689	1.002489	1.01554	1.104206	1.028872	1.076396	0.832012
0.782161	0.825436	0.749264	0.844864	0.810247	0.800881	0.901381	0.948594	0.842925	0.818432
0.760973	0.681858	0.861258	0.70809	0.649579	0.847908	1.087056	0.839155	1.136391	0.982714
0.824778	0.730841	0.881914	0.727412	0.69631	0.817025	1.199448	0.86575	1.003626	1.010615
0.85608	0.819141	0.818596	0.862479	0.821413	0.938387	1.01334	0.949979	0.812418	0.815357
0.842853	0.838308	0.89142	1.138915	0.966572	0.923686	0.917516	0.898987	0.938494	0.935799
0.9357	0.916854	0.909824	0.94788	0.720076	0.832725	0.789252	0.827489	1.051977	0.938502
0.820633	0.904001	0.970236	0.790191	0.622736	0.868244	0.825551	0.955565	1.159163	1.049091
0.847217	0.936876	0.783484	0.757227	0.81125	0.899409	0.793033	0.897755	0.924652	0.965062
0.784053	0.737695	0.768746	1.030489	0.853411	0.850121	0.836955	0.81207	0.794889	0.900859
1.052189	0.926083	0.940996	0.828974	0.737521	1.033777	0.891741	0.843476	0.869695	0.926467
0.828964	1.169868	1.100236	0.643118	0.767341	0.965015	0.885823	0.870345	0.997138	0.829895
0.804435	0.942375	0.90608	0.733214	0.788741	0.68888	0.923886	1.072594	0.880636	0.873163
0.979514	0.818101	0.954675	0.844864	0.890359	0.632948	0.765446	0.864609	0.842925	0.943961
1.010323	0.802786	0.912338	0.794013	0.928109	0.852346	0.707169	0.833813	0.95571	1.043874
0.925076	0.99216	0.778824	0.908671	1.309236	1.256779	0.814439	1.045836	0.876958	0.904605
0.983998	0.984471	0.782548	0.964612	1.278716	1.025392	1.003981	0.952763	0.818777	0.902104
0.982498	0.979922	1.010978	1.079471	1.223444	0.805862	1.005527	0.888024	0.860195	1.146753
0.969227	0.976916	1.006258	0.898787	1.031522	0.753096	0.805554	0.961223	0.969085	0.963623
0.947971	1.087166	0.989377	0.956165	1.352415	0.76206	0.944918	1.197508	0.938494	0.843844

1.098525	1.085239	1.001589	1.022295	1.264225	1.033777	1.104206	0.961223	0.69672	1.028592
0.826866	1.012813	0.973127	1.305015	1.007195	1.033777	1.455806	0.816129	0.744384	1.157845
0.845029	1.007959	1.110061	1.032146	0.874968	0.773068	1.134386	0.971305	1.021984	0.987241
1.026589	0.707669	0.765138	0.957562	0.948289	0.806865	1.211721	1.135864	1.104327	1.133806
0.970682	0.781259	0.886641	1.003238	1.090382	0.965015	0.95445	0.902704	0.921935	1.028592
1.102455	1.07951	1.167338	1.18126	1.068044	1.111444	0.891741	0.860073	0.939903	1.095182
1.376622	1.004753	1.116065	0.964612	0.814274	0.984223	0.965607	1.22799	1.19828	0.994893
0.964892	0.862945	0.973127	1.136797	0.791612	0.908196	0.948978	0.984621	1.042938	1.025267
0.973606	0.729992	0.927735	1.379539	0.905068	1.035474	1.11803	0.933643	1.080278	1.007424
1.023286	0.790912	0.834107	0.903701	0.963708	0.952198	0.98143	1.137998	1.166234	0.84603
1.118538	0.947944	0.973127	0.790191	0.972355	1.038887	0.935591	0.947214	0.911236	1.061511
1.077526	1.057321	1.04554	0.845944	0.84682	1.289077	1.088929	1.083776	0.783913	1.162363
0.879061	0.895225	1.086844	1.200404	1.033193	1.085888	0.871941	0.971305	0.911236	0.841668
0.898364	0.959302	1.081228	1.365003	1.25297	0.843516	0.763668	1.061692	0.989162	0.848228
1.079393	1.198844	1.311187	1.045639	1.218285	0.83166	0.861813	1.061692	1.325133	1.205284
1.026589	1.110977	1.340582	0.977597	1.036555	0.987255	1.383551	1.257946	1.042938	1.239153
0.736501	0.959302	1.357815	0.916235	1.21066	1.384101	1.270268	1.175973	0.853205	1.035318
0.973606	0.897714	1.022196	1.057799	1.176743	0.970835	1.110077	1.47691	1.023692	1.342698
1.411372	1.115076	0.919968	1.120213	1.004052	0.796937	1.03104	1.746262	1.797078	1.031942
1.021645	1.071987	0.945054	0.855789	1.018378	1.083983	1.056401	0.892862	1.603599	0.943961
0.695962	1.034497	0.827836	0.753714	1.122073	1.380324	1.155738	0.90395	0.890598	0.997992
0.847217	0.922103	0.927735	0.788293	0.886759	1.045795	1.149222	1.051058	0.99393	1.642766
1.079393	1.024354	1.033711	1.255081	0.89399	0.819085	1.147071	1.392347	1.193193	1.135938
1.081269	1.066429	0.897469	1.430452	1.250202	0.955014	0.988818	0.934981	1.372126	0.991816
0.876707	1.263334	1.052447	1.660635	1.48634	1.213712	0.991809	0.916611	1.090137	1.212869
0.84394	1.235291	1.169612	1.049079	0.912613	0.926322	1.138573	1.115084	1.264477	1.342698
1.003984	0.939617	0.939651	0.966035	0.70174	0.859088	1.348062	1.318345	1.572233	1.671124
1.754406	1.136171	0.860139	0.926529	0.847912	1.076445	0.969866	1.334855	1.403794	1.140232
1.083153	1.151571	0.9136	1.15846	1.264225	1.176882	0.920053	1.061692	1.102271	1.125385
0.930355	1.339099	1.167338	1.042226	1.041647	0.949401	0.846513	0.888024	1.020283	1.325834
1.050434	1.096929	1.153941	0.908671	0.857862	1.101436	1.000906	0.944465	1.342611	1.27295
1.436186	0.970965	0.936975	0.88793	1.21066	1.099462	1.098414	1.632399	1.006906	1.012218
1.043487	0.904001	1.200305	1.210302	1.045075	0.852346	0.916254	1.53688	1.183195	1.125385
1.194439	1.181707	1.077525	0.923933	0.738369	0.795957	0.859594	1.129525	1.351352	2.077049
1.330879	1.096929	1.205226	0.797869	0.896427	1.035474	1.042691	1.37355	2.070943	1.329154
1.031589	1.129734	1.30804	1.337314	1.24745	1.310956	1.521706	1.076289	0.870897	1.121234
0.892239	0.902736	1.565778	1.589193	1.472308	0.979715	1.003981	0.878506	0.821992	1.103033
1.192006	0.902736	1.174195	1.073951	1.029857	1.125855	0.856287	0.86575	0.997138	0.930442
1.391724	1.068274	0.893829	0.836317	1.165245	1.301444	1.003981	1.007765	0.957176	0.879035
0.838532	1.134014	0.911079	0.805686	1.043358	0.969373	1.087056	1.04757	1.055645	1.056144
0.731432	0.936876	1.084964	1.162925	1.255757	0.792057	0.948978	0.84131	0.885589	1.037016
1.086945	1.312348	1.383152	1.210302	1.215728	0.904408	1.021296	1.159932	1.090137	0.984218
1.324006	1.346052	1.165077	0.950624	1.420318	0.917164	1.149222	2.102368	1.084195	0.99955
1.148203	1.335664	0.916136	1.143183	1.342063	1.018799	1.066975	1.028872	1.020283	1.760265
0.815506	1.558838	1.28663	1.402298	0.884375	0.950797	1.216729	1.058118	1.412085	1.24762
0.889813	1.963232	1.183509	1.156244	1.028198	0.934328	1.01492	1.263621	1.346192	0.99644
1.064673	1.169868	0.796803	1.190727	1.510783	0.826376	1.253502	1.059902	0.964581	0.984218

1.462504	1.339099	1.070211	1.188341	0.892776	1.153956	1.315254	0.984621	1.258559	1.095182
1.453553	1.45278	1.347393	1.116164	0.818339	1.314173	1.142801	0.9052	1.183195	1.297037
1.772489	1.558838	1.028739	0.976135	0.978217	1.292136	1.065195	1.111045	0.995531	1.056144
1.235334	0.949348	0.998503	1.721135	0.933399	1.158445	1.142801	1.040677	1.015218	0.84603
0.939752	0.887841	1.054191	1.426316	1.075363	1.012304	1.088929	0.971305	1.102271	0.912196
1.070135	1.070126	1.00314	0.764339	0.996293	0.956429	1.108111	1.311913	1.666488	0.950881
1.065781	1.281072	1.252217	0.88319	0.993227	0.927646	1.290683	1.233285	1.145357	0.967955
1.308109	1.041393	1.57728	1.22043	1.000932	1.462918	1.259019	1.127432	0.881869	0.902104
1.059278	0.936876	1.721036	2.097083	1.162981	1.138599	0.953076	1.195062	1.125438	0.856007
0.8996	0.876996	1.116065	1.145333	1.515842	0.775864	0.891741	1.811707	1.183195	1.111029
1.238022	1.510184	1.375761	0.88084	1.066234	0.825327	0.787374	0.984621	1.023692	1.335873
0.994645	1.243515	1.083092	0.718449	1.151837	0.952198	0.967022	0.955565	0.770333	1.105018
0.963456	1.254729	1.474029	0.995538	1.481612	1.147308	1.226922	1.012546	0.752557	0.956498
1.304951	1.699463	1.120114	1.197964	0.948289	0.955014	1.164582	1.281107	0.847464	1.135938
1.00873	1.016079	0.929043	0.868134	0.845731	0.754874	1.166821	0.980137	1.314975	1.465031
1.023286	0.94376	0.818596	0.891519	1.059066	1.395634	1.402446	0.855585	1.360821	1.430016
0.85608	1.138337	0.940996	1.225585	1.146814	1.274098	1.132308	0.90897	0.908602	1.05437
0.827914	1.01937	0.989377	1.372211	1.068044	0.895696	1.506719	0.977173	0.939903	1.567353
1.061069	0.859502	1.188242	1.386994	0.799361	1.035474	1.511657	1.249569	1.092136	1.045606
0.910879	0.912958	0.986376	1.260666	1.004052	1.354766	1.199448	1.101108	1.258559	0.84933
0.963456	1.134014	0.945054	1.056041	2.260705	2.091034	1.151383	0.880866	1.051977	1.2003
0.863986	1.390286	1.012563	0.796902	0.952441	1.037177	1.110077	0.920483	1.623567	1.284826
1.092696	0.853823	1.038741	0.937073	0.850103	0.915872	1.686657	2.122534	1.318334	1.121234
1.092696	0.881783	1.037058	1.120213	1.432743	1.105412	0.97561	1.255136	0.939903	1.151156
1.369263	1.057321	1.00314	1.088831	1.002489	1.01554	0.87537	0.916611	0.958647	1.290888
1.133825	1.085239	1.094446	0.903701	0.858981	1.061752	0.772633	1.151025	1.092136	0.984218
1.18241	1.240757	1.156146	0.896351	0.882004	1.317415	1.034337	1.054574	0.944157	0.81638
0.870879	0.777457	0.909824	1.185968	1.045075	1.058155	1.361911	0.936323	0.813471	0.984218
0.950746	0.672097	0.923834	1.108177	1.101997	0.802866	1.058146	1.222759	1.206023	1.129575
1.114461	1.089101	1.094446	0.931769	0.851203	0.695823	0.877671	1.865339	1.416291	1.072447
0.773746	1.439541	1.043831	0.854684	0.897651	0.975252	0.974166	1.133741	0.836205	1.27295
0.876707	1.108942	1.064805	1.015849	1.080935	0.991843	1.175896	1.022268	0.845189	1.585014
0.939752	0.999987	0.935643	1.301913	1.223444	0.99648	1.010198	1.101108	0.934295	1.138079
1.016757	1.043134	1.064805	0.913699	1.165245	0.845706	1.058146	1.606479	1.479898	1.332501
1.059278	1.318883	0.899912	0.901237	1.090382	0.984223	1.011766	0.978652	0.7849	1.09909
0.895904	1.536538	1.073852	1.167437	0.938755	1.054587	1.197034	0.799136	1.044731	1.261389
0.853847	2.042646	1.200305	1.05429	0.781177	0.879967	1.259019	1.135864	1.412085	0.893462
1.013528	1.363939	0.950526	0.952003	0.845731	0.901901	1.365444	1.407993	0.975164	0.630932
1.168402	1.00157	0.735625	1.212812	1.096151	0.835934	1.140682	1.305574	0.927385	0.975272
1.055719	0.934152	0.829917	0.992496	1.100039	1.032087	0.853004	0.739681	1.059345	1.346151
0.939752	1.011189	1.081228	1.059564	0.76825	0.945238	0.776272	1.001472	1.147628	1.322538
1.230006	1.243515	0.863506	1.079471	0.777444	1.191241	1.302795	1.244073	1.460755	1.042149
1.219543	0.938244	0.791045	1.88712	1.011953	1.030404	1.354931	0.87499	1.339059	0.946716
1.05395	0.684142	0.794875	1.096466	0.913883	1.105412	0.957213	0.848938	1.86274	1.171541
1.458005	1.196354	1.422121	0.971778	1.094219	1.251156	1.169072	1.318345	1.874718	1.30779
1.853446	1.309238	1.464935	1.070309	0.953833	1.337389	1.281816	1.42011	1.314975	1.085564
1.002414	1.106917	1.124201	1.447399	0.952441	1.156195	0.866285	0.937669	0.986012	0.81332

0.991577	0.955008	1.020576	1.147493	1.432743	1.206092	0.736997	1.076289	1.767629	1.769355
1.376622	1.184114	1.39448	0.943796	1.618694	1.516077	0.895331	1.290122	1.059345	1.102039
1.876285	1.480534	1.149566	0.911178	1.165245	1.640194	1.248055	1.53688	0.966077	0.949488
0.94659	0.886623	1.422121	1.138915	1.165245	1.537143	1.256252	1.035579	1.261508	1.004258
1.154832	1.278065	1.263387	1.160687	1.2313	1.010696	1.081487	1.811707	1.828669	1.44717
1.053985	1.270726	1.28663	1.030489	1.659211	0.901901	1.575766	2.489411	1.647682	1.401728
1.043901	1.525804	1.646642	1.169711	1.19824	1.526482	1.551124	2.189343	1.163864	1.483657
1.007142	1.11714	1.480215	1.070309	1.800104	1.918045	1.460196	1.47691	0.805114	1.378527
1.52047	1.786754	1.994403	1.434627	1.57061	1.706594	1.394789	1.377805	1.360821	1.649684
1.569663	1.636971	1.311187	2.635404	1.502619	1.13218	1.709544	1.386297	1.453695	1.671124
1.704278	2.078979	1.422121	1.246836	2.00998	1.477971	1.305076	1.521093	2.357708	1.391444
1.625694	1.664986	1.800997	1.810962	1.453324	1.640194	1.499532	1.510313	1.465462	1.428453
1.547109	1.838003	1.474029	1.385399	1.487286	1.521248	1.312106	2.743149	1.777225	1.418186
2.267708	1.346052	1.280702	2.206117	1.296769	1.218868	1.142801	1.22799	1.40792	1.125385
1.222136	1.318883	0.978966	1.263486	1.188555	1.43645	1.199448	1.129525	1.224647	0.887392
0.979514	1.270509	1.340582	1.386994	1.42442	1.045795	1.281816	0.984621	1.188166	1.129575
1.436186	1.883857	1.138817	1.116164	1.011953	0.959272	1.11315	1.185413	1.230118	1.397615
1.230006	1.266241	0.986376	1.03884	0.785889	0.955014	1.180505	1.432573	1.520919	0.930442
1.411372	1.138337	0.899912	1.283754	0.951052	1.683314	1.019693	0.866894	1.255629	1.049091
0.9357	1.254729	0.786304	1.863965	0.933399	0.908196	1.008636	0.838081	1.061207	1.002683
1.25172	1.318883	0.965937	1.050809	0.982666	0.905667	1.383551	1.290122	1.470221	2.096117
1.495371	0.939617	1.426218	1.233432	0.944178	0.914583	1.126131	1.222759	1.298554	1.236452
1.196885	0.969489	1.263387	1.32737	1.228665	1.440751	0.841177	1.056342	1.572233	0.848228
0.997736	0.866415	0.821654	1.674988	1.404284	2.631256	1.422201	0.966955	1.163864	1.031942
1.045213	1.059127	0.958864	1.1243	1.115952	1.065379	1.511657	0.981627	1.00037	1.247359
0.942474	0.926083	1.112053	0.961778	1.098091	0.925002	1.242674	1.901015	1.098189	0.860516
1.038348	0.749068	0.790093	0.94788	0.951052	1.089723	0.835906	1.035579	1.005263	0.717077
0.9357	0.885408	0.797771	1.200404	1.01355	1.121688	1.047782	0.731216	0.951342	1.166928
0.909611	0.932797	0.6732	0.862479	0.756581	0.965015	0.86967	0.737124	1.175845	1.153375
0.964892	0.673585	0.892623	0.775231	0.70096	0.908196	1.056401	0.722091	0.833988	0.707413
0.743354	0.517029	0.587111	0.850292	0.722525	0.841336	0.690359	0.769764	0.768427	0.722815
0.574529	0.51859	0.537586	0.70809	0.743495	0.738269	0.643511	0.593075	0.615362	0.881406
0.565837	0.641982	0.524488	0.525103	0.580596	0.668694	0.644185	0.582828	0.757165	0.784801
0.43126	0.637845	0.632967	0.507881	0.520054	0.642471	0.623138	0.640731	0.651588	0.548455
0.421687	0.467955	0.457653	0.538217	0.541106	0.480234	0.58682	0.638017	0.559025	0.53113
0.497013	0.547144	0.498934	0.518437	0.586542	0.503571	0.525771	0.509045	0.493233	0.509898
0.691342	0.830753	0.644378	0.630423	0.66724	0.611294	0.667724	0.648284	0.659655	0.69952
0.252155	0.126077	0.063039	0.031519	0.01576	0.00788	0.00394	0.00197	9.85E-04	4.92E-04
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0	0	0	0	0	1.451572	0.674078	0.649725	0.671292	0.670191
0	0	0	0	0	0.826247	0.978416	0.72244	0.728021	0.630345
1.804479	0	0	0	0.371681	2.122892	1.328884	1.691938	1.069966	0.990012
1.579814	1.734623	0.495575	0.743362	1.357731	1.315319	1.322102	0.863813	0.431906	0.215953
1.597719	1.298962	0.99115	1.209496	1.065339	1.430465	0.65766	0	0	0
1.000006	1.136587	0.89392	1.191952	1.116066	1.331418	1.302316	0.32883	0	0
1.068165	0.881993	0.843035	1.241327	1.042878	1.318492	1.28614	1.966108	0.660688	1.043251
1.363331	1.042248	0.878256	0.864477	0.741781	0.90504	0.883619	0.992547	1.061059	1.476089
1.097964	1.013782	0.898856	0.885793	0.851305	0.81742	0.944024	1.472142	1.327664	1.01588
0.782972	0.765195	0.722748	1.050622	0.954786	0.921317	0.755058	0.969119	1.340894	0.900853
0.853781	0.678454	0.748305	0.806167	0.573595	0.871925	0.84195	0.638929	0.708016	0.76113
0.808935	0.674726	0.773595	0.661427	0.671232	1.37268	1.038179	0.726497	0.612252	0.654903
0.858199	0.833369	0.87005	0.638167	0.648237	0.936903	0.827553	0.920617	0.721519	0.599823
0.871726	0.598022	0.70651	0.77781	0.766014	0.775334	0.649229	0.930937	0.85561	0.625851
0.808935	0.679204	0.782996	0.959715	0.862275	0.810446	0.740745	0.696571	0.751579	0.719579
0.977521	0.936756	0.82174	0.729486	0.856756	1.192281	0.873382	0.871264	1.0646	0.966998
0.774651	0.922077	0.861995	0.796179	0.963113	1.226964	1.004982	1.036856	0.898288	0.721167
0.720486	0.796469	0.843035	1.054185	0.886255	0.755728	0.829581	0.814794	0.675626	0.782581
0.644316	0.793531	0.901345	0.756567	0.712487	0.782689	0.693694	0.848003	0.777404	0.850905
0.931804	0.905344	0.725237	0.768446	0.987614	0.92645	0.768092	1.048677	0.860027	0.822876
0.978984	0.979514	0.785857	0.811249	0.914134	0.900152	0.805852	0.836299	0.802913	0.737374

0.67161	0.918158	0.901345	0.858737	1.023128	0.723817	0.942704	0.878145	1.004905	0.910585
0.675965	0.781974	1.073733	1.099386	1.056562	0.798745	0.914622	0.698095	1.095922	0.985603
0.938429	0.798439	0.809447	0.962602	1.136467	0.882296	0.839864	0.872403	0.824866	0.921801
1.514776	0.924709	0.627988	0.693735	0.793573	0.753122	0.663551	0.69886	0.733792	0.992977
0.934442	0.926031	0.712933	0.863323	0.703146	0.866269	0.995945	0.71523	0.8747	0.897258
0.984887	1.023617	1.002029	1.033234	0.995091	0.981428	1.156401	1.071523	0.974975	0.899651
0.90134	0.886806	0.850742	1.343219	1.044565	0.967017	1.421516	0.894639	0.724758	0.784418
0.949244	0.81968	0.802433	0.833267	0.7741	0.837987	0.965719	0.702702	0.608505	0.843463
1.038595	0.907877	0.92971	0.760188	0.722034	0.917506	0.840906	0.923174	0.760312	0.915534
1.202026	1.008947	0.910171	0.927818	0.703916	0.829643	0.852534	1.073332	0.838379	0.719579
0.874022	0.754359	0.843035	1.435973	0.675546	0.786414	0.833665	0.770205	0.865612	0.730819
0.839728	0.689066	0.932383	1.303348	1.12007	1.024524	0.76986	0.767508	1.261332	0.857387
0.915038	0.690604	0.884214	0.820549	0.909155	0.883464	0.798221	0.707358	0.934941	1.1219
1.07178	1.056317	0.898856	0.752083	0.703916	1.036	0.755058	0.776563	0.800971	0.611404
0.758474	0.752579	0.979041	0.938649	0.657151	1.005528	0.994457	0.949609	0.712734	0.527411
0.733615	0.831235	0.851855	0.806167	0.6895	0.843285	0.662858	0.772918	0.903164	0.678763
1.000006	1.189096	1.055556	0.671684	0.845923	0.83484	0.657355	0.757762	0.852327	1.012756
0.879817	0.878419	0.94187	0.824747	0.758077	0.801641	0.891751	0.855619	0.870132	0.747397
0.672332	0.707885	1.116621	0.672426	0.757203	0.913728	0.937461	0.80006	0.822823	0.569058
0.701507	0.682971	0.82174	0.739769	0.744313	0.768999	0.68124	0.676495	0.839437	0.742356
0.727822	0.804402	0.780155	0.679917	0.789796	0.621181	0.71036	0.779316	0.711944	0.848765
0.79624	0.647392	0.737901	0.793226	0.644857	0.600582	0.749953	0.911784	0.627575	0.775313
0.862661	0.750806	0.923099	0.762923	0.684307	0.736969	0.787022	0.677222	0.676352	0.726771
0.736961	0.661564	0.835463	0.819506	0.83431	0.679959	0.636666	0.642946	0.659244	0.691947
0.726181	0.655839	0.624016	0.880965	0.74094	0.637463	0.654629	0.71049	0.653688	0.711726
0.795279	0.641163	0.562656	0.632034	0.650961	0.648894	0.704226	0.738902	0.616666	0.629056
0.640266	0.641163	0.639445	0.655673	0.760706	0.79396	0.69147	0.66573	0.587858	0.575835
0.704613	0.537158	0.551917	0.654246	0.655078	0.641463	0.592106	0.683823	0.78109	0.587371
0.835494	0.562206	0.569577	0.610259	0.558985	0.667692	0.616295	0.543044	0.62305	0.598621
0.703057	0.660844	0.597181	0.588298	0.575313	0.679227	0.536944	0.541444	0.505459	0.535634
0.635587	0.617752	0.667658	0.691401	0.735928	0.684372	0.545841	0.588642	0.520431	0.618882
0.640266	0.583339	0.7811	0.776865	0.644184	0.705584	0.54268	0.653844	0.621765	0.62649
0.722917	0.781025	0.68703	0.656388	0.704689	0.75835	0.609508	0.579829	0.757673	0.582142
0.697655	1.061713	0.762575	0.692177	0.806081	0.990309	0.772525	0.620659	0.621765	0.686772
0.789555	0.862114	0.881821	0.802144	0.633558	0.741162	0.853606	0.713644	0.730485	0.846636
0.957535	0.823846	0.804425	0.878571	0.7741	0.83484	0.874508	0.852339	0.841559	0.657643
0.804989	0.717609	0.666203	0.836506	0.900577	0.965602	0.884771	0.698095	0.895871	0.75939
1.004646	0.956188	0.895149	1.132366	0.726887	0.843285	0.822525	0.611179	0.851238	0.923066
0.934442	0.788678	0.891473	0.955419	0.644184	0.913728	0.965719	0.750809	0.89227	0.855215
1.13834	0.791584	1.002029	0.93728	0.682834	0.768102	0.83264	0.913035	0.873553	0.630345
0.97316	0.797453	0.841945	1.061399	1.007329	0.988817	0.78062	0.843711	0.674176	0.679485
1.035245	0.780077	0.763483	0.997268	0.793573	0.909983	0.801067	0.888676	0.914337	0.871773
1.012492	0.979514	0.785857	0.663605	0.698549	0.991808	0.791653	0.83525	0.91686	0.740689
0.805972	0.867867	0.848526	0.750303	0.898157	0.840099	0.736623	0.925746	0.766531	0.740689
0.751473	0.665907	0.974586	0.986421	0.874671	0.720591	0.76986	0.913035	0.702576	0.756792
0.759357	0.725048	0.983543	0.913353	0.723645	0.670547	0.655309	0.946892	0.908094	0.926881
0.889251	0.936756	0.95438	0.772168	0.887431	1.000906	0.888247	0.918075	0.985218	0.830994

0.732783	0.894127	0.920483	0.938649	0.899365	0.999377	1.209077	0.824902	0.636106	0.780753
0.673782	0.710296	0.854088	0.887009	0.938595	0.854078	0.91586	0.793351	0.728021	0.768164
0.88806	0.762461	0.932383	0.751192	0.713275	0.663444	0.700435	0.82798	0.698731	0.8563
1.028622	1.089747	0.763483	0.764756	0.874671	0.724628	0.631483	0.833161	0.657848	0.854134
0.879817	0.931361	0.652618	0.810228	0.89575	0.978507	0.834692	0.628395	0.635444	0.860665
0.698423	0.964789	0.82802	0.965509	0.875816	0.776247	1.039825	0.71523	0.693405	0.869528
0.847239	0.905344	0.872378	1.031533	0.956163	0.747101	0.961568	0.82083	0.885156	0.863967
0.942453	0.837669	0.856332	0.912062	0.995091	0.907504	1.201833	0.894639	0.798075	0.805147
1.119705	0.900323	0.855209	0.986421	0.942587	1.100352	0.942704	0.671438	0.955187	0.971221
0.774651	0.904083	0.952972	0.991037	0.704689	0.942225	0.826543	0.863371	1.014302	1.012756
0.894046	0.838751	0.622699	0.77498	0.698549	0.7708	0.787944	1.117145	0.945621	0.72356
0.970277	0.804402	0.656152	1.128104	0.840606	0.797783	1.10366	0.840519	0.683684	0.667371
1.007768	0.749922	0.799461	0.997268	0.883914	0.921317	0.838824	0.676495	0.77375	0.652859
1.012492	0.99631	0.980537	0.716964	0.813961	0.911228	0.819535	0.889862	1.012721	0.958673
0.954754	1.103475	0.95721	0.818465	0.775918	0.868523	0.909706	1.119153	0.934941	0.942486
0.780181	0.783879	0.849633	0.879766	0.791681	1.108129	0.86119	0.919344	0.841559	0.861763
0.869442	0.924709	0.911447	0.931848	0.964517	1.132329	0.945349	0.964864	0.830014	0.778932
1.136229	1.442026	0.86889	0.849707	1.201704	1.051217	0.927162	0.979214	0.957959	0.949157
1.248525	0.915565	0.923099	0.869124	0.914134	0.881132	1.174008	1.028605	0.780166	1.203087
0.812916	1.103475	1.252655	0.997268	1.002699	0.955824	0.849331	0.903127	0.684424	0.915534
0.913774	1.140909	1.353111	1.559765	1.130245	0.939556	0.84195	0.959255	0.81575	0.892512
1.270905	1.082093	0.872378	1.010005	1.226682	0.888167	1.054926	1.117145	0.945621	0.968401
0.872873	0.814527	0.748305	0.71287	1.008883	1.511795	1.524062	0.851251	0.957959	1.306072
0.892842	1.214068	0.89392	0.767521	1.296242	1.369087	1.131262	0.928334	0.834176	1.04674
0.902567	1.35921	1.05734	1.026469	0.916645	0.835886	0.877902	0.758639	0.77375	1.089144
1.038595	1.0388	0.859721	1.141017	0.742623	0.870788	1.180799	0.921893	0.879316	0.872899
1.232466	1.040521	0.995779	1.182235	1.096581	1.173639	1.16292	1.353697	1.203802	0.737374
0.926576	1.043982	0.806427	1.206946	1.114078	0.955824	0.891751	0.855619	0.873553	0.790907
0.981925	1.232444	0.757169	0.941399	0.688754	0.704034	1.056637	0.697332	0.800971	1.065663
1.048803	0.8464	0.859721	1.034942	0.735928	0.857369	1.34523	0.780238	0.802913	0.903265
1.440896	0.81968	1.079338	0.958278	0.957544	1.112069	0.927162	1.080641	0.986701	0.808052
1.309927	1.097538	0.88662	1.244088	1.032891	1.079659	0.998936	0.945539	0.967804	1.089144
1.068165	1.128069	0.82174	0.981855	0.981724	0.927743	0.97985	0.732242	0.946975	1.112007
0.974609	1.010553	0.99115	0.885793	0.74094	0.972724	0.908486	0.881627	0.910581	0.793718
1.117683	0.889233	0.916587	0.896857	0.860059	0.917506	0.84721	1.119153	0.868998	0.682386
0.832345	0.80141	0.916587	1.029839	1.032891	0.994819	0.792585	1.030242	1.011147	0.903265
1.030268	0.80141	1.018058	1.013248	0.809019	0.954444	0.900037	0.816797	1.040401	1.312232
1.05226	1.107479	0.935073	0.707201	0.766014	1.096516	0.79352	0.883964	1.111481	0.809025
1.035245	1.221849	1.019694	0.790294	0.809019	0.878812	0.997438	1.1232	0.823843	0.734084
0.852684	0.792556	0.87005	0.795192	0.820975	0.715001	0.882469	1.066144	0.79139	0.788114
0.744583	0.738595	1.013187	1.079978	0.862275	0.638792	0.699681	0.885137	0.800971	1.022197
0.961741	0.872525	0.784901	0.969906	1.029612	0.644825	0.752498	0.818809	0.795197	0.879721
0.977521	0.816581	0.809447	0.854199	1.231855	1.138596	0.964331	0.783944	0.645484	0.803221
0.87749	0.710296	0.905106	1.101376	1.070691	1.0495	1.099857	0.799095	0.778323	0.807082
1.012492	0.808424	1.073733	0.945558	0.863388	0.78548	0.845098	0.760399	1.011147	0.97406
1.202026	0.949148	0.772666	0.898104	0.858955	0.68216	0.844046	0.949609	0.986701	1.098524
0.993895	1.167787	0.690089	0.856462	1.114078	0.922594	0.844046	0.881627	0.909336	1.106177

0.780181	1.15414	0.88662	0.872643	0.83431	1.092713	0.851464	0.684562	0.87241	1.235643
0.806957	1.130183	1.00837	0.838679	0.752001	0.753989	0.889412	0.904353	0.988189	0.813921
0.925279	0.815553	0.756274	0.984894	0.915387	0.84757	1.079512	1.152629	0.985218	0.782581
1.134129	0.740319	0.817603	1.353786	1.178085	1.226964	0.953383	0.82083	0.977877	1.005041
0.88806	0.914274	1.319154	1.123883	0.784191	1.052941	0.819535	0.782087	0.87241	0.962815
1.155603	1.020314	1.083115	0.845262	0.726074	0.860685	1.020474	1.203325	0.786678	0.685305
1.031921	0.899077	0.809447	0.992586	0.786052	1.085205	1.199445	1.018906	0.813751	0.729195
0.790504	0.732616	0.844128	1.258162	0.812968	1.278955	0.846152	0.742271	0.846909	0.721963
0.813918	0.71679	0.86889	0.975839	1.049666	1.034342	0.662166	0.927038	1.194113	1.022197
1.05226	0.900323	0.961489	0.843057	0.961714	0.890538	0.845098	1.165879	1.066381	0.965599
0.85709	0.847504	0.967262	0.952578	0.777743	0.871925	1.123195	1.127284	0.810768	0.861763
0.707741	0.961903	1.175797	1.252477	1.0531	0.888167	0.851464	0.772012	0.684424	0.796547
1.015671	1.193977	1.018058	1.13667	0.909155	0.769899	0.695929	0.932244	0.998752	0.86841
0.976062	0.867867	0.814527	0.666526	0.7401	0.762756	0.739918	0.906816	1.032075	0.941164
0.826115	0.84861	1.011575	0.748529	0.928127	0.746247	0.891751	0.938841	0.732135	0.71485
0.890445	1.083994	1.120738	0.938649	1.375471	0.908742	0.930996	0.957863	0.844761	0.730006
0.980452	0.967694	0.907631	1.109426	1.182707	0.852987	1.039825	1.141888	0.885156	0.804183
0.858199	1.099509	0.654735	1.047089	0.85566	0.864027	0.985634	1.033536	1.201359	0.86841
0.759357	0.991665	0.740479	0.764756	1.036194	1.018099	0.865584	0.82388	0.948333	1.04674
0.729469	1.334778	0.854088	0.838679	1.128191	1.052941	0.811663	0.83525	0.77466	0.942486
0.862661	0.912987	1.050248	1.168057	0.745161	0.777161	1.26348	0.868994	0.90194	1.036756
1.007768	0.885598	0.858589	0.890676	0.736759	0.820444	0.924625	0.96205	1.055802	0.886651
0.882156	0.873697	0.630657	0.752083	0.712487	0.92904	0.84721	0.634289	0.945621	0.804183
0.750606	0.787714	0.658286	0.679917	0.749424	0.80651	0.746582	0.578088	0.700265	0.734904
0.854882	0.807415	0.708107	0.555318	0.632902	0.694092	0.729302	0.603127	0.850152	0.756792
0.937096	0.755252	0.782047	0.792246	0.745161	0.78548	0.837788	0.67072	0.910581	0.684573
0.76559	0.808424	0.826967	1.072451	0.904233	0.868523	0.700435	0.7058	0.915597	0.786262
0.842931	0.667364	0.807431	0.975839	0.752864	0.771703	0.646553	0.695051	0.792339	0.946476
0.847239	0.851947	0.783948	0.646482	0.766014	1.036	0.82053	0.861142	0.914337	1.043386
0.694598	0.797453	0.765304	0.705595	0.758077	1.022909	0.957456	0.814794	0.750715	0.731633
0.779254	0.682971	0.743072	0.789321	0.816953	0.831714	0.888247	0.83735	0.685908	0.702485
0.879817	0.911704	1.124895	0.745004	0.775918	0.833795	0.774311	0.711276	0.771029	0.867295
0.976062	0.889233	0.883016	0.71944	0.906687	0.967017	0.7158	0.908052	0.880478	0.876296
0.799137	1.0303	0.830133	0.794208	0.941252	1.054672	0.91586	1.018906	0.951062	0.813921
0.719678	0.793531	0.820702	0.934555	0.905458	0.837987	1.003462	0.799095	0.698731	0.777119
0.630958	0.784835	0.845223	0.875004	0.866742	0.704034	0.834692	0.806874	0.761195	0.696432
0.871726	0.762461	0.782047	0.780659	0.716439	0.664149	0.881323	0.969119	0.857813	0.82087
0.926576	0.879607	0.570159	0.731183	0.885083	1.054672	0.86669	1.006302	0.955187	0.964205
0.814921	0.874873	0.695494	0.882167	0.812968	1.0495	0.940075	0.772918	0.662049	0.897258
0.802053	1.015406	1.079338	1.057777	0.800264	0.750531	0.908486	0.763939	0.728021	0.920541
1.04028	0.804402	0.89392	0.796179	0.815954	0.781763	0.86119	0.923174	0.787616	0.779841
0.949244	0.833369	0.794554	0.805158	0.916645	0.730343	0.987092	0.997084	0.964968	0.734904
0.868305	0.829111	0.786815	0.948352	0.993585	0.74032	0.838824	0.950974	0.888699	0.610787
0.826115	0.863259	0.850742	0.862172	0.797384	0.962786	0.765454	0.815794	1.099759	0.779841
0.815927	0.99631	0.82278	0.78545	0.771388	0.833795	0.678361	0.760399	1.231615	0.925605
0.805972	0.703897	0.731101	1.059585	0.830163	0.947614	0.785183	0.86449	0.899502	0.717997
1.169017	0.751692	0.80144	1.024795	0.792626	0.896521	0.763704	0.741426	0.771934	0.672319

1.02372	0.905344	0.879441	0.830053	0.655078	0.898938	0.615674	0.527816	0.750715	0.72356
0.926576	0.847504	0.914009	0.848592	0.679904	0.878812	0.838824	0.85343	0.802913	0.789974
0.884508	0.760647	0.813506	0.807179	0.68801	0.80261	0.853606	0.995566	0.688892	0.86841
0.746296	0.730079	0.91918	0.956846	0.7741	0.917506	0.877902	0.865612	0.700265	0.669485
0.850498	0.83659	0.818634	0.88945	0.835353	0.844352	1.026829	1.121172	0.764745	0.688245
0.922696	0.897834	0.837613	0.885793	0.916645	0.839042	0.817554	0.970547	0.895871	0.694184
1.119705	0.959036	0.835463	0.854199	0.879268	1.072372	1.034906	0.927038	0.675626	0.84241
0.744583	0.891673	0.872378	0.683711	0.890977	0.923876	0.798221	0.822861	0.681472	0.817878
0.727001	0.867867	0.952972	0.814327	0.722839	0.679227	0.767211	0.80006	0.757673	0.964205
0.782039	1.02862	0.773595	1.163432	0.817955	0.62827	0.817554	0.963455	0.883982	1.022197
0.730295	0.765195	0.748305	0.951165	0.803163	0.704808	0.93616	0.701161	0.830014	0.960049
0.870583	0.854186	0.732791	0.875004	1.05138	0.951699	0.968509	0.736392	0.727203	0.732448
0.832345	0.920766	0.7811	0.841958	1.0531	0.832754	0.816567	0.758639	0.703349	0.875161
0.91885	0.842013	0.88662	1.275676	0.905458	0.688831	0.972727	0.842644	0.87241	0.911817
1.073599	0.805404	0.841945	1.111462	0.904233	0.775334	1.133302	1.080641	1.022291	0.834078
0.86717	0.817611	0.786815	1.191952	1.094679	1.344741	1.658559	0.953716	0.904391	0.924334
0.961741	1.107479	1.114577	1.172732	1.021522	1.118049	1.421516	0.904353	0.998752	1.023791
0.880985	0.877233	1.050248	1.20189	0.759828	1.019696	1.467556	1.080641	1.386905	1.089144
1.062798	0.892898	0.940502	0.856462	0.801228	0.845422	1.084967	1.301655	1.140128	0.992977
0.958932	1.012164	0.803428	0.971382	1.085296	0.957207	0.881323	1.01731	0.85671	0.810977
1.119705	1.701805	1.04327	1.269759	1.124112	0.901368	0.874508	0.963455	0.955187	1.195909
1.294501	1.292756	1.185292	0.925152	0.831196	1.08707	0.888247	1.067929	1.358018	1.583299
1.462663	0.988595	1.059131	0.934555	0.845923	1.114053	0.91586	0.979214	0.952433	0.883172
1.059257	0.940848	1.899303	1.182235	1.05138	0.925161	1.00044	1.289564	0.748993	0.876296
1.259571	0.95477	1.306281	1.109426	1.164507	0.939556	0.88018	1.428971	1.127619	1.022197
1.000006	0.863259	0.819667	0.789321	1.001167	1.144955	0.992974	1.495452	1.442599	1.113968
0.772824	0.932703	0.830133	0.836506	0.759828	0.920043	0.84721	0.997084	0.834176	0.845576
0.803029	0.871356	0.794554	0.940022	0.831196	0.962786	0.987092	0.937513	0.732963	0.832019
0.860424	1.001006	0.946	0.927818	0.863388	0.824509	1.025231	0.892244	0.844761	0.887817
0.925279	0.984031	0.890255	0.735455	0.990589	0.90504	0.982732	1.2259	1.234234	1.089144
1.092218	1.004165	0.813506	0.965509	1.245063	1.003982	0.909706	1.148301	0.81176	0.866183
0.860424	0.975044	1.148497	0.929157	0.768693	1.079659	1.017331	0.865612	0.73964	0.832019
0.870583	1.229771	1.090769	1.005184	0.705462	0.890538	0.888247	0.84158	0.953808	0.964205
0.95199	0.940848	0.80045	0.861024	0.723645	0.722201	0.900037	0.797172	1.173075	0.771724
1.001547	0.670294	0.688557	1.061399	0.791681	0.850812	1.041477	0.882794	0.914337	0.839266
0.820991	0.696028	0.776394	0.894374	0.893357	0.818426	0.783352	0.72895	0.991181	0.730006
0.751473	0.794508	0.816575	0.813299	0.757203	0.860685	0.833665	0.796214	0.899502	0.942486
0.831301	0.756146	0.742206	0.871467	0.714064	1.201911	1.046472	0.929633	0.701034	0.751642
0.736122	0.71191	0.961489	1.000417	0.797384	1.194669	0.885927	0.82083	0.700265	0.625851
0.692319	0.857566	0.982037	0.863323	0.873529	0.722201	0.706516	0.763051	0.875849	0.702485
0.950615	0.884393	0.932383	0.703197	0.853477	0.644825	0.740745	0.983613	0.847988	0.778932
0.926576	0.6883	0.847423	0.71944	0.956163	0.7566	0.903638	0.966278	0.985218	1.026996
0.638254	0.771643	0.831194	0.798158	1.063569	1.036	1.135352	1.003207	0.785742	1.056959
0.595603	0.881993	0.900099	0.958278	0.938595	0.845422	0.810689	0.82388	0.653688	0.903265
0.760242	0.85531	0.638081	0.885793	0.893357	0.74032	0.82053	0.910536	0.780166	0.910585
0.835494	0.884393	0.653322	0.671684	0.837447	0.83484	0.875636	0.957863	0.940248	0.74909
0.731952	1.099509	0.771739	0.721098	0.920439	0.920043	0.896466	0.734728	0.708799	0.710172

0.750606	0.851947	0.822278	0.872643	0.821987	0.707139	0.994457	0.865612	0.747277	0.987068
0.971716	0.947753	0.939138	1.079978	0.672665	0.692582	1.038179	0.858925	0.763855	1.12998
0.848322	0.894127	0.811472	1.016516	0.824017	0.829643	0.888247	1.045267	1.015888	0.808052
0.861541	0.837669	0.753601	1.281675	0.949322	1.011768	0.830598	0.871264	0.932312	0.778932
1.21698	1.145275	0.964366	1.050622	0.714854	0.825531	0.833665	0.789564	1.040401	0.853055
1.059257	1.237841	1.38995	0.965509	0.85239	0.969861	1.026829	0.767508	0.920672	0.915534
0.79624	0.953358	0.968717	1.119703	1.182707	1.16461	1.113318	0.761281	0.688892	0.696432
0.977521	0.803403	0.895149	0.903128	1.007329	1.05641	1.003462	1.043571	0.740482	0.792779
1.171293	1.050988	0.920483	0.838679	0.757203	0.981428	0.956094	0.911784	0.858919	0.946476
0.834442	1.054534	0.85297	0.795192	0.842725	1.464747	1.038179	1.048677	0.911829	0.618882
0.818958	0.830171	0.767133	0.894374	0.782339	1.011768	1.015768	1.014136	0.847988	0.706311
0.853781	0.83659	0.812487	1.115563	1.061807	0.895318	0.940075	0.889862	0.991181	0.985603
0.956142	0.993208	0.880629	0.922502	0.96032	1.070569	0.958822	0.82083	0.918127	0.966998
1.15781	1.324713	0.782996	0.925152	0.875816	0.852987	0.904845	1.078802	0.835223	0.877435
1.012492	1.058109	0.848526	0.971382	0.903011	0.811436	0.829581	0.927038	0.889886	0.783499
0.850498	0.869027	0.859721	0.978837	0.752864	0.912476	0.850396	0.683823	0.747277	0.869528
0.876331	1.025278	1.011575	1.08571	0.797384	0.881132	1.003462	0.882794	0.800003	0.972638
1.109687	0.922077	0.858589	0.925152	1.049666	0.940889	1.218928	1.289564	1.035387	0.857387
1.282542	0.930022	1.10251	1.091519	1.079761	0.883464	0.881323	0.846926	0.894667	0.795602
0.983404	0.935401	1.164213	1.350235	0.905458	1.171364	0.968509	0.707358	0.864489	1.069194
1.006204	0.873697	0.875895	0.948352	0.861166	0.996333	0.854682	0.915547	0.919397	0.900853
0.927877	0.783879	0.715366	0.965509	0.835353	1.122081	0.988555	1.113154	1.099759	0.694932
0.900115	0.796469	0.809447	0.888228	0.907919	0.922594	0.772525	0.85782	1.103632	0.746553
0.797204	1.21924	1.029642	0.705595	0.924266	0.704808	0.671245	1.119153	1.709677	1.005041
1.229846	1.355635	1.009969	0.732887	0.754595	0.934266	1.001948	0.974859	0.974975	1.040058
0.828182	0.944978	1.002029	0.741507	0.883914	1.387353	1.199445	0.966278	0.763855	1.179606
0.771004	0.856437	1.173455	1.312978	1.085296	1.110095	0.962947	0.845852	0.714318	0.879721
0.836549	0.911704	0.851855	1.036657	0.978808	0.688831	0.678361	0.883964	0.69492	0.765513
0.984887	0.838751	0.669849	0.666526	0.868993	0.754858	0.765454	0.794303	0.827947	0.863967
1.045374	0.911704	0.797492	0.734597	0.843788	0.876504	0.901234	0.747373	1.006457	1.087292
1.162258	1.328043	1.00837	0.843057	0.974471	1.256301	1.056637	0.96065	0.967804	1.063908
0.956142	1.056317	1.081222	1.040106	0.83955	0.883464	1.072344	1.086204	0.798075	0.962815
1.015671	1.025278	0.848526	0.984894	0.861166	0.961384	1.086801	1.053844	0.889886	0.799395
1.048803	1.0388	0.857459	0.991037	0.93464	1.209277	1.074125	0.873546	1.043777	0.826916
1.036917	1.008947	0.901345	1.212061	1.155685	1.100352	1.107498	0.83735	0.822823	0.779841
0.950615	0.843105	0.977551	1.010005	0.712487	0.827582	0.985634	0.770205	0.940248	0.938532
0.984887	0.824894	0.916587	0.926483	0.821987	0.890538	1.158563	0.932244	0.909336	0.819871
0.841861	0.759743	0.877074	0.843057	0.922986	1.037665	1.038179	1.360664	0.914337	0.65422
0.960334	0.95195	0.979041	0.836506	0.983189	0.958595	0.85684	0.916809	0.760312	0.838224
1.245807	1.235134	1.083115	1.068736	0.73427	1.011768	0.84721	1.103336	0.818768	0.914292
0.86491	1.268782	0.896381	1.054185	0.849144	1.066985	0.894102	1.23108	1.08275	0.904477
0.86717	0.798439	0.967262	1.648445	1.029612	1.03269	1.115275	1.030242	0.938915	0.949157
0.960334	0.973564	1.217669	1.13667	1.087156	1.019696	1.026829	0.949609	0.81176	0.946476
0.986376	1.136587	0.88904	0.771234	1.15134	0.95307	0.860099	1.159203	0.801941	0.871773
0.943803	1.125966	0.774526	0.821595	1.314736	0.925161	0.827553	1.088075	1.071769	0.865074
0.839728	0.873697	0.932383	0.952578	1.036194	1.0102	0.929714	0.870128	0.887515	0.82895
0.84508	1.352088	1.120738	0.961156	0.904233	0.902589	0.974142	0.772012	0.970658	1.065663

0.987869	1.076439	0.819667	0.880965	0.795474	0.760107	0.949347	0.919344	1.196515	1.001994
1.164499	0.883192	0.710513	0.969906	1.185037	0.886986	0.850396	1.075147	1.334228	0.82895
0.833392	0.866711	0.799461	0.915947	0.816953	0.92645	0.799168	0.66573	0.880478	0.823883
0.926576	0.897834	0.925732	0.980343	0.664134	0.813421	0.695183	0.597033	0.707235	0.925605
1.007768	1.107479	1.10251	0.918557	0.6264	0.724628	0.818544	0.833161	0.804863	0.825903
1.018872	0.930022	0.935073	1.063222	0.685045	0.90627	1.074125	0.870128	1.066381	0.91803
0.852684	1.012164	0.95438	1.189502	1.134383	0.962786	0.94801	0.787683	0.857813	0.778024
1.012492	1.083994	1.135464	1.290831	0.99964	0.923876	0.714239	0.766613	0.976423	0.942486
1.084674	0.922077	0.836536	1.036657	0.741781	0.79301	0.665636	0.80884	0.931003	0.971221
0.926576	0.807415	0.805425	0.863323	0.697028	0.869654	0.796335	0.897047	0.898288	0.885488
0.898895	0.969154	0.92838	0.998839	0.932023	0.990309	0.773417	0.751672	0.983739	0.914292
0.840793	0.927358	0.916587	0.9305	1.327518	1.0495	0.737445	0.898256	1.038723	0.892512
1.055745	1.109495	0.901345	0.805158	0.912884	1.058154	1.365694	1.249713	0.891076	0.879721
1.014078	1.0388	1.157407	0.971382	1.124112	1.153581	1.086801	1.165879	1.025528	1.033478
0.891642	0.909149	1.022985	0.898104	1.079761	0.867394	0.752498	0.888676	0.89227	0.883172
0.925279	1.031987	0.807431	0.919868	0.880424	0.734472	0.85684	1.135569	0.778323	0.782581
1.025348	0.99787	0.797492	0.806167	0.838497	0.799708	0.809717	0.952343	0.790444	0.837184
0.88806	0.966239	0.783948	0.811249	1.110128	1.147096	1.018899	0.963455	0.819778	0.924334
0.958932	1.03538	0.86889	0.792246	0.921711	1.0815	1.121202	0.850166	0.699497	0.863967
1.199584	0.902826	0.782047	1.154327	0.968755	0.710267	1.067045	1.170387	0.91686	1.259703
1.300606	0.853065	0.791635	1.079978	1.054828	0.865147	1.028432	0.862255	1.043777	0.926881
1.000006	1.117652	0.774526	1.08188	1.185037	1.410337	0.992974	0.767508	1.054064	0.762878
0.995415	1.352088	0.960058	1.51619	1.340687	1.066985	0.990023	0.766613	0.87241	0.892512
1.010912	0.943597	1.241587	1.263922	0.924266	0.923876	1.092348	0.824902	1.030429	1.092872
0.947877	0.791584	1.018058	1.134513	0.85566	0.895318	0.883619	0.855619	1.04889	0.887817
0.846158	0.894127	0.88662	1.121788	1.245063	1.160165	0.904845	1.133483	0.997227	0.805147
1.036917	0.932703	0.836536	0.959715	0.843788	0.827582	0.882469	0.93619	0.851238	1.005041
1.02372	1.058109	1.28766	0.841958	0.684307	0.978507	0.736623	0.889862	0.910581	0.979793
0.945156	1.109495	0.87472	0.879766	0.871255	0.923876	0.709589	0.842644	0.864489	0.733265
0.931804	0.806409	0.864281	0.870294	0.932023	0.909983	0.767211	0.964864	0.836273	0.72356
0.971716	0.739456	1.094648	1.038378	0.903011	0.826555	0.942704	0.980675	0.937587	0.904477
0.947877	0.94222	0.857459	0.811249	0.741781	0.852987	0.788868	1.360664	0.967804	0.902057
0.79432	1.007347	0.951569	0.845262	0.890977	1.206807	0.892925	1.007858	0.779243	0.850905
0.844004	0.961903	1.255467	1.346713	1.12007	0.884635	0.998936	0.886314	0.6401	0.785339
0.868305	1.007347	1.249861	1.548454	0.996602	0.738641	0.86669	0.953716	0.924517	0.81
1.018872	0.918158	0.816575	0.926483	1.15134	0.985846	0.875636	1.071523	0.904391	0.914292
1.010912	1.065348	0.81555	0.955419	1.096581	1.110095	0.895283	0.82798	0.698731	0.815895
0.742878	1.050988	0.952972	1.036657	0.846994	0.767206	0.987092	0.631005	0.706455	0.823883
0.870583	1.042248	0.967262	0.913353	0.827079	0.831714	0.93357	0.813796	0.853419	0.809025
1.392716	1.037087	0.757169	0.827923	0.846994	0.784548	1.094213	0.906816	0.824866	0.892512
1.259571	1.18427	0.721097	0.962602	0.914134	0.918772	0.942704	0.946892	0.929698	0.984144
0.892842	0.973564	0.859721	0.953996	0.729334	0.940889	0.857924	0.783015	0.808791	1.089144
0.956142	1.021963	0.872378	1.021464	0.755463	0.898938	0.823526	0.779316	0.765637	0.939846
1.053999	0.890451	0.902595	1.055977	0.93464	0.816417	0.862285	0.915547	0.79329	0.810977
1.012492	0.805404	0.856332	1.322826	0.890977	0.844352	0.953383	1.041883	0.928397	0.902057
0.703057	0.931361	0.989618	0.975839	0.788857	0.767206	0.749953	0.84478	0.904391	0.765513
0.935767	0.961903	0.857459	0.72193	0.776829	0.805532	0.829581	0.85343	0.936262	0.902057

1.038595	0.825944	0.697831	0.752083	0.747714	0.841158	0.734169	0.858925	0.873553	0.858477
0.937096	0.713531	0.737901	0.912062	0.798342	0.864027	0.806815	0.956477	0.946975	0.821872
0.831301	0.829111	0.861995	0.808193	0.858955	0.80261	0.837788	0.842644	0.944272	0.740689
1.273785	0.935401	0.818634	0.738038	0.928127	0.807491	0.764578	0.944191	1.019077	0.796547
1.11567	1.105472	0.88662	0.978837	0.920439	0.987329	0.86119	0.942848	0.79329	0.950504
0.787664	0.822801	1.066371	1.045332	1.070691	1.169101	0.91586	0.804916	0.715112	0.786262
0.799137	0.736878	0.825916	0.745883	0.935954	0.92904	0.883619	0.913035	0.877002	0.824891
0.967413	1.018672	0.772666	0.720268	0.874671	0.824509	0.885927	1.157001	0.960749	1.102334
0.99694	1.02862	0.823823	0.645783	0.849144	0.917506	1.056637	0.904353	0.75418	1.067425
0.668013	0.91946	0.988091	0.756567	0.992085	0.997852	0.811663	0.843711	0.673454	0.834078
0.731123	0.824894	1.053779	0.9305	0.989099	0.92645	0.739092	0.937513	0.867866	0.878576
0.911259	0.979514	0.712933	0.931848	0.826056	0.841158	0.868909	0.793351	0.873553	1.104251
0.826115	0.988595	0.731945	0.849707	0.788857	0.84757	0.903638	0.667861	0.788557	0.850905
0.762017	1.235134	0.927054	0.914648	1.079761	0.943566	1.19707	0.862255	0.818768	0.739029
0.958932	1.026946	0.793579	0.914648	0.78792	0.825531	0.903638	0.879303	0.709583	0.834078
1.211938	0.960467	0.82802	0.965509	0.718828	0.768999	1.056637	0.810816	0.785742	0.942486
1.121736	0.874873	0.786815	0.96697	0.851305	0.942225	1.011112	0.949609	0.852327	0.818873
0.805972	0.840923	0.713742	1.275676	0.941252	0.883464	0.88018	0.866736	0.933624	0.853055
0.849409	1.004165	0.890255	1.309744	0.872391	0.767206	0.958822	0.814794	0.857813	0.958673
0.835494	0.769791	1.088843	1.357367	0.667668	0.782689	1.221426	0.804916	0.860027	0.916781
0.939766	0.776309	0.927054	0.927818	0.707791	0.882296	0.873382	0.824902	1.000282	0.733265
0.790504	0.829111	0.728578	0.78545	0.819966	0.979965	0.801067	0.89344	0.934941	0.74571
1.178195	0.930022	0.74568	0.866794	0.829133	0.927743	0.934863	0.755141	0.865612	0.806113
1.412146	1.208958	0.809447	0.773103	0.777743	0.898938	1.226465	0.856718	1.148672	0.899651
0.907513	0.922077	0.881821	0.746763	0.821987	0.902589	0.965719	0.946892	0.962151	0.787187
1.05226	0.775372	0.88662	0.803146	0.945268	1.083349	0.744906	1.188902	0.90194	0.854134
1.199584	0.884393	1.081222	0.895614	0.827079	0.944911	0.706516	0.879303	0.886334	0.885488
0.880985	0.916859	0.881821	0.761097	0.770488	1.108129	0.788868	0.941508	0.908094	1.06216
0.902567	1.063527	0.873548	0.734597	0.856756	0.987329	0.952033	0.916809	0.938915	0.825903
0.945156	0.926031	1.022985	1.011623	0.946615	0.715795	0.833665	0.826952	0.782945	0.800348
0.835494	0.845299	1.228137	1.13023	0.993585	0.779917	0.725287	0.963455	0.858919	0.803221
0.986376	0.909149	0.826967	0.808193	0.926836	0.932954	0.674789	1.007858	0.849068	0.830994
0.79432	1.03368	0.728578	0.681431	0.856756	1.16685	0.870023	1.119153	1.061059	0.976917
0.723731	0.820717	0.900099	0.863323	0.802194	0.881132	0.849331	0.933555	0.925807	0.851978
0.905033	0.899077	1.062736	1.287758	1.019922	0.666271	0.86119	0.809827	0.877002	0.813921
0.850498	0.781025	0.783948	0.824747	0.804133	0.68734	0.766331	0.707358	0.920672	0.962815
1.02372	0.809435	0.57602	0.729486	0.7741	0.679227	0.860099	0.870128	0.952433	0.96143
1.031921	0.793531	0.616826	0.779708	0.746861	0.81742	0.964331	0.755141	0.732963	0.884329
0.91885	0.988595	0.861995	0.965509	0.735098	0.920043	0.876768	0.740583	0.879316	0.879721
0.85709	0.928688	0.82174	0.872643	0.810989	0.734472	0.863382	0.769304	0.799038	0.694932
1.035245	0.703897	0.694718	1.154327	0.806081	0.722201	0.896466	0.849083	0.885156	0.734084
0.930491	0.726718	0.833323	1.13667	0.928127	0.826555	0.789795	0.788622	0.735455	0.718787
1.025348	0.847504	1.182899	1.06689	0.879268	0.912476	0.690731	0.772918	0.763855	0.749939
1.014078	1.174774	1.027968	0.955419	0.771388	0.789228	0.78062	0.804916	0.821806	0.740689
0.956142	0.793531	0.835463	0.851947	1.032891	0.996333	1.16292	1.228482	0.997227	0.775313
0.964568	0.83659	0.88662	1.061399	1.255926	1.100352	0.97985	0.918075	0.894667	0.760259
1.151223	0.979514	0.946	0.821595	0.922986	1.065205	0.706516	0.790508	0.924517	0.792779

1.509771	1.186676	0.912726	0.809209	0.663431	0.809459	0.796335	0.811807	0.860027	0.93073
0.855984	0.91946	1.062736	0.929157	0.782339	1.037665	1.049834	0.821844	0.737124	0.82087
0.79432	0.902826	0.88662	0.949756	0.929422	0.991808	1.065293	0.966278	0.831051	0.804183
0.990872	1.03538	0.738759	0.935915	1.089025	1.112069	0.938766	1.101399	1.119475	1.009653
1.09604	0.904083	0.839774	0.817427	0.866742	1.100352	1.257995	1.1232	0.973531	1.337786
0.897678	0.787714	1.114577	0.944167	0.978808	1.022909	0.927162	0.882794	0.725571	0.776215
0.931804	0.809435	0.857459	0.867958	0.939922	1.011768	0.777003	0.819818	0.83209	0.765513
1.262377	0.853065	0.704126	0.686004	0.883914	0.814418	0.787022	0.974859	0.89227	0.896067
1.294501	1.271708	0.883016	0.817427	0.81896	0.829643	0.755058	0.988057	0.948333	0.829971
0.842931	1.138743	0.961489	0.718613	0.88861	0.903812	0.946678	0.83212	0.938915	0.8477
0.978984	1.03368	0.952972	0.998839	0.993585	0.90504	0.849331	0.940172	0.985218	1.011202
1.09032	0.940848	0.89392	1.070589	0.838497	0.860685	0.873382	1.01572	0.804863	0.923066
1.04028	0.99787	0.947386	0.903128	0.984659	1.147096	0.913388	1.095639	1.06817	0.835111
0.751473	1.201403	0.968717	1.117628	1.185037	0.961384	1.105575	0.82388	1.057547	0.799395
0.863784	0.993208	0.960058	1.128104	0.965925	0.783617	1.086801	0.840519	0.847988	1.040058
0.863784	0.981014	0.911447	1.297044	0.759828	0.780839	1.450244	1.21072	1.04889	1.331255
0.869442	1.018672	0.727741	0.933199	0.838497	0.885809	1.063548	0.878145	1.105581	0.859569
0.929182	0.915565	0.860857	1.249663	0.938595	1.128201	1.056637	0.716025	1.061059	0.827932
1.18052	0.984031	0.92971	1.357367	1.122086	1.09461	1.131262	0.688279	0.838379	0.786262
1.057497	0.885598	0.961489	0.955419	0.789796	0.889351	1.147859	0.822861	0.928397	0.942486
0.935767	0.789645	0.901345	0.750303	0.819966	0.985846	1.015768	0.872403	0.945621	0.739029
1.06458	0.71272	0.642873	0.995701	1.001167	1.106171	0.825535	0.856718	0.952433	0.763755
1.279604	0.734316	0.697051	0.998839	0.788857	0.967017	0.87114	0.84158	1.033728	1.110055
0.868305	0.857566	0.890255	0.791269	0.735928	1.011768	0.923362	0.753403	1.105581	1.05182
0.876331	0.829111	1.124895	1.006785	0.898157	1.149247	1.072344	0.858925	0.951062	0.819871
0.927877	0.728395	0.977551	1.134513	1.226682	1.066985	0.815582	1.050393	1.043777	0.778932
1.313079	1.049226	0.906367	1.158855	0.987614	0.865147	0.719728	0.787683	0.955187	0.965599
1.173581	1.265877	0.906367	0.649289	0.752001	0.914984	0.750799	0.83946	1.247571	1.177326
0.797204	0.950547	0.891473	0.712055	0.705462	1.034342	1.033278	0.921893	0.828979	0.742356
0.721295	0.74904	1.192552	0.922502	0.947966	0.972724	1.072344	0.96065	0.700265	0.715635
0.780181	0.770716	1.090769	0.901866	0.886255	0.845422	0.755058	0.858925	0.833132	0.878576
1.055745	0.770716	0.793579	0.787381	0.724453	1.03269	0.85684	0.934871	0.995708	0.877435
0.816935	0.85531	0.697051	0.708006	0.698549	1.085205	1.123195	0.900685	0.732135	0.757656
0.694598	0.711102	0.686269	0.721098	0.854567	0.7708	1.004982	1.031886	0.701034	0.829971
0.738643	0.835514	0.988091	0.944167	0.932023	0.84222	0.892925	0.988057	0.853419	0.888986
0.957535	0.808424	0.758964	0.739769	1.054828	0.999377	0.87114	0.927038	0.980798	1.001994
0.88806	0.935401	0.675007	0.743252	0.926836	1.074182	0.853606	0.925746	0.885156	0.882018
0.832345	0.823846	0.792606	0.997268	0.801228	0.909983	0.994457	0.792401	0.755923	0.904477
0.956142	0.867867	1.029642	0.972863	0.887431	0.805532	1.001948	0.906816	0.87127	0.812938
1.082809	0.901573	0.924413	0.850826	0.804133	0.794913	0.853606	0.988057	1.032075	0.935916
0.844004	0.957609	0.640813	0.846369	0.906687	0.898938	1.003462	1.174942	1.142248	0.969809
0.833392	1.007347	0.68703	0.890676	1.058303	1.005528	0.919595	0.597033	0.711944	1.096632
0.818958	1.211505	0.880629	1.047089	0.946615	1.041014	0.975562	0.567783	0.648884	0.929443
0.736961	1.02862	0.925732	0.877379	0.764238	0.760107	0.805852	0.956477	0.837325	0.780753
0.808935	0.746406	0.758964	0.756567	0.831196	0.706361	0.853606	1.071523	0.985218	0.793718
0.797204	0.744658	0.751829	0.795192	0.942587	0.761871	0.803931	0.64768	0.711944	0.717997
0.66873	0.806409	0.99115	0.961156	0.771388	0.884635	0.854682	0.72244	0.631491	0.711726

0.790504	0.889233	0.806427	1.002	0.650961	0.692582	0.819535	0.672877	0.601717	0.640794
0.738643	0.632319	0.577202	0.933199	0.746861	0.718986	0.912157	0.7058	0.688892	0.512891
0.785781	0.601144	0.546371	0.847479	0.846994	0.78548	0.668431	0.634949	0.657152	0.661092
0.664446	0.542054	0.683237	0.654959	0.627046	0.90504	0.6499	0.506177	0.743018	0.924334
0.729469	0.757941	0.645635	0.676905	0.667668	0.907504	0.833665	0.762165	0.78109	0.972638
0.826115	0.650892	0.708107	0.901866	0.749424	0.95307	1.14365	1.078802	0.828979	0.699448
0.894046	0.787714	0.808438	1.029839	0.915387	0.903812	0.854682	0.731417	0.804863	0.775313
0.949244	1.099509	0.830133	0.744127	0.846994	0.897728	0.712683	0.700393	0.903164	1.035114
1.209439	1.067177	0.851855	0.762009	0.697788	0.897728	0.887085	0.921893	0.932312	0.785339
0.894046	0.723384	0.802433	0.904393	0.748568	0.971291	1.129231	1.196053	1.052332	0.805147
0.802053	0.736878	0.988091	0.938649	0.843788	0.978507	0.956094	0.938841	1.208728	0.867295
0.941107	0.935401	1.0966	0.780659	0.95893	0.895318	0.786101	0.900685	1.121496	0.854134
1.416138	1.087821	1.124895	0.784488	0.932023	0.997852	0.967112	0.904353	0.828979	0.811956
1.009337	0.99631	0.906367	0.896857	0.865621	1.204352	0.964331	0.974859	0.819778	0.769051
0.734449	0.797453	0.974586	1.010005	0.777743	0.816417	0.80202	0.826952	0.737961	0.71485
0.88333	0.985547	1.036403	0.955419	0.826056	0.760107	0.748264	0.791454	0.854513	0.807082
0.923985	0.847504	1.039823	1.048852	1.05138	0.908742	0.767211	0.834204	0.982266	0.920541
0.885689	0.722554	0.976066	0.922502	0.860059	1.08707	0.918346	1.033536	0.857813	0.920541
0.676695	0.71679	0.971642	0.825803	0.81896	1.414289	1.056637	1.004752	0.858919	0.725163
0.871726	1.010553	0.944619	0.843057	0.896952	0.861796	0.768092	1.076971	0.866738	0.81
0.961741	0.924709	0.739618	0.830053	0.937273	0.747956	0.774311	0.955094	0.998752	0.951855
0.950615	0.739456	0.699396	0.743252	0.885083	0.694848	0.781529	0.903127	0.730485	0.992977
0.79432	0.959036	1.290709	0.779708	0.939922	0.815416	0.822525	0.871264	0.685166	0.965599
0.835494	1.078315	1.303121	0.906934	0.915387	1.0102	0.87114	0.854523	0.820791	1.012756
1.036917	1.052757	0.825916	0.857598	0.841664	0.72544	0.757634	0.913035	0.743018	0.824891
0.964568	0.924709	0.776394	0.783527	0.932023	0.832754	0.876768	0.874691	0.780166	0.880868
0.707741	0.899077	0.813506	0.797167	1.15134	1.160165	0.968509	0.728131	0.782945	0.902057
0.748877	1.083994	0.925732	0.919868	0.91917	1.024524	0.953383	0.849083	0.847988	1.227911
0.925279	0.988595	1.073733	1.145409	1.001167	0.811436	1.065293	1.020507	0.729662	0.965599
1.066369	1.085903	0.772666	0.980343	0.96032	0.996333	0.968509	0.945539	0.826918	0.832019
0.929182	1.069014	0.803428	1.222477	1.234464	0.968437	0.874508	0.732242	0.955187	0.90691
0.85931	1.109495	0.859721	0.974348	1.001167	0.78548	0.75936	0.69886	0.824866	0.908131
0.925279	0.902826	0.756274	0.839769	0.648237	0.733643	0.904845	0.867864	0.893467	0.923066
0.850498	0.738595	0.81555	0.818465	0.645531	0.798745	0.952033	1.010986	1.050608	0.802262
0.770097	0.799427	0.763483	1.010005	0.808038	0.997852	0.86669	0.89344	0.952433	0.890158
1.09032	1.119716	0.947386	1.336315	0.916645	0.743697	0.876768	0.816797	0.953808	1.096632
0.882156	0.981014	1.034703	1.031533	0.831196	0.781763	0.76986	0.916809	1.255775	0.899651
0.945156	0.736023	0.895149	1.057777	0.973035	1.232153	1.02364	0.80884	0.889886	0.798444
0.964568	0.758841	0.76805	1.033234	1.060051	1.037665	0.938766	0.829012	0.688144	0.772618
1.08843	0.844201	0.81555	1.147621	0.886255	0.779917	0.667731	0.786745	0.755051	0.905692
0.920128	0.749922	0.832257	0.779708	0.821987	0.809459	0.62067	0.916809	0.862252	0.838224
0.833392	0.807415	0.916587	0.642998	0.892165	1.096516	0.890579	0.886314	0.894667	0.892512
0.831301	0.807415	0.87005	0.789321	0.886255	0.92904	0.956094	1.111173	0.790444	1.067425
0.812916	0.785792	0.948776	0.965509	0.886255	0.858472	0.862285	1.014136	0.952433	1.069194
0.958932	0.839836	0.85297	0.708813	0.748568	0.788288	0.756774	0.944191	0.766531	0.859569
1.043669	0.810449	0.666203	0.665794	0.754595	0.888167	0.860099	0.878145	0.711155	0.800348
0.916305	0.862114	0.711318	0.88945	0.914134	0.873066	1.017331	0.84158	0.828979	0.981239

0.958932	0.935401	0.915296	1.061399	1.004237	0.958595	0.994457	0.815794	0.906856	1.07097
1.053999	1.018672	0.837613	0.760188	0.845923	0.772608	0.903638	0.959255	0.838379	0.794659
1.117683	1.078315	0.688557	0.890676	1.157873	0.794913	0.97985	0.957863	0.778323	0.803221
0.942453	0.985547	0.900099	0.927818	1.012009	1.016508	1.101755	0.785809	0.967804	1.022197
0.907513	1.143086	1.026301	1.117628	1.016739	0.868523	0.961568	0.854523	1.030429	1.230473
0.86491	1.054534	0.933726	1.047089	1.144903	0.930341	0.907269	0.934871	1.164042	0.74403
1.077259	0.818644	0.734488	1.079978	1.29927	1.21176	1.619265	1.115145	0.994193	0.786262
1.279604	1.072711	0.850742	1.119703	0.911637	1.128201	1.015768	0.988057	0.867866	1.265235
1.245807	1.21924	1.086925	0.956846	0.91917	1.021299	0.877902	1.152629	0.991181	1.030225
1.05226	1.008947	0.908899	0.895614	0.7401	1.061665	1.131262	1.084342	1.020681	0.735726
0.990872	0.799427	0.979041	1.121788	0.776829	0.950333	0.990023	0.863371	0.833132	0.754209
1.209439	0.896595	1.187699	1.238583	0.879268	0.767206	0.743237	0.840519	0.899502	0.805147
1.335809	1.311647	1.13333	0.870294	0.924266	0.936903	0.810689	1.101399	1.166282	1.067425
1.339155	1.305258	0.939138	1.003589	0.885083	1.014922	1.004982	1.196053	0.879316	1.031849
0.884508	0.752579	0.884214	1.143207	0.93333	1.709796	1.358765	1.01731	0.751579	0.792779
0.906271	0.8323	0.932383	0.912062	0.872391	0.947614	0.867798	1.071523	0.879316	0.762878
1.232466	1.35921	1.050248	0.895614	1.192102	0.804556	0.87226	1.25795	1.030429	0.937222
1.303691	1.412631	0.986569	0.818465	0.977358	0.959988	1.619265	0.913035	0.771029	1.05012
0.977521	0.935401	0.924413	0.915947	1.067116	1.138596	1.310048	0.969119	0.798075	0.897258
0.836549	0.944978	1.05734	1.548454	1.347425	0.978507	0.919595	1.045267	0.910581	0.818873
1.000006	1.002583	0.99423	1.357367	1.164507	0.888167	0.949347	1.463158	0.960749	0.965599
1.057497	1.693974	1.146297	1.091519	1.138561	1.451572	1.269035	1.161417	1.011147	1.191188
0.961741	1.302099	1.110517	0.877379	1.340687	1.516792	1.077709	1.004752	1.231615	1.140296
1.073599	1.254444	1.753033	1.125988	1.116066	0.955824	0.928436	0.938841	0.883982	1.34777
1.117683	1.087821	1.215091	1.423236	0.744313	0.792062	1.008036	1.041883	0.81776	1.104251
1.175882	0.988595	0.825916	1.163432	0.836399	0.993311	1.231564	0.937513	0.976423	0.916781
0.970277	0.950547	0.714553	1.145409	1.102335	1.358486	2.130773	0.955094	1.028789	1.020609
1.121736	1.254444	0.806427	1.057777	1.008883	0.938227	1.199445	0.826952	0.838379	1.170558
1.377775	1.268782	1.062736	0.975839	0.74094	0.968437	1.813383	0.927038	0.767427	1.019027
1.530146	0.966239	0.855209	1.227779	0.876963	1.104223	0.984181	1.071523	1.173075	0.832019
1.224654	0.987068	0.747428	1.165738	1.204138	1.296757	0.902434	0.948248	1.144379	0.921801
1.173581	1.328043	1.108501	1.402805	1.23709	1.194669	1.02364	0.848003	0.977877	1.132024
1.018872	1.229771	1.339208	1.233148	1.12007	1.194669	0.913388	1.075147	1.446864	1.07097
1.173581	0.973564	1.122812	0.949756	1.185037	1.088943	1.053222	1.330158	1.337548	1.132024
1.062798	0.84972	0.968717	1.143207	1.32108	0.942225	0.934863	1.412836	1.08275	0.871773
1.834947	1.023617	0.982037	1.08188	1.001167	0.942225	0.903638	0.911784	1.269802	1.040058
1.724122	1.091682	0.77827	1.029839	0.970177	1.05641	0.958822	0.919344	1.759536	1.205507
0.875175	1.109495	0.915296	0.986421	1.185037	1.631138	1.494891	0.979214	1.023906	0.958673
0.923985	1.095577	1.064549	1.061399	1.074297	0.911228	1.300928	1.244307	0.944272	0.876296
1.004646	1.072711	0.962925	0.764756	0.949322	0.849729	0.84721	0.923174	0.910581	1.019027
1.404269	1.271708	0.944619	0.769374	0.909155	1.08707	0.825535	1.038525	0.790444	0.854134
0.945156	1.35921	0.875895	0.93728	1.201704	1.171364	0.920847	1.066144	0.787616	1.006573
0.897678	1.450803	1.405608	1.677506	0.899365	1.051217	1.061733	1.057323	0.794242	1.248845
1.149049	1.277328	1.966333	1.885551	0.916645	0.897728	1.27184	1.075147	0.982266	0.958673
1.480898	1.095577	0.873548	1.019808	1.239731	0.886986	1.241944	1.272035	1.464357	1.119903
0.967413	0.922077	0.72607	1.036657	1.429385	1.100352	1.303947	1.181866	1.008015	1.125921
0.862661	0.947753	0.968717	1.117628	0.961714	0.994819	1.266249	0.777478	0.809778	1.44976

0.949244	1.211505	1.585783	1.25531	0.780495	0.873066	0.972727	0.938841	1.042086	0.992977
1.178195	1.246063	0.840858	0.956846	0.851305	0.800673	1.01421	1.095639	1.008015	0.826916
1.325921	0.928688	0.662586	1.010005	1.153507	1.05641	1.10366	0.982141	0.952433	0.93073
0.895253	0.753468	0.878256	0.891905	1.065339	1.658121	1.004982	0.897047	0.802913	1.056959
1.28848	0.972089	1.417733	1.132366	0.848068	1.122081	1.4021	1.314093	0.852327	1.12998
1.404269	1.167787	1.05734	1.431686	0.911637	1.09843	1.658559	1.244307	1.047179	0.822876
1.047085	0.960467	1.479276	1.388736	1.371865	1.12006	0.934863	0.829012	0.862252	0.740689
1.15781	1.021963	1.405608	1.206946	1.648726	1.324907	0.746582	1.103336	1.206258	1.056959
1.535392	1.177129	1.146297	0.827923	0.922986	1.122081	1.001948	1.357167	1.468843	1.694932
2.295958	0.947753	1.116621	0.972863	0.963113	1.369087	1.137411	1.420828	0.863369	1.026996
1.077259	0.837669	1.079338	1.249663	0.906687	1.245403	0.945349	1.203325	0.776488	0.867295
0.809927	0.775372	0.860857	0.884581	0.977358	0.819434	1.034906	2.38552	0.983739	0.933315
0.894046	1.074571	0.91918	0.811249	1.002699	0.851898	1.009571	1.367744	1.394437	1.069194
1.18052	0.987068	0.94187	0.748529	1.211524	1.192281	1.174008	1.059072	0.85671	1.233051
0.886873	0.916859	1.182899	1.028151	1.562714	1.199484	1.034906	1.078802	1.062826	1.127946
0.956142	0.949148	1.166505	1.13023	1.132309	0.92904	1.351945	1.408894	1.206258	1.222831
1.270905	0.961903	0.921789	1.275676	0.967338	0.733643	1.28614	1.266346	1.101691	1.138214
1.432485	1.083994	0.856332	1.043583	1.157873	1.162382	1.056637	0.944191	1.009578	1.089144
0.963152	1.331397	0.840858	1.006785	1.714633	1.027772	1.117242	0.905583	0.878157	1.146606
0.890445	1.433422	1.137609	1.061399	0.954786	0.854078	1.096086	0.887493	0.860027	1.279383
1.103786	0.93405	1.055556	1.343219	0.932023	0.94626	1.229007	1.050393	1.001818	0.981239
1.25126	0.854186	0.630657	0.962602	1.061807	1.061665	0.91586	1.033536	1.148672	0.721963
1.050528	0.794508	0.746553	1.128104	0.99964	1.234771	0.902434	0.919344	1.025528	0.981239
1.557035	1.19153	1.139765	1.419073	1.023128	1.259069	1.27184	0.84478	1.115459	1.549875
1.445163	1.025278	1.195	1.002	0.880424	1.497138	2.656918	0.944191	0.830014	0.877435
1.166752	1.008947	1.079338	0.948352	1.016739	1.361991	1.187698	1.401117	0.914337	0.764633
1.562619	1.341619	1.118675	1.309744	1.044565	1.108129	0.775206	0.903127	0.986701	1.184202
1.732351	2.062365	1.178151	1.050622	0.95893	0.947614	0.875636	0.949609	1.857946	0.995962
0.837606	1.338185	1.386122	0.859879	0.91917	1.361991	1.338618	1.357167	1.231615	0.791842
0.762017	0.899077	1.04327	1.196892	1.204138	1.224393	2.220825	1.500268	0.85561	0.971221
1.066369	0.900323	1.460784	1.228308	1.324287	1.178225	0.998936	1.286592	1.094015	1.45836
1.177363	1.216646	1.545467	1.252477	1.079761	1.128201	0.960193	1.033433	1.223851	1.188847
1.224654	1.059907	0.805425	0.900609	1.397763	1.051217	0.854682	1.067929	0.940248	1.076343
0.829219	0.717609	0.808438	1.08571	1.296242	1.160165	1.171768	0.929633	0.728021	0.941164
0.818958	1.004165	1.342642	1.303348	1.382776	1.079659	1.583234	1.254729	1.340894	0.941164
1.146886	1.059907	1.081222	1.329518	1.730743	1.214257	1.178523	1.371328	1.330934	0.988538
1.306798	1.03368	0.774526	1.196892	1.138561	1.126152	1.097968	0.887493	0.893467	1.142389
1.015671	1.047471	0.995779	1.13667	0.878114	1.185196	1.405915	0.895841	1.084607	1.203087
0.945156	1.193977	1.155162	1.105382	0.843788	1.189907	1.026829	1.304731	1.599348	1.248845
1.041972	1.128069	0.961489	0.983372	1.368288	0.984368	1.051524	1.203325	1.41785	1.441326
1.557035	1.02862	0.95721	1.111462	1.22157	1.430465	1.206649	1.397279	0.989682	1.786262
0.977521	1.11152	1.303121	1.634613	1.046259	1.564565	1.437699	0.934871	0.895871	1.393902
1.204483	1.951051	1.046745	1.212061	0.93464	1.187545	1.383516	1.30497	1.226424	0.818873
1.300606	1.026946	0.788737	1.577302	1.433505	1.155764	1.524062	1.677135	1.218751	0.818873
1.188983	0.80141	1.009969	1.788156	2.343101	1.315319	1.313131	0.913035	1.526629	1.014315
1.325921	1.206425	1.318663	1.364617	1.22157	1.276058	1.147859	1.01731	1.368627	1.166104
2.588555	1.555587	2.165036	1.272708	0.844854	1.18286	1.467556	1.335236	1.672098	1.341089

1.310325	1.377544	1.178151	1.016516	0.967338	1.537379	1.301844	1.420828	1.299293	1.200681
1.243106	0.938116	1.022985	1.346713	2.008448	1.464747	0.956094	0.850166	1.054064	1.056959
1.144733	1.085903	0.878256	1.204411	1.370804	1.40254	0.882469	0.96065	1.208728	1.328026
1.115318	1.980054	1.278641	1.394894	1.090901	1.318492	1.234136	1.4331	1.105581	1.528941
1.356285	1.065348	1.534604	1.360977	0.977358	1.276314	1.389165	2.698615	1.725669	1.291042
1.155603	0.891673	1.447791	1.616851	1.699098	1.64442	1.34523	1.822739	1.880617	1.188847
1.276685	1.66399	1.744252	3.536344	1.831942	0.972724	1.244578	1.45002	1.375846	1.203087
1.553114	1.587843	1.460784	1.322826	1.472454	1.422302	1.194708	1.371328	1.155193	1.437171
1.845597	1.622572	1.342642	1.125988	1.196877	3.307178	1.394445	1.292555	1.050608	1.144493
0.949244	1.214068	1.405776	1.548454	1.275616	1.245403	1.417563	1.9805	1.099759	1.240876
1.329192	1.468909	1.799817	1.414826	1.764877	1.09843	1.794231	1.496775	1.496775	1.246172
1.42332	1.446114	1.423877	1.293927	1.189734	1.387353	1.794231	1.272035	1.496775	1.357989
2.213143	2.10022	1.40164	1.111462	1.676791	1.45592	2.091902	1.412836	1.184637	1.288098
1.169017	1.145275	1.144109	1.177458	1.245063	1.199484	0.984181	2.514444	1.168535	1.230473
0.900115	1.208958	1.085016	2.367552	1.116066	0.984368	0.987092	1.213214	0.948333	0.945142
1.740738	1.693974	0.998892	1.471886	1.258685	1.880435	1.351945	0.977757	1.14652	1.159507
1.366897	1.26299	1.199936	1.172732	1.090901	1.232153	1.379892	0.959255	0.941585	0.998967
1.09604	1.189065	1.228137	1.284706	1.421261	0.968437	1.252579	1.020507	0.821806	1.094748
1.178195	1.099509	0.935073	1.177458	1.018328	1.387353	1.823285	1.08785	0.936262	0.900853
1.127888	0.935401	0.758065	0.919868	0.85239	0.90504	1.355342	1.01731	1.155193	0.86841
0.907513	0.884393	0.785857	1.161138	0.813961	0.775334	0.998936	0.767508	1.033728	1.012756
0.858199	1.642787	1.353111	1.554072	1.124112	0.809459	1.067045	0.760399	0.803887	1.053526
0.945156	1.101487	1.118675	1.168057	0.823	0.827582	1.135352	0.98657	0.910581	0.779841
1.194739	1.243305	0.855209	1.054185	1.09849	1.240054	1.117242	1.146152	1.206258	0.784418
1.43667	1.442026	0.804425	1.481348	1.535704	1.259069	1.187698	0.876991	1.054064	1.01588
0.935767	2.540939	1.046745	1.128104	0.953413	0.895318	1.097968	0.885137	1.119475	1.159507
0.781109	0.84972	0.88904	0.844158	0.665544	0.807491	1.679625	0.953716	0.951062	1.030225
1.171293	0.81968	0.867733	0.890676	0.83431	0.771703	0.898844	0.923174	1.150835	0.778024
1.11567	0.993208	0.765304	1.003589	0.758077	0.939556	0.883619	0.681611	0.76208	0.731633
0.737801	0.920766	0.654028	0.869124	0.826056	0.742005	0.740745	0.6622	0.839437	0.769051
0.810921	0.830171	0.602794	0.764756	0.735928	0.757474	0.822525	0.677222	0.757673	0.766395
0.839728	0.71272	0.727741	0.77498	0.659234	0.715795	0.786101	0.694294	0.606024	0.55527
0.67161	0.662285	0.68475	0.784488	0.598287	0.727885	0.595057	0.69886	0.586674	0.550411
0.538847	0.470131	0.520689	0.623325	0.598892	0.454437	0.516208	0.606206	0.47744	0.527411
0.597426	0.49297	0.476752	0.454996	0.476676	0.38386	0.462394	0.47129	0.446813	0.465365
0.523686	0.548668	0.50039	0.53591	0.519905	0.568284	0.550092	0.586865	0.498645	0.548269
0.701507	0.830171	0.641498	0.787381	1.067116	1.134408	1.185386	1.205776	1.155193	1.485232
2.46E-04	1.23E-04	6.16E-05	3.08E-05	1.54E-05	7.70E-06	3.85E-06	1.92E-06	9.62E-07	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

80	81	82	83	84	85	86	87	88	89
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.442268	2.669148	1.968303	2.558321
1.502767	0.442443	0.823198	1.599437	2.273173	1.587286	1.09542	0.884536	1.336164	1.506921
0.884886	1.203952	1.375019	1.306961	1.770399	1.426916	0.885441	0.900376	0.887108	0.889553
0.763774	0.959767	0.897703	0.9582	0.858199	0.860449	0.77992	0.9299	0.885913	0.675315
0.685899	0.681183	0.927934	0.800124	0.63442	0.835802	0.834283	0.684757	0.723604	0.684896
1.329123	0.843734	1.472916	0.921905	0.724273	0.919406	0.735011	0.576951	0.546179	0.564602
0.529844	1.212358	1.797834	0.973903	0.961195	0.959049	0.676056	0.678011	0.537003	0.607307
0.372898	1.270932	1.153784	1.018248	0.878554	0.89605	0.85628	0.842378	1.015601	0.85294
1.74035	0.874013	0.894068	1.091748	1.245575	1.115607	1.035223	1.02616	1.468886	1.016166
1.749224	1.731457	1.108009	0.91297	1.582789	1.133842	0.82056	2.404584	1.998143	1.934542
1.025443	1.375204	1.094401	0.893212	0.943361	0.970262	1.061556	1.091907	1.29757	1.260644
0.819068	0.833035	0.835461	0.809978	0.781441	1.196028	0.982363	1.122258	0.850429	1.098619
0.714733	0.894221	1.209924	0.852892	0.769569	0.964619	0.906452	0.94752	1.010805	1.225623
0.763774	1.015557	0.991002	0.985691	0.88321	0.802716	0.81437	1.022856	0.905429	0.86631
0.7955	0.899116	0.831264	0.69506	0.812124	0.843156	0.951793	0.843465	0.787128	0.891947
0.85758	0.718503	0.736011	0.672698	1.138605	1.08682	0.9272	0.900376	0.834247	0.756864
0.600364	0.820534	0.827107	0.717025	0.879714	0.918145	0.800261	0.855608	0.849331	0.994353
0.735076	0.881038	0.867166	0.924492	0.725086	0.893663	0.928531	1.124331	0.87999	0.842103
0.861046	0.735896	0.728529	1.00089	0.898696	0.968844	1.081936	0.861241	0.952836	0.98533
0.758247	0.79851	0.870582	1.080455	0.737457	0.793168	0.892741	0.762286	0.822752	0.80914
0.886113	0.9669	0.963249	1.011855	0.745904	0.736581	0.932546	0.807947	0.887108	0.98533
0.916652	0.785055	0.931865	0.758356	0.751053	0.790345	0.756886	0.726757	0.849331	0.860689
0.992827	0.755781	0.878658	0.741008	0.923654	0.846347	0.778975	1.182038	1.128844	0.759511
1.15467	0.773845	1.068401	0.870861	0.922371	1.08682	0.87354	0.812991	0.996724	0.902887

0.942451	0.933681	0.871726	0.749596	0.808168	1.20083	0.707728	0.758689	1.052496	0.970696
0.639634	0.794623	0.799073	0.853994	0.864879	0.992099	1.043825	1.037923	0.883535	0.889553
0.65959	0.72013	0.826074	1.019861	1.087012	0.902076	0.939323	1.170329	0.764003	0.806174
0.748293	0.735896	1.050738	1.024736	0.97543	0.887752	0.690447	0.989611	0.825857	0.841034
0.770313	0.961184	0.775486	0.667642	0.9842	0.928338	0.849563	1.130612	0.850429	0.848573
0.650211	0.839423	0.8069	0.811976	0.914754	0.956291	0.982363	0.749824	0.717087	0.793551
0.700077	0.937697	1.037108	1.062263	0.978333	0.777404	0.85179	0.725096	0.789032	0.796431
0.725634	0.925758	1.015833	0.776426	0.84945	0.673426	0.721569	0.880961	0.891918	1.089065
0.778867	0.826739	0.655841	0.641853	1.130257	0.812479	0.763213	0.899137	0.905429	0.905356
0.930039	0.79173	0.82299	0.794318	0.843002	0.829596	0.954613	0.712838	0.666754	0.839968
0.735945	0.846996	0.811864	0.849604	0.712267	0.729183	0.939323	0.830595	0.91298	0.813126
0.696092	0.891794	0.790434	0.806998	0.7259	0.688004	0.837512	1.04479	1.259299	0.795469
1.017056	0.761122	0.632101	0.853994	0.78516	0.701556	0.824737	0.944762	0.714668	0.746437
0.8496	0.794623	0.767299	0.794318	1.108097	1.059823	0.874716	0.626195	0.669644	0.785022
0.794504	0.789813	1.057717	0.846341	0.652613	0.919406	1.010396	0.666997	0.706701	0.817149
0.902388	0.780349	0.707611	0.613053	0.631132	0.701556	0.761396	0.692377	0.802601	0.801275
0.928682	0.66366	0.670014	0.693533	0.837701	0.780145	0.812326	0.661951	0.774027	0.688638
0.897315	0.599268	0.670014	0.770926	0.662355	0.80079	0.771486	0.657672	0.674748	0.776657
0.847346	0.763817	0.713941	0.718637	0.737457	0.738242	0.677549	0.658382	0.748084	0.82121
0.856431	0.808382	0.961836	0.742712	0.67885	0.673426	0.702946	0.80197	0.828984	0.631662
0.68823	0.664377	0.677278	0.800124	0.706776	0.708494	0.812326	0.710427	0.868381	0.668086
0.694508	0.641345	0.651678	0.768201	0.751917	0.756947	0.559763	0.654842	0.797706	0.73208
0.716392	0.599268	0.653062	0.767297	0.683998	0.719512	0.619553	0.740278	0.766714	0.739621
0.710612	0.727527	0.580502	0.71783	0.665179	0.776494	0.765953	0.840212	0.774027	0.598057
0.561433	0.639988	0.557667	0.67708	0.654682	0.713968	0.790456	0.68627	0.662455	0.549066
0.595932	0.720946	0.689158	0.634472	0.666598	0.737411	0.553538	0.690077	0.791904	0.681925
0.587201	0.661519	0.657238	0.580134	0.671601	0.653806	0.580782	0.649238	0.671096	0.733744
0.536559	0.587101	0.621021	0.576044	0.597133	0.670569	0.739299	0.680997	0.709075	0.875459
0.493195	0.625986	0.736011	0.631819	0.66095	0.662106	0.716633	0.648542	0.919374	0.820191
0.557957	0.643389	0.719556	0.698902	0.887917	0.722712	0.646538	0.775115	0.87531	0.752489
0.615253	0.665094	0.701373	0.68823	0.880876	0.789407	0.848453	0.705646	0.612026	0.835729
0.62592	0.587101	0.670014	0.727612	0.76867	0.817443	0.923234	0.716886	0.692718	0.718183
0.663253	0.578194	0.679481	0.772751	0.671601	0.602796	0.662127	0.911691	0.642256	0.649149
0.923294	0.79077	0.701373	0.637811	0.716232	0.645661	0.632836	0.904115	0.91298	0.658164
0.925979	0.746157	0.733503	0.608016	0.713057	0.894855	0.835357	0.741138	0.713063	0.875459
0.695299	0.725872	0.788537	0.738465	0.928822	0.998113	0.813347	0.841294	0.811554	1.000474
0.702485	0.785055	0.896488	0.881305	0.828319	0.867116	0.743629	0.800981	0.619066	0.885986
0.917972	0.839423	0.718749	0.793357	0.734123	0.782903	0.790456	0.850046	0.850429	0.835729
0.68901	0.720946	0.639423	0.8011	0.808168	0.843156	0.792399	0.7472	0.91298	0.843175
0.675184	0.891794	0.702924	0.778275	0.994661	0.785678	0.830014	0.774186	0.823785	0.893149
0.872802	0.871696	0.805914	0.753079	0.714642	0.806595	1.091525	0.786421	0.901702	0.768451
0.941054	0.900348	0.764604	0.750464	0.665179	0.769284	0.95603	0.818095	0.662455	0.580714
0.789557	0.845906	0.805914	0.9568	0.942019	0.883081	0.880641	0.793155	0.773106	0.558432
0.8233	0.836217	0.758379	0.851793	0.689956	0.741584	0.773346	0.716886	0.728557	0.657464
0.677458	0.834093	0.866033	0.706689	0.665888	0.892474	0.807258	0.729261	0.924557	0.983844
0.738562	0.621418	0.931865	0.755709	0.67812	0.924487	0.870033	0.974631	0.769442	0.674587
0.729044	0.521005	0.668576	0.758356	0.879714	1.157222	0.768711	0.914246	0.742905	0.733744

0.876392	0.665812	0.739378	0.778275	0.987163	0.995095	0.718272	0.853375	0.878815	0.793551
0.80559	0.79851	0.863776	0.605519	0.775008	1.036055	0.793374	0.868099	0.958438	0.722224
0.777909	0.921851	0.868301	0.809978	1.006934	0.893663	1.002426	0.919402	0.675482	0.758627
0.846224	0.722582	0.845055	1.161961	0.999223	0.718716	0.936599	0.991137	0.713864	0.928232
0.826502	0.780349	1.000148	0.936328	0.761537	0.716336	0.825787	0.900376	0.854848	1.000474
0.962492	0.94175	0.853765	0.6473	0.769569	0.793168	0.79927	0.980561	0.784287	0.721413
0.68901	0.859171	0.799073	0.851793	0.820146	0.941425	0.898919	0.912967	0.753326	0.638305
0.595302	0.771087	0.92146	0.887218	0.797471	0.789407	0.944821	0.904115	1.002926	0.80519
0.683581	0.841573	0.835461	0.593852	0.722653	0.717128	0.772415	0.840212	1.025357	0.890748
0.796499	0.760227	0.634085	0.703557	0.807184	0.795061	0.831078	0.977586	0.691954	0.668804
0.914023	0.896661	0.633423	0.700448	0.819135	0.854971	0.973407	0.846743	0.73022	0.736253
0.831891	0.890586	0.748775	0.829339	0.760654	0.809527	0.94344	0.675047	0.759522	1.006683
0.695299	0.894221	0.842905	0.866299	0.831424	0.742423	0.770559	0.754234	0.980113	0.804208
0.811759	0.677474	0.821967	1.089845	1.088887	0.891289	0.971932	0.989611	0.966979	0.86858
1.028843	0.69327	0.786648	0.932346	0.892674	1.005749	1.033523	0.878594	0.760415	0.847488
0.921957	0.851384	0.922747	0.831428	0.705997	0.909418	0.90772	0.731779	0.840648	0.800302
0.884886	0.920556	0.798105	0.906699	0.758014	0.89845	0.896438	0.985062	0.955628	0.710211
0.884886	0.974152	0.807888	1.209275	0.907269	1.054619	1.392632	1.100081	1.122629	0.814128
1.152396	0.762018	0.837575	1.117272	0.988653	0.822466	0.951793	0.82954	1.16813	0.896775
1.342973	0.838351	0.966088	0.971005	0.805224	0.992099	0.768711	0.964445	1.25649	1.202933
1.339468	0.888179	1.086812	0.965267	0.778672	1.469579	1.050831	1.126415	0.923256	0.875459
0.958119	0.73929	0.956231	1.011855	0.904802	1.637059	1.341462	1.224391	0.893129	0.940139
0.992827	0.786952	1.019039	1.117272	0.97111	1.098107	0.991508	0.994207	0.848236	0.799331
1.202857	1.087108	0.935832	0.907946	1.290997	0.890107	0.716633	1.227016	1.110458	1.094772
0.98814	1.102557	0.917621	0.789537	1.017964	0.856061	0.970462	1.194072	1.163585	1.280741
0.695299	0.889381	1.032105	0.719445	1.136503	1.24662	1.165325	0.915529	0.786179	1.244129
0.652357	0.910334	1.153784	0.725146	0.895073	1.04104	0.95039	0.734311	0.834247	1.266292
0.806612	0.958354	1.084936	0.927094	0.808168	0.87961	1.234977	0.915529	0.850429	1.238761
1.280796	1.066725	0.866033	0.858428	0.84729	0.964619	0.968997	0.722617	0.797706	0.953762
0.797499	0.868244	0.788537	0.792399	0.776836	0.909418	1.016879	0.700916	0.81055	0.846405
0.740315	0.872853	0.858186	0.954014	0.958403	0.764838	0.925874	0.93123	0.819669	0.899209
1.353658	0.961184	0.941179	0.881305	0.804247	0.902076	1.292599	1.186812	0.983086	1.032446
1.023752	0.843734	0.931865	0.978286	0.744202	0.905731	1.156228	1.067891	1.213857	0.740467
0.666205	0.79851	0.81487	0.861784	1.034224	1.005749	0.999278	0.879776	1.068542	0.788792
0.699277	0.856932	0.879824	0.840956	0.954249	0.992099	0.806252	0.728425	0.95423	1.012982
0.812795	0.767437	1.04217	0.883661	0.623344	0.830624	0.793374	0.762286	0.964113	0.980888
0.999157	0.765623	1.057717	0.951246	0.778672	0.806595	1.00879	0.940658	0.832134	0.753361
0.870426	0.814416	0.902597	0.898068	0.895073	0.899655	0.749765	1.077113	1.002926	0.720603
1.064397	0.852488	0.892863	0.955405	0.942019	1.019841	0.796312	0.87624	0.929804	0.928232
0.999157	1.007586	0.892863	0.800124	0.81712	0.960435	0.737579	0.820154	1.133038	1.263459
0.843988	0.695574	0.995551	0.758356	0.898696	0.822466	0.802248	0.882149	0.807552	0.87086
0.775045	0.73929	0.925333	0.80601	1.151434	0.781062	0.747125	0.901619	0.781465	0.729595
0.847346	0.800467	1.098246	0.773667	0.862641	0.779229	0.755095	0.879776	0.811554	0.894354
0.745617	0.723402	0.897703	0.808982	0.834551	0.726745	0.773346	0.805945	0.955628	0.780355
0.761924	0.927069	0.73685	0.771837	1.037551	1.044395	1.081936	0.942022	0.843884	0.768451
0.80457	0.79173	0.743624	0.837757	0.930124	0.916888	1.286481	0.922003	0.68364	1.039132
0.672922	0.724224	0.879824	1.023105	0.838756	0.653121	0.85179	0.872732	0.726073	0.912848

0.81592	0.841573	1.022269	0.803057	0.792694	0.685049	0.721569	0.983557	0.861562	0.804208
0.820122	0.818485	0.689912	0.664066	1.142839	0.786608	0.761396	0.99267	0.804575	0.790689
0.593419	0.692505	0.717141	0.803057	1.014784	1.198422	0.936599	0.661234	0.789032	1.034108
0.807636	0.964033	0.952074	1.115254	0.89148	1.101935	1.026789	0.791221	0.868381	1.011399
0.925979	0.897887	0.9865	0.939002	0.896277	0.712397	1.035223	0.940658	1.00449	0.814128
0.965432	0.921851	0.800044	0.951246	0.988653	0.884244	1.02346	0.924619	0.742905	0.732911
0.911411	0.783166	1.000148	0.835637	0.744202	1.052898	0.845142	0.655548	0.811554	0.891947
0.882442	0.835153	0.874025	0.818025	0.656067	1.015093	0.966082	1.005125	1.148043	1.126545
1.195279	0.931024	0.781962	0.955405	0.697521	0.914383	1.229614	1.268419	1.122629	0.845326
1.182936	0.730855	0.876335	1.099443	0.959797	1.220588	1.280447	0.825343	0.962687	0.82121
0.985043	0.854704	1.115981	0.978286	1.112043	1.587286	0.98997	0.818095	1.282448	0.91159
1.03227	1.057768	1.185645	0.941693	0.897485	1.105798	0.852908	0.902865	1.07772	1.165308
1.103123	0.845906	1.001691	0.934996	0.792694	0.996601	1.018515	1.055299	0.943204	1.070566
0.845104	0.77848	1.083067	0.851793	0.959797	1.092427	0.897677	0.868099	0.808549	0.676775
0.777909	0.759334	0.878658	1.214303	1.140717	0.992099	0.798282	0.946139	0.958438	0.817149
0.827574	0.851384	0.952074	0.927094	1.182932	0.923211	0.796312	1.071556	1.161331	1.032446
0.880012	0.728357	0.964666	0.685977	0.943361	0.952186	1.115441	1.02616	0.927173	1.116364
0.779828	0.839423	1.096319	0.790489	0.860415	1.355856	0.961746	0.815026	0.81256	0.857351
0.801526	0.88222	0.872874	1.00089	0.812124	0.833723	0.821601	1.064256	0.742047	0.652594
0.958119	1.010756	0.744478	0.923196	1.003833	0.82045	0.841856	1.292229	0.911712	0.875459
0.763774	0.910334	0.970382	0.839887	1.068694	1.084967	0.974887	0.852262	0.981597	0.959334
0.803553	1.098643	1.098246	0.898068	1.147115	0.761313	0.999278	0.821187	0.693483	0.808149
0.956671	0.890586	0.882166	0.865166	0.887917	0.849561	0.901416	0.767738	0.680656	0.835729
0.75642	0.748761	0.673631	0.781063	0.643758	0.782903	0.79927	0.855608	0.924557	0.901658
0.682042	0.675999	0.693698	0.646616	0.675211	0.792225	0.815396	0.842378	0.869528	0.718988
0.655959	0.812395	0.646871	0.842028	0.802301	1.031127	0.837512	0.586483	0.744624	0.737934
0.697681	0.834093	0.686157	0.81499	0.92623	0.813467	0.730766	0.524814	0.799658	0.743016
0.71308	0.694037	0.761036	0.865166	0.681049	0.781981	0.848453	0.800981	0.961266	0.836785
0.81592	0.594361	0.842905	0.809978	0.690707	0.89605	0.946206	0.847842	0.852633	0.888361
0.878802	0.792692	0.731839	0.817011	0.92623	0.975979	0.835357	1.019578	0.863823	0.705497
1.15467	0.869392	0.891661	1.148717	0.714642	0.798872	0.771486	0.841294	0.899236	0.723037
0.975881	0.962606	0.913816	0.76013	0.665888	0.875025	0.759586	0.790257	0.868381	1.074204
0.752789	0.720946	1.070207	0.736778	0.789854	1.019841	0.778032	0.766824	0.87531	0.967828
0.785639	0.770171	0.9865	0.81499	0.885557	0.777404	0.875895	0.866949	0.621654	0.702383
0.906232	0.727527	0.917621	0.856205	0.962597	0.859348	0.81437	0.839133	0.802601	0.814128
0.788574	0.704916	0.762816	0.718637	0.761537	0.863769	0.794351	0.904115	0.811554	0.86858
0.771255	0.853594	0.812864	0.655603	0.746758	0.981772	0.902669	1.102051	0.786179	0.723037
0.732481	0.683424	0.818911	0.865166	0.864879	0.760436	0.768711	0.80197	0.870678	0.881276
0.697681	0.760227	1.007919	1.01504	0.913498	0.745797	0.76779	0.741998	0.749824	0.835729
0.83955	0.807385	0.971823	0.791443	0.738294	0.706169	0.872368	0.909151	0.835307	0.975035
0.717224	0.917978	0.761036	0.754831	0.855996	0.859348	0.788521	0.935246	0.68514	0.850751
0.791529	0.8671	0.789484	0.811976	0.831424	1.002678	0.835357	0.750703	0.688912	0.977952
0.776952	1.035307	0.821967	0.909196	0.802301	0.851717	0.833212	0.693917	0.796734	0.937464
0.726484	0.984514	0.775486	0.69506	0.787031	0.737411	0.923234	0.739421	0.747216	0.796431
0.854142	0.754897	0.690666	0.747865	1.027647	0.82045	1.145118	0.892993	0.745486	0.795469
0.824365	0.761122	0.847216	0.767297	0.824213	0.814458	0.833212	0.795099	0.780528	0.762174
0.792518	0.734209	0.882166	0.900517	0.795554	0.793168	0.654263	0.702487	0.891918	0.851844

0.780791	0.829875	0.783831	0.797211	0.756263	0.707718	0.702946	0.649934	0.749824	0.615486
0.821179	0.659388	0.744478	0.739311	0.656761	0.876167	0.933893	1.06245	0.838504	0.636301
0.816967	0.685676	0.73685	0.907946	0.704444	0.83789	0.895202	1.118141	0.830032	0.690899
0.776952	0.870543	0.880993	0.901746	0.867129	1.051184	0.658535	0.728425	0.867237	0.851844
1.012101	1.203952	1.094401	0.852892	0.893872	0.865997	0.732459	0.831653	0.849331	0.874305
0.786615	0.77848	0.812864	0.721879	0.711478	0.899655	0.903926	1.019578	0.822752	0.757745
0.776952	0.683424	0.820946	0.900517	0.807184	0.95355	0.788521	0.775115	0.651195	0.635635
0.808663	0.736742	0.757497	0.812978	0.812124	0.722712	0.778975	0.880961	0.701209	0.747296
0.854142	0.772004	0.726063	0.657002	0.855996	0.950826	0.948991	0.924619	0.971313	0.96926
0.781757	0.757554	0.8069	0.860662	1.142839	1.280069	1.181719	0.912967	0.742905	0.906596
0.764702	0.881038	1.254595	0.9568	1.175987	1.422872	1.355478	0.997299	0.833189	0.883624
0.968392	1.077724	1.017433	1.058714	0.923654	0.916888	1.042091	1.791568	0.857074	1.085302
0.870426	0.951358	0.763709	0.796245	0.77228	0.780145	0.933893	1.240383	1.15023	1.037451
0.738562	0.820534	0.833357	0.675614	0.923654	0.821457	0.963186	0.803953	1.030318	0.976491
0.850731	1.3679	1.025523	0.875472	1.318803	0.984697	0.95603	0.822222	0.804575	0.87086
1.064397	1.128896	0.931865	0.933669	0.985679	1.121601	1.005596	1.122258	0.843884	1.056314
1.286938	0.874013	0.900143	1.166467	0.758014	1.077633	1.165325	1.625114	1.124691	0.928232
0.989697	0.811388	0.994029	1.103342	0.93143	0.909418	0.880641	0.980561	1.172723	0.741315
1.039207	0.885786	0.913816	1.788739	1.282111	1.198422	0.910267	0.81707	0.898008	0.894354
0.931401	1.11654	1.149418	1.313266	1.270538	1.008841	0.915408	0.664106	0.849331	0.973584
1.077561	0.816445	0.977634	0.805023	0.733294	1.039372	1.176972	0.715262	0.821722	1.009821
1.115447	0.782225	0.798105	0.76013	0.871663	1.109695	1.158484	0.844555	0.83637	0.793551
1.051619	0.797535	1.054214	0.988688	1.465416	1.497345	0.802248	1.016325	0.919374	0.792595
1.364612	0.915415	1.015833	1.062263	0.979793	1.077633	0.786595	0.858979	0.79383	0.876616
0.835157	0.787903	1.037108	0.78764	0.816116	1.098107	0.806252	0.783567	0.82482	0.763065
0.807636	0.894221	0.979099	0.858428	0.852711	1.09055	1.085746	1.005125	0.858192	0.711793
0.830808	0.781286	0.995551	0.857315	0.845141	0.822466	0.925874	1.161184	0.767621	0.785022
0.968392	0.818485	0.920177	0.781997	0.854898	0.801752	0.85628	0.935246	0.758631	0.928232
1.170934	1.186911	0.785707	0.887218	0.819135	1.113627	0.967537	0.852262	0.774949	0.80716
0.902388	1.043809	0.80493	0.813983	0.745904	0.861553	0.986911	1.046524	0.884722	0.714976
0.705718	0.904066	0.810867	0.884843	0.783296	0.781981	1.070701	1.022856	0.969863	0.87894
0.735076	0.842652	0.811864	0.902979	0.776836	0.653806	0.793374	0.8243	0.849331	0.899209
0.955227	0.834093	0.626852	0.849604	1.019563	0.744951	0.775215	0.809958	0.874147	1.002018
0.819068	0.796562	0.650299	0.873161	1.079592	1.100017	0.916702	0.925933	0.901702	1.002018
0.682811	0.745293	0.819927	0.821082	0.761537	1.230814	0.970462	0.787377	0.881169	1.327217
0.882442	1.035307	0.729354	0.830383	0.763309	0.990609	0.982363	0.933903	0.889507	0.953762
0.962492	0.854704	0.882166	0.931027	0.720234	0.80079	1.191373	1.088445	0.931125	0.711793
0.754601	0.579961	0.794252	1.101388	0.965416	0.881921	1.121632	0.89544	0.852633	0.804208
0.724785	0.755781	0.850478	0.82416	0.819135	1.191278	0.911547	0.82954	1.030318	0.94963
0.950927	0.899116	0.841833	0.745281	0.707556	1.107742	0.85628	0.839133	0.915526	0.957934
0.959571	0.754015	0.758379	0.770926	0.74933	0.88658	0.822644	0.907887	1.047277	0.842103
0.934137	0.674529	0.90383	1.049967	0.898696	0.967431	1.010396	0.806945	0.864958	0.677507
1.007202	0.730021	0.85597	0.851793	1.197163	1.15072	0.747125	0.911691	0.927173	0.848573
1.081397	0.868244	0.815877	0.62656	0.902349	1.140094	0.718272	1.046524	1.028658	0.844249
0.902388	0.816445	0.777327	0.675614	0.822175	0.946772	0.964632	1.060651	0.844968	0.92563
0.737688	0.827782	0.850478	0.762804	1.066904	0.993595	1.065191	1.005125	0.874147	0.836785
0.742958	0.876342	0.952074	0.874315	0.97543	0.792225	0.852908	1.118141	0.765808	0.885986

0.855285	0.955542	0.917621	1.097506	1.085145	0.713968	0.875895	1.206449	0.99213	0.995875
1.136799	0.980043	0.966088	0.987187	0.92494	0.869361	0.887861	0.790257	0.801618	1.04082
0.953789	0.760227	0.830221	0.797211	1.034224	1.051184	1.06337	0.776046	0.639542	0.880106
0.711433	0.852488	0.888076	0.821082	0.818126	0.754349	0.835357	0.844555	0.732728	1.225623
0.927328	0.940395	1.068401	0.934996	0.829351	0.826526	0.95603	0.864657	0.860436	1.17672
1.049824	0.868244	0.727706	0.832477	0.938017	1.079455	1.06337	1.440245	1.240009	0.901658
0.806612	0.899116	0.721174	0.975359	0.991646	1.046083	1.13643	0.979071	0.977159	0.788792
0.802538	0.977088	0.905066	0.936328	0.800362	0.766611	0.95039	0.761384	0.655383	0.915375
1.055232	0.785055	1.09059	0.79528	0.647822	0.789407	1.057952	0.833777	0.738635	0.800302
0.915336	0.849184	0.861532	0.767297	0.880876	1.046083	0.937959	0.989611	0.936452	0.671685
0.748293	0.734209	0.917621	0.975359	0.950134	1.024642	0.778975	0.973162	0.901702	0.644371
0.859888	0.694805	0.833357	0.844179	0.773188	0.836845	0.755989	0.836982	0.854848	0.691655
0.797499	0.886981	0.982045	0.735097	0.859306	1.013521	0.920609	0.916816	0.87999	0.872005
0.782724	0.983018	0.930551	0.9842	0.999223	0.871617	0.92192	0.971697	0.684389	0.750751
0.69293	0.885786	1.066602	1.111247	1.189989	0.848487	0.89397	1.100081	0.804575	0.82634
0.652357	0.800467	0.813866	0.821082	0.966833	0.902076	0.771486	0.944762	1.07772	1.063382
1.005581	0.884594	0.624251	0.68823	0.821159	1.181932	0.784678	1.029488	1.148043	1.044216
0.736816	0.933681	0.842905	0.857315	0.810141	0.881921	0.963186	0.832714	0.73189	0.810133
0.697681	1.114515	1.153784	0.924492	0.851621	0.771075	0.911547	0.78262	0.707491	0.757745
0.939662	0.841573	0.992513	0.777349	0.791745	0.743264	0.803246	0.781675	0.902941	1.120408
1.062548	0.747891	0.690666	0.91297	1.149269	0.890107	0.970462	1.10403	1.126763	0.972138
0.86571	0.720946	0.720364	0.951246	1.037551	1.083122	0.897677	0.799012	0.869528	0.905356
0.919297	0.925758	0.880993	0.943045	0.738294	1.300841	1.221692	0.822222	0.91298	1.308026
0.882442	0.87986	0.892863	0.75659	0.783296	1.032764	1.13215	1.172646	1.094744	0.942829
0.956671	0.66366	0.837575	0.941693	0.838756	0.865997	1.268625	1.102051	1.114477	0.836785
0.981967	0.797535	0.880993	1.270939	0.990147	0.794114	0.707728	0.756901	1.05425	0.893149
0.977395	0.823625	0.907548	0.996274	0.852711	0.998113	0.672347	0.827436	0.974226	0.85294
0.920625	0.871696	0.883342	0.914235	0.67812	1.031127	0.901416	0.81707	0.701209	0.647095
0.669177	0.695574	0.730181	0.754831	0.750191	1.300841	1.198756	1.032842	0.747216	0.77482
0.760082	0.713659	0.799073	0.911708	0.990147	1.029497	1.015249	1.014707	0.843884	0.717379
0.782724	0.876342	0.831264	0.735097	1.088887	0.961825	0.647235	0.998853	0.800637	0.933484
0.821179	1.130989	0.970382	0.898068	1.065121	1.023036	0.796312	0.909151	0.99061	0.875459
0.748293	0.804406	1.011067	0.88841	1.070491	1.233409	1.00879	0.919402	0.818646	0.910336
0.708158	0.754015	1.009491	0.936328	1.081435	1.081285	0.948991	0.878594	0.978633	0.857351
0.962492	0.795591	0.826074	1.060485	1.063346	0.769284	0.838594	0.927252	0.77866	0.837843
1.163889	1.16594	0.889268	0.961013	0.92623	1.088681	0.875895	0.9559	0.874147	0.812126
0.872802	0.896661	0.8069	0.739311	0.952873	1.263023	1.121632	0.735159	1.108463	0.873153
0.866884	0.87986	0.710765	0.692772	1.074109	0.853883	0.908992	0.78262	0.785232	0.859574
0.902388	0.98752	0.931865	0.876633	0.836648	0.860449	1.145118	0.846743	0.809548	1.008249
0.925979	0.907816	1.425296	0.968127	0.697521	0.804651	1.016879	0.988089	0.88235	1.022605
0.915336	0.77848	0.859298	1.113246	0.906034	0.918145	0.739299	0.965886	1.070362	0.827373
1.017056	0.676736	0.828143	1.069449	1.219424	1.010396	0.845142	0.843465	0.891918	0.905356
0.936891	0.750505	0.742772	0.713818	0.868258	0.992099	1.047313	0.784516	1.079579	1.006683
0.75642	0.902823	0.874025	0.62656	0.808168	1.179627	1.283453	0.957313	1.064925	0.934806
0.785639	1.075872	0.989496	0.734259	1.063346	1.037711	0.864249	1.080858	0.937794	0.700834
0.997566	0.815429	1.197615	0.936328	1.211876	1.123617	0.821601	1.032842	1.017212	0.698521
0.924635	0.738439	0.898921	0.890805	0.843002	0.941425	0.807258	0.968782	0.813568	0.78974

0.877595	0.814416	0.722798	0.682991	0.934053	1.111657	0.837512	1.082742	0.924557	1.047638
0.742075	0.777549	0.753114	0.786694	0.84729	0.86266	0.901416	0.894215	0.753326	0.799331
0.686675	0.825699	0.971823	0.978286	0.982726	0.734101	0.964632	0.94752	0.747216	0.787846
0.778867	0.87986	0.902597	1.089845	1.104186	0.913137	0.723227	0.9207	1.027004	0.983844
0.883662	1.089009	0.799073	0.837757	0.939347	1.159411	0.762304	0.973162	1.096677	0.998936
0.745617	1.002872	0.906305	0.702778	0.816116	0.825507	0.794351	0.9299	0.877644	0.885986
0.714733	0.9669	1.01265	0.918053	0.965416	0.723516	0.954613	0.960152	0.842802	0.87086
0.75551	0.872853	1.092491	0.987187	1.049398	0.762191	0.979357	1.201456	2.267606	0.916643
1.002357	0.759334	0.714739	0.806998	1.37674	0.937457	1.00719	1.050013	1.023715	0.94963
1.013747	0.862551	0.788537	0.808982	0.979793	0.987643	1.020157	0.806945	0.711463	0.812126
1.035725	1.237491	0.983525	1.064048	0.822175	0.825507	1.018515	0.703275	0.758631	0.80914
0.873996	0.902823	0.727706	0.802077	0.781441	0.732456	0.786595	0.855608	0.769442	0.792595
0.832977	0.650967	0.634749	0.715418	0.767772	0.865997	1.02346	1.090363	0.955628	0.820191
0.792518	0.712056	0.875178	1.00089	1.083286	0.992099	0.906452	0.806945	0.800637	0.839968
0.959571	0.853594	0.933183	0.920617	1.140717	1.18658	0.765953	0.918107	1.303769	0.951003
0.980438	0.773845	0.796174	0.831428	0.84407	1.121601	0.797296	1.057076	1.175038	1.083432
0.71308	0.608623	0.818911	0.861784	0.73164	1.138	0.951793	0.946139	0.784287	0.96356
0.814876	0.786002	0.926631	0.875472	0.859306	1.257486	0.933893	0.879776	0.803587	0.825309
0.820122	0.977088	1.023893	1.053445	1.070491	0.783826	0.818487	1.791568	1.043832	0.785022
0.893549	1.001312	1.145094	0.797211	0.903574	0.745797	0.70533	1.136984	0.937794	0.785961
0.749188	0.952749	1.268659	0.807989	1.088887	0.916888	0.858542	0.89056	0.699653	0.833625
0.810724	0.94175	1.217481	0.932346	1.160203	1.04104	0.765953	0.916816	0.760415	0.860689
0.98814	1.006009	0.882166	0.869716	0.922371	0.806595	0.964632	1.500109	0.918087	0.900432
0.927328	0.893006	0.879824	0.896849	1.017964	0.865997	0.929865	1.248606	1.145868	0.881276
0.870426	0.835153	0.947956	0.939002	1.09077	0.920671	0.81437	0.8243	0.924557	0.846405
0.952356	1.186911	0.989496	0.925791	1.227105	0.850637	0.842948	0.804948	0.893129	1.011399
1.027139	0.881038	1.061249	1.065841	0.923654	0.892474	1.317974	1.120194	0.858192	1.210366
1.005581	0.902823	0.882166	0.905455	0.875095	0.97742	1.295691	1.2115	0.87531	0.98533
0.773146	0.774768	0.699056	0.845259	1.171418	1.133842	0.924552	0.806945	0.876475	0.836785
0.889815	0.864819	0.901369	0.968127	1.134411	0.918145	0.811308	0.863515	0.998266	0.819175
0.968392	0.955542	1.132378	0.898068	0.790798	0.838938	0.830014	0.910419	1.027004	0.899209
0.994401	0.861421	1.46386	0.999346	0.890289	0.995095	1.05616	0.853375	0.980113	1.143348
0.963959	0.674529	0.883342	1.131663	1.04598	1.068637	0.974887	0.964445	0.899236	0.818161
1.234564	0.678213	0.697519	1.056951	0.848369	0.847415	0.766871	0.8243	0.819669	0.72877
0.955227	0.989031	0.841833	0.80601	0.765089	0.883081	0.796312	0.720151	0.919374	0.843175
0.827574	0.77848	0.831264	0.689739	0.811132	0.989123	1.153983	1.128508	1.201349	0.841034
0.800516	0.628619	0.832309	0.997807	1.219424	0.968844	0.996153	1.259817	0.825857	0.952381
0.814876	0.838351	1.162651	1.259567	1.106137	1.155044	0.76779	1.082742	0.920664	0.912848
1.089172	0.936354	0.942526	0.781997	0.867129	1.403196	0.766871	0.919402	1.043832	0.864053
0.906232	1.048991	0.878658	0.763699	0.972545	1.362812	0.825787	0.900376	0.838504	0.910336
0.797499	0.862551	0.878658	0.884843	0.958403	0.878459	0.86771	0.804948	0.726073	1.277812
0.796499	1.145936	0.938497	0.997807	0.93537	0.713182	0.9272	0.886936	0.783344	1.03079
0.934137	0.816445	0.753987	0.819042	0.824213	0.821457	0.813347	1.128508	0.999814	0.896775
0.821179	0.815429	0.786648	0.769107	0.997697	0.89845	0.936599	1.186812	1.042119	0.884804
1.071871	1.035307	1.092491	1.276739	1.126143	1.260245	0.983874	0.75601	0.723604	0.843175
0.827574	1.124738	1.025523	1.099443	1.092662	1.063327	0.931204	0.821187	0.77866	0.992836
0.907521	0.933681	0.891661	0.962427	1.088887	1.019841	1.026789	1.057076	0.907931	1.037451

1.046256	0.667975	0.746192	1.237678	0.961195	1.044395	1.341462	1.234987	0.998266	0.91411
0.962492	0.692505	0.786648	1.00244	0.966833	1.046083	0.889076	0.842378	1.017212	0.915375
0.861046	0.920556	1.006354	1.187344	0.813119	1.096205	0.755095	0.713645	0.980113	1.100555
0.776952	0.876342	0.86944	0.914235	0.863759	0.946772	0.782768	0.655548	0.911712	1.045924
0.806612	0.819508	0.781962	0.859544	0.793646	0.890107	1.047313	1.024505	0.95985	0.827373
0.708974	0.829875	0.942526	0.945762	0.997697	0.924487	0.724058	0.803953	0.911712	0.769355
0.81592	0.897887	0.930551	0.735097	0.922371	0.876167	0.617595	0.923309	1.001367	0.751619
1.163889	0.919265	0.831264	0.654905	0.769569	0.974542	0.845142	0.860109	0.878815	0.86858
0.898578	0.801448	0.926631	0.892007	0.795554	1.220588	1.31149	1.243107	0.898008	0.736253
0.883662	0.975618	1.204959	1.140106	1.04598	0.875025	0.897677	1.057076	1.022081	0.802251
0.794504	1.170514	0.979099	0.834581	1.006934	0.678473	0.729922	0.974631	1.262126	0.91411
0.917972	0.964033	0.924038	0.898068	1.202012	0.883081	1.06702	0.87041	0.818646	0.84966
0.899844	0.925758	1.254595	1.024736	1.447888	1.260245	1.115441	1.013095	0.77866	0.929539
0.848472	0.884594	1.149418	0.9842	0.93143	0.981772	0.822644	0.87624	0.859312	0.980888
0.8923	0.927069	0.870582	0.848514	0.805224	0.763072	0.833212	1.041343	0.950062	1.032446
0.788574	0.845906	0.837575	0.741008	0.893872	0.846347	0.864249	0.933903	0.962687	0.98533
0.626596	0.914139	0.88452	0.779202	1.085145	0.822466	0.840766	0.872732	0.809548	0.923043
0.775997	0.993596	0.906305	0.74186	0.859306	0.810509	0.777091	0.685513	0.696557	0.766648
0.956671	0.931024	0.848301	0.890805	0.827289	0.793168	0.95039	1.011489	0.815593	0.87894
0.828649	0.79173	0.752243	0.815999	0.939347	0.89605	0.928531	1.006707	0.968418	0.983844
0.705718	0.819508	0.750505	0.916777	1.134411	0.814458	0.86771	0.844555	1.05425	0.976491
0.737688	1.006009	0.860413	0.811976	0.800362	0.735753	0.678297	0.746329	0.736939	0.941482
0.896056	0.855816	0.770919	0.78387	0.713057	0.771075	0.811308	0.777914	1.050749	1.079717
0.931401	0.730855	0.784768	0.910451	0.90975	0.946772	0.953201	1.04479	1.141549	0.934806
0.791529	0.771087	0.741072	0.918053	0.916015	0.937457	0.715001	0.752465	0.909188	0.688638
0.878802	1.054236	0.831264	0.965267	0.955629	0.888928	0.77428	0.761384	0.998266	0.880106
1.042717	0.936354	0.95484	0.887218	0.675936	1.018253	1.138586	0.851153	0.867237	1.077872
0.983502	0.726699	0.794252	0.910451	0.693722	0.894855	0.98997	0.985062	0.792866	0.745579
0.712255	0.642026	0.728529	0.794318	0.674487	0.904509	0.680549	0.922003	0.834247	0.644371
0.80559	0.697891	0.807888	0.893212	0.828319	0.905731	0.746248	0.735159	0.85153	0.710211
0.829727	0.927069	0.976174	0.770016	0.794599	0.930924	1.061556	0.88814	1.075868	1.098619
0.794504	0.876342	0.922747	0.728438	0.834551	0.880764	1.13643	0.983557	0.964113	0.9664
0.751886	0.688698	0.843978	0.898068	0.903574	0.728369	0.833212	1.170329	0.799658	0.713382
0.877595	0.762018	1.132378	0.832477	0.906034	0.751765	0.695092	1.057076	0.816608	0.945537
0.875192	0.906563	0.933183	0.740159	0.839814	0.839989	0.657106	0.841294	1.015601	0.96356
0.758247	0.728357	0.798105	0.644568	0.806203	0.966023	0.644455	0.72759	0.846055	0.804208
0.859888	0.77848	0.953455	0.828298	0.936692	0.741584	0.737579	0.907887	0.666754	0.835729
0.831891	0.870543	1.120022	1.153087	1.114029	0.869361	0.957452	1.043063	0.828984	0.933484
0.75551	0.863684	0.820946	0.925791	0.972545	0.942755	0.792399	1.078982	1.092819	1.143348
0.669177	0.775693	0.702148	0.822105	1.094561	0.906957	0.788521	0.912967	0.814579	0.745579
0.716392	0.864819	0.734337	0.896849	1.116025	1.018253	1.147317	0.916816	0.701209	0.801275
0.680508	1.182163	0.857076	0.936328	1.114029	0.88541	1.054376	0.936593	1.118534	0.885986
0.750086	0.933681	0.949324	0.982714	0.859306	0.858249	0.936599	0.891775	1.163585	1.085302
0.896056	0.708868	0.665001	0.856205	0.938017	0.787539	0.935244	0.924619	0.693483	0.893149
0.798503	0.756667	0.875178	0.882482	1.110065	0.998113	0.89397	0.793155	0.799658	1.002018
0.680508	0.840496	0.943877	0.932346	0.901128	0.878459	0.831078	0.712838	0.750697	0.970696
0.766565	0.861421	0.803948	0.823131	0.769569	0.745797	0.91283	0.821187	0.834247	0.800302

0.871612	0.666532	0.77825	0.829339	0.885557	0.741584	0.918001	0.862377	0.861562	0.814128
0.774094	0.74271	0.838635	0.758356	0.898696	0.858249	0.780868	0.68627	0.846055	0.929539
0.893549	0.805397	0.939836	0.835637	0.802301	0.978865	0.878262	0.807947	0.955628	1.035776
1.175695	0.834093	0.805914	0.893212	0.864879	0.900864	0.970462	0.892993	0.866096	0.797396
1.030553	0.859171	0.831264	1.095578	0.966833	1.146438	1.020157	0.94752	0.99213	0.778502
0.796499	0.842652	0.973268	0.877796	1.056316	1.238645	0.815396	0.873898	1.126763	0.864053
1.015398	0.839423	0.950697	0.721066	1.098386	0.94947	0.538084	0.828487	1.043832	0.842103
1.002357	0.735052	0.808879	0.794318	0.922371	0.960435	0.70853	0.906626	0.858192	1.160826
0.733344	0.72013	0.898921	0.720255	0.804247	0.978865	0.897677	0.878594	0.733567	1.011399
0.650211	0.666532	0.883342	0.993224	0.999223	0.89605	0.803246	0.940658	0.868381	0.827373
0.871612	0.729188	0.9865	0.837757	1.051117	0.86266	0.775215	1.320674	0.981597	0.814128
0.938274	0.910334	0.953455	0.768201	0.84945	0.904509	0.915408	1.128508	1.05425	0.938799
0.72225	0.79851	0.85597	0.681506	0.991646	0.961825	1.115441	1.156682	0.826897	0.806174
0.778867	1.094764	1.006354	0.80601	1.075929	0.900864	0.929865	0.918107	0.81256	0.772079
0.889815	1.112499	0.902597	1.051702	1.369509	0.73991	0.762304	1.071556	0.887108	0.772079
0.903665	0.969786	1.070207	0.968127	1.108097	0.911894	0.823689	0.821187	0.932451	0.880106
0.741194	0.834093	1.09059	0.971005	1.130257	1.313173	1.085746	0.851153	0.929804	1.002018
0.737688	0.929702	1.019039	0.97682	1.092662	1.306964	0.964632	0.974631	0.860436	0.96356
0.853002	0.843734	0.906305	0.978286	0.981257	0.743264	0.753311	1.029488	0.904183	1.008249
1.121743	0.842652	0.729354	0.899291	0.821159	0.693975	0.861957	0.814007	0.905429	1.18137
0.877595	1.124738	0.848301	0.838821	1.019563	0.974542	1.004008	0.750703	0.837436	0.998936
0.834065	1.186911	0.991002	0.819042	1.021168	1.152876	1.099351	0.889349	0.779593	0.975035
1.044483	0.805397	0.992513	0.968127	0.820146	0.863769	0.770559	0.925933	0.890711	1.386707
0.978914	0.736742	0.837575	0.911708	0.821159	0.94947	0.792399	0.821187	0.883535	1.04082
0.902388	0.897887	0.798105	0.927094	0.893872	1.049477	0.902669	0.787377	0.99213	1.044216
0.887343	0.968341	0.818911	0.907946	0.778672	0.881921	0.924552	0.784516	0.748084	0.970696
0.858733	0.79077	0.858186	0.918053	0.824213	0.802716	1.184113	0.80296	0.852633	1.130685
1.000754	0.731691	0.851571	0.819042	0.790798	0.843156	1.042091	0.936593	1.064925	0.998936
0.806612	0.762018	0.761036	0.896849	0.864879	1.058081	0.928531	0.973162	1.336164	1.003568
0.914023	0.838351	0.800044	1.109257	1.199581	1.049477	1.076282	0.957313	1.09862	0.812126
0.915336	0.954143	1.014238	0.979757	1.027647	1.109695	1.115441	0.750703	1.182057	1.032446
0.818016	0.79077	0.971823	1.02148	0.908508	1.096205	0.928531	0.866949	0.921958	0.982364
0.868062	0.756667	0.878658	1.044802	1.008492	1.072213	0.752422	0.906626	0.781465	0.711001
1.192782	0.827782	1.019039	0.943045	0.797471	0.952186	0.804245	0.700916	0.894344	0.734579
0.920625	1.048991	1.032105	0.720255	0.808168	1.148574	0.86887	0.784516	1.189192	0.906596
0.771255	0.783166	0.826074	0.716221	0.897485	1.238645	0.98997	0.94339	0.87999	0.804208
0.850731	0.692505	0.927934	0.936328	1.074109	1.063327	1.295691	1.251381	0.750697	0.737093
0.862208	0.834093	1.104077	0.947126	0.928822	0.854971	0.906452	0.87624	0.888306	0.897991
0.893549	0.817464	1.006354	0.791443	0.784227	0.975979	0.805247	0.935246	1.216403	1.13697
0.888577	1.170514	1.064811	0.829339	0.922371	1.329097	1.010396	0.875068	0.899236	0.815133
0.843988	1.023677	0.908794	0.849604	1.248279	1.198422	1.119559	1.27425	0.868381	0.983844
0.851865	0.678954	1.274414	1.062263	1.151434	0.765723	0.860816	1.005125	0.927173	0.937464
0.920625	0.650967	0.879824	0.932346	0.770471	0.871617	0.817454	0.936593	1.094744	0.803228
0.762848	0.839423	0.713145	0.625256	0.684738	0.946772	0.712563	0.857852	0.752448	0.72877
0.672922	0.721763	0.668576	0.560619	0.534631	0.530563	0.583182	0.645772	0.569142	0.707062
0.619888	0.485884	0.710765	0.707475	0.677391	0.325518	0.596622	0.517045	0.697329	0.713382
0.690574	0.488266	0.628158	0.639827	0.646463	0.619565	0.695092	0.697014	0.835307	0.90412

0.681274	0.587101	0.520896	0.530797	0.726715	0.785678	0.759586	0.7472	0.657493	0.686389
0.53273	0.612422	0.609591	0.666208	0.794599	1.001151	0.86887	0.617051	0.533281	0.764853
0.638938	0.865958	0.7655	0.819042	0.744202	0.710832	0.827896	0.679501	0.68364	0.752489
0.869242	0.920556	0.939836	0.807989	0.770471	0.63569	0.747125	0.778851	1.009217	1.014571
0.952356	0.597422	0.655841	0.877796	1.047686	0.724321	0.795331	0.919402	0.722784	0.791641
0.838447	0.650967	0.747051	0.915504	1.065121	0.892474	0.751535	0.819123	0.73022	0.836785
0.749188	0.8671	0.890463	0.939002	0.828319	0.923211	0.727399	0.618346	0.73189	0.980888
0.757333	0.88222	0.717944	0.763699	0.746758	0.809527	0.877076	0.772334	0.709075	0.834676
0.791529	0.734209	0.770011	1.003995	0.864879	0.865997	1.191373	0.991137	0.936452	0.811128
0.802538	0.775693	0.937163	1.055194	0.946057	0.87275	0.911547	0.737711	0.773106	0.86518
0.939662	1.070361	1.063026	0.889606	0.763309	1.129723	0.87945	0.843465	0.853739	1.008249
1.130283	1.163672	0.933183	0.829339	0.936692	0.914383	0.850675	0.942022	0.902941	0.844249
0.948083	0.794623	0.722798	0.924492	0.955629	0.827547	1.049069	1.003549	0.944567	0.690144
0.835157	0.770171	0.67218	1.023105	1.418819	1.175053	1.076282	0.768653	0.811554	0.832577
0.91011	0.755781	0.695223	0.839887	1.006934	0.967431	0.676802	0.70803	0.857074	0.899209
1.138993	1.020411	0.877495	0.924492	0.656761	0.888928	0.786595	0.810967	1.045551	0.841034
1.003966	0.759334	0.760149	0.780132	0.637067	1.115607	1.184113	1.108015	1.332814	0.964978
0.86571	0.740142	0.818911	1.003995	0.843002	0.899655	0.887861	1.150017	1.00606	0.945537
0.750985	0.721763	0.837575	0.895634	0.938017	1.01667	0.702946	0.758689	1.025357	0.92563
0.836251	0.890586	0.952074	0.796245	0.996176	0.930924	0.780868	0.735159	0.814579	0.991325
0.773146	1.075872	0.922747	0.905455	0.832464	1.002678	0.953201	0.869253	0.719519	0.77482
0.68823	0.735052	0.907548	0.932346	0.751053	0.96322	0.996153	0.79803	0.736094	0.673134
0.919297	0.851384	0.833357	0.861784	0.940681	0.781062	0.759586	0.841294	0.779593	0.767549
0.924635	0.909073	0.875178	0.769107	0.863759	0.734926	0.964632	0.88814	1.087095	1.106416
0.948083	0.723402	0.754862	0.75659	0.737457	0.751765	1.08959	1.163452	0.871832	1.120408
0.764702	0.884594	0.934506	0.789537	1.019563	0.897248	0.915408	1.143451	0.853739	0.801275
0.783694	0.969786	0.971823	0.856205	0.973985	0.95355	0.874716	0.95169	0.676954	0.802251
0.794504	1.007586	0.92146	0.954014	0.858199	0.784751	0.889076	1.092289	0.861562	0.896775
0.928682	0.856932	0.811864	0.838821	1.155796	0.919406	0.887861	0.843465	1.00449	0.867444
0.646656	0.924452	0.849388	0.817011	1.104186	0.845281	0.979357	0.814007	0.828984	0.86631
0.841763	0.968341	1.257372	0.948495	0.872804	0.706169	1.03183	0.880961	0.816608	1.14982
1.044483	1.009168	1.038789	1.065841	0.994661	0.679199	0.881836	0.985062	0.944567	0.995875
0.907521	1.156935	0.88452	0.947126	0.990147	1.024642	0.782768	0.99267	0.99213	0.869718
0.850731	0.98752	0.720364	0.869716	1.149269	0.909418	0.802248	0.780731	0.870678	0.80519
1.087216	1.211465	0.858186	0.88841	0.965416	0.776494	0.898919	0.746329	1.012398	0.955149
1.335992	0.992069	1.246371	1.087951	0.810141	0.740746	1.103318	0.940658	0.999814	1.106416
0.886113	0.864819	1.049011	0.864035	0.723463	0.80757	0.954613	0.862377	1.16813	0.80716
0.916652	0.876342	0.902597	0.975359	0.948771	1.058081	1.134285	0.928574	1.017212	0.932165
0.941054	0.956946	0.848301	0.855098	1.019563	1.088681	1.13643	0.818095	0.945934	1.002018
0.941054	0.716074	0.871726	0.778275	0.833506	1.637059	1.292599	0.9299	1.027004	0.940139
0.942451	0.795591	0.878658	0.835637	0.954249	1.075819	0.848453	0.948906	1.161331	0.755986
0.825432	0.712857	0.834408	1.023105	0.959797	0.915634	0.700575	0.939299	1.163585	0.803228
0.8496	0.730021	0.833357	0.962427	1.051117	0.902076	0.797296	0.868099	0.87999	0.854038
0.7955	1.012351	0.934506	0.731755	0.774097	1.052898	0.66867	0.857852	1.177365	0.976491
0.8233	0.868244	0.920177	0.862908	0.860415	1.015093	0.903926	0.922003	0.747216	0.718988
0.955227	0.746157	0.897703	0.982714	1.112043	0.717921	0.773346	0.979071	0.763103	0.680448
0.884886	0.984514	1.280247	0.902979	0.968254	0.755213	0.695092	0.885734	0.93914	1.012982

1.145643	1.074027	0.927934	0.811976	1.645731	1.117596	0.819523	1.2115	0.928486	0.910336
0.883662	0.98752	0.796174	0.881305	1.128195	1.123617	1.107322	1.073401	0.820695	0.803228
0.739437	0.917978	0.880993	0.939002	0.885557	0.795061	1.254287	0.872732	0.81055	0.885986
0.752789	0.842652	0.983525	0.764595	0.839814	0.814458	0.744501	1.128508	1.08332	1.195626
0.856431	0.796562	0.695987	0.749596	1.014784	0.856061	0.751535	1.143451	0.861562	1.151999
1.018721	0.868244	0.640095	0.839887	1.358883	1.001151	0.884236	0.756901	0.678431	0.832577
0.884886	0.877512	0.895276	1.008694	1.019563	0.832688	0.991508	0.811978	0.695017	0.87894
0.873996	1.112499	1.260166	1.056951	0.904802	0.815451	0.90772	1.102051	0.99213	0.787846
0.870426	1.057768	0.791385	0.906699	1.026018	0.825507	1.026789	1.10403	1.139405	0.96356
0.934137	0.920556	0.690666	1.005556	1.102244	1.046083	1.107322	0.904115	1.382251	1.314329
0.966909	0.948592	1.106039	1.071264	1.116025	1.43512	0.910267	0.822222	1.120576	1.3305
0.873996	0.897887	0.987996	0.961013	0.952873	0.932223	0.924552	0.983557	0.996724	0.907839
0.869242	0.945842	0.803948	0.949868	0.831424	0.842098	1.105315	1.184419	1.213857	0.921756
1.095096	0.901584	0.950697	1.064048	0.991646	0.925767	1.002426	0.812991	0.936452	0.80519
1.033994	1.186911	1.092491	0.890805	1.173697	1.056347	0.82056	0.851153	1.336164	0.92563
1.237313	1.089009	1.020651	0.776426	0.955629	1.026254	0.847347	0.928574	1.229358	1.03079
0.995981	0.802432	0.747051	0.750464	0.705997	1.380704	0.98539	1.046524	0.996724	0.819175
0.831891	0.75138	0.729354	0.714617	0.767772	0.990609	0.946206	0.894215	0.993656	0.744723
0.902388	1.05248	0.917621	0.78387	0.968254	1.170526	0.916702	0.967331	1.07772	0.936133
1.223735	0.955542	1.155984	0.850697	1.204457	1.121601	0.971932	1.05886	0.99061	1.506921
1.064397	0.740997	1.088697	0.91297	1.024395	1.105798	1.061556	1.277195	0.980113	1.056314
0.855285	1.104527	2.071512	1.159726	1.014784	1.129723	0.827896	1.096168	0.998266	0.772991
0.924635	1.108495	1.227765	1.282618	1.189989	0.911894	0.953201	0.957313	0.966979	0.891947
1.079475	1.074027	0.866033	1.044802	1.083286	0.920671	1.005596	1.05886	0.98458	1.143348
0.956671	1.074027	1.063026	0.764595	0.934053	1.129723	1.153983	1.147817	0.807552	1.045924
0.916652	2.408569	1.605672	1.018248	0.961195	1.254744	1.002426	0.960152	0.964113	1.114356
1.22107	1.60219	0.949324	1.082317	0.982726	0.788472	0.836433	1.112037	0.862691	0.962147
1.332544	1.061329	0.784768	0.853994	1.017964	1.029497	1.08959	1.395332	0.872988	1.03079
1.055232	0.998209	0.744478	0.853994	1.147115	1.300841	1.377387	1.036222	0.927173	1.154189
0.791529	1.35365	1.171703	1.339444	1.554438	1.052898	0.951793	0.861241	0.693483	1.230831
0.887343	0.923149	0.9865	1.424904	1.072296	0.86266	1.099351	0.968782	0.830032	1.236102
1.231831	0.940395	0.850478	1.048239	0.959797	0.94947	1.042091	1.354631	1.042119	0.864053
0.911411	0.968341	0.81487	1.029666	1.068694	1.119593	0.967537	0.974631	1.047277	0.730422
0.969879	0.910334	1.072021	1.164208	1.211876	0.948119	1.121632	1.055299	0.943204	0.857351
1.008829	1.316715	1.200049	0.979757	0.854898	0.80079	1.127912	0.970237	1.116501	1.337141
1.450171	0.975618	1.277321	0.848514	0.67885	0.824491	1.274496	1.057076	1.088995	0.973584
1.117536	0.893006	0.947956	0.828298	0.860415	1.322657	0.963186	1.232314	1.32619	0.859574
1.251329	1.112499	0.857076	1.097506	0.93537	0.96322	0.812326	0.923309	1.023715	0.945537
1.170934	1.048991	1.015833	1.003995	0.864879	1.15072	1.174617	0.991137	1.360371	1.014571
0.995981	0.792692	1.817614	0.813983	0.822175	1.388073	1.054376	0.856728	1.114477	0.938799
0.958119	0.811388	1.073843	1.048239	0.93537	1.103862	1.049069	1.265533	0.983086	0.825309
0.971372	0.762018	0.789484	0.994746	1.054576	1.058081	0.902669	1.073401	0.830032	0.797396
1.145643	1.133093	0.961836	1.019861	0.939347	1.037711	0.805247	1.060651	0.947306	0.940139
1.058874	1.375204	1.257372	0.902979	0.943361	1.478638	1.02346	1.453346	1.10057	1.116364
0.832977	0.936354	1.014238	0.894421	1.049398	0.87275	1.257117	1.37266	0.789032	0.857351
0.761924	0.822592	1.124102	1.062263	1.256493	0.763072	0.967537	0.940658	0.911712	0.844249
1.010462	0.767437	1.111977	0.947126	0.950134	0.853883	0.810292	1.064256	1.116501	0.959334

0.91011	0.931024	0.803948	0.75659	1.199581	1.077633	1.065191	1.28918	1.118534	0.972138
0.868062	1.148113	0.812864	0.925791	1.216893	1.399365	1.201246	0.961578	0.95423	0.975035
0.872802	1.036994	1.040476	1.237678	1.047686	1.18425	1.03183	0.87041	0.958438	0.934806
0.985043	1.057768	0.860413	1.028016	1.114029	1.032764	1.121632	1.139129	1.057779	1.047638
1.159255	0.780349	0.745334	0.833528	1.418819	1.096205	1.06337	1.347624	1.329489	1.061604
0.931401	0.823625	1.083067	0.944401	0.990147	0.966023	0.933893	0.9207	0.935114	1.286658
0.91011	0.886981	1.104077	1.00244	0.890289	1.111657	0.977862	0.970237	0.859312	1.139085
1.075656	1.100595	0.864903	1.013445	1.211876	1.175053	1.020157	1.320674	1.374835	1.014571
1.143415	0.874013	1.108009	2.619279	1.849364	1.521921	1.366294	1.145629	1.079579	0.902887
1.033994	0.860295	1.251837	1.363721	1.613121	1.395568	1.043825	1.078982	1.291458	0.894354
1.143415	1.163672	1.446296	0.851793	1.029282	0.996601	0.830014	1.060651	1.069816	2.251758
1.06999	0.935015	0.826074	0.949868	1.002291	1.196028	0.96031	0.957313	0.957031	1.18607
0.914023	0.757554	0.849388	1.329442	1.008492	2.026384	1.701648	1.179671	0.877644	0.825309
1.044483	1.189305	1.29823	1.412756	0.97111	1.06686	1.317974	1.283146	1.87755	1.008249
1.36093	2.12623	1.251837	1.113246	1.384094	1.010396	0.958879	1.118141	1.613883	1.05807
1.432522	0.766529	0.880993	0.831428	0.981257	1.395568	1.381148	1.203945	0.957031	1.188439
1.210569	0.948592	1.138689	0.878963	0.979793	1.104024	2.141535	1.536124	0.857074	0.905356
0.882442	1.070361	1.46386	1.199391	1.104186	1.103862	0.883035	1.141285	1.329489	0.957934
0.985043	1.031952	1.014238	1.237678	1.493111	0.766611	0.772415	0.99267	1.303769	1.169837
0.927328	0.958354	0.846134	0.900517	1.142839	1.04104	0.830014	0.912967	0.900467	1.223043
0.958119	0.992069	1.190393	0.82416	1.187624	0.94409	1.068857	1.419253	0.987585	1.619186
0.780791	0.992069	1.104077	1.076755	1.245575	1.319473	1.196281	2.013675	1.075868	1.104454
0.807636	1.163672	0.861532	1.259567	1.039224	1.140094	1.097381	1.865068	1.273622	1.260644
1.36093	0.864819	0.755739	0.895634	1.173697	1.553375	1.145118	1.427528	1.350575	1.473607
0.953789	0.925758	0.783831	0.915504	1.659493	1.79419	1.649584	1.172646	1.682832	1.202933
1.403262	1.442815	1.176301	1.060485	1.221969	1.274312	1.538822	1.265533	0.940491	1.600382
1.32236	0.968341	1.409197	1.416768	0.965416	1.119593	1.268625	2.144234	1.310057	1.065167
1.141198	0.884594	1.037108	1.526189	1.548984	1.194109	1.091525	1.096168	1.4554	1.451285
1.141198	1.106506	0.885702	1.818188	1.315624	1.516893	1.06337	0.853375	1.360371	1.52202
1.450171	1.16594	1.450621	1.157501	1.149269	1.403196	1.277461	1.203945	1.441195	1.727782
1.005581	1.226893	1.196417	0.939002	1.221969	1.166046	1.538822	1.666533	1.7138	1.051088
1.207983	0.841573	1.260166	1.265216	1.149269	1.063327	0.96031	1.754553	1.216403	0.989818
1.302681	0.788857	1.038789	1.053445	0.770471	1.243945	1.083836	1.256987	2.189	1.839755
1.551108	1.676529	1.132378	0.821082	0.775008	1.163891	1.64263	1.227016	1.206543	1.196306
0.863372	1.074027	1.280247	0.928401	1.41482	1.277612	1.478096	1.064256	1.064925	1.18607
0.812795	0.708075	1.268659	1.224537	1.242052	1.313173	1.078158	2.166556	1.050749	1.361217
0.924635	0.810384	1.702707	1.259567	0.96968	1.332353	1.010396	1.696517	1.398591	1.375445
1.182936	1.035307	1.176301	1.043094	1.065121	1.075874	1.160753	1.435965	1.417278	1.582359
1.231831	1.386396	1.29823	1.146548	1.075929	1.075819	1.808631	1.599545	1.108463	1.126545
0.955227	1.001312	2.053726	1.363721	1.052843	1.018253	1.572698	1.34058	1.914149	2.055964
1.638965	1.211465	3.486486	1.008694	0.836648	1.06509	1.043825	1.247265	1.249323	1.230535
1.749224	1.110492	1.192787	1.064048	1.410858	1.34901	1.243148	1.251381	0.958438	1.094487
1.130283	0.992069	0.877495	1.393236	1.988533	1.379934	1.420671	0.85449	0.895562	1.3405
0.907521	1.114515	1.658443	1.733295	2.052705	1.011956	1.240407	2.190088	1.517126	1.409813
0.819068	1.159169	1.827852	1.808148	1.675508	1.61772	1.276831	1.302131	1.46347	1.688488
1.125992	1.148113	0.864903	3.203713	1.554525	1.313255	1.327431	1.541522	0.920664	0.96356
3.790976	1.87953	1.769757	1.491331	1.456563	1.341608	1.169946	2.404584	1.300658	1.371959

1.827617	1.58651	1.280247	1.076755	1.128195	2.059963	1.36996	1.335309	1.653927	1.108388
1.403262	1.329786	0.942526	1.389435	0.972545	0.987643	1.136866	1.427528	1.25649	1.202933
1.262877	0.900348	1.214947	1.895828	1.849364	1.079455	1.147317	1.126415	1.355337	1.934542
1.132444	1.059544	1.788272	1.107277	1.358883	2.686436	0.954613	1.283146	1.7219	2.073838
2.218527	1.549605	2.109433	1.060485	1.081435	2.313423	1.55543	1.953594	1.206309	1.442668
1.235566	1.268045	0.991002	1.450269	1.325231	1.248753	1.502376	1.440451	1.378527	1.233458
1.058874	0.872853	1.124102	1.88385	1.052843	1.06509	1.172276	1.163452	2.213654	1.532385
0.911411	1.170514	1.333268	1.091748	1.387818	0.876167	1.050831	1.237677	1.482804	1.280741
1.195279	1.583945	1.486864	0.745281	1.000754	1.210596	1.566866	1.415173	0.931125	0.902887
1.723127	1.378903	1.346744	1.087951	1.072296	1.263023	1.043825	1.055299	0.931125	0.811128
0.871612	0.762018	1.339953	1.631263	1.108097	1.732522	1.13215	1.093725	1.360371	1.002018
0.952356	0.795591	1.007919	1.171021	1.43519	0.848487	0.977862	1.435965	1.497183	1.014571
1.192782	1.57803	1.079354	0.898068	1.202012	0.870488	0.878262	1.106018	0.911712	1.126545
0.931401	0.777549	0.957625	0.809978	1.014784	0.88658	1.05616	0.833777	0.664599	0.839968
0.870426	0.910334	1.320197	0.811976	1.138605	1.399365	0.98997	0.970237	0.705912	0.672409
0.981967	1.035307	1.083067	0.821082	0.942019	0.703089	0.722397	1.000412	0.823785	0.820191
1.060707	0.945842	0.850478	0.884843	0.982726	0.89605	0.82684	0.94752	0.907931	1.1025
0.858733	0.746157	0.660045	0.741008	0.950134	0.831655	0.986911	1.150017	0.82482	0.921756
0.770313	1.079585	0.970382	0.802077	1.000754	0.832688	0.875895	1.163452	0.766714	0.992836
0.758247	1.026968	1.222593	1.148717	0.928822	0.850637	0.777091	1.022856	0.748084	0.867444
1.035725	1.054236	0.854866	1.142243	1.072296	0.731635	0.832143	0.937944	0.844968	0.884804
1.166225	1.035307	0.821967	0.765494	0.845141	0.792225	0.95603	0.816047	0.743763	0.994353
0.735076	0.868244	0.737691	0.699674	0.908508	1.058081	0.897677	0.9559	0.668197	0.98533
0.714733	0.718503	0.933183	0.828298	0.879714	0.685786	0.901416	1.196519	0.895562	0.756864
0.994401	1.08333	0.841833	0.948495	0.790798	0.961825	0.964632	0.871569	0.794796	0.831531
1.079475	0.900348	0.747912	0.704338	0.776836	1.094312	1.042091	0.774186	0.622954	0.746437
0.777909	0.822592	0.554343	0.65074	1.063346	0.868237	0.655682	0.697792	0.725249	0.674587
0.792518	0.884594	0.708398	0.682248	0.755391	0.637007	0.730766	0.781675	0.736939	0.72877
0.774094	0.861421	0.706043	0.793357	0.691458	0.593157	0.707728	0.675786	0.680656	0.648463
0.798503	0.904066	0.667858	0.64253	0.661652	0.727557	0.757784	0.593161	0.794796	0.591397
0.58229	0.708075	0.702148	0.577792	0.767772	0.995095	0.741892	0.730098	0.601366	0.740467
0.513554	0.725047	0.634085	0.539798	0.607552	0.699268	0.599735	0.626856	0.599511	0.617396
0.564352	0.490662	0.551592	0.556152	0.505722	0.505994	0.539714	0.559056	0.60385	0.493863
0.498699	0.510318	0.538094	0.599339	0.52019	0.595547	0.475572	0.427378	0.52593	0.450937
0.491706	0.419883	0.518348	0.542481	0.516653	0.548466	0.504699	0.552322	0.531168	0.538832
0.584125	0.513345	0.607714	0.63248	0.643758	0.858249	0.905187	1.128508	2.16567	0.265584
0.530807	1.867923	0.256673	0.128336	0.064168	0.032084	0.016042	0.008021	0	0
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1.572299	0.482648	0.241324	0.120662	0.060331	0.030165	0.015083	0.519361	2.067901	1.346027
1.176134	1.09267	0.965296	1.138178	1.024597	1.123732	1.02364	1.058292	1.030065	1.661988
0.894353	0.843136	0.708903	0.722162	0.89997	0.694182	0.79498	0.994266	0.871375	0.846916
0.790944	0.676175	0.662472	0.687619	0.806213	0.67358	0.711764	0.763964	0.776615	0.693197
0.617527	0.669015	0.628995	0.782953	0.628064	0.783369	0.762207	0.712365	0.776615	0.686513
0.578404	0.6362	0.693376	0.627746	0.469379	0.513682	0.647983	0.684561	0.636879	0.757612
0.642814	0.453911	0.491976	0.555646	0.471669	0.519187	0.637988	0.717984	0.668886	0.678482
0.419238	0.10782	0.182981	0.716605	0.823415	0.694936	0.705563	0.57186	0.608912	0.565156
0.352777	0.175887	0.459191	1.01562	0.850767	1.210945	0.865682	0.573016	0.634914	0.642407
1.057232	0.758609	1.073228	1.55129	1.245793	0.878119	1.426539	0.923956	0.917693	0.844789
1.416581	0.896074	0.966725	1.334997	1.439872	1.280641	1.469034	0.956289	0.837786	0.996959
1.287223	0.952263	1.286051	0.995671	0.896292	1.269163	1.142601	0.733613	0.820413	0.9807
1.957488	1.184635	0.952645	1.001712	0.764619	0.837498	0.86457	0.901195	1.365684	0.933981
1.164883	0.886595	0.655428	0.836691	0.772809	0.746999	0.878098	1.051273	1.168457	0.803334
0.882599	0.733182	0.716879	0.788502	1.069488	0.951957	0.901625	0.824592	0.847273	0.795687
0.902774	0.93098	0.916763	0.72537	0.866798	0.954694	0.716474	0.835044	0.817418	0.783541
1.112626	0.946843	1.071403	0.826412	0.707276	0.892154	0.837672	0.925257	0.936912	0.822054
0.808183	0.746557	1.123585	0.901638	0.749558	1.129853	1.050041	1.016179	0.927837	0.68873
0.703626	0.867115	1.043201	0.998681	0.696355	0.905431	0.726857	0.711568	0.749409	0.693946
0.774363	0.780997	0.704969	0.816372	0.895073	0.8546	0.787481	0.762171	0.869128	0.786314
0.801397	0.772804	0.760008	0.66673	0.789667	0.743608	0.798779	0.904907	0.854797	0.889444
0.690019	0.843136	0.85173	0.771167	1.123661	0.915348	1.170871	1.037568	0.832603	0.799494
0.754058	0.934892	0.982758	0.841922	0.892646	0.77512	0.925222	1.034208	0.840925	0.953976
0.925209	0.810464	1.093825	1.144471	0.913728	0.756462	0.870156	0.889047	0.771214	0.792854

1.023875	0.777336	0.841958	1.140266	1.005346	0.837498	0.920146	0.839297	0.966733	0.884766
0.828176	0.852786	0.753829	1.212984	0.935887	0.655976	0.852529	0.818439	0.855883	1.088868
0.785346	0.877319	0.802961	0.900432	0.830701	0.717396	0.946138	0.77304	0.794173	1.220458
0.97532	0.721006	1.050082	0.89803	0.816249	0.87354	0.873542	0.837165	0.833635	0.791914
1.085894	0.863766	0.984246	0.872445	0.848922	0.892154	0.885023	0.904907	1.041581	0.745627
1.110661	0.862656	0.838748	1.096513	0.912459	0.911602	0.902835	0.768478	0.927837	0.784464
0.895546	0.999757	0.965296	0.848285	0.771891	0.800352	0.726857	0.736133	1.146686	0.823062
0.950219	0.902105	0.968158	0.740939	0.812207	0.820035	0.757845	0.708395	0.862455	0.793797
0.935565	0.721006	0.831351	0.759692	0.83492	0.834365	0.725244	0.945242	0.922736	0.774424
0.899145	0.811449	1.084341	0.769381	0.69252	0.96301	0.81038	0.907399	0.894511	0.85553
0.872286	0.871621	0.956821	0.778382	0.697126	0.895735	0.762207	0.988203	0.87025	0.917366
0.732192	0.918189	0.814902	0.917631	0.675304	0.849182	0.746704	0.734451	0.64684	0.704569
0.724067	0.729085	0.891973	1.193631	0.831752	0.663634	0.760457	0.654225	0.620768	0.710758
0.672514	0.727458	0.93633	0.912647	0.970676	0.855691	0.680153	0.658431	0.728646	1.10018
0.78442	0.734832	0.710486	0.783873	0.931894	0.853511	0.791214	0.980741	0.789483	0.863209
0.881441	0.878468	0.765375	0.833582	0.771891	0.613917	0.761331	0.90865	0.694353	0.613437
0.648864	0.893685	0.857256	0.752779	0.759243	0.571577	0.645295	0.798538	0.794173	0.679932
0.765418	0.783763	0.76179	0.71503	0.617657	0.589558	0.851451	0.829787	0.784844	0.863209
0.940837	0.711505	0.621175	0.705699	0.790623	0.662232	0.809401	0.892655	0.77571	0.754153
0.752336	0.663371	0.647808	0.67097	0.719291	0.743608	0.784701	0.631793	0.645498	0.825085
0.621323	0.709942	0.771722	0.741774	0.569066	0.495185	0.637988	0.586534	0.636223	0.69771
0.581291	0.650933	0.829261	0.64479	0.56053	0.453419	0.616149	0.600485	0.728646	0.773523
0.724873	0.598387	0.637628	0.783873	0.636706	0.607081	0.730103	0.743782	0.594384	0.670597
0.655	0.705285	0.861728	0.790368	0.761028	0.862299	0.854694	0.725317	0.683255	0.704569
0.527924	0.616253	0.746872	0.683945	0.573687	0.86341	0.706334	0.585341	0.678894	0.733964
0.694507	0.786546	0.605323	0.517112	0.57137	0.662232	0.763085	0.618098	0.681797	0.672733
0.755786	0.72422	0.728298	0.634222	0.689477	0.672862	0.764846	0.616176	0.666068	0.668471
0.772559	0.628369	0.739178	0.698831	0.755696	0.731124	0.691926	0.666968	0.704206	0.738094
0.803325	0.735659	0.788483	0.721364	0.663003	0.691927	0.686	0.800487	0.722206	0.649116
0.77166	0.652297	0.742581	0.637497	0.627406	0.688939	0.79498	0.643885	0.718229	0.707653
0.6718	0.648217	0.658936	0.771167	0.775573	0.831254	0.79498	0.618098	0.873634	0.761973
0.701329	0.794058	0.725826	0.683945	0.822384	0.924215	0.584156	0.653528	0.954285	0.738924
0.830227	0.688625	0.702625	0.717394	0.603743	0.767025	0.72605	0.78044	0.743495	0.739756
0.685576	0.48858	0.593651	0.704931	0.678989	0.981593	0.930357	0.864591	0.714288	0.649792
0.693756	0.669015	0.581694	0.679577	0.741791	0.818027	0.845037	0.761278	0.783922	0.696954
0.897942	0.869362	0.818956	0.733494	0.743505	0.701017	0.715686	0.721228	0.890961	0.774424
0.90766	0.812436	0.862853	0.730226	0.824448	0.779684	0.833519	0.767572	0.860253	0.943197
0.708259	0.82243	0.883621	0.871318	0.721734	0.835406	0.899214	0.819459	0.655661	0.653874
0.742987	0.794058	0.768991	0.845092	0.792542	0.790835	0.900418	0.890246	0.693604	0.717828
0.92649	0.780079	0.704969	0.74513	0.787761	0.779684	0.871281	0.976325	0.785768	0.677038
0.855624	0.818405	0.681343	0.681755	0.76824	0.925496	0.831457	0.77121	0.899289	0.903788
0.768974	0.993715	0.648495	0.686145	0.848922	0.683023	0.808425	0.786074	0.855883	0.891802
0.693006	0.865996	0.912953	0.831521	0.755696	0.645073	0.811361	0.891449	0.795117	0.909908
0.72246	0.681989	0.764476	0.912647	0.725837	0.673358	0.845037	0.926561	0.829524	0.699984
0.811124	0.816406	0.685067	0.899229	0.823415	0.81503	0.81038	0.678617	0.83883	0.682845
0.855624	0.856051	0.746011	1.028368	0.89997	0.809099	0.833519	0.59864	0.740151	0.751578
0.848062	0.713075	0.68432	0.851501	0.827564	0.761711	0.835591	0.675676	1.249195	0.941869

0.832288	0.623866	0.855037	0.782953	0.695586	0.857883	0.907711	0.735291	1.134128	0.965028
0.747212	0.674015	0.774471	0.761438	0.766425	0.933267	0.775563	0.923956	0.975234	0.766379
0.921388	0.780997	0.895603	0.876986	0.851116	0.746999	0.766614	0.881917	0.935604	0.755879
1.038569	1.09267	0.849539	0.750214	0.701782	0.660834	0.794036	0.653528	1.089097	0.935285
1.033616	0.769211	0.70107	0.681028	0.75043	0.798432	1.004842	0.773958	0.989784	0.773523
0.755786	0.642835	0.813894	0.791304	0.890231	0.826119	0.908939	0.992742	0.781167	0.738924
0.757522	0.741493	0.927089	0.846154	0.761028	0.722192	0.691181	0.937137	0.851557	0.967836
0.921388	0.773706	0.79134	0.665326	0.707276	0.721389	0.733372	1.491634	0.93954	0.882446
0.697526	0.861548	0.902954	0.672393	0.770062	0.869009	1.009466	1.02592	1.0517	0.802371
0.681908	0.807524	1.050082	1.159518	0.891437	0.748704	0.859056	0.801465	0.826465	0.797587
0.718468	0.934892	1.073228	0.879275	0.897515	0.771504	0.809401	0.801465	0.924006	0.836383
1.102889	0.834735	0.743436	0.582024	0.852218	0.778767	0.925222	1.01298	1.041581	0.931383
1.025483	0.756866	0.69952	0.864611	1.01008	0.748704	0.863462	1.053017	0.73436	0.704569
0.765418	0.837867	0.839815	0.938159	0.896292	0.784296	0.988297	0.759496	0.642163	0.759351
0.733013	0.927103	1.084341	0.986764	0.719291	0.763476	1.014139	0.661258	0.741819	0.822054
0.797567	0.81541	0.84736	0.726175	0.714445	0.658745	0.875814	0.868001	0.931703	0.821049
0.881441	0.82243	0.671805	0.810457	0.950852	0.706408	0.843978	0.933141	0.785768	0.733964
0.889613	0.859341	0.868523	0.837732	0.891437	0.786154	0.790278	0.675676	0.742656	0.802371
0.942165	1.173149	0.972487	0.816372	0.759243	1.063305	0.896816	0.757722	0.894511	0.843729
1.145339	0.98628	0.884804	0.792241	0.748688	0.957448	1.410641	0.96192	1.017269	0.693197
1.124607	0.751681	0.943054	1.257216	0.75658	0.977233	1.885582	1.129231	0.944844	0.868779
0.948866	0.844198	1.069585	1.148717	1.347907	1.177587	0.900418	0.818439	1.16623	1.003026
1.041903	0.959133	1.214641	0.768492	0.957829	1.027779	0.866796	0.844671	0.973806	1.102094
1.412634	1.24712	0.899263	0.768492	0.720104	0.883912	1.003312	1.074511	1.341745	0.945867
0.920122	0.860443	0.853932	0.814391	0.856652	1.070414	1.055175	0.947977	1.0517	0.77083
1.000438	1.018401	0.985738	1.188925	1.073141	0.920392	0.684531	0.95769	1.070887	0.782621
1.000438	1.115883	0.840885	0.789434	0.973583	0.946534	0.966706	1.11894	1.491186	1.023348
0.952938	0.826493	0.927089	0.778382	0.930571	0.920392	1.16863	1.248294	1.060316	1.406282
0.836439	1.061774	1.532506	0.936847	1.006918	0.96301	0.831457	0.991224	0.904121	0.937907
0.845925	1.054812	1.127712	0.936847	0.827564	0.74785	0.865682	1.003522	0.798914	0.690214
0.966791	0.851704	0.814902	0.885049	0.793504	0.800352	0.936863	1.182335	0.992753	0.785388
0.76277	0.883094	0.787534	0.786644	1.02789	0.943848	0.826345	0.858965	1.274095	1.472997
0.712157	0.963308	1.071403	0.886213	1.22797	0.875824	0.752667	0.729445	0.915194	1.200754
0.903991	0.771004	0.800026	0.962476	0.775573	0.719788	0.786552	0.881917	0.856972	1.285577
1.19715	0.753403	0.693376	0.958328	0.700224	0.71581	0.859056	0.92266	0.73272	0.828138
0.866661	0.868237	0.731617	0.771167	0.831752	0.956069	0.968113	0.808374	0.930411	0.733143
0.794716	1.415802	0.829261	0.787572	1.155726	1.007159	0.915129	0.807381	0.853714	0.793797
0.890793	1.104122	1.046628	1.000194	1.078679	0.812055	0.951528	1.014577	1.125954	1.228083
0.930356	0.861548	0.937667	1.282594	0.979457	0.81903	1.087323	0.976325	1.104237	1.039655
1.19715	0.990726	0.881264	0.82947	0.848922	0.883912	0.93165	0.703679	1.039917	0.736437
0.855624	0.827515	0.79134	0.866835	0.818285	0.929364	0.93165	0.661258	0.905338	0.789105
0.805262	0.998238	0.93633	0.863503	0.778356	0.779684	0.834554	0.687564	0.880482	0.959467
0.944833	0.911932	1.091911	0.893264	0.611277	1.113718	0.849303	0.869144	0.880482	0.928801
0.894353	0.763877	0.875426	0.782035	0.874857	0.954694	0.748399	0.876065	0.864668	0.699225
0.943497	0.809482	0.806905	0.906497	1.039617	1.019732	0.710206	0.934469	0.9343	0.781703
1.183027	0.825474	0.763579	0.956953	0.815235	0.765247	0.794036	0.898738	0.894511	0.972082
0.875697	0.83266	0.909176	0.748513	0.704913	0.677188	0.888528	0.824592	0.873634	0.709203

0.716091	0.877319	1.153332	0.803657	0.743505	0.861191	1.03664	0.902429	0.754543	0.755015
0.896742	0.72261	1.091911	0.988236	0.930571	0.761711	0.735841	0.817422	0.692857	0.723408
0.906434	0.796908	1.113437	0.90772	0.866798	0.777853	0.785626	0.832934	0.938224	0.833273
0.769867	0.867115	0.796144	0.74513	0.88783	0.759079	0.901625	1.3428	0.938224	0.882446
0.817066	0.929684	0.786588	0.858007	0.934552	0.971488	0.927782	0.947977	0.756268	0.897754
0.817066	0.909455	0.838748	0.856916	0.770975	0.800352	0.913884	0.833988	0.75026	1.04132
0.840629	1.104122	0.947138	0.889725	0.781156	0.718989	0.908939	0.94388	0.968138	0.969247
0.90521	1.03293	0.911691	0.896833	0.893858	0.669289	1.233614	1.044366	1.148815	1.079661
1.192391	1.054812	0.934998	1.017193	1.107482	0.781523	0.81038	0.743782	0.801784	1.054874
0.939513	1.168638	1.576815	1.07259	0.885442	0.855691	0.82533	0.692108	0.813456	1.096376
0.965386	1.356603	1.478136	0.96807	0.777426	0.759079	0.813329	0.877229	0.855883	0.854443
0.995898	0.918189	0.921895	0.936847	0.830701	0.795568	1.053457	0.930497	1.014127	0.733964
1.102889	0.749967	0.882441	1.021947	1.076825	0.96022	1.213326	0.991224	0.915194	0.792854
0.908891	0.897274	1.03308	0.91638	0.901203	1.157421	0.826345	0.830833	1.06557	0.945867
1.389674	1.213509	1.060611	1.063729	0.86794	1.051137	0.862356	0.750696	0.982448	1.257249
1.080374	0.872754	1.002504	1.031615	0.826523	0.910361	1.031719	0.853412	1.130022	0.96643
0.931652	0.704514	0.838748	1.134034	0.884253	0.849182	0.848233	0.801465	0.912709	0.865429
0.809161	0.767426	0.771722	0.774759	0.889029	0.954694	0.707878	0.78044	0.926556	0.861001
1.085894	0.967524	1.026462	0.800775	1.019704	0.900556	0.763085	0.960505	1.138274	1.001501
1.091486	0.857145	0.944411	0.935539	0.880706	1.153064	0.935554	1.114891	0.797012	1.123729
0.687792	0.748259	0.941701	1.121831	0.886635	1.274864	0.966706	0.807381	0.864668	0.892986
0.712157	0.792168	0.856145	0.901638	0.789667	0.909123	0.771961	0.811369	0.738488	0.816055
0.77346	0.899683	0.884804	0.751067	0.812207	0.717396	0.779196	0.876065	0.904121	0.890622
0.787204	0.680528	0.635621	0.644122	0.831752	0.839599	0.862356	0.830833	0.985368	0.953976
0.79377	0.789348	0.700295	0.723763	1.233242	1.040972	1.050041	0.819459	0.796063	0.861001
0.688533	0.746557	0.82718	0.96948	0.956424	0.845964	0.900418	1.051273	0.864668	0.931383
0.758392	0.754266	0.816924	1.043172	0.808202	0.699488	0.778285	0.933141	0.905338	0.881291
0.845925	0.756866	0.662472	0.704931	0.777426	0.862299	0.808425	0.827701	0.912709	0.82916
0.870027	0.990726	0.683574	0.835652	0.939918	0.849182	0.954249	0.664104	0.816424	0.760223
0.882599	1.044576	0.906677	0.998681	0.8102	0.727041	0.946138	0.606694	0.822421	0.865429
0.767192	0.721807	0.786588	0.920145	0.649656	0.780602	1.065629	0.845754	0.829524	0.948553
0.823091	0.670438	0.76179	0.835652	0.815235	0.836451	0.856869	0.877229	0.815432	0.705338
0.849134	0.890126	0.805916	0.925216	0.93857	1.016555	0.766614	0.817422	0.796063	0.657305
0.743829	0.924537	0.831351	0.920145	0.738383	0.843832	0.771066	0.734451	0.754543	0.741426
0.768974	0.695363	0.815912	0.634222	0.610645	0.97579	0.708653	0.7455	0.965332	0.769044
1.0175	0.652297	0.753829	0.661141	0.664433	0.906658	0.859056	0.763964	0.792291	0.611573
0.91886	0.690113	0.683574	0.82036	0.881885	1.03268	0.954249	0.930497	0.795117	0.781703
0.992898	0.696875	0.829261	0.824386	0.725837	1.065072	1.065629	1.034208	0.899289	0.871028
1.080374	0.861548	1.051819	0.786644	0.737535	0.904207	0.793093	0.816407	1.063811	1.003026
0.819065	1.081513	1.002504	0.866835	0.761028	0.845964	0.851451	0.866861	0.766765	0.673448
0.733013	0.86488	0.868523	0.870193	0.781156	0.689684	0.871281	0.994266	0.699631	0.785388
0.768082	0.804603	1.004061	0.929059	0.722551	0.620226	0.655462	0.752442	0.785768	0.985075
0.991406	0.808502	0.885991	0.746818	0.748688	0.693429	0.719643	0.857849	0.793231	0.936594
0.857809	0.977523	0.754706	0.721364	1.071311	1.0134	0.837672	1.034208	0.944844	0.71232
0.677547	0.786546	0.765375	0.715817	0.855539	0.850261	0.876954	0.949352	0.847273	0.787243
0.638826	0.699915	0.818956	0.805589	0.751303	0.597929	0.750955	0.82048	0.788551	0.823062
0.78907	0.756866	0.794216	0.799818	0.725013	0.666452	0.726857	0.947977	0.909008	0.800451

0.758392	0.704514	0.6186	0.803657	0.870234	0.816027	0.938176	0.942523	0.864668	0.841618
0.77346	0.849546	0.68432	0.889725	0.982424	0.862299	0.943467	0.70134	0.814443	0.962239
0.797567	0.942823	0.833452	0.988236	0.760135	0.804218	0.902835	0.704461	0.837786	1.074229
0.807207	1.058279	0.85837	0.823376	0.720104	0.763476	0.83663	0.824592	0.961156	0.833273
0.887263	0.712289	0.758233	0.925216	0.682706	0.793669	1.018864	1.08567	0.942184	0.834307
0.866661	0.627078	0.792297	0.980926	0.942625	0.941178	0.745858	0.760386	0.852634	0.746472
0.732192	0.719408	0.941701	0.931639	1.029546	1.193946	0.823307	0.801465	0.936912	0.960851
1.106758	0.87049	0.904191	0.918886	0.874857	1.131912	0.908939	0.966191	0.924006	0.977809
1.224299	1.03293	1.041498	1.076186	0.844565	1.223508	1.13426	1.009805	1.004838	0.864318
0.957047	1.024799	1.689338	1.303412	1.427254	1.247079	0.973785	0.879567	1.486517	0.923681
1.073121	0.966114	1.194839	0.835652	1.067673	0.937204	0.843978	0.946607	1.243851	0.969247
1.201962	0.928391	1.095747	0.792241	0.825484	1.011832	1.177665	1.097124	0.88861	0.854443
1.22176	0.885425	0.979799	0.892081	0.848922	1.39282	1.568991	1.080054	0.983905	1.144378
0.838529	0.824457	1.065974	1.225532	0.931894	0.899346	0.954249	0.933141	0.970963	0.948553
0.77166	0.942823	0.912953	0.948799	0.992971	0.851341	0.780108	0.997329	0.900492	0.924956
0.858906	0.949545	0.956821	0.842976	0.896292	0.736905	0.784701	0.865724	0.799869	0.967836
0.931652	1.196434	1.021563	0.818362	1.036234	0.826119	0.843978	0.825626	0.900492	0.973507
0.828176	1.144633	0.925785	0.91638	0.970676	1.040972	0.811361	0.934469	0.917693	0.960851
0.72811	0.714649	0.776313	1.113883	0.918841	0.773309	0.943467	1.408885	0.961156	0.931383
0.844861	0.73815	0.725826	0.946115	0.94535	0.769707	0.816298	1.027565	1.121924	0.936594
0.852367	0.875031	0.673988	0.801733	0.814224	0.930661	0.929067	0.764863	0.94752	0.828138
1.187684	1.102192	0.826143	1.014053	0.955024	0.914096	1.06917	0.765764	0.912709	0.940544
0.961197	0.919451	1.050082	1.085308	0.794469	0.829193	1.09292	0.825626	1.406192	1.113761
0.972459	0.690859	1.026462	1.083468	0.821356	0.967228	1.08918	1.017788	1.182064	0.882446
0.766304	0.683455	0.790385	0.880424	1.071311	1.098161	0.702496	0.854517	0.985368	0.685777
0.751478	0.818405	0.914219	1.077995	0.830701	0.892154	0.658214	0.726964	0.84834	0.902575
0.899145	1.034575	1.076901	0.823376	0.603743	0.803248	0.66728	0.747225	0.93954	0.802371
0.763651	0.819408	0.895603	0.648146	0.701002	0.72867	0.838717	0.874904	0.822421	0.66425
0.830227	0.71623	0.820997	0.691324	0.722551	0.818027	0.831457	0.937137	0.753683	0.768154
0.979649	0.695363	1.038111	0.844033	0.883068	0.896935	0.681608	0.766667	0.834669	0.917366
1.130723	0.767426	0.89077	0.871318	0.841326	1.077642	0.823307	0.876065	0.733539	0.726629
0.700565	0.945499	0.779092	0.792241	0.885442	1.063305	0.905266	0.92266	0.892141	0.783541
0.736312	0.787478	0.726649	0.719772	0.772809	0.839599	0.854694	0.815395	0.869128	0.776232
0.778906	0.797863	0.870812	0.854742	0.892646	0.861191	0.753526	0.826662	0.915194	0.825085
0.917601	0.826493	0.972487	0.816372	0.828607	0.890967	0.781023	0.873745	0.948865	1.087011
0.922658	0.903321	0.720111	0.803657	0.973583	0.981593	0.948825	1.011389	0.835705	0.999982
0.880286	0.938839	0.643028	0.835652	0.856652	0.820035	1.164182	0.847928	0.80953	0.756744
0.875697	1.047961	0.805916	0.942119	0.911194	0.860085	1.025244	0.767572	0.806609	0.955342
0.772559	0.925818	0.834506	0.80753	0.924015	0.881586	0.954249	0.855625	1.083554	0.905005
0.854536	0.713075	0.713671	0.899229	0.795435	0.746999	1.274415	0.830833	0.917693	0.793797
0.832288	0.700678	0.826143	0.952857	0.767332	0.87697	1.081797	0.843591	0.80564	0.819044
0.946173	0.93228	0.934998	0.83255	0.687208	0.883912	0.921409	0.788919	0.853714	0.969247
1.089614	1.301456	1.36435	0.781118	0.684201	0.788957	0.832487	0.896295	0.902908	0.773523
0.872286	0.792168	0.826143	0.991195	0.776499	0.906658	0.938176	1.069037	0.910238	0.749869
0.854536	0.665479	0.725826	0.887381	0.86339	1.016555	0.962514	0.921368	0.968138	0.684308
0.961197	0.944159	0.929709	0.858007	0.966351	1.26075	0.808425	1.054768	1.322225	0.85771
1.014348	0.900892	1.08811	0.81936	0.704913	0.848107	0.843978	1.196692	1.063811	0.945867

0.916346	0.779163	0.952645	0.714245	0.67165	1.059794	1.048343	1.166164	0.764998	0.937907
0.788136	0.83682	1.029758	0.754497	0.743505	0.96022	0.946138	0.861207	0.679618	0.831211
0.988437	0.897274	1.01352	1.121831	1.065865	0.741082	0.735841	0.839297	0.94086	0.803334
1.245168	1.077856	1.018328	0.847218	0.924015	0.77694	0.768389	0.756837	1.07627	0.982154
0.901561	0.892495	0.877752	0.759692	0.895073	0.823066	0.904049	0.769387	0.917693	1.044669
0.783496	0.819408	0.802961	0.830495	0.967788	0.954694	0.887356	0.828743	0.718229	0.767266
0.780736	0.788412	0.937667	0.91638	0.843483	0.987474	0.80745	0.927869	0.773007	0.877843
1.035261	0.788412	0.666755	0.814391	0.754814	0.914096	0.851451	0.877229	0.968138	0.885931
0.751478	0.736488	0.768991	0.728601	0.892646	0.971488	0.874676	0.664818	1.018848	0.854443
0.706709	0.829566	0.976859	0.782953	0.808202	0.794617	0.93165	0.673482	0.889784	1.056598
0.778906	0.811449	0.905432	1.058498	0.776499	0.655287	1.058632	0.828743	0.942184	1.265555
0.855624	0.733182	0.887181	1.108015	0.892646	0.816027	0.935554	0.896295	0.813456	0.816055
1.014348	0.780079	0.837684	1.028368	0.970676	1.034325	0.762207	0.828743	0.886272	0.732323
0.957047	0.782839	0.834506	1.42174	1.016472	0.889783	0.91763	0.808374	0.879333	0.831211
0.849134	0.807524	0.790385	0.741774	0.670923	0.849182	0.892061	0.886657	1.220582	0.988015
0.868902	0.858242	0.836622	0.600946	0.668748	0.987474	1.08918	0.90865	1.113974	0.986542
0.881441	0.733182	0.780954	0.751067	0.783975	0.855691	0.895623	1.047806	0.764117	0.845851
1.201962	0.83682	0.924484	0.956953	0.872539	0.890967	0.746704	0.889047	0.702676	0.802371
1.025483	1.004343	0.966725	0.976598	0.921421	0.732768	0.790278	0.937137	1.041581	1.048044
0.825118	0.863766	0.840885	0.699589	0.655226	0.829193	0.796876	1.035884	1.06206	0.898954
0.815076	0.839967	0.722551	0.842976	0.77465	0.862299	0.991259	0.959095	0.67673	0.88827
0.848062	0.767426	0.90049	0.983835	0.891437	0.691178	0.978088	0.989711	0.800825	0.911142
0.978201	0.780079	0.982758	0.908946	0.982424	0.763476	0.885023	0.858965	1.043251	0.88827
1.15827	1.123905	0.800026	0.834615	1.233242	1.044334	0.950174	1.061844	0.865778	0.922411
0.866661	1.140408	0.954032	0.979478	0.946719	0.993437	1.025244	0.763964	0.841977	1.254515
0.759264	1.037883	1.157752	1.166129	0.908675	0.803248	1.006378	0.741217	0.810508	1.096376
0.959809	0.869362	0.85173	0.988236	0.964919	0.890967	1.03664	0.792741	1.072674	0.874422
1.293152	0.692356	0.765375	1.014053	1.190347	1.0134	1.06037	0.925257	1.02362	0.900158
1.110661	0.995218	1.051819	0.989713	0.819306	0.934575	0.894432	0.714764	0.907781	0.916114
1.219235	1.03293	1.29816	1.115856	0.711244	0.968643	0.848233	0.844671	0.965332	1.081487
1.237224	0.996725	0.845191	0.946115	0.853322	0.879272	0.793093	0.956289	1.094713	0.890622
1.038569	0.726646	0.820997	0.980926	0.962069	1.026157	0.876954	1.080054	1.13207	0.842672
0.998919	0.677621	0.807896	0.925216	0.854429	1.0134	0.922676	0.889047	0.992753	0.796636
0.893163	0.837867	0.915489	0.733494	0.755696	0.758204	0.755248	0.877229	0.991266	0.745627
1.01278	0.684926	0.859486	0.76495	0.719291	0.731124	0.738324	0.832934	0.978105	0.998468
0.758392	0.668305	0.937667	0.810457	0.84565	0.836451	0.784701	0.9867	0.874767	1.243748
0.727299	0.897274	1.062391	1.029988	1.013264	0.907889	0.878098	0.847928	0.771214	0.837425
0.943497	0.93228	0.923188	0.920145	0.892646	0.801316	0.739987	0.884281	0.854797	0.896557
0.874557	0.942823	0.837684	0.788502	0.851116	0.853511	0.809401	0.889047	0.955651	0.894173
0.781654	0.86488	0.760898	0.789434	1.233242	1.111743	1.012576	0.826662	1.001785	0.9807
0.913847	0.941491	0.931026	1.074384	1.260606	1.034325	0.818289	0.788919	0.864668	1.023348
0.959809	0.794058	0.805916	1.003236	0.953629	0.777853	1.130149	0.884281	0.868008	1.029798
0.932953	0.797863	0.740876	0.936847	0.76915	0.851341	1.184566	1.056526	0.94086	0.914866
0.758392	0.72261	0.670356	0.826412	0.869085	0.855691	1.030091	0.842514	0.918948	0.80141
0.785346	0.938839	0.797112	0.863503	0.915001	0.822054	0.824317	0.661968	0.851557	0.935285
0.767192	0.886595	1.010344	0.88273	0.75658	0.743608	0.785626	0.668407	1.039917	1.129821
0.959809	0.649573	0.945773	1.033247	0.841326	0.814036	1.09292	0.904907	0.943512	0.921144

1.030345	0.674015	0.768084	1.033247	0.87953	0.919126	0.874676	1.054768	1.092833	0.835344
0.795664	0.750823	0.867383	1.442217	0.884253	0.956069	0.729289	0.899965	1.049997	0.903788
0.857809	0.971781	0.891973	0.849354	0.716054	0.928071	0.821293	0.885467	0.86356	1.096376
0.809161	0.956372	1.011929	0.664626	0.755696	1.544464	1.003312	0.841439	0.924006	0.821049
0.822081	0.787478	0.84411	0.823376	0.779287	0.96022	0.875814	0.845754	0.912709	0.761973
0.879134	0.62579	0.810885	0.934236	0.991448	0.855691	0.813329	1.127153	0.784844	0.789105
1.033616	0.681258	0.755585	0.70187	0.937226	0.953323	0.833519	1.148392	0.924006	0.882446
0.950219	0.919451	0.740026	0.63684	0.937226	0.99494	0.85361	1.019402	0.770321	0.82916
0.832288	0.961912	0.89077	0.817366	0.749558	0.890967	0.822299	0.804413	0.675293	1.074229
0.792826	0.842077	0.883621	0.921407	0.782094	0.755593	0.908939	0.766667	0.817418	1.042991
0.855624	0.905764	0.782824	0.724566	0.83492	0.660136	0.82533	0.856735	1.063811	0.926234
0.917601	0.769211	0.758233	0.83255	0.952238	0.787086	0.818289	0.845754	0.832603	0.891802
0.921388	0.808502	0.714471	1.159518	1.11956	0.965817	0.681608	0.828743	0.773007	0.989493
0.923932	0.844198	0.963872	1.429815	0.837045	0.843832	0.771066	0.880741	0.970963	1.328624
1.17386	1.039546	0.819975	1.003236	0.782094	0.894538	0.961125	0.835044	1.130022	0.778048
1.071327	0.887769	0.782824	0.982378	0.847828	0.902986	1.112116	0.732776	0.973806	0.765494
0.889613	0.746557	0.838748	1.014053	0.902439	0.794617	0.986824	0.927869	0.905338	0.916114
0.868902	0.752541	0.85173	0.844033	0.840252	1.115702	0.837672	0.845754	0.860253	0.878989
0.897942	0.705285	0.801981	1.018772	0.76824	0.898139	0.935554	1.006652	0.749409	0.775327
0.774363	0.737318	0.811886	0.893264	0.735002	0.96022	1.126076	1.116911	1.001785	0.887099
0.879134	0.974642	1.105485	0.946115	0.778356	1.066845	0.866796	0.897515	1.159617	0.790976
0.985488	1.140408	1.015117	0.922673	0.942625	0.838547	0.642624	1.006652	1.376363	0.841618
1.371427	1.065296	0.915489	0.734315	0.818285	0.987474	0.852529	1.017788	0.983905	0.832241
0.897942	0.983341	1.131878	0.733494	0.939918	1.363701	1.122042	1.016179	0.756268	0.988015
0.679722	0.920717	1.36435	1.104147	1.008496	1.113718	0.935554	0.911164	0.969548	0.831211
0.848062	0.857145	0.783762	0.913888	1.11147	1.034325	1.030091	1.65236	0.991266	0.769936
0.947518	0.937519	0.882441	0.670261	0.99757	0.870137	1.014139	1.267909	1.090961	1.049741
0.940837	0.830595	0.958222	0.880424	1.053418	0.730305	0.934249	1.017788	0.982448	1.023348
0.791884	1.074231	0.871961	0.935539	1.210006	0.843832	1.043289	1.182335	1.000267	0.871028
0.925209	0.984808	1.041498	1.092746	0.985411	0.778767	0.997243	1.152767	0.94086	0.951256
1.404845	0.998238	0.902954	1.053329	0.856652	0.922937	1.055175	0.945242	0.94086	0.897754
1.299162	0.934892	0.755585	0.982378	0.842403	1.119698	1.210855	0.82356	0.958395	0.883605
0.897942	1.25526	0.91804	1.049917	1.005346	0.993437	1.038293	0.818439	0.890961	0.819044
0.90766	0.934892	0.937667	0.970894	0.99757	0.847034	1.02364	0.764863	0.790417	0.824073
1.108705	0.758609	0.819975	0.961089	0.778356	0.941178	1.009466	0.850113	0.924006	0.955342
0.985488	0.734006	0.747736	0.830495	0.869085	1.037636	0.958362	1.016179	1.012565	0.818046
0.861108	0.83682	0.876587	0.920145	0.752178	0.987474	0.968113	0.793702	0.9343	0.943197
0.875697	1.021588	1.140333	0.886213	0.690996	0.818027	0.938176	0.77121	0.988307	1.024952
0.85345	0.877319	1.182905	0.742611	0.824448	0.929364	1.126076	0.931817	1.004838	0.983612
0.92649	0.770106	0.982758	0.749363	0.942625	0.898139	0.948825	1.063631	0.94752	0.787243
1.20928	0.804603	1.065974	0.91141	1.11956	0.999482	0.905266	0.991224	0.918948	0.719415
1.050352	0.762995	0.93633	1.108015	0.902439	1.127803	1.004842	1.017788	0.887439	0.903788
0.792826	0.899683	0.924484	0.783873	1.044741	1.333119	0.968113	1.099062	0.955651	1.117721
0.756653	0.918189	1.036428	0.90772	1.252214	0.84277	0.922676	1.040954	0.782083	0.819044
0.826135	0.807524	1.343413	1.138178	1.013264	0.798432	0.886188	0.912427	0.841977	0.805267
1.008111	0.817404	1.019943	0.753637	0.83918	0.776029	0.722834	0.85121	0.86356	0.8261
1.156088	1.121886	0.79134	0.760564	0.960651	0.801316	0.750101	0.853412	1.044927	0.962239

0.903991	1.208562	0.916763	0.915132	1.125727	0.880427	0.759584	0.725317	0.767651	0.831211
0.814085	1.170888	1.002504	1.031615	0.980938	1.01814	1.13633	0.833988	0.708831	1.006091
0.833322	0.781917	0.728298	0.910176	0.989931	0.964411	0.989775	0.959095	1.012565	0.940544
0.989919	0.820413	0.683574	0.932935	1.000664	0.899346	0.867913	1.061844	0.929122	0.887099
0.868902	0.85496	0.863981	0.841922	0.979457	1.063305	0.956986	0.742925	0.926556	1.233243
0.978201	0.921987	0.849539	0.902848	0.740084	0.802281	0.948825	0.710772	0.818414	1.102094
0.858906	0.859341	0.804928	0.906497	0.705699	0.736075	0.992747	0.7758	0.918948	0.813086
0.915095	0.694609	0.804928	0.917631	0.670923	0.715018	1.118044	1.040954	0.887439	0.776232
0.782574	0.812436	0.89077	0.913888	0.827564	0.731124	0.834554	0.716371	0.841977	0.813086
0.934257	0.881933	0.93367	0.845092	0.881885	1.047722	0.862356	0.727789	0.955651	0.85771
1.151756	0.792168	0.829261	0.76407	0.808202	1.046025	1.000267	1.137643	1.119922	0.822054
0.940837	0.669015	0.793255	0.939475	0.889029	1.153064	0.969524	0.966191	0.862455	0.716247
0.973887	1.008979	0.939007	0.998681	0.843483	0.889783	0.973785	0.762171	0.767651	0.718621
0.910124	0.983341	0.982758	0.678853	0.805223	0.799391	0.820289	0.942523	1.157435	1.016993
1.001962	0.809482	0.796144	0.912647	0.828607	0.917863	0.943467	0.902429	0.976668	1.168287
0.819065	0.772804	1.038111	0.952857	0.975044	1.249779	1.074537	0.914962	0.721408	1.046353
0.737141	0.725027	1.138204	0.944779	0.975044	0.996449	0.733372	0.815395	0.799869	0.772623
0.724067	0.700678	0.951262	0.730226	1.01008	0.810082	0.749249	0.87259	0.83883	0.754153
0.942165	0.833696	0.781888	0.781118	0.821356	0.930661	0.851451	0.884281	0.91395	0.859901
0.840629	0.780079	0.818956	0.733494	0.878357	1.092468	1.078151	1.175331	0.942184	1.015419
1.001962	0.826493	1.036428	0.730226	0.851116	0.872403	0.8461	0.871439	0.894511	0.8043
0.868902	0.865996	0.978327	0.934236	1.032877	0.67358	0.760457	0.916236	0.926556	0.895363
0.726488	0.893685	0.790385	0.849354	0.922716	0.74785	0.968113	0.956289	1.003309	0.846916
0.831256	1.061774	0.966725	0.82947	1.034552	1.0134	0.963907	0.945242	0.828502	0.810138
0.757522	0.87962	0.848448	0.81242	0.922716	0.855691	0.827363	0.7758	0.711161	0.843729
0.888436	0.669726	0.633622	0.786644	0.696355	0.699488	0.764846	0.818439	0.708831	0.918622
0.962588	0.696119	0.603459	0.76407	0.709653	0.779684	0.944801	0.991224	0.86356	0.812101
0.810142	0.842077	0.780022	0.777473	1.018085	0.933267	1.094802	0.761278	0.801784	0.895363
0.957047	1.109963	0.93633	0.76407	0.903679	1.157421	0.961125	0.742925	0.793231	1.113761
0.879134	0.867115	1.053563	0.870193	0.697126	0.769707	1.223351	0.784188	0.758	1.109838
0.952938	0.698392	0.837684	0.893264	0.725013	0.801316	1.055175	1.022649	0.738488	0.863209
1.011218	0.87049	0.814902	0.952857	0.827564	0.968643	0.9265	0.84684	0.982448	0.8261
0.86778	1.060023	1.148955	1.161711	0.904923	0.893345	0.934249	0.758608	1.003309	0.765494
0.994396	0.849546	1.144623	1.100314	0.755696	0.748704	1.114083	0.825626	1.328635	0.951256
1.126636	0.900892	0.911691	0.947455	0.84565	0.773309	1.009466	0.88785	0.892141	0.803334
1.100968	0.802666	0.85173	0.955584	1.055175	1.035978	0.689694	0.828743	0.933	0.747319
1.264288	0.837867	0.794216	0.961089	0.964919	1.047722	0.783779	0.837165	1.036608	1.031425
0.91886	0.68419	0.828219	0.67382	0.712842	0.96301	1.106267	0.874904	1.081721	0.958088
0.803325	0.686402	0.848448	0.749363	0.86226	1.159616	0.907711	0.836103	0.860253	0.76373
0.787204	0.691607	0.793255	0.782035	1.123661	0.997963	0.762207	1.08567	0.994246	0.727438
1.009661	0.750823	0.882441	0.934236	0.983915	0.840653	0.727666	0.880741	1.041581	0.880138
1.093366	0.859341	0.84411	0.762313	0.841326	1.136061	0.714899	0.836103	1.177481	0.928801
0.821073	0.915676	0.988739	0.767604	0.904923	1.059794	0.832487	0.806389	0.933	0.80141
0.763651	0.780997	0.973939	0.846154	0.912459	0.896935	0.759584	0.988203	0.745176	0.728248
0.777083	1.065296	1.153332	1.155165	1.002219	0.953323	0.861253	0.998869	0.94086	1.031425
0.969616	0.944159	0.825109	0.779292	0.964919	0.887425	0.934249	1.027565	0.997246	1.109838
0.830227	0.894878	0.690336	0.713461	1.005346	1.002537	0.975214	1.087558	0.942184	0.901364

0.632913	0.802666	0.859486	0.806558	0.962069	0.882748	0.932948	0.789871	0.855883	0.998468
0.707483	0.987757	1.15998	1.009384	0.97651	0.848107	0.881547	0.686812	0.799869	0.921144
0.944833	0.938839	0.85283	0.797912	0.880706	0.777853	0.991259	0.989711	0.970963	1.087011
1.028718	0.990726	0.719301	0.796961	0.924015	0.772405	0.961125	0.946607	0.846208	0.93268
0.80236	0.814416	0.751207	0.936847	0.94947	0.911602	0.985356	0.736976	0.792291	1.150769
0.77166	0.820413	0.861728	1.067252	0.853322	0.849182	1.02847	0.926561	0.95702	1.048044
0.819065	0.909455	0.896819	1.009384	0.957829	0.899346	1.319451	0.988203	1.07808	0.834307
1.036912	0.762995	0.722551	1.090875	1.069488	0.97579	1.062116	0.87259	0.868008	0.864318
0.935565	0.735659	0.982758	1.150856	0.988419	0.917863	0.726857	0.734451	0.886272	1.046353
0.935565	0.720206	1.005623	1.090875	0.891437	0.922937	0.670108	0.681579	0.722206	0.955342
1.065987	0.713075	0.793255	0.906497	0.852218	0.888603	0.843978	0.925257	1.039917	0.754153
0.962588	0.750823	0.934998	1.004765	0.846738	0.965817	1.142601	1.129231	0.980996	0.845851
0.727299	0.757737	0.876587	0.934236	0.901203	1.16404	0.869033	0.802446	1.085394	0.789105
0.87684	0.842077	0.84411	0.887381	0.813214	1.098161	0.870156	0.898738	1.06206	0.931383
1.206827	0.886595	0.826143	0.927774	0.715249	1.011832	0.916378	1.042657	0.907781	0.872156
0.861108	0.665479	0.956821	0.920145	0.684201	1.034325	1.144711	0.982223	0.738488	0.839516
0.768082	0.772804	0.955424	0.899229	0.8102	0.914096	0.886188	0.87259	0.751114	0.735611
0.922658	0.888946	0.993279	0.839822	0.916277	0.87697	0.866796	0.90865	1.098497	0.883605
1.393417	0.942823	0.891973	0.923943	0.748688	0.978682	1.128108	1.016179	0.959773	1.144378
0.880286	0.807524	1.232742	0.844033	0.753055	1.470978	0.955615	1.049536	0.935604	0.80141
0.809161	0.974642	1.37521	1.131976	0.931894	1.107819	0.800691	1.279528	1.017269	0.839516
1.194764	1.236499	1.173589	0.938159	1.180842	0.886251	0.707878	0.994266	1.225646	0.973507
1.201962	0.792168	0.931026	0.778382	0.926625	0.889783	0.831457	0.890246	0.929122	0.996959
0.797567	0.824457	1.046628	0.847218	1.02789	1.010268	0.988297	1.168438	0.83883	0.918622
0.925209	0.897274	0.954032	0.986764	1.283811	1.166268	0.921409	0.994266	1.094713	0.936594
1.139014	1.012097	0.838748	1.175105	1.39146	0.980135	0.915129	1.067227	1.058579	0.949902
0.947518	1.053089	0.923188	1.004765	0.935887	0.967228	1.022042	1.001966	0.833635	1.042991
0.737971	1.108007	0.910432	0.80753	1.149121	1.20115	1.044967	1.044366	0.969548	1.117721
0.796615	0.906991	1.254396	0.979478	0.913728	0.791778	1.078151	1.102966	0.871375	1.094487
1.15827	0.860443	0.877752	1.21796	0.832805	0.71581	0.797826	1.201585	0.871375	1.087011
1.219235	0.960521	0.735801	0.861296	0.781156	0.985997	0.8461	0.868001	0.887439	1.060067
1.0175	1.333041	0.824078	0.789434	0.911194	0.928071	1.06917	0.963339	0.812471	0.876699
0.803325	0.878468	0.969596	0.873576	0.911194	0.660834	0.982434	0.96192	0.822421	0.993957
0.875697	0.810464	0.841958	1.220469	0.770975	0.758204	1.081797	1.214064	0.820413	1.109838
1.053779	0.817404	0.697976	0.849354	0.870234	0.81903	0.936863	1.027565	0.930411	0.862104
1.164883	0.83266	0.628995	0.947455	0.874857	0.950595	1.09859	0.787968	1.186696	0.921144
0.897942	0.868237	0.728298	1.031615	0.736689	0.664337	0.785626	0.731941	0.936912	0.97637
0.81607	0.933584	1.142473	0.858007	0.701782	0.693429	0.954249	0.871439	0.976668	1.007632
0.864431	0.689368	0.958222	0.818362	0.946719	0.861191	1.026854	1.265052	1.121924	0.917366
0.800437	0.713075	0.781888	0.954218	1.021329	0.946534	0.797826	1.056526	1.089097	0.937907
1.023875	0.920717	0.676915	0.893264	0.821356	1.0134	0.788411	0.814385	1.168457	0.996959
0.769867	0.771004	0.736643	0.720567	0.707276	1.32985	1.048343	0.893865	1.241203	0.856618
0.629663	0.582971	0.716879	0.682484	0.630705	0.914096	0.902835	1.009805	0.87025	0.629939
0.602668	0.650933	0.678386	0.632919	0.573107	0.647097	0.634053	0.862332	0.702676	0.563488
0.747212	0.608153	0.781888	0.72537	0.586657	0.580765	0.576656	0.751568	0.733539	0.700745
0.78907	0.664775	0.724186	0.71034	0.702562	0.791778	0.619293	0.641168	0.948865	0.728248
0.776174	0.87962	0.752079	0.738443	0.893858	1.119698	0.969524	0.903666	0.89809	0.75848

0.797567	0.786546	0.681343	0.824386	0.920129	0.881586	0.81038	1.214064	0.820413	0.733143
0.866661	0.664072	0.760898	0.673106	0.777426	0.852425	0.887356	1.101009	0.975234	0.967836
0.687052	0.725027	0.703405	0.616325	0.832805	0.993437	0.819288	1.110879	1.025222	0.824073
0.751478	0.838915	0.720111	0.741774	0.902439	0.875824	0.989775	0.989711	0.72461	0.721806
0.854536	0.93228	0.921895	0.915132	1.00378	0.741923	1.0569	1.091359	0.741819	0.739756
0.72811	0.956372	1.10746	0.840871	0.881885	0.721389	0.820289	0.871439	0.815432	0.896557
0.78442	0.734006	0.867383	0.731857	0.87602	0.758204	0.707105	0.841439	0.911472	1.170527
0.803325	0.812436	0.784702	0.806558	1.254994	1.065072	0.860153	0.92266	1.115947	0.892986
0.766304	0.934892	0.89804	1.006299	0.926625	0.981593	0.961125	0.812372	0.930411	0.786314
0.780736	1.012097	0.990247	0.976598	0.757466	0.798432	0.922676	0.907399	1.069107	0.766379
0.882599	0.929684	0.806905	0.795067	0.795435	0.691927	0.911404	1.253809	1.279827	0.856618
1.040233	0.798819	0.743436	0.745973	0.962069	0.748704	0.873542	0.85231	0.785768	0.917366
0.80236	0.746557	1.048351	0.856916	0.730812	0.834365	1.208398	0.6042	0.624581	0.864318
0.765418	0.963308	1.000953	1.061978	0.684201	0.827141	1.09292	0.899965	0.788551	0.858804
0.742147	0.887769	0.755585	0.915132	0.786812	0.68229	0.89088	0.837165	0.911472	0.923681
0.778906	0.849546	0.787534	0.982378	1.02789	0.662932	0.835591	0.813378	0.843031	0.877843
1.106758	0.970357	1.199705	0.879275	0.97651	0.865641	0.851451	0.803428	0.845147	1.155083
1.071327	0.93228	1.038111	0.818362	0.86226	1.150902	0.950174	0.810369	1.018848	1.074229
0.884925	1.068848	0.801981	0.787572	0.921421	0.928071	1.018864	0.752442	0.991266	0.750723
0.854536	0.731539	0.727473	0.997173	1.018085	0.889783	1.228452	0.789871	0.91395	0.711538
0.930356	0.721006	0.815912	1.014053	0.930571	0.958832	1.055175	0.935801	0.905338	0.70688
0.825118	0.810464	0.971039	1.044848	0.708067	0.799391	0.745858	0.83823	0.881634	0.836383
0.901561	0.949545	0.927089	0.96948	0.746089	0.799391	0.724439	0.831882	0.904121	1.063565
1.005025	0.712289	0.899263	1.186591	0.831752	0.985997	0.895623	0.880741	0.885108	0.765494
0.997406	0.727458	1.08811	1.205625	0.855539	0.956069	1.014139	0.833988	0.820413	0.703035
0.783496	0.918189	1.113437	0.735138	0.8102	0.981593	0.814317	0.722859	1.085394	0.766379
0.857809	0.768318	0.978327	0.743449	0.687208	0.812055	0.852529	0.798538	1.13207	0.900158
1.253259	0.789348	0.971039	0.817366	0.794469	0.964411	0.991259	1.037568	0.966733	1.142269
0.90766	0.775518	1.180558	0.905277	0.76915	1.03104	0.82533	0.72614	0.800825	0.892986
0.866661	0.820413	1.019943	0.859101	1.029546	0.883912	0.750101	0.865724	0.927837	0.908677
0.879134	0.780079	1.067776	0.864611	1.121606	0.823066	0.923947	1.039257	1.026831	0.827118
0.882599	0.686402	1.123585	0.792241	0.901203	0.999482	1.048343	0.927869	0.9343	0.998468
0.624512	0.707607	1.055315	1.006299	0.86794	1.070414	0.800691	0.871439	1.009458	1.092606
0.757522	0.777336	0.739178	0.859101	0.94535	0.748704	0.876954	1.030874	0.794173	1.028176
0.906434	1.00128	0.805916	0.775662	0.962069	0.691927	0.973785	0.998869	0.719816	0.906226
1.07855	0.830595	0.809886	0.787572	1.006918	0.942511	1.06037	0.930497	0.918948	0.989493
0.86778	0.831626	0.766276	0.803657	1.095731	1.039301	1.263155	0.953501	0.793231	0.909908
1.058969	0.865996	0.962453	0.863503	0.837045	0.706408	1.038293	0.866861	0.783922	1.056598
0.887263	0.764762	1.07506	1.061978	0.856652	0.681557	0.968113	1.095194	1.034963	1.10018
0.823091	0.803633	0.885991	0.859101	0.957829	0.934575	0.918886	0.865724	1.249195	0.943197
0.702859	0.97608	0.763579	1.058498	1.018085	1.004072	0.920146	0.736133	0.907781	0.871028
0.704395	0.846329	0.861728	1.010934	0.825484	0.813044	0.876954	0.80937	0.821415	1.142269
1.022273	0.740655	1.078749	0.880424	0.673839	0.776029	1.116059	0.918794	0.925279	0.995456
1.104819	0.843136	0.765375	0.796013	0.767332	0.793669	0.811361	0.902429	1.213095	0.751578
0.903991	0.918189	0.803944	1.004765	0.920129	0.886251	0.902835	0.738668	0.952924	0.77083
0.761013	0.878468	0.939007	1.060235	0.798348	0.798432	0.954249	0.714764	1.150954	0.872156
0.887263	0.696875	0.919322	0.80753	0.89997	0.890967	1.13633	0.871439	1.001785	0.986542

0.985488	0.681989	0.767179	0.918886	1.069488	0.922937	0.783779	0.857849	0.841977	0.793797
0.913847	0.711505	0.925785	1.331733	1.169245	1.001007	0.652728	0.792741	0.754543	0.725015
0.979649	0.941491	1.071403	1.087156	0.795435	0.77512	0.803575	0.706031	0.982448	0.851201
0.897942	0.996725	0.990247	0.69058	0.738383	0.938525	0.845037	0.913693	1.223107	0.998468
0.866661	0.753403	0.766276	0.741774	0.893858	1.058049	1.21581	1.224312	0.860253	0.738094
0.877986	0.769211	0.929709	1.023544	1.053418	0.99494	0.784701	0.956289	0.920207	0.935285
1.058969	0.891309	0.939007	1.014053	0.967788	0.945189	0.756112	0.9867	1.070887	0.969247
0.790944	0.960521	0.765375	0.823376	0.902439	0.999482	0.839764	1.209029	0.966733	0.951256
0.791884	0.891309	0.764476	0.861296	0.84565	0.974351	1.06917	0.86346	0.666068	0.808183
0.880286	0.918189	1.142473	1.051619	0.991448	0.779684	0.904049	0.802446	0.654976	0.813086
1.074923	0.95775	0.948508	0.881575	0.930571	0.772405	0.826345	0.918794	0.930411	0.900158
0.921388	1.109963	0.839815	0.783873	1.11147	0.880427	0.893245	0.931817	1.033324	0.922411
0.824103	1.09079	0.973939	0.91638	1.043026	0.887425	0.854694	0.729445	0.740151	0.863209
0.724067	1.159755	1.155536	1.038181	0.934552	0.736905	0.85361	0.816407	0.795117	0.93268
0.850209	1.109963	0.91804	0.851501	0.850018	0.641721	0.99574	1.089454	0.966733	0.94453
1.247848	0.959133	0.824078	0.988236	0.934552	0.904207	1.210855	1.116911	1.038259	0.939223
1.04358	0.841021	1.067776	1.179663	1.069488	1.400416	1.094802	0.72614	0.790417	1.006091
1.035261	0.920717	1.166731	1.061978	0.821356	0.935888	0.893245	0.939822	0.905338	1.177318
1.015921	0.921987	0.973939	0.970894	0.716861	0.740244	1.030091	1.248294	1.271257	0.917366
1.120576	0.698392	0.760898	1.07259	0.831752	0.906658	1.157594	0.877229	0.906558	0.845851
1.014348	1.010535	0.89439	1.123841	1.305185	1.04265	0.869033	0.749826	1.060316	0.890622
1.073121	1.056542	1.169005	0.944779	0.925318	0.892154	0.756978	0.798538	1.100402	1.113761
1.136927	0.744863	1.002504	0.805589	0.716054	0.912847	0.997243	1.245563	1.02362	1.056598
0.830227	0.749112	1.336652	1.288441	1.006918	1.444745	1.447267	1.408885	1.119922	0.814074
0.763651	0.709162	0.994803	1.014053	1.215063	1.059794	0.814317	1.021022	1.210628	0.790976
1.064222	0.859341	0.884804	0.796961	0.991448	0.790835	0.795927	0.946607	1.092833	1.092606
1.296146	1.206109	0.910432	0.822368	0.967788	0.974351	0.921409	0.970505	0.764117	1.072433
0.889613	0.899683	0.965296	0.995671	0.903679	1.179887	1.238838	1.003522	0.846208	0.970662
0.797567	0.660576	0.972487	1.090875	0.74782	0.802281	0.874676	0.966191	1.028445	0.849053
1.058969	0.841021	0.836622	0.89564	0.985411	0.761711	0.929067	1.259394	1.038259	1.072433
1.038569	1.198832	1.02319	0.841922	1.164692	1.213428	1.487269	1.078199	1.309683	1.087011
0.817066	1.164174	1.473515	0.912647	1.395294	1.150902	0.963907	0.895078	0.94752	0.939223
0.788136	0.964709	1.113437	0.806558	0.999114	0.820035	0.775563	0.912427	0.811489	0.96643
0.923932	0.995218	0.945773	1.113883	1.019704	0.757332	0.874676	1.253809	1.121924	1.328624
1.100968	0.948192	0.831351	0.958328	0.871385	0.793669	0.901625	0.982223	0.998754	1.096376
0.978201	1.113901	0.874268	0.863503	0.918841	0.88508	0.998753	0.799511	0.920207	0.941869
0.900351	1.037883	0.981276	0.915132	0.927937	0.935888	0.944801	0.860084	0.865778	0.862104
1.073121	0.827515	1.31698	1.144471	0.794469	0.911602	1.153257	0.967624	0.929122	0.986542
1.060713	0.973209	1.153332	0.947455	0.807207	0.895735	1.096692	0.949352	1.159617	1.109838
0.846992	0.938839	0.874268	0.946115	0.880706	1.010268	0.956986	0.860084	1.328635	1.063565
1.284289	0.98628	0.907925	1.11983	0.979457	0.900556	0.840814	0.998869	1.134128	1.003026
1.176134	0.954998	1.113437	0.858007	0.738383	1.039301	0.975214	1.102966	1.184374	0.94453
1.242504	0.776426	0.911691	0.809479	0.84565	1.05631	1.007919	1.070854	1.07627	1.096376
1.176134	0.73815	1.251629	1.089011	1.103529	0.930661	0.756978	1.08567	0.899289	0.835344
1.281375	0.844198	1.283076	1.309548	0.855539	0.987474	0.852529	0.833988	1.011009	0.856618
0.973887	0.842077	1.232742	1.026754	0.782094	1.494119	1.1322	0.935801	1.223107	0.876699
0.825118	0.961912	1.482807	1.205625	1.308326	1.113718	1.322626	0.994266	0.942184	0.866543

0.903991	0.755998	1.036428	1.362031	1.159672	1.068626	1.114083	1.129231	0.926556	1.085161
0.921388	0.835776	1.173589	1.046531	1.046463	1.304549	0.942138	1.106905	1.406192	1.641582
1.176134	0.900892	1.038111	0.876986	0.864523	1.039301	0.988297	1.097124	1.140362	0.998468
0.946173	0.905764	0.8324	0.833582	0.886635	0.96022	1.144711	0.982223	0.811489	1.081487
0.790006	0.784689	0.882441	0.927774	1.140467	0.774214	1.001787	1.081918	0.92147	0.986542
1.211748	0.82142	1.417527	0.815381	0.982424	0.856786	0.950174	1.251043	1.315909	1.203169
1.27848	0.942823	1.053563	0.769381	0.931894	0.879272	1.236218	1.381978	1.150954	0.970662
1.20928	1.231284	1.125644	1.161711	1.155726	1.389072	1.430606	1.060064	0.94752	1.383689
0.938193	1.10606	1.234869	1.798826	1.308326	1.231224	1.557894	0.98371	1.070887	1.152921
0.965386	1.632241	1.548597	1.238454	1.131983	0.84171	1.063869	1.000415	1.238571	0.852279
1.162668	0.928391	0.91804	1.074384	1.358393	0.933267	1.574647	0.998869	0.865778	0.759351
1.408722	0.841021	0.874268	1.085308	1.099612	0.946534	1.122042	1.005084	1.009458	1.406282
1.327288	1.10606	1.202159	1.121831	0.893858	1.024542	0.922676	1.032537	1.45087	1.585555
2.294108	1.448731	1.468942	0.972313	0.740937	0.96022	1.310062	1.429179	1.654511	0.916114
1.317708	1.098358	0.971039	1.621339	1.121606	1.444745	1.220106	1.035884	1.417928	1.020159
1.696255	0.749967	0.874268	0.972313	1.086175	1.66699	1.130149	0.974862	1.712972	1.591435
1.14322	0.861548	0.939007	0.798864	0.874857	1.589416	0.925222	1.027565	1.883159	1.721615
1.353915	1.072429	1.554096	1.225532	0.916277	1.223508	1.038293	1.127153	1.442397	1.144378
1.108705	0.944159	1.286051	1.286426	1.286801	1.503732	1.222165	1.226912	2.295455	0.960851
1.036912	0.755998	1.292063	1.289432	1.457288	1.343075	1.220823	1.194266	1.210589	1.049741
1.163748	1.25253	1.522101	1.241085	1.540253	1.560781	1.1322	1.191853	1.621604	1.303506
3.054674	0.948192	1.036428	0.994174	0.87602	1.295429	1.59804	1.531819	0.988307	1.19359
0.989919	0.937519	1.30124	1.138178	1.055175	1.268451	1.241473	1.01298	1.006372	1.01073
0.864431	1.283552	1.831016	1.682455	1.480089	1.319077	1.369702	1.454854	1.348451	1.148629
1.232008	1.543977	1.487529	1.087156	1.376452	0.977233	1.42251	2.257487	1.849752	1.634988
1.601647	1.249817	1.320197	0.873576	0.996032	1.109776	1.274415	1.547902	1.446613	1.746269
1.060713	1.031291	1.37156	0.899229	0.90617	1.113718	1.014139	1.240152	0.958395	1.079661
1.15827	1.175422	1.219736	1.789397	1.155726	1.05631	0.98098	2.317402	1.220582	1.655079
1.918004	1.33633	1.214641	1.490986	1.183199	1.077642	1.236218	2.230369	1.860605	1.49141
1.660055	1.479746	1.153332	1.023544	1.439872	1.475509	1.355723	0.939822	1.627989	1.402434
0.852367	1.360075	1.099616	1.029988	1.529629	1.10393	1.402905	1.053017	1.127983	1.295858
1.030345	1.177707	1.728861	1.61505	0.82033	0.880427	1.990487	1.265444	1.125954	1.305871
1.137081	0.861548	1.121537	1.334997	0.821356	1.148751	1.108208	1.511262	1.753958	1.315884
1.404845	1.096454	1.010344	1.562208	1.302067	1.626473	1.669739	0.956289	1.370047	1.634988
1.110661	2.356464	1.099616	1.256037	1.386523	1.153064	1.260192	1.367319	1.372774	1.37141
1.19715	1.847356	1.304837	1.481702	1.210006	1.470978	1.313756	1.374819	1.987305	1.249098
1.368331	1.127972	1.763292	0.989713	1.140467	1.244396	1.376865	1.542475	1.540862	0.895363
1.389674	1.083352	1.238055	1.312857	1.278627	2.146098	1.02364	1.008225	1.675523	1.809903
1.340397	1.571452	1.80069	1.860153	1.387659	1.191571	1.536517	0.920079	1.291127	1.432578
1.211748	1.666155	2.388913	0.994174	1.399163	1.247079	1.256907	1.790176	1.011472	1.574028
1.494558	1.060023	1.258696	1.545932	1.286389	1.266734	2.219514	1.102866	1.057169	1.068593
1.285517	1.457369	1.358032	1.325699	1.195179	2.815389	0.948825	1.728054	1.080018	1.176387
1.313009	2.904004	1.293366	1.530245	1.556693	1.10941	1.02364	1.744915	1.272757	1.451028
1.06954	1.228699	1.019943	0.902848	1.919047	1.22457	1.282151	1.645468	0.92147	1.094487
1.237224	1.40407	1.994315	1.526102	1.432916	1.339731	1.253361	1.840709	1.028445	1.098274
1.162668	2.186876	1.335213	1.771131	1.71699	1.113718	1.000267	1.382278	1.70522	1.790751
1.07855	1.266357	1.018328	0.96807	1.529629	1.385355	1.511196	1.415277	2.395969	1.473159

1.416581	1.060023	0.909176	1.383471	2.00403	1.520412	1.448275	1.095194	0.942184	1.241098
1.261505	1.191676	2.797577	1.396496	1.062272	1.817786	1.791665	1.229528	1.155828	1.232047
1.633122	1.335512	1.40952	1.808464	1.233242	0.991939	2.219514	1.216463	1.222996	1.557292
1.537895	1.175422	0.919322	1.712647	1.545664	1.166268	1.203398	2.058858	1.146686	1.609568
2.032501	1.046265	1.61968	1.39086	1.26344	1.240527	1.547074	0.857849	1.205735	1.17621
1.408722	1.625764	1.50527	1.647446	1.217614	1.918822	1.058632	1.659362	1.139982	1.074229
1.224299	1.632241	0.988739	1.098409	1.091883	0.945189	1.091046	1.349666	1.500677	0.887099
1.401002	0.903321	1.041498	1.06669	1.018085	1.29243	1.121076	0.98371	1.661403	1.10018
1.416581	0.941491	1.29816	1.520092	1.274823	1.462057	1.151105	1.051273	2.050541	1.320836
1.030345	1.208562	1.875055	1.257216	1.067673	1.444745	1.062116	1.279528	1.098497	0.953976
1.239856	0.865996	0.784702	1.241085	0.918841	1.065072	1.102412	1.070854	0.985368	0.811118
0.961197	0.734006	0.843033	1.309548	1.073141	0.88508	1.081797	0.781374	1.148815	0.935285
0.883761	0.799778	0.89804	0.880424	1.252214	0.926782	0.710206	0.869144	1.282722	0.941869
1.038569	1.50334	1.109443	0.787572	0.912459	0.787086	0.944801	0.966191	0.94086	0.960851
1.048649	0.87049	0.959628	0.939475	0.660159	0.997963	0.852529	0.903666	0.744335	0.755879
0.921388	0.760358	1.320197	1.085308	0.826523	1.155237	0.730103	0.761278	0.843031	0.863209
0.915095	0.845262	1.004061	1.060235	1.115496	0.899346	0.710206	0.947977	1.087242	0.82916
0.903991	0.785617	0.865112	0.698831	0.973583	0.839599	0.786552	0.769387	0.994246	0.873287
0.899145	0.82142	0.801981	0.65357	0.800301	0.809099	1.044967	0.974862	0.754543	0.815063
0.812109	0.613119	0.865112	0.767604	0.742647	1.054579	0.929067	0.843591	0.711161	0.710758
0.745517	0.776426	0.987236	0.892081	0.909933	0.888603	0.764846	0.960505	0.992753	0.666356
0.978201	0.841021	0.811886	0.795067	0.883068	0.735246	0.72605	0.654225	0.782083	0.847983
0.813096	0.842077	0.697206	0.659063	0.669472	0.808119	0.780108	0.730276	0.721408	0.713886
0.801397	0.710723	0.722551	0.670261	0.746089	0.772405	0.744173	0.873745	0.822421	0.651828
0.709814	0.624506	0.787534	0.772959	0.856652	0.710301	0.633401	0.72614	0.781167	0.713102
0.641481	0.665479	0.621822	0.771167	0.808202	0.739407	0.768389	0.632456	0.627141	0.755879
0.770763	0.613119	0.668912	0.660447	0.645525	0.778767	0.654093	0.783248	0.600983	0.653874
0.761891	0.484847	0.630972	0.645459	0.658038	0.740244	0.531086	0.623264	0.68988	0.579892
0.541985	0.614997	0.729126	0.693562	0.635365	0.651855	0.62437	0.670575	0.683986	0.6962
0.588301	0.630964	0.582875	0.685411	0.678989	0.603397	0.504614	0.592545	0.582059	0.68873
0.627724	0.699153	0.589428	0.623905	0.579534	0.559254	0.598352	0.568412	0.535465	0.46374
0.672514	0.570342	0.517153	0.517611	0.516623	0.545127	0.516402	0.484817	0.505346	0.479921
0.523337	0.477932	0.602839	0.589024	0.454119	0.443576	0.534706	0.544464	0.55568	0.521206
0.528437	0.469776	0.499231	0.611964	0.498665	0.539286	0.641294	0.59013	0.786694	0.581625
0.592442	0.627723	0.843033	1.009384	1.071311	2.16797	0.269643	0.134821	0.067411	0.033705
0.132792	0.066396	0.033198	0.016599	0.008299	0	0	0	0	0
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100	101	102	103	104	105	106	107	108	109
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2.319643	0.462749	0.231375	0.459088	1.472107	1.243538	0.488532	0.244266	0	0
1.78023	0.925499	1.201651	0.940957	0.686802	0.977063	1.571834	1.146923	1.131278	0.839087
0.83143	0.900115	1.081071	0.805316	0.699828	0.730209	0.827243	0.971994	0.898847	0.839077
0.658297	0.721679	0.831271	0.793628	0.817995	0.843268	0.746901	1.062193	1.108715	0.776808
0.732083	0.744331	0.713863	0.722837	0.821069	0.699007	0.614185	0.781878	1.07415	0.820061
0.757084	0.735803	0.773054	0.620713	0.689832	0.635889	0.702356	0.795224	0.828441	0.793985
0.67267	0.876133	0.643505	0.599305	0.60829	0.78778	0.798459	0.820128	0.672475	0.845605
0.617831	0.476061	0.314323	0.306925	0.566286	1.25173	0.913209	0.838986	0.771535	0.900451
0.362387	0.126798	0.160345	0.514718	0.777097	1.326763	1.105095	1.067597	0.8737	0.852233
0.24252	0.327325	0.543851	0.720394	0.960536	1.097844	1.254583	1.049839	0.815022	0.914354
0.797024	0.690154	1.028155	1.035552	1.039626	0.826382	0.768764	0.872358	0.795155	0.877439
1.140538	1.077268	1.437724	1.112431	0.896091	0.743689	0.812117	1.195202	0.910086	1.08906
0.902184	1.143202	1.037906	1.007931	1.062322	0.863084	0.923333	0.977851	0.745655	0.646097
0.800933	0.976769	0.785742	0.79459	0.834648	0.903176	0.863616	0.797165	0.670285	0.728175
0.75443	0.88319	0.725713	0.873601	0.824166	0.679385	0.706222	0.733929	0.666658	0.767551
0.792187	1.145365	0.857584	0.953273	0.921252	0.68984	0.738454	0.818082	0.92554	0.94771
0.858589	1.082865	1.041206	0.79846	0.894871	0.762039	0.870364	0.880528	0.955383	0.909247
0.93167	1.020036	1.20647	0.902256	0.94796	0.91954	0.887705	0.739003	0.71878	1.106696
0.726258	0.782098	0.975263	1.2643	0.833588	0.791585	0.860281	0.825284	0.744789	0.932716
0.707651	0.759224	0.730546	0.832827	0.719723	0.53932	0.736785	0.828408	0.844457	0.752253
0.919892	0.769141	0.814247	1.030548	0.766993	0.726904	0.77418	0.682459	0.689647	0.758487
0.922482	0.901349	0.789436	0.945023	1.185877	0.835799	0.740131	0.831554	0.741344	0.808837
1.171667	0.965159	0.879847	0.829683	0.966244	1.033268	0.685003	0.802055	0.825307	0.87862
0.868797	0.802289	0.825186	0.807296	0.78083	1.178357	0.897245	0.901035	1.129178	0.901697

0.677814	0.744331	0.752982	0.912244	0.830425	1.313852	1.101221	1.053333	0.975501	0.845605
0.976338	0.976769	0.962643	1.030548	1.011632	0.876816	0.671173	0.737305	0.78177	0.74698
1.158052	1.073576	0.939762	0.742035	0.856404	0.770148	0.733464	0.75902	0.745655	0.752253
0.746564	0.753909	0.85542	0.647329	0.810906	0.894614	0.938976	0.857581	0.760638	0.685958
0.733762	0.917727	1.015485	1.049185	0.815958	1.084512	0.896041	0.84329	0.724518	0.823173
1.188111	1.107989	0.693314	1.027244	1.091988	0.75233	0.802317	1.101514	0.71878	0.791075
1.022847	0.821402	0.651532	0.622654	1.086269	0.893405	0.831368	0.818082	0.92554	0.876261
0.702925	0.870339	0.790365	0.764811	1.144987	0.91954	0.850428	0.7617	0.883109	0.919521
0.799953	0.838177	0.778447	0.800408	0.744005	0.655693	0.754645	0.661327	0.632635	0.870418
0.917318	0.828662	0.75128	0.886501	0.725461	0.646703	0.931084	0.7885	0.760638	0.901697
0.783613	0.871492	0.683029	0.782245	0.921252	0.834743	0.803287	0.867757	1.033644	0.635157
0.664706	0.764605	0.689613	0.954663	1.113627	0.901943	0.697001	0.650093	0.783657	0.687479
0.732083	0.872647	0.870805	0.921175	0.774318	0.713928	0.811127	0.714208	0.869071	0.935404
0.95343	0.765508	0.851122	0.7739	0.628934	0.624036	0.839736	0.779071	0.717966	0.882184
0.900947	0.665047	0.65971	0.720394	0.671961	0.740279	0.823158	0.769842	0.778955	0.571226
0.714837	0.651623	0.743701	0.9631	0.79319	0.843268	0.859176	0.663466	0.673208	0.706156
0.811868	0.79837	0.720143	0.714748	0.612723	0.69978	0.618606	0.567644	0.686611	0.835849
0.782671	0.863487	0.799761	0.628528	0.669778	0.91954	0.700053	0.594848	0.630636	0.692844
0.689049	0.736649	0.736252	0.695926	0.897315	0.775639	0.838681	0.768019	0.685856	0.614713
0.741398	0.609238	0.82418	0.7898	0.768812	0.714728	0.653622	0.589389	0.579873	0.724841
0.821024	0.560354	0.698548	0.725294	0.611452	0.625989	0.676217	0.595458	0.710711	0.732377
0.636247	0.638603	0.678695	0.537024	0.536984	0.687579	0.746901	0.597296	0.627985	0.676201
0.65059	0.564319	0.782079	0.71235	0.652697	0.588503	0.660558	0.705459	0.518221	0.608318
0.702925	0.687124	0.798812	0.779445	0.791265	0.660612	0.600578	0.67579	0.619479	0.692844
0.690569	0.667926	0.598227	0.623302	0.758007	0.847594	0.616074	0.75902	0.880738	0.953292
0.597083	0.711979	0.654241	0.524951	0.607032	0.588503	0.596939	0.695343	0.671744	0.681428
0.611438	0.717611	0.785742	0.643912	0.682296	0.614399	0.686485	0.725603	0.652448	0.660173
0.704495	0.728269	0.717777	0.609877	0.735478	0.673522	0.645443	1.022856	0.779891	0.817999
0.853019	0.925499	0.688141	0.701332	1.01004	0.820215	0.701587	0.818082	0.699661	0.74873
0.854128	0.929438	0.860852	0.953273	0.907234	0.943267	0.835532	0.659907	0.660918	0.896736
0.664706	0.999411	1.004694	1.009508	0.86315	0.68309	0.650879	0.703888	0.705151	0.711758
0.741398	0.864621	0.903313	0.638499	0.791265	0.670619	0.797499	0.737305	0.736228	0.667385
0.848615	0.628592	0.696297	0.620068	0.806906	0.861959	0.994095	0.659907	0.633303	0.73407
0.848615	0.690154	1.039553	0.767518	0.667605	0.853063	0.746049	0.665615	0.774303	0.823173
1.019587	0.985685	0.813266	0.859953	0.649222	0.771971	0.732638	0.774432	0.810976	0.899209
0.90717	0.81935	0.636927	0.896128	0.692118	0.958431	0.976378	0.899801	0.747391	0.746107
1.064011	0.721679	0.822175	1.063259	0.766086	1.00115	0.903316	0.662752	0.863353	0.759385
0.89117	0.906323	0.939762	0.737789	0.903488	1.09208	0.691711	0.784704	0.951191	0.924751
0.772438	0.841396	0.869687	0.66842	0.718098	0.79063	0.700819	0.803039	0.733692	1.090985
0.722145	0.742612	0.885596	0.743746	0.593427	0.820215	0.813109	0.879352	0.663779	0.736621
0.70686	0.813252	0.994165	0.772067	0.70847	0.827418	0.786149	0.713405	0.793218	0.570062
0.905919	0.833923	0.836407	0.831776	0.939773	0.843268	0.746049	0.844373	0.862219	0.703777
0.860837	0.873806	0.916781	0.709965	1.060533	0.771971	0.740131	0.781878	0.691937	0.855585
0.739689	0.708	0.843703	0.830728	1.197953	0.811126	1.006321	0.774432	0.673208	0.754914
0.787403	0.81935	0.95038	0.722837	0.84539	0.904414	0.869232	0.718243	0.705941	0.653782
0.957634	0.953852	0.92812	0.870149	0.700606	0.712333	0.742657	0.768019	0.747391	0.810857
0.886363	0.902588	0.782992	0.910983	0.789349	0.853063	0.817101	0.864339	0.982918	0.883378

0.696703	0.855627	0.818193	0.854391	0.930414	0.786834	0.792734	0.676526	0.886691	0.889399
0.803888	1.048577	0.823176	0.874758	1.01968	0.904414	0.692463	0.719868	0.701223	0.9547
0.746564	0.767321	0.85542	0.808289	0.71406	0.700554	0.643422	0.784704	0.763337	1.070269
0.815914	0.665765	0.724114	0.783182	0.716478	0.776561	0.691711	0.943838	0.999695	0.875086
0.878077	0.760117	0.63109	0.865588	0.826242	0.941914	0.864734	0.653573	0.933478	0.932716
1.127851	1.007228	0.709983	0.869004	0.782709	0.803204	0.780584	0.666334	0.883109	0.745236
1.12994	0.982692	0.971016	0.872448	0.766993	0.871041	0.731814	0.816046	0.80997	0.802835
0.916037	0.769141	0.897327	0.806305	0.939773	0.94735	0.944318	0.946573	0.896388	0.712564
0.934331	0.734118	0.913066	1.007931	0.925155	1.033268	0.670457	0.837916	0.926853	0.722358
1.275314	0.906323	0.780259	1.161118	0.937079	0.952855	0.701587	0.756356	0.934815	0.967572
0.780792	0.874968	0.914301	0.83388	0.750075	0.966931	0.800384	0.787548	1.159548	0.835849
0.7483	0.700929	0.852193	0.74289	0.709264	0.741981	0.784286	0.764397	0.937502	0.810857
0.919892	0.797395	0.735432	0.800408	0.913549	0.702884	0.623714	0.815031	0.72123	0.829465
0.813886	0.932083	0.946368	0.837055	0.88285	0.796388	0.681321	0.751077	0.699661	0.826308
1.00521	0.985685	0.769496	0.708383	0.721355	0.868753	0.835532	0.919969	0.747391	0.699841
0.786452	0.842474	0.696297	0.70367	0.628934	0.887407	0.872636	0.757242	0.891512	0.744367
0.773359	0.890363	0.843703	1.02071	0.702951	0.67498	0.723653	0.653573	0.693471	0.847803
0.744835	1.300007	0.969609	0.934262	0.73972	0.680863	0.745198	0.806006	0.880738	0.848906
0.700581	0.771885	0.763339	0.756792	0.907234	0.922113	1.04521	1.095674	0.971111	0.758487
0.876906	0.949686	0.817203	0.785063	0.976418	0.883848	1.004774	0.828408	0.645513	0.710953
0.90467	1.332125	1.291879	1.025602	0.778027	0.931241	1.001696	0.833665	0.92554	0.960374
0.977811	1.772325	0.903313	1.137151	0.980853	0.825348	1.001696	1.086112	1.13764	1.225571
1.246993	0.876133	0.680857	1.165621	1.190667	0.903176	1.35273	0.96193	0.879557	1.112737
1.153607	0.901349	0.914301	1.044022	1.261112	1.295178	1.046908	0.834724	0.795155	0.974892
0.919892	1.181525	0.995654	0.763913	0.777097	1.588479	0.962147	0.734771	0.872538	1.106696
1.220406	1.050315	0.75813	0.800408	0.831477	1.039987	1.007874	1.146923	1.028629	0.982338
1.064011	0.802289	0.857584	1.411703	1.095843	0.83792	1.055502	1.101514	1.219702	0.935404
1.097665	0.812244	1.046203	1.355649	1.105633	0.933885	0.995605	0.815031	1.031966	1.024909
1.103537	1.428802	1.24179	0.862198	0.983834	1.16236	0.79942	0.916116	1.246309	0.985352
1.138397	1.102061	1.026551	0.875918	0.779894	1.055495	0.989598	1.026138	1.025317	0.932716
0.799953	0.756559	1.107259	0.888888	0.893654	1.4689	0.957967	0.776281	0.910086	0.882184
0.784557	0.800325	1.000151	1.027244	0.935737	1.034938	0.783358	0.707037	0.872538	0.755804
0.84534	0.912621	0.850054	0.835994	0.949339	0.747125	0.685003	0.855351	0.853247	0.737475
0.989775	1.126275	0.813266	0.748917	1.032875	0.819196	0.787084	0.866615	0.949802	0.876261
0.910948	0.779289	0.737897	0.680101	1.13428	1.041683	0.96355	0.874677	0.662346	0.848906
0.757973	0.863487	0.937148	0.77574	0.977891	1.149102	0.825196	0.925161	0.767873	0.942197
0.856352	0.858978	0.889082	1.033878	0.776168	0.900713	0.828271	1.185583	0.802994	0.907979
1.097665	0.959469	0.787585	0.914777	0.799994	0.990447	0.793683	0.894902	0.802006	0.851121
1.32486	1.102061	0.962643	0.853287	0.856404	0.808138	0.916978	0.822183	0.739632	0.980838
0.735447	1.165333	1.158354	0.834936	0.945214	0.557326	0.873777	0.795224	0.755291	0.958948
0.70607	0.976769	0.975263	0.901024	0.762476	0.6944	0.937651	1.109425	0.804975	0.936754
1.022847	1.020036	0.770383	0.869004	0.761579	0.744545	0.872636	0.855351	0.807965	0.700625
1.074942	1.066285	0.686674	0.77574	0.797065	0.789678	0.924616	0.649401	0.833714	0.672506
1.000522	1.303114	0.861947	1.102533	0.913549	1.057253	1.001696	0.729746	0.759743	0.805826
0.753549	1.043402	0.925574	0.92898	0.914824	0.889796	1.212741	0.88646	0.919034	1.007059
0.846429	0.715189	0.959888	0.921175	0.799994	0.937881	1.210255	1.021223	0.963891	0.877439
0.896031	0.751276	0.803577	0.839184	1.164951	1.060791	0.833445	0.90851	0.90132	0.72071

1.044659	0.820375	0.776642	0.897347	0.949339	0.859718	0.731814	0.606601	0.665936	0.79888
1.021214	1.084747	1.00622	0.891288	0.71406	0.886217	0.726899	0.660616	0.81604	0.958948
0.721327	0.785872	1.070314	0.680101	0.734634	0.99196	0.836579	0.917397	0.962462	0.773081
0.78931	0.644038	0.709983	0.761229	1.073211	0.905654	0.688717	0.96193	1.035329	0.730691
0.843171	0.658637	0.964028	1.03892	1.029538	0.8886	0.609188	0.663466	0.836909	0.891831
0.865368	0.745193	0.924307	0.79459	0.654796	0.836858	0.838681	0.78565	0.880738	1.052258
0.917318	1.016799	0.951725	0.610507	0.700606	0.952855	0.852599	0.820128	0.861087	0.843418
0.808859	0.88319	1.036266	0.837055	0.866562	0.727728	0.831368	0.938419	0.698106	0.764812
0.808859	0.802289	1.004694	0.83388	0.854179	0.669176	0.732638	0.753708	0.704363	0.863509
0.817951	0.955249	0.955788	0.973154	0.927776	0.773801	0.656383	0.988295	0.915177	1.046997
0.903425	1.031562	0.75213	0.943664	1.20288	0.838984	0.803287	1.011558	0.818082	0.842329
0.982259	1.186264	0.854341	0.830728	0.846479	0.811126	0.951089	0.803039	0.640044	0.907979
0.69825	1.069915	0.964028	0.951887	0.772475	0.704445	0.751186	0.823214	0.691937	0.826308
0.825157	0.959469	1.044531	0.843475	0.921252	0.761148	0.796542	0.881708	0.861087	0.973418
1.220406	0.828662	0.807426	0.878248	1.618567	0.982961	0.832405	1.031109	0.867922	1.021609
0.97487	0.805251	0.784823	0.908471	1.091988	1.138355	1.087927	0.789454	0.711511	1.131383
0.837795	1.205755	1.018618	1.007931	0.84539	0.980002	1.16554	0.675055	0.717966	1.045258
1.111491	1.381498	0.908162	1.01109	0.950723	0.706796	0.945664	0.779071	1.004385	0.99298
1.147023	0.95107	0.764213	0.93961	0.927776	0.762933	0.962147	0.881708	0.995055	1.050498
1.249744	0.734118	0.838479	1.027244	0.980853	0.906898	0.885353	0.747593	0.959616	1.073963
1.065814	0.810234	0.769496	0.761229	0.864284	1.166871	0.826218	0.830503	0.794186	1.015082
1.002079	0.925499	0.880991	0.756792	0.760683	0.778411	0.807189	0.939768	0.959616	0.773081
0.830378	0.758334	0.760726	0.905975	0.789349	0.892198	0.941639	0.974912	1.155077	0.755804
0.77152	0.724962	0.688141	0.904732	0.903488	0.928614	0.782431	0.650093	0.829491	0.793985
0.837795	0.928121	0.865247	0.77574	1.064118	0.972692	0.698524	0.817063	0.963891	0.875086
0.954827	1.104028	1.010828	0.77574	0.916102	0.952855	0.919509	0.964782	0.737926	0.793013
0.739689	0.76823	0.913066	0.748917	0.859764	0.918259	0.941639	0.821154	0.60671	0.764812
0.615903	0.670825	0.939762	0.874758	0.913549	0.935213	0.820119	0.78565	0.648966	0.707749
0.728745	0.669373	0.691089	0.643912	0.9344	0.897043	0.759886	0.872358	0.660206	0.749608
0.873413	0.810234	0.584126	0.734422	0.826242	0.73104	0.807189	0.898571	0.833714	0.845605
0.763341	0.829709	0.773948	0.817329	0.838913	0.822261	0.898453	0.879352	0.784604	1.007059
0.619121	1.021664	0.893774	0.814294	0.954901	0.811126	0.803287	0.852028	0.799057	0.868103
0.714033	0.871492	0.876434	0.783182	0.785542	0.644655	0.858072	0.916116	0.729498	0.88698
0.88517	0.705631	0.795978	0.971703	0.799994	0.670619	0.880685	0.906004	0.760638	0.858964
0.757084	0.831811	0.736252	0.759448	0.791265	0.893405	0.916978	0.770756	0.853247	0.695164
0.779856	1.010395	0.760726	0.816315	0.960536	0.858602	0.762531	0.763496	0.784604	0.854465
0.926396	1.250329	0.89025	0.882945	0.811912	0.753204	0.759886	0.738153	0.845546	0.94083
0.787403	0.769141	0.85542	1.012679	0.635592	0.689085	0.822142	0.746726	0.73117	0.931379
0.902184	0.686369	0.697046	0.885312	0.730441	0.753204	0.891258	1.032779	0.786503	0.714992
0.838865	0.670825	0.701568	0.916049	0.857521	0.906898	0.727714	0.735614	0.754406	0.772155
0.77152	1.016799	0.818193	0.82864	0.782709	0.886217	0.813109	0.648019	0.73117	0.806827
0.929025	0.820375	0.783907	0.690587	0.726287	0.789678	1.060741	0.878178	0.73117	0.733223
0.825157	0.683365	0.757268	0.74289	0.943847	0.904414	0.778744	0.867757	0.713921	0.654488
0.67267	0.711979	0.861947	0.947756	0.908489	1.026652	0.680588	0.809994	0.800038	0.679928
0.776131	0.893994	0.968207	1.063259	0.706096	0.771971	0.759008	0.79233	0.786503	0.82841
0.794115	1.062685	0.900908	0.690587	0.707677	0.78307	0.812117	1.016364	0.926853	0.854465
0.644385	0.94556	0.85976	0.722837	0.713257	0.830542	0.910715	1.032779	0.832655	0.775873

0.636247	0.731601	0.975263	0.822434	0.912279	0.831589	0.850428	1.117482	0.747391	0.772155
0.82412	0.770053	0.886755	0.851087	1.021307	1.084512	0.843981	1.046373	0.85771	0.935404
1.255297	1.010395	0.700056	0.776664	1.075052	0.98894	0.956583	1.337843	0.984417	0.91564
1.552432	1.104028	0.724913	0.973154	1.178789	1.202284	0.898453	1.136178	0.779891	0.889399
0.763341	0.984186	1.039553	1.270019	0.989859	0.900713	1.058987	0.747593	0.953981	1.054026
0.838865	1.126275	1.07926	1.028893	0.983834	0.784008	0.858072	0.865475	1.004385	1.000745
0.923783	0.851198	0.653562	0.832827	1.062322	0.792541	1.097381	1.369352	1.271733	0.958948
1.002079	0.784925	0.617146	0.837055	1.024581	0.893405	0.962147	0.974912	0.893943	0.963239
0.881609	0.876133	0.842653	0.908471	0.772475	1.078922	0.824176	0.686963	0.735381	1.031587
1.065814	1.102061	1.236565	1.042315	0.774318	0.887407	0.829301	0.662752	0.846638	0.750488
1.019587	1.163069	0.878706	0.801385	0.778959	1.041683	1.004774	0.927781	0.971111	0.761186
0.97487	0.777426	0.924307	0.910983	0.950723	1.090176	0.977827	0.795224	0.83798	0.822133
0.995884	1.015189	1.026551	0.837055	0.857521	1.053745	0.788021	0.808994	0.902561	0.806827
1.000522	1.073576	0.992682	0.849991	0.864284	1.00896	0.842916	0.867757	0.968209	1.036663
1.055108	0.897656	0.885596	0.806305	0.849762	1.160122	1.009432	0.94112	0.911353	1.002315
0.80786	0.805251	1.223771	0.861074	0.885228	1.57667	1.381172	1.002102	0.827394	0.839077
0.79315	0.857858	1.068546	1.15006	1.10169	1.028296	0.897245	0.763496	0.737926	0.821096
0.77706	1.064482	0.900908	0.723654	0.930414	0.742834	0.766974	0.860947	0.798078	0.702198
0.816931	0.838177	0.803577	0.823462	1.016443	0.916982	0.877217	0.831554	0.784604	0.861231
0.669032	0.790636	0.937148	0.834936	0.810906	0.99196	0.964956	0.859822	0.811984	0.751369
0.834601	0.968033	1.026551	0.957457	0.898543	0.770148	0.782431	0.750203	0.722049	1.070269
1.088052	1.261517	0.840561	0.902256	0.898543	0.763828	0.749467	0.78094	0.870224	1.015082
0.84209	0.791596	0.765967	0.7898	0.771556	0.775639	0.827243	0.672129	0.799057	0.890613
0.622362	0.856741	0.763339	0.760338	0.834648	1.067953	0.873777	0.69843	0.749134	0.729012
0.699803	0.908831	0.858671	0.743746	0.839986	0.903176	0.941639	0.865475	0.887891	0.919521
0.897255	0.820375	0.790365	1.049185	0.668328	0.823288	0.96355	1.123625	1.148456	1.187817
1.006784	0.804261	0.795037	0.807296	0.650609	0.776561	0.794634	0.939768	0.963891	0.809846
0.813886	0.900115	0.827205	1.052661	0.92385	1.055495	0.91196	0.810997	0.713921	0.713372
0.849712	0.985685	0.805497	0.950506	1.056978	1.064357	0.947014	0.767111	0.682846	0.899209
0.855239	0.996323	1.097724	0.79171	0.790306	1.16461	1.055502	0.826323	0.739632	0.877439
0.747431	0.745193	0.899711	0.754151	0.865422	0.932561	1.381172	0.966215	0.709115	0.868103
0.889964	0.732438	0.924307	0.763016	0.954901	0.848682	0.829301	0.956283	0.839053	0.988387
0.935668	0.911354	1.059816	0.921175	0.784596	0.883848	0.728531	0.797165	0.80597	0.953292
0.902184	1.043402	1.141341	0.768424	0.849762	1.194966	0.776	0.787548	0.887891	1.075822
0.770604	0.775571	0.846867	0.6677	0.844304	1.109605	1.188499	0.960511	0.903806	0.880993
0.959045	0.79352	0.796921	1.143557	0.916102	0.681605	0.985146	1.027789	0.69424	0.820061
0.832484	0.985685	1.211343	1.293679	1.000609	0.648074	0.757258	0.853133	0.862219	1.008651
0.844254	0.975301	1.180603	1.012679	1.069551	0.809132	0.718829	0.899801	1.031966	1.062975
0.973407	0.926808	0.757268	0.867863	1.247175	0.96266	0.764303	0.852028	0.748262	0.888188
0.77152	0.934746	0.844755	0.938267	0.805912	0.858602	1.036816	0.704673	0.766962	1.01025
0.67267	0.858978	0.809364	0.909725	0.761579	0.745403	0.945664	0.782818	0.803983	0.776808
0.819997	0.940119	0.875302	0.803346	0.83571	0.726904	1.000165	0.879352	0.996596	0.833711
1.032778	0.885568	0.700811	0.825525	0.837843	0.894614	1.018901	0.755472	0.686611	0.851121
1.006784	0.820375	0.700056	0.79846	0.791265	1.002701	1.006321	0.651482	0.754406	0.964678
0.88756	1.096212	0.995654	0.890086	0.727115	0.739431	0.737619	0.771672	0.85659	0.935404
0.876906	0.815275	0.709211	0.815303	0.719723	0.868753	0.794634	0.888855	0.885493	0.702198
0.97195	0.614954	0.713084	0.971703	0.784596	1.012123	0.956583	0.879352	0.785553	0.673243

0.995884	0.861226	0.777543	0.956058	0.977891	0.95703	0.762531	0.738153	0.748262	0.736621
1.260923	1.359648	1.054661	0.812283	0.938424	0.943267	0.790842	0.797165	0.861087	0.88698
0.90467	0.928121	1.029765	0.777589	0.735478	0.932561	0.823158	1.125692	0.825307	0.855585
0.829329	0.737495	1.12097	0.855498	0.870001	1.248982	0.724462	0.797165	0.773378	0.801843
0.946512	0.791596	1.000151	1.278741	1.335045	0.97853	0.821129	1.019597	0.955383	0.847803
0.875739	0.919012	0.818193	0.945023	1.13217	0.874497	1.120947	1.109425	0.898847	1.057584
1.089958	0.922893	0.887917	0.730249	0.989859	0.972692	0.959356	0.808994	0.858833	1.09681
0.799953	1.273001	1.036266	0.812283	1.525962	0.928614	0.776913	0.746726	0.759743	0.872746
0.792187	1.126275	0.926845	0.987933	0.952111	0.777485	0.788959	0.933067	0.776158	0.956111
1.246993	0.890363	0.822175	0.964522	0.752703	0.796388	0.848269	0.974912	0.978453	1.013465
0.88517	0.870339	0.765967	0.916049	1.105633	1.077074	0.886527	0.683207	0.981424	0.856708
0.74917	0.753909	0.680857	0.917325	1.115648	0.836858	0.849347	0.675055	0.738778	0.72071
0.75443	0.932083	0.752982	0.790754	0.763376	0.710744	0.759886	0.694574	0.76424	0.787224
0.879251	0.847906	0.875302	0.82864	0.679318	0.80027	0.77418	0.725603	0.730333	0.834779
0.874574	0.74779	0.775742	0.792668	0.67636	0.863084	0.710907	0.676526	0.757066	0.846703
0.876906	0.987188	0.964028	0.938267	0.866562	1.045095	0.667606	0.776281	0.687368	0.843418
0.932998	0.877301	1.051258	1.293679	1.111614	0.894614	0.806211	0.760805	0.790328	0.905455
0.722145	0.777426	0.939762	0.842398	0.755347	0.895827	0.741813	0.684705	0.885493	0.86695
0.746564	0.841396	0.889082	0.78131	0.873468	0.929926	1.023714	1.046373	1.049047	0.724841
0.792187	0.736649	0.795037	0.926363	0.938424	0.926002	0.851512	1.063987	0.907564	0.762995
0.767866	0.771885	0.89025	1.030548	0.898543	0.894614	0.771463	0.933067	0.966765	0.973418
0.97487	0.874968	1.026551	0.808289	0.829375	1.117627	0.855875	1.205039	1.125007	0.973418
0.797024	1.020036	0.843703	0.747186	0.941127	0.94735	0.814103	1.091824	0.786503	0.6852
0.799953	0.929438	0.938453	0.7898	1.01968	0.769239	0.932389	0.949325	0.756177	0.815946
0.934331	0.997864	1.519189	1.085264	1.006873	0.849773	0.765191	0.799114	0.839053	0.906715
0.925087	0.982692	1.088394	1.040614	1.011632	0.728554	0.678397	0.935735	0.872538	1.043525
0.937008	1.149724	0.81523	0.919888	1.67351	0.935213	0.768764	0.914839	0.671744	0.971949
0.902184	1.116021	0.983885	0.839184	0.826242	1.075235	0.933699	0.723956	0.675413	1.038369
0.858589	1.193471	0.982436	0.841324	0.741429	0.828457	0.96075	0.70862	0.717966	0.861231
1.008364	1.079125	0.887917	0.878248	0.881667	0.844345	1.086061	0.913566	1.013921	1.052258
0.99897	0.824499	0.759859	0.993989	1.105633	0.883848	1.260108	1.166961	0.968209	0.967572
0.871099	0.801306	0.677977	0.951887	1.049954	0.996531	0.866977	0.749331	0.778021	1.0418
1.022847	1.236738	0.986798	0.814294	0.836775	0.999605	0.767868	0.760805	0.810976	1.040081
1.125772	0.970925	0.953075	0.85772	0.823131	0.871041	0.922055	1.027789	0.961037	0.87862
1.258101	0.761011	0.839519	1.504761	0.901008	0.87798	1.205325	1.384126	1.013921	0.743499
1.062216	0.814262	0.850054	1.63654	0.870001	0.788728	0.801349	0.922558	0.863353	0.788184
0.886363	0.880825	1.036266	0.961682	0.9344	1.057253	0.779663	0.815031	1.02697	0.967572
1.089958	0.807238	0.819185	0.772067	1.044759	1.00115	0.900878	0.926469	0.897616	0.949099
0.737988	0.766414	0.778447	0.705235	0.747463	0.75408	1.064269	1.014756	0.7697	0.765723
0.626284	0.781159	1.033003	0.817329	0.744005	0.826382	0.825196	0.789454	0.7697	0.790109
0.815914	0.969477	0.953075	1.156661	0.972029	0.848682	0.7899	0.91103	0.802006	0.891831
1.088052	0.968033	0.736252	0.713947	1.140672	0.95703	0.883013	0.96193	0.757066	1.102715
0.823086	0.838177	0.820179	0.797489	1.210375	1.136237	1.007874	0.78376	0.661631	1.01025
0.676338	1.021664	1.196885	1.226246	1.167227	1.013714	0.716437	0.781878	0.758849	1.031587
0.952037	0.911354	1.176061	1.007931	0.89244	0.754957	0.771463	0.985285	1.108715	1.290698
1.121643	0.81629	0.820179	0.934262	0.888819	0.788728	0.903316	1.022856	0.765146	0.976371
0.80786	0.878473	0.837442	0.803346	1.021307	1.052001	1.230553	0.794257	0.814007	0.802835

0.788355	0.81935	0.896139	0.940957	1.044759	0.944623	0.880685	0.678002	0.864491	0.926069
0.89117	0.803274	0.943713	1.065051	0.762476	0.744545	0.821129	0.661327	0.829491	1.238922
0.979288	0.752152	1.156191	1.236783	0.762476	0.8886	0.986625	0.918681	0.865631	1.087144
0.872254	0.812244	0.877569	1.079658	0.911012	1.026652	0.944318	1.144753	1.161801	0.698276
0.922482	0.746057	0.741204	1.186484	1.169515	1.090176	0.845049	0.822183	0.806966	0.691304
0.919892	0.956651	0.885596	0.722021	0.766086	0.847594	0.863616	0.750203	0.863353	0.780567
0.701361	0.89157	1.109192	0.669863	0.713257	0.81313	0.838681	0.853133	0.941563	0.504376
0.695931	0.687879	0.877569	0.938267	0.999057	0.801246	0.788021	1.180852	0.789368	0.683687
0.875739	0.690154	1.084717	1.154449	1.037929	0.830542	0.772367	0.992849	0.814007	1.007059
1.056874	0.89157	1.023361	0.97607	0.801957	1.048534	0.818104	1.056855	0.990464	1.031587
0.822054	1.2008	0.997148	0.684564	0.853071	1.393951	0.915718	0.973451	0.786503	0.841242
0.813886	0.996323	0.896139	0.9631	0.911012	0.869895	0.767868	0.817063	0.647582	0.784359
0.825157	1.005654	0.953075	1.218508	1.00373	0.812127	0.822142	0.896122	0.846638	0.768468
0.830378	0.97972	0.965416	0.728591	0.89244	0.958431	0.758132	0.751952	1.025317	1.048744
0.88756	0.907575	0.737897	0.669141	0.901008	1.039987	0.915718	0.914839	0.932144	0.989913
0.881609	0.969477	0.896139	0.872448	0.872309	0.820215	0.899664	0.769842	0.736228	1.028235
0.861965	1.412455	0.969609	1.01748	0.957709	0.843268	0.942976	0.672859	0.714727	1.100737
0.878077	1.021664	0.753836	0.733584	0.912279	0.869895	0.949726	0.819104	1.00596	0.914354
0.976338	0.700151	0.639546	0.873601	1.174127	1.026652	1.179169	0.771672	0.911353	0.843418
0.921185	0.873806	0.724913	0.932936	1.039626	1.069762	0.788959	0.823214	0.783657	0.896736
0.863096	1.27592	1.2089	1.090944	0.766086	1.043386	0.829301	0.753708	1.00596	0.932716
0.923783	1.183888	1.059816	0.899795	0.836775	0.848682	0.728531	1.005231	0.953981	0.961804
0.97195	0.81629	0.795978	1.163363	1.011632	1.153477	0.924616	1.063987	0.828441	0.814923
1.4672	0.780223	0.961264	1.29065	1.195511	1.043386	1.195631	0.800092	0.820134	0.845605
1.103537	0.988698	1.151896	1.019092	0.960536	1.025013	0.877217	0.838986	1.180257	0.814923
1.064011	1.132546	1.004694	0.946387	0.914824	1.041683	0.833445	1.125692	1.177906	0.913071
0.782671	0.786821	0.874174	0.949129	0.875795	1.16461	0.918242	0.943838	0.755291	0.895504
0.785504	0.714384	0.860852	0.989439	0.851965	0.944623	0.997119	0.816046	0.748262	0.784359
0.912215	0.889159	0.84581	0.772982	0.914824	0.736897	0.837629	0.94112	0.892726	0.79496
0.973407	1.023298	1.013927	0.699781	0.994434	0.836858	0.782431	0.973451	1.283529	0.907979
0.963304	0.834982	1.024953	0.696694	1.11972	1.01852	0.865854	1.086112	0.871379	0.994522
0.849712	0.754791	1.10342	0.824492	1.263954	1.243538	0.827243	0.926469	0.761536	0.801843
0.93167	0.770968	0.82418	0.79652	0.925155	0.8886	0.851512	1.073069	0.991989	0.939467
0.926396	1.086637	0.807426	0.750655	0.922549	0.841121	1.303954	1.190366	1.020396	0.889399
0.991294	0.95107	0.814247	0.709965	1.080624	1.101729	1.241069	0.995911	0.770617	0.957527
0.811868	1.176837	0.832293	0.801385	1.174127	0.867613	0.852599	0.863205	0.754406	0.914354
1.355433	1.278859	1.379856	1.108445	0.769725	0.791585	0.86139	0.853133	0.803983	0.99607
1.230847	1.050315	0.851122	0.987933	0.807902	0.806158	0.87837	1.091824	0.966765	0.872746
0.841012	0.984186	0.758994	0.970257	1.037929	1.028296	1.145865	0.952095	1.052546	1.269823
0.964733	1.506088	0.911835	1.154449	1.090073	0.950094	1.067826	0.75813	0.742203	1.055801
0.7483	1.005654	0.868573	0.916049	0.751825	0.73104	0.858072	0.735614	0.703576	1.205028
0.77799	0.814262	1.058091	1.12668	0.881667	0.7935	1.078674	1.103478	0.938851	1.024909
0.983752	0.824499	0.997148	1.120516	1.13007	1.078922	0.858072	0.903512	1.020396	0.800853
0.913485	0.729932	0.958517	0.981961	0.792226	1.064357	0.787084	0.806006	0.8843	0.868103
1.049852	0.868043	1.004694	0.93961	0.71891	0.931241	0.666896	0.699206	0.870224	0.801843
0.898482	0.942831	0.902109	0.736102	0.729607	0.955634	0.639408	0.707828	0.905055	0.765723
0.927708	0.999411	0.822175	0.807296	0.868852	0.871041	0.833445	0.833665	0.76424	0.570644

0.866508	0.808234	0.902109	1.141411	1.095843	0.7812	0.866977	1.058627	0.80597	0.743499
1.160292	0.942831	1.026551	0.845636	0.876963	0.910652	0.798459	0.854241	1.004385	1.104701
0.836727	1.008809	0.969609	0.65355	0.926463	0.931241	0.784286	0.894902	1.155077	1.133505
0.767866	0.97972	0.933255	0.97607	0.945214	0.812127	0.884181	0.935735	0.679114	0.72071
0.781731	0.96373	1.231402	1.077805	0.94796	0.69978	0.800384	0.901035	0.739632	0.775873
0.849712	0.821402	0.860852	0.793628	0.871154	0.648074	0.716437	0.892473	0.815022	0.868103
0.760649	0.960884	0.682304	0.793628	1.056978	0.847594	0.896041	0.963354	0.800038	0.848906
0.660423	0.969477	0.879847	0.840253	0.941127	0.903176	0.955203	0.860947	0.766962	0.823173
0.71726	0.906323	1.031381	0.981961	0.884038	0.880317	1.030216	0.874677	0.665216	0.840158
0.790267	0.901349	0.975263	0.971703	1.014833	0.914439	0.96075	0.862074	0.784604	0.931379
1.03783	0.868043	0.75813	0.981961	1.149345	0.773801	0.884181	1.034455	0.98592	0.897971
0.967605	0.893994	0.945038	0.885312	0.873468	0.849773	1.001696	0.76893	0.76424	0.966123
0.7483	1.057341	1.117009	1.085264	0.674889	1.060791	0.898453	0.598525	0.756177	0.956111
1.00995	1.156345	0.793162	0.995516	0.797065	0.91954	0.868103	0.827364	0.926853	1.003891
1.388322	0.93877	0.873048	1.315495	1.236339	1.238162	1.440109	1.095674	0.919034	1.029908
1.089958	0.966594	1.059816	1.045736	0.946584	1.075235	1.089801	0.903512	0.831597	0.901697
1.162543	0.890363	0.972427	1.177088	0.876963	0.980002	0.847193	0.729746	0.842287	1.252696
1.056874	0.965159	0.842653	0.997048	0.838913	0.847594	0.916978	0.894902	0.944292	0.931379
0.995884	0.715189	1.020193	1.380911	0.927776	1.01531	1.215241	0.716624	0.890302	0.931379
0.959045	0.709588	0.998647	1.15006	0.946584	1.109605	0.902095	0.749331	0.812994	1.349494
0.95343	0.902588	1.111133	0.766614	0.731276	0.864212	0.710907	0.800092	0.892726	0.969026
1.056874	1.059115	0.937148	0.830728	0.707677	0.798325	0.788959	0.81301	0.90132	0.702198
0.77799	0.737495	0.991203	0.9631	0.816975	0.995002	0.919509	0.988295	0.929491	0.816971
0.731246	0.850098	1.00166	0.951887	0.764277	0.854165	0.764303	0.845458	1.004385	0.807831
0.881609	0.906323	1.075659	0.830728	0.901008	0.845425	0.845049	0.84329	1.030294	0.967572
1.019587	0.839248	0.959888	0.904732	0.829375	0.875655	1.060741	1.042934	0.8737	0.870418
0.716451	0.720863	0.898517	0.901024	0.841061	1.364385	1.086061	0.994377	0.825307	1.118864
0.776131	0.73496	0.92812	0.867863	1.138531	1.149102	0.964956	0.820128	0.771535	0.880993
0.908426	1.041691	0.978118	0.800408	1.034553	0.889796	0.71485	0.807996	0.870224	0.795936
0.879251	0.838177	0.971016	0.818345	0.970575	0.928614	0.827243	0.802055	0.737926	0.815946
0.919892	0.824499	1.041206	0.708383	0.925155	1.310684	1.150161	0.902272	0.779891	1.064787
0.871099	0.885568	0.894955	0.795554	0.761579	0.996531	0.922055	0.945203	0.832655	0.977855
0.821024	0.778356	0.70461	0.954663	0.970575	0.859718	0.7899	1.187968	0.810976	0.931379
0.868797	0.849001	0.672274	0.875918	1.006873	0.786834	0.859176	1.093745	0.846638	0.856708
0.762442	0.89278	0.735432	0.827599	1.142824	0.880317	1.152325	0.890058	0.795155	0.95189
0.819997	0.902588	0.965416	0.839184	1.051699	0.933885	0.997119	1.009967	0.835842	1.068434
0.856352	0.708793	0.833318	0.893701	0.814943	0.796388	0.956583	1.084224	0.941563	1.451541
0.947887	0.782098	0.707672	0.867863	0.654796	0.699007	0.871498	0.88646	0.746522	0.852233
0.976338	1.075418	0.793162	0.782245	0.698275	0.911911	0.915718	0.81301	0.917744	0.854465
1.178639	1.183888	0.910607	1.143557	1.073211	1.095914	0.952456	0.787548	0.92554	0.919521
1.142689	1.084747	1.009286	1.359169	1.117679	0.859718	0.962147	0.805015	0.824268	1.238922
0.989775	0.975301	0.887917	0.909725	0.702951	0.814135	1.02533	1.013154	0.73117	0.799865
0.835663	0.910091	0.804536	0.867863	0.999057	1.057253	0.919509	0.891264	0.859958	0.764812
1.076791	0.944194	0.762466	0.878248	1.249927	1.119656	0.909473	0.79233	0.968209	0.841242
0.97195	0.884377	0.834346	0.854391	0.809902	0.928614	0.905768	0.707037	1.100793	1.031587
1.022847	0.852301	1.036266	0.945023	0.880486	0.899486	0.919509	0.897345	1.317724	0.94771
1.136267	1.154127	0.893774	0.859953	0.966244	0.940565	0.740971	1.2333	1.012317	0.761186

1.618088	0.997864	0.820179	0.831776	1.006873	0.868753	0.769662	0.914839	0.829491	0.857835
1.121643	1.002521	1.068546	0.891288	0.749203	0.843268	0.788021	0.850927	0.979936	1.023256
0.880429	0.934746	0.820179	0.748051	0.88285	0.882668	0.823158	0.914839	1.202003	1.106696
0.84209	0.844639	0.805497	0.858835	0.954901	1.038298	1.084202	1.136178	0.81604	0.774941
0.843171	0.801306	1.149764	0.99095	0.92385	0.916982	0.855875	1.088007	0.818082	0.888188
0.89238	0.893994	1.143431	0.893701	0.828328	0.94872	0.760766	0.938419	0.876033	1.14646
0.816931	0.976769	0.898517	0.835994	1.018058	1.42981	0.869232	0.875841	0.753523	1.048744
0.818973	0.778356	0.783907	1.01748	1.225767	1.007387	0.977827	0.806006	0.688126	0.918224
0.76605	0.827617	1.000151	1.074122	1.075052	0.874497	0.892449	0.856465	0.786503	0.902946
0.967605	0.948307	0.899711	0.825525	0.884038	0.78589	0.955203	1.089911	1.047309	0.966123
0.935668	0.851198	0.771272	0.697464	0.842139	0.914439	0.923333	1.144753	1.161801	0.888188
0.830378	0.791596	0.837442	0.854391	0.853071	0.927306	0.977827	0.682459	0.815022	0.986867
0.854128	1.203271	0.971016	1.106465	1.01004	0.906898	1.000165	0.733089	0.885493	1.148657
0.89117	1.242124	1.066786	0.954663	0.897315	0.8886	1.225389	0.926469	0.863353	0.907979
1.178639	0.792557	0.755548	0.957457	1.034553	0.99196	1.1545	0.985285	0.802006	0.817999
1.019587	0.907575	0.717777	0.867863	1.153747	1.310684	0.944318	0.896122	0.824268	0.879805
0.989775	1.210768	1.231402	1.079658	0.983834	0.968364	0.795587	0.742418	0.779891	0.989913
0.914759	0.997864	0.969609	1.009508	1.018058	0.770148	0.924616	0.832608	0.971111	0.913071
1.058647	0.787771	0.90452	1.328472	0.868852	0.751458	1.023714	1.275065	1.199532	0.931379
0.930345	0.930758	0.995654	1.081519	0.921252	0.958431	1.02533	0.782818	0.887891	1.033272
1.505237	1.210768	1.151896	0.932936	0.84539	0.923406	0.783358	0.799114	0.902561	1.094859
1.369744	1.270102	1.105335	1.10058	0.838913	0.966931	1.112949	1.089911	1.00596	0.949099
1.125772	0.808234	0.837442	1.116455	1.00373	1.180692	1.489058	0.916116	0.893943	0.858964
1.125772	0.962305	0.863044	0.793628	0.788394	1.42981	0.820119	0.650787	0.867922	0.936754
1.222993	1.163069	1.126982	1.022335	0.752703	0.995002	0.794634	0.797165	1.030294	0.976371
0.982259	0.962305	0.880991	0.940957	0.732952	0.995002	0.910715	0.856465	0.92554	0.756697
0.874574	0.812244	0.810336	1.01748	0.798039	1.144772	0.992591	0.963354	0.955383	0.757591
0.902184	1.008809	0.983885	0.917325	0.986836	1.178357	0.747754	0.740707	0.807965	0.700625
1.233496	1.345668	1.07926	0.844554	1.210375	0.910652	0.888886	0.867757	0.782713	0.846703
1.220406	0.911354	0.979553	0.886501	0.807902	0.944623	0.87837	0.977851	0.744789	0.94083
0.775205	0.778356	1.24179	0.816315	0.901008	1.103685	0.813109	0.7885	0.828441	0.780567
0.703709	0.871492	0.969609	1.132932	1.193082	1.029947	0.785217	0.736459	0.921625	0.836922
1.067624	1.122144	0.822175	0.855498	1.239023	1.105649	0.793683	0.881708	1.002816	0.92739
1.428048	0.969477	0.768611	0.748917	0.881667	1.010539	1.131156	1.140444	0.831597	1.026569
0.860837	0.982692	0.790365	0.709173	0.952111	0.939221	0.776913	0.888855	0.755291	0.863509
0.997424	0.965159	1.075659	1.03892	1.13428	0.811126	0.744349	0.926469	0.655253	1.066607
1.228213	1.244842	0.915539	1.335108	1.067732	0.702884	0.833445	1.244051	0.917744	0.994522
0.949266	1.158575	0.879847	1.06685	0.963381	0.968364	0.877217	0.952095	1.129178	1.034964
0.780792	1.109983	0.817203	0.714748	1.103657	1.27436	1.064269	0.735614	0.808966	1.054026
0.844254	0.854515	0.760726	0.842398	0.935737	1.005819	0.891258	0.760805	0.705151	1.185413
0.934331	0.808234	0.774844	1.006359	0.795123	0.818179	0.864734	0.922558	0.843371	1.374696
0.93167	0.965159	0.78851	0.936928	0.795123	1.01852	1.017308	0.957688	0.885493	1.005472
0.762442	0.996323	0.870805	1.284655	1.10169	1.183038	0.916978	0.852028	0.92817	0.979344
0.765145	1.092357	0.900908	1.213425	1.026227	0.851964	0.71248	0.78094	0.705151	0.905455
0.822054	0.903829	0.919275	1.108445	0.671232	0.770148	0.924616	1.097612	0.80997	0.910518
0.74917	0.658637	0.811311	0.919888	0.760683	0.851964	0.969205	1.065788	1.110719	0.80383
0.882793	0.781159	0.92812	1.063259	0.95912	1.075235	1.043518	0.801072	0.767873	0.655902

1.290199	1.186264	1.017049	0.93961	1.181139	1.217299	1.000165	0.787548	0.796127	0.799865
1.006784	0.826575	1.068546	0.897347	0.735478	1.010539	1.681467	1.011558	0.981424	1.367345
0.900947	0.849001	0.861947	0.901024	0.929093	1.078922	0.98074	0.992849	0.959616	0.84451
0.797998	0.719234	0.839519	1.315495	1.109611	1.077074	0.863616	0.739854	1.139782	0.909247
1.026133	0.804261	0.754691	1.059697	1.105633	0.913173	0.812117	0.714208	0.828441	0.956111
1.210211	0.994787	0.978118	0.864455	0.746596	1.066151	0.952456	0.729746	0.739632	0.870418
1.149207	0.860101	0.893774	0.921175	0.960536	0.850867	0.87837	0.714208	0.793218	0.722358
0.859711	0.713581	0.767728	0.869004	1.005299	0.883848	0.623714	0.832608	0.740487	0.566012
0.935668	0.86919	0.860852	0.85772	0.905981	0.841121	0.690961	0.7617	0.73285	0.931379
0.949266	0.906323	0.866353	0.714748	0.825202	1.219852	0.810139	0.807	0.976974	0.99607
0.762442	0.906323	0.979553	0.663406	0.799015	1.178357	1.035156	0.892473	0.979936	0.911793
0.815914	0.724139	0.85542	0.845636	1.103657	0.879147	0.874921	0.998996	0.64277	0.719069
0.90717	0.796423	1.097724	0.746324	0.919958	0.797355	0.7899	0.825284	0.644139	0.884575
0.93167	1.075418	1.044531	0.780377	0.881667	0.929926	0.798459	1.032779	1.02203	1.015082
0.703709	0.942831	0.879847	0.905975	1.32838	1.113598	0.974934	1.046373	0.906308	0.857835
0.784557	0.776497	0.809364	0.922467	0.973487	0.873342	0.853688	0.748461	0.766962	0.766636
0.738838	0.988698	1.034632	1.213425	0.929093	0.699007	0.803287	0.744136	0.68135	0.807831
0.923783	0.978242	1.020193	1.384642	1.109611	0.820215	0.776913	0.973451	0.880738	0.961804
0.934331	0.96373	0.656967	0.802365	1.564073	1.043386	0.817101	1.062193	1.070474	1.075822
0.699026	0.79837	0.67086	0.739483	0.830425	0.756717	0.910715	0.913566	0.81604	1.171263
0.627599	0.955249	0.903313	0.910983	0.67636	0.761148	0.96075	0.696884	0.641405	1.073963
0.76605	0.922893	0.750431	0.709965	0.715671	0.835799	0.979281	0.745861	0.78177	1.034964
1.000522	0.968033	0.721727	0.759448	1.088167	0.845425	1.084202	0.866615	0.869071	1.14646
0.859711	0.89157	0.779352	1.009508	1.171815	0.897043	0.932389	0.945203	0.911353	1.011855
0.903425	1.005654	0.880991	0.950506	0.957709	1.107623	1.022104	0.771672	0.892726	1.055801
0.959045	1.14105	0.938453	0.986432	0.80492	0.786834	0.952456	0.960511	1.087267	1.06117
0.88517	0.765508	0.710756	0.881766	0.799994	0.693636	1.125002	1.269259	1.206987	0.958948
1.021214	0.767321	0.852193	1.177088	1.111614	0.863084	0.983673	0.90851	0.800038	0.946325
0.816931	0.882006	1.249747	1.052661	0.851965	1.031605	0.766974	0.641175	0.804975	1.046997
1.026133	0.993257	1.084717	1.081519	0.853071	0.971245	0.869232	0.8587	1.023671	0.795936
0.872254	0.698598	0.75813	1.068657	0.99751	1.113598	0.995605	1.149104	1.192203	0.772155
0.867651	0.57585	0.724913	0.916049	0.857521	1.004257	0.894841	0.822183	0.723694	0.660173
0.827238	0.797395	0.96681	0.845636	0.702168	1.075235	0.665479	0.683955	0.776158	0.804827
1.338183	1.077268	1.145532	0.931613	0.778959	1.01852	0.820119	0.982296	0.930815	0.91564
0.95343	0.966594	0.880991	0.753274	0.841061	1.238162	0.947014	1.173851	0.991989	0.759385
0.808859	0.872647	1.009286	0.827599	0.897315	1.180692	0.973495	0.763496	0.772456	0.676201
0.995884	0.89157	0.941075	0.971703	0.896091	0.903176	0.736785	0.909768	1.072308	0.971949
1.151401	1.066285	0.962643	1.030548	1.174127	0.885031	0.885353	1.029446	1.289549	0.967572
0.954827	0.89278	0.834346	0.805316	0.890023	0.801246	0.932389	1.014756	0.787456	0.871581
0.712429	0.928121	1.00166	0.827599	0.847571	0.955634	0.897245	0.929096	0.660918	0.673243
0.828282	1.062685	1.086551	0.918605	0.87463	0.774719	0.732638	0.860947	0.744789	0.831583
1.062216	1.005654	0.828218	0.810281	1.060533	0.806158	0.84612	0.8587	0.95679	0.939467
0.812876	0.868043	0.883287	0.830728	1.197953	1.146932	0.992591	0.794257	0.822196	0.854465
0.679296	1.236738	0.983885	0.864455	1.185877	0.987437	0.782431	0.913566	0.69733	0.834779
0.766957	0.915166	0.803577	0.742035	0.714865	0.661319	0.766974	1.164688	0.833714	1.405412
1.088052	0.830759	0.759859	0.792668	0.643036	0.820215	0.816099	0.979327	0.840128	0.939467
1.039527	0.997864	0.804536	0.811281	0.819018	0.959836	0.79942	0.831554	0.895164	0.938109

0.967605	1.109983	0.796921	1.009508	0.992904	0.810128	0.781506	0.728914	0.773378	0.869259
0.939703	1.082865	1.07387	1.094773	0.799994	0.7812	0.983673	0.754589	0.966765	0.960374
1.073101	0.733277	0.958517	0.93961	0.832531	1.00896	1.060741	1.164688	0.932144	0.932716
0.979288	0.789679	0.836407	0.905975	1.039626	1.28316	1.040154	0.918681	1.030294	0.713372
0.929025	1.008809	0.889082	1.104494	0.977891	1.077074	0.864734	0.719868	0.889095	0.808837
0.923783	1.158575	0.958517	0.888888	0.894871	0.964079	1.055502	0.831554	0.920327	0.769387
0.873413	0.897656	1.097724	0.816315	0.918669	1.01852	1.207783	0.896122	1.023671	0.88698
0.917318	0.778356	0.728929	0.864455	0.96481	0.890996	0.879526	0.933067	0.924231	0.810857
0.977811	0.742612	0.726515	1.050919	1.107618	1.00115	0.677669	0.690752	0.853247	0.860096
1.071268	0.97972	0.943713	0.958861	0.823131	0.798325	0.71248	0.776281	0.953981	1.081446
0.859711	1.050315	1.081071	0.778516	0.788394	0.974144	0.863616	0.943838	0.965326	0.982338
0.78931	0.896432	0.837442	0.722021	0.821069	1.016912	0.977827	1.031109	0.840128	0.943569
0.753549	0.712779	0.870805	0.872448	1.13428	1.013714	0.888886	1.078611	0.905055	0.985352
1.046383	0.948307	1.028155	0.802365	0.929093	1.117627	0.832405	1.04465	1.175569	0.861231
1.027785	1.26436	0.758994	0.799433	0.907234	1.260079	1.003232	1.037827	1.118826	0.647485
0.796052	0.994787	0.675116	1.052661	0.887619	0.866476	0.892449	0.983788	0.808966	0.73407
0.780792	1.033234	0.864144	0.840253	1.060533	0.7812	0.816099	0.853133	0.968209	0.831583
0.898482	1.057341	0.89025	0.650083	0.872309	0.702106	0.74861	0.898571	0.98743	0.958948
1.458189	1.408462	0.835375	0.914777	1.296507	0.952855	0.928485	0.840058	1.013921	0.893052
1.014742	1.213296	1.046203	1.338465	1.241723	1.178357	1.020499	0.726428	0.771535	0.901697
0.821024	1.800795	1.24179	1.261469	1.02788	0.844345	0.957967	0.88646	0.870224	0.931379
0.930345	1.270102	1.274533	0.9631	1.160434	0.883848	1.246424	0.982296	1.009127	1.139934
1.03783	0.922893	0.756407	0.886501	1.039626	0.91954	0.952456	1.014756	0.947039	1.106696
0.871099	0.941473	1.072088	0.912244	0.992904	1.103685	0.850428	0.791369	0.825307	1.465021
0.821024	1.169898	1.231402	0.989439	0.833588	1.021755	0.966368	0.974912	0.998143	0.997623
0.942413	1.325509	1.034632	1.200972	0.929093	1.199831	1.107045	1.095674	1.129178	0.815946
1.2695	0.949686	0.794099	1.012679	1.008454	1.138355	0.957967	0.998996	0.826349	0.932716
0.983752	0.952459	0.955788	0.831776	0.916102	1.166871	0.738454	0.759911	0.921625	1.057584
1.073101	1.193471	1.297819	0.905975	0.849762	0.914439	0.74861	0.781878	1.116785	1.164357
1.228213	1.181525	1.017049	0.910983	0.78083	0.897043	0.823158	0.921262	1.009127	0.82526
0.80587	0.851198	1.143431	1.098635	1.080624	1.265735	1.444338	1.037827	0.937502	0.778683
0.737988	0.776497	0.868573	0.914777	1.1364	1.132032	0.872636	0.753708	1.049047	0.884575
0.992819	1.005654	0.95038	0.812283	0.797065	0.85527	0.803287	0.927781	1.050793	0.864653
1.078647	1.073576	0.982436	0.755029	0.761579	0.952855	1.086061	1.215105	0.876033	0.94771
0.929025	1.023298	1.494986	0.977535	0.851965	1.060791	0.927191	0.93174	0.852139	0.780567
1.093794	1.038288	0.995654	0.979005	0.914824	0.845425	0.693216	0.759911	0.727832	0.655902
1.252512	1.116021	0.844755	0.882945	1.140672	0.815142	0.864734	0.846546	0.893943	1.06117
0.875739	0.885568	1.088394	1.01748	0.979369	0.954243	1.257336	0.982296	1.358379	1.850633
0.808859	1.165333	1.694684	1.059697	1.215445	1.16461	1.114934	1.006804	0.841206	1.005472
1.476401	0.936083	1.024953	1.128754	1.01004	1.103685	0.884181	1.34465	0.796127	0.905455
1.197795	1.007228	0.871925	1.03221	0.816975	0.950094	1.036816	1.318038	1.10276	0.986867
0.861965	1.073576	0.879847	0.942308	0.969127	1.043386	0.919509	0.852028	1.091089	0.817999
1.176302	1.404506	0.887917	1.079658	1.428344	1.08828	0.944318	0.696884	0.852139	0.870418
0.874574	1.073576	1.107259	0.964522	1.111614	0.941914	1.012565	0.952095	0.949802	1.671448
1.014742	0.770053	1.105335	1.092854	0.933067	0.935213	1.082352	0.934399	0.937502	1.238922
1.103537	0.863487	0.857584	1.110433	1.174127	1.113598	1.288842	0.953486	1.077857	1.057584
1.392135	0.926808	0.96681	1.2643	1.305826	1.243538	1.055502	0.854241	0.948418	1.180645

1.637862	1.036597	1.042865	0.992467	0.84322	0.950094	1.093575	0.766204	1.170931	1.573306
1.311934	0.985685	1.534387	1.049185	0.79319	0.971245	0.973495	0.759911	1.025317	0.994522
0.886363	1.2008	1.244426	1.03221	0.972029	1.029947	0.848269	1.031109	1.480627	0.81187
0.995884	0.915166	0.941075	1.557225	1.210375	1.413506	1.022104	1.341233	1.330857	0.999181
1.252512	1.138908	1.059816	1.06685	1.302698	1.522011	1.082352	1.013154	0.949802	0.926069
0.995884	1.223559	1.180603	0.914777	0.939773	1.310684	1.345901	0.998996	1.106721	1.100737
1.093794	1.000963	1.115041	1.25586	1.412002	1.09208	0.944318	1.308465	0.885493	1.021609
1.36253	0.905074	1.118985	1.030548	1.321816	1.157896	0.858072	0.991325	0.961037	1.064787
1.525582	1.389033	1.249747	0.913509	1.021307	0.98594	0.784286	0.870052	1.23015	1.434195
1.008364	1.606395	1.544822	1.030548	1.236339	1.060791	1.156685	0.907255	0.886691	0.836922
0.811868	1.126275	1.694684	1.504761	1.325086	1.041683	1.779847	1.302198	0.775229	0.991444
1.162543	1.255887	1.313033	1.188866	1.080624	0.809132	1.120947	1.121568	0.958201	1.162079
1.552432	1.16761	1.059816	0.845636	1.008454	1.052001	0.982204	2.154828	1.135509	1.148657
0.929025	1.938069	0.879847	0.909725	1.412002	2.024948	1.112949	1.453207	0.975501	1.168949
0.812876	1.416484	1.160528	1.139276	1.428344	1.745369	1.838892	0.977851	0.98592	1.303093
0.969048	2.292275	2.00904	1.796598	1.296507	1.23022	1.060741	0.977851	1.923552	1.734545
1.134148	0.972379	0.953075	1.104494	1.552838	1.021755	1.050325	1.480473	1.771057	2.824383
1.536124	0.800325	1.009286	1.270019	2.117924	1.736863	1.190864	1.046373	0.893943	1.885247
1.164806	1.381498	1.258549	1.312311	1.107618	1.530181	1.770742	1.014756	1.427534	1.322644
1.862417	1.205942	1.247078	1.725359	1.272593	1.323499	2.218261	1.200093	1.574863	1.217753
1.51529	0.944194	1.12097	1.259836	1.52078	1.898214	2.948639	1.33114	1.403238	1.023256
1.384543	0.890363	1.187506	2.221278	1.390308	1.564116	1.607452	0.855351	1.061417	1.760789
1.272398	1.408462	1.309947	1.172465	1.190667	2.095837	1.158882	1.292964	1.139782	1.310205
1.936203	1.208254	1.362162	1.407732	0.834648	1.313294	1.688866	1.268269	1.480627	1.06117
1.360084	1.023298	1.092102	1.931719	0.897315	1.482753	1.435921	0.919969	1.243574	1.023256
1.287181	1.432987	1.216272	1.250324	1.233672	1.246252	0.96355	1.093745	2.322537	1.29447
1.173979	1.251726	1.251025	1.063259	2.433031	1.239962	2.244274	3.03211	1.851563	1.636211
1.978401	1.852831	1.197114	1.97327	2.290768	1.7792	1.77053	2.074172	1.387765	0.963239
1.228213	1.143202	1.609945	1.745903	1.813881	1.76186	1.744519	1.113435	1.246309	1.070269
1.225595	1.612709	1.607181	1.88186	1.911164	1.238162	1.071412	1.2333	1.475946	1.949878
1.49058	1.428351	2.27692	1.0967	1.265804	1.559538	2.244274	1.427552	1.451749	2.235034
1.366122	1.318992	1.373671	1.098635	1.293445	1.426492	1.493545	1.679186	1.065017	1.244379
1.205202	1.772325	1.346331	2.679273	1.810023	1.674221	1.205325	1.298831	0.995055	1.434195
1.426653	1.481895	1.072088	1.20921	1.568608	1.277274	1.392337	1.165896	1.886068	1.054191
1.59305	1.009894	0.947701	1.028893	1.462995	2.077001	1.126466	1.146181	1.113327	1.083759
0.922482	0.978798	0.920528	1.025602	2.098017	1.166871	1.086061	1.080474	1.444521	1.115005
1.230847	1.104822	2.11277	1.709237	1.312152	1.117627	2.052388	1.54617	1.197075	1.140374
1.331712	1.841913	1.56047	1.361927	1.140672	1.117627	1.276204	1.414556	1.164065	1.190235
1.57754	1.831263	0.964028	1.411703	1.255993	1.269467	1.282941	1.657503	2.291007	1.102715
1.581052	1.537017	0.994165	1.15006	2.098017	1.559538	1.435921	1.200093	1.651386	1.317115
1.496495	2.357805	1.072112	0.92898	0.985333	1.262898	1.21016	1.220226	1.651386	1.479606
1.520406	1.472583	1.043651	0.957156	0.958013	0.971887	1.196985	1.203572	2.09782	1.465021
1.436448	1.015189	1.785595	0.958869	0.958441	1.950039	1.183809	1.200278	1.201925	1.201514
1.054838	1.035013	0.960582	0.971461	1.290404	1.083075	1.761824	1.30532	1.201102	1.201719
1.096381	1.044926	0.997798	0.905975	0.982341	1.032708	1.194198	1.519713	1.27953	2.025838
2.714355	1.594035	1.021362	1.440562	0.452987	0.959643	1.313281	1.253739	1.637659	0.911793
1.421797	1.370435	1.40408	1.420902	0.936945	1.016429	1.073216	1.961362	1.445699	2.078737

1.305767	1.338101	1.437724	1.604298	1.736424	1.044823	2.490001	2.382626	1.561161	1.371275
1.862417	1.321934	1.330017	2.989258	1.302762	1.303283	1.303849	1.664611	1.457711	1.296852
1.358967	1.288615	1.305275	1.30111	1.303804	1.304415	1.303566	1.274995	1.222291	1.290698
1.255297	3.089068	1.296945	1.303192	1.525962	1.438198	1.246424	1.234357	1.228324	2.436582
1.547712	1.496249	1.33527	1.163363	2.392865	1.48208	1.431773	1.167789	1.198057	1.218369
1.599176	1.66683	0.806461	1.059697	1.841191	1.57667	1.101221	1.489955	0.948418	1.075822
1.142689	1.511093	1.221257	1.152249	1.210375	1.87445	1.62642	0.988295	1.066828	1.363716
0.97195	1.92482	1.199172	1.18813	2.078983	1.127867	1.26853	1.192777	1.351334	1.788722
1.546928	1.300007	1.126982	1.177088	1.182609	1.151284	2.301501	1.286242	1.347853	1.073963
1.541492	1.576131	0.918026	0.980481	1.659109	1.754045	1.303954	1.089911	0.971111	0.963239
1.014742	1.258693	1.151896	1.122561	0.894871	1.280207	1.595252	0.777209	1.012317	1.064787
0.732922	1.149724	1.351881	1.047457	1.071377	0.859718	1.291822	1.299098	1.475946	1.657008
1.017966	0.946931	0.875302	0.839184	0.832531	0.911911	1.036816	1.292964	0.814007	1.085236
1.287181	0.880825	0.843703	1.040614	1.14716	0.861959	0.849347	0.661327	0.869071	1.164357
0.938353	0.895211	0.954429	1.009508	1.210375	1.077074	0.811127	0.873516	0.846638	0.982338
1.12994	0.993257	0.946368	0.970257	0.896091	1.046811	0.890071	1.391705	0.991989	0.876261
0.801916	1.136777	0.875302	1.054409	1.231021	0.893405	1.200451	0.967652	0.802994	0.805826
0.766957	0.66433	0.745374	0.83388	1.014833	0.975601	0.795587	0.683207	0.84883	0.857835
0.714837	0.901349	0.975263	0.699007	0.789349	1.115608	0.643422	0.775355	0.892726	0.877439
1.164806	0.985685	0.860852	0.891288	0.640314	0.784008	0.753778	1.005231	0.982918	0.662324
0.914759	0.639955	0.807426	1.08715	0.645088	1.041683	1.001696	0.686963	0.724518	0.708548
0.741398	0.665047	0.882137	0.842398	0.683044	0.7812	0.728531	0.745861	1.015531	0.621857
0.686778	0.574101	0.678695	0.745463	0.94796	0.908146	0.647473	0.822183	0.948418	0.888188
0.927708	0.720048	0.771272	0.593204	0.756231	0.830542	0.800384	0.856465	0.771535	0.769387
0.817951	0.600493	0.761596	0.625907	0.638284	0.944623	0.802317	0.622567	0.627324	0.593958
0.662559	0.548673	0.804536	0.88059	0.740574	0.725261	0.664067	0.565927	0.679114	0.506882
0.623666	0.721679	0.744537	0.748917	0.792226	0.618228	0.505768	0.544211	0.624038	0.586047
0.722145	0.700151	0.603031	0.56905	0.661866	0.7812	0.549506	0.689991	0.635987	0.802835
0.878077	0.753909	0.592885	0.545626	0.500593	0.824317	0.767868	0.572254	0.551818	0.491575
0.460694	0.502876	0.545435	0.567906	0.546169	0.532427	0.611055	0.512282	0.588837	0.509402
0.459798	0.557544	0.480703	0.419722	0.515091	0.469373	0.533561	0.474603	0.500621	0.547413
0.546163	0.731601	0.569909	0.432922	0.434583	0.467104	0.51919	0.48113	0.427334	0.519114
0.483716	0.604219	0.587609	0.547258	0.609552	0.615672	0.772367	0.741562	0.828441	1.131383
0.716451	1.075418	1.34516	0.273629	0.136814	0.068407	0.034204	0.017102	0.008551	0.004275
0.016853	0.008426	0	0	0	0	0	0	0	0
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110	111	112	113	114	115	116	117	118	119
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0	0	0.534532	2.325775	0.534532	0.267266	0.616743	2.401026	1.405368	2.314673
1.52483	1.325908	1.379411	1.069063	1.127898	1.584319	0.96622	1.310328	1.146968	1.199123
0.839097	0.627624	0.760975	0.755658	0.840936	0.834116	0.741649	1.058317	0.808069	0.726671
0.74527	0.577776	0.602541	0.825259	1.132246	0.862844	0.824924	0.937436	0.810102	0.863516
0.71309	0.557647	0.609653	0.921436	1.071206	1.324922	1.282469	0.949785	0.82566	0.74302
0.762301	1.136572	0.913167	0.787086	0.762462	0.779909	0.633755	0.617246	0.736258	0.645283
1.308476	1.294138	1.001572	0.65668	0.412878	0.33119	0.259203	0.218158	0.278615	0.322833
1.193357	1.149553	1.096398	1.036301	0.797395	0.661675	0.480205	0.420726	0.321412	0.381241
0.766896	0.963161	0.879132	1.145335	1.059964	0.906045	0.873432	0.681286	0.714465	1.027465
0.933809	1.022839	0.922445	1.507433	1.033069	0.708696	0.702093	0.598252	0.777716	1.754104
0.950404	1.053417	1.021301	0.994545	0.735355	0.556817	0.737265	0.831169	1.011232	0.917676
0.874307	0.859374	0.855536	0.862389	0.814922	0.757831	0.879441	1.253551	1.024382	0.823733
0.924413	0.687719	0.757296	0.753825	0.843175	0.795277	0.747861	0.808471	0.806045	0.900959
0.964734	0.675753	0.915798	0.876719	0.828819	0.827748	0.828138	0.830111	0.974016	0.736061
0.889966	1.064107	0.807739	0.72293	0.665888	0.808177	0.883086	0.776505	0.766514	0.616829
0.77154	0.849358	0.877921	0.758423	0.74242	0.825646	0.731202	0.839726	0.559949	0.710916
0.71967	0.686961	1.022987	1.054196	1.004476	0.874419	0.593732	0.709163	0.665794	0.855489
0.81989	0.775668	0.982701	0.917418	0.792372	0.790416	0.752353	0.934739	1.024382	0.826913
0.883876	0.838494	0.869539	0.622917	0.925783	1.065914	0.866329	0.90865	0.795081	0.67125
0.679339	0.767392	0.87551	0.779256	0.885602	0.713529	0.91472	0.830111	0.762843	0.780547
0.571553	0.686205	0.84197	0.793053	0.83209	0.692965	0.678607	0.854001	1.036223	0.932341
0.738294	0.628946	0.712933	0.647274	0.689668	0.729197	0.759639	0.917604	0.896632	0.833343
0.970602	0.825805	0.620879	0.745668	0.945224	0.751598	0.805103	0.742392	0.652834	0.769224
0.781935	0.859374	0.747337	0.813556	0.789386	1.062283	0.940403	0.742392	0.797054	1.014166

0.71309	1.325908	0.90666	0.780227	0.766208	0.749833	0.762403	0.928068	1.034512	0.893456
0.821983	0.79659	0.792578	1.08642	0.848826	0.791384	1.067258	0.776505	0.695275	0.835507
0.755948	0.542189	0.608351	1.04695	1.016023	0.817338	0.943196	0.669449	0.622693	0.98108
0.803503	0.733244	0.709638	0.829594	0.878237	1.114069	0.795023	0.790744	0.922243	1.083225
1.047991	0.881309	0.860154	0.94352	0.761531	0.9124	0.821733	1.262037	1.138205	0.951752
0.967658	0.797566	0.84197	0.75474	0.693628	0.908576	0.875825	0.978552	0.883164	0.766439
0.81162	0.62368	1.05088	1.029344	0.927144	0.862844	0.765185	0.626403	0.897877	0.874058
0.792585	0.813477	0.861316	0.702136	0.83649	0.822512	0.672552	0.719686	0.885582	1.115073
0.842382	0.920958	0.869539	0.689331	0.874601	0.63858	0.800034	0.893718	0.943879	0.801102
0.77154	0.752175	0.954403	0.741202	0.745996	0.820435	0.680133	0.732998	0.846204	0.792174
0.586538	0.692292	0.845322	0.975844	0.873395	1.0309	0.760558	0.688852	0.758297	0.660241
0.753254	0.738326	0.629664	1.110698	0.91638	0.686829	0.784199	0.74153	0.822504	0.869341
0.731429	0.833162	0.605759	0.664802	0.720714	0.710301	0.757806	0.647393	0.665794	1.009283
0.73916	0.716721	0.711282	0.670806	0.805555	0.843847	0.822794	0.723802	0.669464	0.669766
0.729729	0.899445	0.654239	0.661831	0.704914	0.707896	0.644189	0.728794	0.685224	0.602637
0.692371	0.766482	0.730655	0.824182	0.729267	0.600746	0.637899	0.825905	0.732833	0.688691
0.958945	0.782217	0.606406	0.772518	0.698429	0.732569	0.656326	0.648782	0.692158	0.820577
0.691593	0.666268	0.589278	0.719536	0.771888	0.870914	0.83246	0.662929	0.623355	0.652342
0.75236	0.724904	0.652796	0.662572	0.678767	0.642001	0.703705	0.609549	0.531678	0.648798
0.72551	0.668439	0.819205	0.793053	0.553406	0.683793	0.705323	0.584232	0.608372	0.643188
0.673339	0.638319	0.686468	0.675364	0.617882	0.685308	0.6456	0.651575	0.669464	0.677992
0.647321	0.655575	0.633779	0.676894	0.668133	0.648228	0.564056	0.652978	0.661431	0.58037
0.78098	0.709486	0.695906	0.590332	0.619892	0.499262	0.596877	0.603236	0.588962	0.650212
0.698641	0.621722	0.702314	0.626314	0.651932	0.600746	0.740769	0.612099	0.622693	0.82585
0.64592	0.548196	0.546654	0.622917	0.870995	0.692193	0.578338	0.692685	0.692935	0.603908
0.699432	0.606364	0.592399	0.743876	0.920385	0.743712	0.636513	0.864165	0.710397	0.692578
0.854646	0.870781	0.647074	0.647274	0.673418	0.785609	0.745188	0.653681	0.721886	0.706863
0.798506	0.930135	0.691161	0.646559	0.743311	0.952616	0.933495	0.73981	0.668727	0.684074
0.697853	0.690762	0.832067	0.829594	0.756904	0.67407	0.784199	0.732998	0.594509	0.678747
0.676329	0.673546	0.833156	0.817775	0.807619	0.589036	0.536279	0.517632	0.690607	0.711731
0.796524	0.875429	0.741999	0.7812	0.873395	0.792354	0.680899	0.57474	0.715283	0.719137
0.842382	0.943592	0.796569	0.824182	0.905876	1.024223	0.955997	0.742392	0.729435	0.8133
0.691593	0.698466	0.75003	0.922784	0.729267	0.751598	0.955997	0.885238	0.662155	0.730062
0.718015	0.721612	0.694319	0.609588	0.692833	0.695289	0.720161	0.78978	0.676148	0.810218
0.932454	0.874262	0.581877	0.772518	0.917711	0.828803	0.811265	0.852886	0.962287	0.843169
0.678585	0.798543	0.790595	1.009119	0.939581	0.904785	0.850195	0.808471	0.77395	0.822679
0.815735	1.016327	0.887703	1.020802	0.852252	0.952616	0.985869	0.686568	0.653544	0.8873
0.928415	1.022839	0.672684	0.885302	0.959664	0.748075	1.054396	1.061906	1.144761	0.890983
0.889966	0.626964	0.647074	0.826339	0.886842	0.82986	0.998418	0.874574	0.834192	0.793157
0.712275	0.616542	0.657866	0.758423	0.866233	0.962561	0.998418	0.660778	0.874806	1.26097
0.72635	0.967471	1.165617	0.968284	0.788395	0.812225	0.79702	0.662211	0.807056	0.929638
0.76782	0.835287	0.853246	0.861216	0.663655	0.672593	0.629651	0.698108	0.842895	0.647389
0.902408	0.676491	0.6999	0.801138	0.758749	0.594544	0.59941	0.629721	0.76193	0.73348
0.612293	0.798543	0.832067	0.783153	0.789386	0.731724	0.583817	0.643938	0.937001	0.816404
0.690817	0.804455	0.682595	0.610245	0.743311	0.940156	0.760558	0.759114	0.714465	0.791193
0.916519	0.686961	0.632403	0.606971	0.589428	0.83626	0.843459	0.894942	0.631383	0.816404
0.74527	0.800505	0.987342	0.867113	0.68888	0.846039	0.73989	0.860751	0.751122	0.682545

0.861484	0.720793	0.867174	1.243532	0.973083	0.766894	0.697293	1.063711	0.992226	0.67125
1.009186	0.932794	0.649211	0.90688	0.973083	0.659524	0.660691	0.776505	0.806045	0.636275
0.948996	0.781275	0.659325	0.718691	0.829907	0.725851	0.779367	0.770937	0.786312	0.936428
0.747915	0.724079	0.776968	0.786099	0.827734	0.852683	0.995247	0.849558	0.815226	1.02243
0.923088	0.821657	0.774102	0.879154	0.869799	0.663115	0.702093	0.9568	0.807056	0.883648
1.040988	0.977699	0.736727	0.840625	0.813871	0.854921	0.757806	0.867607	0.931576	0.753672
0.856913	0.899445	0.813956	0.864745	0.888085	1.429176	1.092204	0.714798	0.788245	1.001263
0.75685	1.058729	0.852105	0.874298	0.86505	0.925396	0.975179	0.639828	0.704764	1.037713
0.801498	0.823726	0.759132	0.765883	0.874601	0.749833	0.877027	0.674588	0.737981	1.350516
0.924413	0.726559	0.649211	0.776355	0.869799	0.891162	0.868684	0.75643	0.707974	0.951752
0.7488	0.803464	0.681055	0.838396	0.979182	1.086448	0.852463	0.797552	1.012854	0.81953
0.79455	0.833162	0.710459	0.885302	0.799421	0.826696	0.768922	0.676068	0.85742	0.900959
0.951816	0.877771	0.712107	0.746567	0.673418	0.791384	0.877027	0.698889	1.057306	1.049983
0.975055	0.777529	0.914481	0.69729	0.619892	0.980159	0.978206	0.770016	0.85742	0.839869
0.727193	0.817548	0.978108	0.77732	1.004476	0.965445	0.846814	0.805466	0.80003	0.674233
0.859192	0.786955	0.86365	1.116986	0.751416	0.752483	0.690191	0.780256	0.905425	0.706057
0.978049	0.874262	0.785679	0.770612	0.652655	0.984671	0.831376	0.738097	0.956539	0.74302
0.751467	0.717532	0.828816	0.691704	0.777642	0.962561	0.87224	0.804468	0.813169	0.694926
0.805518	0.686205	0.862481	0.916086	0.973083	0.68912	0.683974	0.942881	0.754695	0.802106
0.8696	0.786955	1.189724	1.185441	1.05445	0.759629	0.681666	0.840807	0.804031	1.096872
1.014055	0.834223	1.067395	0.918753	0.838707	0.870914	0.730343	0.892496	1.046637	1.241197
0.928415	0.927493	0.782756	0.724638	0.958198	1.143567	0.834638	0.891278	0.868933	0.77674
0.760476	0.751297	0.757296	0.846248	1.016023	0.942894	0.889231	0.723802	0.679907	0.676485
0.929757	1.021202	1.00805	1.134212	1.058118	0.753369	0.843459	0.757323	1.006402	1.069993
1.07908	1.034476	0.938825	0.962329	0.99962	0.722531	0.786147	0.961064	1.05551	1.395374
1.129267	1.092044	0.849832	0.921436	1.190612	0.726686	0.862821	0.920196	0.830973	1.03427
0.862634	1.05166	0.990464	0.942106	0.993228	1.069576	0.847938	0.69967	0.725225	1.017453
0.927077	1.247694	0.871918	0.895323	0.758749	1.029221	0.846814	0.747603	0.759203	0.820577
0.85239	1.013107	0.898978	0.956454	0.804527	0.767811	0.816468	0.949785	1.140379	1.009283
0.844586	0.754822	0.945836	1.352095	0.936786	0.879138	0.905628	0.797552	0.968112	1.206707
0.958945	0.746062	0.909251	1.092364	0.973083	1.156849	0.920002	0.702812	0.992226	1.432347
1.08098	0.831047	0.90537	1.027623	0.718181	0.922766	0.748756	0.773712	0.799036	1.019106
0.932454	0.847163	0.787639	0.969785	0.67039	0.792354	0.854744	0.999888	0.801027	0.671994
0.786744	0.753938	0.941616	1.235138	0.758749	0.932043	0.941797	0.832229	0.722718	0.760009
0.751467	0.857128	0.913167	1.036301	0.980721	0.841665	0.728629	0.702812	0.810102	0.779592
0.812645	0.980666	0.901523	0.792053	0.713991	0.796256	0.709394	0.875746	0.984545	0.943327
1.07908	0.768303	0.752741	0.744771	0.588177	0.863988	0.721	0.90865	0.870101	0.821627
0.78098	0.66699	0.752741	0.953546	0.806586	0.9124	0.846814	0.744122	0.864291	0.723307
0.790629	0.880127	0.806712	1.005838	0.855705	0.813242	0.754163	0.826953	0.932926	0.791193
0.684658	0.812465	0.909251	0.812507	0.920385	0.82986	0.636513	0.708364	0.918304	0.978056
0.705004	0.809444	0.789608	0.745668	0.752326	0.654546	0.700487	0.707566	0.772079	0.867001
0.972081	0.826849	0.933296	0.764006	0.788395	0.834116	0.988973	0.846256	0.833116	0.727517
0.815735	0.841725	1.01795	1.116986	0.796386	0.711106	0.7443	0.891278	0.732833	0.821627
0.79455	0.873099	0.925132	1.024199	0.800438	0.647532	0.800034	0.949785	0.799036	0.748314
0.877871	0.934129	0.868355	0.7812	0.858023	0.908576	1.131453	0.995227	0.963736	0.86236
0.856913	0.679457	0.802626	0.7575	0.968563	0.903529	1.009704	0.82486	0.76193	0.750985
0.849028	0.768303	0.961673	0.817775	0.905876	0.851569	0.810232	0.714798	0.654967	0.880027

1.012426	0.770133	0.741116	0.902993	0.763396	0.747199	0.83246	0.794621	0.716103	0.872874
0.902408	0.795617	0.660789	0.742983	0.928508	0.908576	0.957443	0.821739	0.889234	0.943327
0.717191	0.880127	0.732381	0.891538	0.952384	0.753369	0.767984	0.732998	1.10482	1.014166
0.718015	0.973286	0.810836	0.889032	0.91373	0.708696	0.698887	0.733844	0.765593	1.08131
0.866103	0.931462	0.766553	0.720382	0.699234	0.834116	0.850195	0.76544	0.731981	0.749202
1.022294	0.778463	0.802626	0.684625	0.715662	0.698406	0.727775	0.839726	1.003211	0.658794
0.899891	0.70237	0.6999	0.899141	0.855705	0.761434	0.79702	0.764531	0.902894	0.737791
1.069703	0.880127	0.724667	1.005838	0.912411	0.648228	0.839026	0.763623	0.850655	0.723307
0.966194	0.974752	0.929195	0.725494	0.781522	0.879138	0.800034	0.677552	0.879562	0.833343
0.815735	0.816527	0.793572	0.776355	0.993228	0.899782	0.751451	0.769097	0.838522	0.926951
0.862634	0.748671	0.75003	0.857716	0.890583	0.986186	0.656326	0.74499	0.761019	0.757282
1.025633	0.831047	0.81815	0.892796	0.803501	0.753369	0.596877	0.695776	0.767436	0.695712
1.002777	0.960311	0.634469	0.578564	0.809693	0.835186	0.647724	0.918898	0.980001	0.727517
0.760476	0.785054	0.742884	0.594749	0.938181	0.865134	0.795023	0.871077	0.918304	0.702847
0.826199	0.860501	0.978108	0.997742	1.029606	0.696066	1.022972	0.873405	0.845098	1.012532
0.96328	0.997356	1.172709	1.355738	1.080802	0.759629	0.78226	0.805466	0.942494	0.999677
0.908765	0.862765	0.750932	0.860046	0.935395	0.7063	0.757806	0.932058	0.986071	0.916367
0.935168	0.960311	0.704742	0.839509	1.009387	0.752483	0.734656	0.815565	0.642322	0.809196
0.93927	0.980666	0.870727	1.04695	0.751416	0.705504	0.762403	0.639828	0.638874	0.784388
1.071562	1.5175	0.981164	0.839509	0.658487	0.677784	0.76148	0.67385	0.729435	0.808176
0.8949	1.149553	0.880346	0.727212	0.81809	0.751598	1.114493	0.696552	0.788245	0.738658
0.950404	0.813477	0.708818	0.698899	1.016023	1.017648	1.052589	0.746731	0.834192	0.771091
0.925743	0.809444	0.777927	0.890283	0.855705	0.920151	0.819619	0.737243	1.302275	1.085148
0.903672	0.954666	1.03671	1.136414	0.731866	0.802176	0.735524	0.708364	0.824606	0.960345
0.927077	1.05518	0.890183	0.950658	0.920385	0.901027	0.97669	0.834358	0.66288	0.698869
1.183602	0.757485	0.72044	1.000962	0.874601	0.811209	0.9677	0.794621	0.712833	0.61946
1.028999	0.84607	0.812913	0.886542	0.86505	0.886312	0.620889	0.624425	0.73971	0.641102
0.796524	1.11172	1.024679	0.842866	0.868607	0.917552	0.739013	0.797552	0.793117	0.696499
0.924413	0.991212	0.862481	0.717007	0.713158	0.725019	0.755071	0.770937	0.778663	0.852095
0.856913	0.773815	0.805687	0.708682	0.755067	0.916258	0.904344	0.867607	0.711207	0.7208
0.761387	0.893315	0.821322	0.818836	0.806586	0.781801	0.726922	0.776505	0.834192	0.679504
0.74615	0.888473	0.936051	0.850799	1.024462	0.67407	0.769861	0.871077	0.931576	0.917676
0.792585	0.744331	0.756381	0.735026	0.746895	0.67481	0.711033	0.90112	0.725225	0.991831
0.813673	0.64859	0.66968	0.702949	0.800438	0.631817	0.672552	0.83757	0.647897	0.719137
0.889966	0.806444	0.837541	0.868303	0.741531	0.644067	0.692545	0.695001	0.623355	0.679504
0.828322	0.946334	0.804664	1.015757	0.800438	0.655963	0.917353	0.820704	0.690607	0.767365
0.886302	0.97918	0.750932	0.810418	0.812823	0.861703	1.028054	0.983037	0.93428	1.004453
0.740897	0.825805	0.705554	0.780227	0.899439	0.93608	0.831376	0.719686	1.198608	1.009283
0.723833	0.824764	0.686468	0.658146	0.720714	0.814263	0.771746	0.72463	0.791162	0.916367
0.775291	0.849358	1.012972	0.932338	0.65338	0.710301	1.096173	0.807467	0.836352	0.895942
0.8326	0.787909	0.833156	0.909491	0.784454	0.769651	0.975179	1.042525	0.883164	0.77864
0.828322	0.795617	0.705554	0.939293	0.899439	1.032585	0.883086	0.980042	0.938368	0.843169
0.910048	0.848259	0.728078	0.981989	1.05628	0.980159	0.802054	0.770937	0.989137	0.984125
0.804509	0.766482	0.828816	0.808338	0.768093	0.725851	0.806124	0.866457	0.960843	1.030854
1.018979	0.816527	0.944425	0.789066	0.803501	0.711106	0.806124	0.902366	0.94946	0.693359
0.924413	0.733244	0.816048	0.891538	0.959664	0.846039	0.706946	0.846256	1.289798	0.774849
1.044476	0.77197	0.888942	0.942106	0.929877	0.948423	0.842347	0.698108	0.956539	0.810218

0.871947	1.103743	0.947252	0.87189	0.955281	1.116111	0.908206	0.762717	1.012854	0.90988
0.975055	0.821657	0.898978	0.849656	1.156966	1.098071	1.227888	0.992147	0.753799	0.796119
0.844586	0.686961	0.8487	1.007475	1.208466	1.21962	1.131453	0.987568	0.726904	0.883648
0.676329	0.720793	1.234051	1.545354	0.998013	1.090287	0.905628	0.94015	0.85742	1.057153
0.978049	0.745195	0.941616	0.810418	0.756904	0.786566	0.889231	1.637543	0.972533	1.039445
1.31823	1.024482	0.869539	0.677661	0.879456	0.873248	0.77554	1.051228	1.008006	0.775793
0.780026	0.823726	0.739355	0.867113	1.019379	0.902276	0.99367	0.897403	0.920926	0.963247
0.844586	0.926178	0.835343	1.069063	1.098628	0.904785	0.934868	0.866457	1.044884	1.05535
0.839097	0.971825	0.840859	0.796067	1.104736	0.879138	0.806124	1.037387	0.995336	0.97356
0.874307	0.764667	0.695906	0.816716	1.278986	0.9124	0.858187	0.845161	0.785348	0.892218
0.889966	0.77197	0.840859	0.899141	0.909786	0.984671	0.978206	0.731311	0.699204	0.96911
1.210975	1.203249	1.102438	1.29443	1.019379	0.94565	0.814379	0.748478	0.814196	1.02243
1.280464	1.138709	0.987342	0.926853	0.826652	0.691423	0.756893	0.769097	0.959404	0.906035
1.271514	0.810449	0.715421	0.850799	0.689668	0.742845	0.795023	0.867607	0.787277	0.823733
0.987158	0.774741	0.922445	0.9521	1.016023	0.81631	0.748756	0.680537	0.793117	0.694142
1.11462	0.894534	1.004799	0.868303	0.819151	0.848242	0.788104	0.598252	0.85742	0.736061
1.102448	1.014714	0.854389	0.65668	0.674178	0.893607	0.955997	0.9568	0.919613	0.917676
0.765052	0.700023	0.774102	0.939293	0.810734	1.159103	0.930763	1.037387	0.896632	0.893456
0.750576	0.693827	0.90537	1.056027	0.870995	0.837335	0.683974	0.925428	0.780562	0.815367
0.940646	0.84498	0.849832	0.865928	1.058118	0.787525	0.56995	0.821739	0.930231	0.900959
1.137864	0.931462	0.964615	0.711993	0.695223	0.672593	0.698887	0.807467	0.858557	1.079403
0.902408	0.841725	0.87551	0.663314	0.805555	0.844941	0.742531	0.781199	0.809084	0.936428
0.696279	0.874262	1.01795	0.895323	0.946647	0.938793	0.73989	0.893718	0.783427	0.802106
0.650136	0.800505	0.835343	0.766825	0.97765	0.833048	0.734656	1.052989	0.858557	0.74302
0.932454	0.994273	0.787639	0.876719	0.965577	0.904785	0.697293	0.606381	0.767436	0.688691
1.160131	0.961733	0.770311	0.841744	0.771888	0.940156	0.894211	0.60575	0.673908	0.759098
0.821983	0.883684	0.915798	1.092364	0.894356	0.835186	0.917353	0.652978	0.619397	0.768294
0.71967	0.743468	0.730655	1.147595	0.885602	0.804167	1.219864	0.912465	0.773013	0.822679
1.00597	0.939511	0.779852	0.9521	0.785436	0.741979	0.9677	0.899877	0.910531	0.63559
0.975055	0.92356	0.723818	0.797077	0.893095	0.873248	0.979728	0.873405	0.924889	0.736925
1.160131	0.882495	0.753648	1.069063	0.929877	0.804167	0.903064	0.833292	0.824606	0.908595
0.979554	0.852671	0.769368	0.960853	0.625297	0.744581	0.788104	0.773712	0.990679	1.073733
0.913919	0.774741	0.893931	0.912117	0.641928	0.724188	0.865157	0.887644	0.891686	0.694142
0.885087	0.826849	0.861316	0.829594	0.884366	0.956851	0.652003	0.746731	0.638187	0.657352
1.27746	0.786003	0.874309	0.996141	0.855705	0.886312	0.719323	0.738097	0.748462	0.874058
1.01569	0.764667	0.918444	0.845117	0.784454	0.916258	0.697293	0.695001	0.971054	0.829046
0.912625	0.936812	1.175099	0.709508	0.83649	1.064095	0.926696	0.82486	0.918304	0.657352
0.967658	0.811456	0.973564	0.922784	0.942393	0.865134	1.052589	1.020683	0.815226	0.86236
0.827259	0.787909	1.197224	1.260823	0.952384	0.860565	0.883086	0.787858	0.682937	0.831189
0.861484	0.724079	0.784702	0.87189	0.835386	0.839495	0.757806	0.872239	0.792138	0.868169
0.782892	0.732403	0.657866	0.632496	0.810734	0.781801	0.698887	0.863024	0.727746	0.690242
0.695495	0.823726	0.692737	0.717848	0.750508	0.744581	0.767984	0.686568	0.660708	0.868169
0.655821	0.701586	1.014625	0.983539	0.627341	0.755149	0.925349	0.738097	0.814196	0.898444
0.859192	0.765574	0.97056	0.8199	0.759674	0.68912	0.819619	0.821739	0.906696	0.90476
1.012426	0.932794	0.620211	0.768714	0.946647	0.886312	0.953119	0.857363	0.910531	1.106889
0.88752	1.000461	0.66744	0.765883	0.91373	0.844941	0.801043	0.759114	0.843995	1.679868
0.718015	1.000461	0.917119	0.902993	0.753237	0.911122	0.881868	0.742392	0.765593	0.898444

0.769676	1.097854	1.253706	1.163748	0.801456	0.794301	0.8123	0.863024	1.004804	0.765514
0.849028	0.795617	0.813956	0.937893	0.849965	0.862844	1.02466	0.888852	0.778663	0.823733
0.933809	0.67208	0.800598	0.861216	0.928508	0.929372	0.99367	0.788818	0.848424	1.064444
0.981064	0.724079	0.944425	0.761206	0.830997	0.956851	0.710213	0.746731	0.874806	1.014166
1.210975	1.011506	1.167968	0.974321	0.970065	0.916258	0.889231	0.829055	0.752013	0.793157
1.053318	1.037859	0.915798	1.080557	0.925783	1.299217	0.943196	0.942881	0.83527	0.820577
0.677831	0.763763	0.821322	0.983539	0.83649	1.080751	0.9446	0.76818	0.962287	0.822679
0.706609	0.762861	0.888942	0.847381	1.019379	0.784654	0.73989	0.761814	0.922243	0.920306
0.879065	0.871938	0.800598	0.738544	0.82235	0.724188	0.861658	0.921498	0.73971	0.985655
0.944801	0.768303	0.828816	0.686972	0.862695	0.795277	0.877027	0.798533	0.682937	0.950337
0.701016	0.894534	0.879132	0.746567	0.800438	0.839495	0.844574	0.755539	0.667258	0.820577
0.72551	0.958893	0.834248	0.918753	0.917711	0.671857	0.706946	0.955388	0.822504	0.999677
0.851267	0.97918	0.74466	0.977372	0.833186	0.703917	0.773638	0.854001	0.94946	1.089021
0.805518	0.766482	0.708818	0.829594	0.91638	0.904785	0.860498	0.693456	0.838522	0.932341
0.81162	0.86504	0.694319	0.928218	0.96261	0.764155	0.891714	0.709163	0.726904	1.014166
1.164725	0.964593	0.993609	1.07862	0.874601	0.777087	0.814379	0.809477	0.730282	1.046442
0.999608	0.871938	0.72044	1.04875	0.843175	0.694513	0.755981	0.945629	0.788245	0.876436
0.827259	0.877771	0.749131	0.823107	0.724115	0.761434	0.725222	0.961064	1.155912	0.837682
0.993339	0.96603	0.978108	0.971292	1.063679	0.954023	0.783228	0.723802	0.847312	0.818485
1.098465	1.103743	1.033238	1.031073	1.059964	0.958271	0.9677	0.800503	0.860842	0.943327
0.891194	0.819597	0.996777	0.936498	0.824496	1.020923	0.990533	1.047726	0.972533	0.947519
0.758659	0.680947	0.721282	0.790059	0.998013	1.017648	0.855888	1.015795	1.064568	0.797111
0.78098	0.730725	0.756381	0.937893	0.891837	0.76873	0.776493	0.775572	0.843995	0.831189
1.16704	0.968918	0.750932	0.946361	0.879456	0.861703	0.954556	0.717235	1.039667	1.241197
0.96183	0.853781	0.911858	0.629051	1.04185	1.362951	1.052589	0.817613	1.039667	1.015807
0.845693	0.866182	0.99519	0.901705	1.045413	1.006375	0.841237	0.9568	0.781515	0.787292
0.820935	0.832103	1.256588	1.166106	1.080802	0.823554	0.841237	0.871077	0.762843	0.821627
0.975055	0.816527	0.987342	0.981989	0.808655	0.870914	0.796021	0.833292	0.878368	1.136233
0.8696	0.890887	0.763755	0.708682	0.796386	0.805166	0.677085	0.993684	0.89539	1.174756
0.817808	1.188589	0.847571	0.773474	0.799421	1.056892	0.916034	0.832229	0.76193	1.144995
0.867265	1.006738	0.981164	1.072861	1.052628	0.854921	0.982788	0.759114	0.824606	0.864674
0.911334	1.095909	1.10447	1.04695	0.893095	0.744581	0.823858	0.981537	0.927552	0.892218
0.877871	0.983653	0.832067	0.752911	0.870995	0.805166	0.805103	0.94701	0.88196	0.878827
0.937898	0.939511	0.711282	0.72123	0.828819	0.908576	0.847938	0.691916	0.737118	1.115073
0.899891	0.811456	0.840859	0.845117	0.759674	0.843847	0.939012	0.648087	0.832043	1.186768
0.946195	0.954666	0.838644	1.096372	0.824496	0.738534	0.827064	0.780256	1.012854	0.939175
0.886302	0.893315	0.678756	0.960853	0.917711	0.88752	0.920002	0.941513	0.978497	0.906035
0.942027	0.721612	0.747337	1.045157	0.880678	0.752483	0.767049	0.714798	0.720226	0.897191
0.764133	0.730725	0.75003	0.908183	0.838707	0.907309	0.593732	0.6166	0.960843	0.861207
1.03581	0.877771	1.031513	0.901705	0.777642	0.812225	0.65705	0.692685	0.860842	0.810218
1.049759	0.863901	0.940218	1.038058	0.83982	0.9124	0.869866	0.925428	0.786312	0.783425
0.735707	0.701586	0.900249	1.125513	0.891837	1.044569	0.873432	0.752878	0.76193	0.765514
0.8326	0.814491	0.944425	1.017432	1.019379	0.823554	0.846814	0.885238	0.915697	0.950337
0.913919	1.099808	1.058143	0.747467	1.337941	0.990763	0.866329	0.926746	0.923564	0.882438
1.137864	1.05518	0.990464	0.763071	0.973083	1.060479	0.895465	0.763623	0.673164	0.872874
0.932454	0.764667	1.047294	0.94352	0.99962	1.408629	0.953119	0.793648	0.817293	1.170043
0.825141	0.900681	0.860154	0.867113	0.890583	0.817338	0.763328	1.015795	0.992226	0.90988

0.96183	1.034476	0.71876	0.972804	1.213705	0.710301	0.841237	1.107455	1.397416	0.954598
1.051535	0.944961	0.7619	0.695686	0.867418	0.99694	1.019617	0.829055	0.9969	1.089021
0.984101	0.968918	0.857839	0.737662	0.961134	0.858299	1.047214	0.746731	0.830973	0.906035
0.817808	1.076921	0.726369	0.830685	0.958198	0.792354	0.853602	0.840807	0.695275	0.948926
0.841284	0.889678	0.849832	0.975844	0.900719	0.794301	1.009704	0.920196	0.771146	1.075615
1.039255	0.827895	0.856686	0.904285	0.801456	0.965445	0.916034	0.828003	0.948058	0.947519
0.783852	0.75927	0.692737	0.835075	0.838707	0.869752	0.824924	0.86531	0.975505	0.791193
0.821983	0.806444	0.729794	0.977372	0.940985	0.754258	0.807147	0.814544	0.941114	1.079403
0.898638	0.838494	0.7619	0.94352	0.767149	0.801184	0.796021	0.757323	1.138205	0.947519
1.110525	0.857128	0.95875	0.909491	0.68108	0.807171	0.871051	0.70677	0.963736	0.691019
0.931104	0.704729	0.7619	0.905581	0.795379	0.80317	0.831376	0.826953	0.746697	0.710916
1.112568	0.813477	0.888942	1.173256	0.862695	0.683037	0.789086	0.880466	0.780562	0.838774
1.094518	0.951871	1.024679	0.997742	0.749602	0.82986	0.743415	0.816588	0.955114	0.839869
0.806529	0.940867	0.990464	0.735026	0.838707	1.222225	1.003219	0.933396	1.066402	0.865836
0.81677	0.711884	0.834248	1.034552	0.96261	1.000063	1.133621	0.94015	0.652125	0.73348
0.806529	0.716721	0.943018	1.1045	0.948074	0.873248	0.796021	0.835426	0.762843	0.864674
0.856913	0.840645	1.116868	0.796067	0.731866	0.841665	0.753257	0.849558	0.955114	0.8873
0.81677	1.046433	1.022987	0.851944	0.912411	1.0309	0.889231	1.181449	0.870101	0.843169
0.69393	0.908175	0.873112	0.901705	1.108856	0.835186	1.074782	0.958217	0.730282	0.902223
0.798506	0.960311	0.82345	1.020802	1.366953	0.800194	0.930763	0.825905	0.731981	0.80513
0.879065	0.963161	0.871918	0.879154	0.949506	0.686829	0.785172	0.79171	0.962287	1.073733
1.037529	0.95607	0.858995	0.947789	1.098628	0.744581	0.743415	0.829055	1.158177	1.25809
1.229338	0.901921	0.817097	0.897865	0.90329	0.85943	1.003219	0.759114	0.833116	1.184339
0.788682	0.882495	0.952963	1.031073	0.737991	0.909847	1.040148	0.781199	0.74494	1.046442
0.867265	0.994273	1.092417	0.902993	0.762462	0.8194	0.929403	0.77186	0.892917	1.117143
1.009186	0.924867	0.738477	0.886542	0.976122	0.968348	1.10422	1.253551	1.342013	1.156201
1.051535	0.781275	0.926482	1.112784	1.098628	1.035975	1.02466	0.90112	1.073819	1.206707
0.960385	0.876598	1.204857	1.000962	0.819151	0.992299	0.816468	0.675327	1.073819	1.127645
1.183602	0.980666	0.936051	0.829594	0.752326	0.831983	0.776493	0.78978	1.001625	0.890983
0.891194	1.017946	0.836441	1.032809	0.802477	0.70471	0.885534	0.722151	0.815226	0.753672
0.842382	0.866182	0.885237	1.288123	1.049005	0.812225	0.756893	0.690381	0.962287	0.833343
0.812645	0.871938	0.941616	0.828506	0.723262	0.873248	0.674813	0.854001	1.110887	0.936428
1.010803	0.896983	0.944425	0.850799	0.713158	0.834116	0.787124	0.744122	0.89539	0.907313
0.96183	0.782217	0.926482	1.149866	0.755984	0.83092	0.900516	1.022325	0.852898	0.743898
0.759567	0.909436	1.086514	1.100417	0.900719	0.932043	0.79007	0.880466	1.046637	0.758189
0.81162	0.983653	1.074942	0.877935	1.334447	0.926717	0.793035	0.823817	1.064568	0.80513
0.95751	0.905662	0.837541	0.862389	1.211077	1.053335	1.140188	0.882846	0.788245	0.976553
0.680852	0.680947	0.807739	0.7812	0.785436	1.328245	1.36295	0.857363	0.681419	1.174756
0.723833	0.852671	0.966094	0.848517	0.801456	0.97274	0.925349	0.805466	0.742317	0.864674
1.125031	1.123969	0.880346	1.123366	1.073108	0.894835	0.835731	1.162871	0.806045	0.888524
0.970602	1.021202	0.724667	0.776355	0.929877	0.812225	0.824924	1.095612	1.070095	1.089021
0.858051	0.899445	0.802626	0.820967	1.04185	0.965445	0.988973	0.860751	0.789215	1.092929
0.940646	1.140856	0.97056	0.900421	1.027885	0.851569	0.765185	0.759114	0.748462	0.921627
0.97655	0.947712	0.941616	1.034552	0.797395	0.679278	0.773638	0.849558	0.73971	1.044682
1.188452	0.944961	0.858995	0.968284	0.825572	0.974213	0.866329	0.859618	0.94946	1.073733
0.786744	0.99274	0.802626	1.041593	0.846557	0.981658	0.851327	0.750233	1.094892	1.39933
0.638295	0.924867	0.747337	1.129841	1.009387	0.748075	0.77554	0.798533	0.902894	0.872874

0.861484	0.886072	0.738477	0.774432	0.647616	0.670388	0.87224	0.73554	0.816258	0.953173
0.984101	0.734931	0.706367	0.589704	0.623939	0.784654	1.009704	0.928068	0.77395	0.956027
0.907486	0.760165	0.668185	0.849656	0.859186	0.820435	0.741649	0.841891	0.880759	0.757282
0.967658	0.86504	0.849832	1.218821	1.05445	0.88271	0.693333	0.690381	0.943879	0.976553
0.8949	0.940867	1.052685	1.017432	0.713158	0.916258	0.757806	0.806465	1.283691	1.048209
0.824086	0.827895	0.975073	0.755658	0.805555	0.922766	0.984326	0.860751	1.006402	0.837682
0.799501	0.690762	0.877921	0.877935	0.902002	0.856044	0.863987	0.859618	0.693713	0.661693
0.881464	0.638996	0.836441	1.173256	1.263936	0.821472	0.760558	0.844068	0.889234	0.994952
0.993339	0.773815	0.770311	0.910802	0.827734	0.920151	0.743415	0.926746	0.957969	0.976553
0.733135	0.828943	0.796569	0.597294	0.843175	1.263304	0.933495	0.764531	0.799036	0.917676
0.717191	0.773815	0.825588	0.67997	0.784454	0.791384	0.839026	0.882846	0.666525	0.849846
0.769676	0.769217	0.934671	0.856555	0.904581	0.711912	0.756893	0.941513	0.868933	0.787292
0.902408	0.85825	1.011325	0.850799	0.994818	0.870914	0.737265	0.894942	0.922243	0.80513
1.20082	1.126044	0.915798	0.858879	1.363219	0.990763	0.755981	0.790744	0.993778	0.999677
1.064172	1.113738	0.867174	0.953546	1.088634	0.978665	0.811265	0.86531	0.717747	0.991831
0.761387	0.886072	1.140559	1.043371	1.110931	0.822512	1.014632	0.894942	0.749347	0.888524
0.913919	0.920958	0.937436	0.799103	0.888085	0.873248	0.871051	0.898638	0.794098	1.027465
0.923088	1.034476	0.755468	0.762137	0.952384	0.85943	0.969186	1.032308	0.827778	0.897191
1.100451	1.065915	0.910553	0.937893	0.952384	0.913682	0.951688	0.897403	0.750234	0.802106
1.018979	1.276134	1.076849	1.123366	0.791375	0.813242	1.048998	0.709963	0.794098	0.963247
0.925743	1.239513	0.99837	0.905581	0.811777	0.754258	0.806124	0.744122	0.866606	0.96911
1.051535	0.898212	0.674194	0.983539	0.732735	0.751598	0.863987	0.869917	0.812144	1.064444
1.025633	0.811456	0.647785	1.094363	1.073108	0.751598	0.859341	0.984542	0.795081	1.441009
0.740897	1.078783	0.840859	0.887785	0.93125	0.97274	0.809201	0.803474	0.848424	1.064444
0.793566	1.097854	1.096398	0.774432	0.73448	0.863988	0.930763	1.023973	0.860842	0.763671
0.845693	0.74693	0.758213	1.019114	1.100654	0.989232	1.381773	1.014178	0.89539	0.815367
0.990237	0.729054	0.82345	1.094363	1.043628	0.85717	0.891714	0.760012	0.784387	0.916367
0.937898	0.918371	1.160952	0.936498	0.772841	1.029221	0.887995	0.757323	0.867768	0.976553
1.216143	1.056951	0.947252	0.867113	0.704098	0.847139	0.921332	0.810486	1.11498	0.922952
0.936531	0.808442	0.703122	0.928218	0.648333	0.813242	0.932127	0.948395	0.989137	0.82585
0.802499	0.712687	0.783728	1.134212	0.843175	0.753369	0.839026	0.842978	0.790187	0.860058
0.933809	0.915799	0.921107	0.959381	1.106791	1.053335	0.730343	0.72546	0.842895	0.920306
1.21875	1.492609	0.87551	0.800119	0.83649	0.94565	0.716819	0.755539	0.827778	0.921627
0.779075	0.812465	0.993609	0.885302	0.729267	1.041111	0.767984	0.86531	0.754695	0.861207
0.634192	0.74693	1.356981	1.224192	0.779578	0.958271	0.857036	0.857363	0.849538	0.839869
0.813673	0.818571	1.078765	0.837286	1.05445	0.840579	0.673305	0.94015	1.022716	0.8133
1.106467	1.011506	0.888942	0.670051	0.812823	0.797237	0.677845	0.738953	0.974016	1.007667
0.866103	0.884876	0.833156	0.671562	0.692833	0.809186	0.847938	0.95398	0.731131	0.890983
0.847914	0.871938	0.840859	0.765883	0.801456	0.962561	0.845693	1.023973	0.834192	0.768294
1.07908	0.919662	0.95875	1.163748	1.016023	0.872079	0.732063	0.929394	0.730282	0.808176
0.911334	0.828943	0.668932	0.9521	1.052628	0.742845	0.748756	0.849558	0.798044	0.792174
0.569202	0.831047	0.701508	0.745668	0.985369	1.110014	1.116577	0.744499	0.712019	0.916367
0.630127	0.971825	0.957296	0.839509	0.956737	0.928043	0.905628	0.767265	0.724388	0.794142
0.661582	0.768303	0.862481	1.094363	0.929877	0.671857	0.780329	0.838647	0.654255	0.768294
0.912625	0.91197	0.722126	0.944938	0.961134	0.808177	0.897983	1.087892	0.888013	0.833343
0.856913	0.943592	0.699098	0.808338	1.136637	1.05511	1.061699	0.848454	1.4564	1.068136
0.76782	0.95607	0.833156	1.038058	1.341464	1.000063	1.028054	0.743257	0.803027	1.102855

0.97655	0.98969	0.8487	1.010769	1.024462	0.742845	0.934868	0.793648	0.747579	1.05535
1.125031	0.86504	1.019623	1.269734	0.885602	0.758729	0.917353	0.90112	0.68446	0.749202
1.025633	0.813477	0.832067	1.027623	0.889332	0.908576	0.866329	0.885238	0.913106	0.696499
1.051535	0.934129	0.850967	1.235138	1.090615	1.014397	1.012984	0.787858	0.900378	0.926951
0.920448	0.918371	0.825588	0.897865	0.946647	0.89854	0.99367	0.723802	0.992226	1.372366
1.162422	0.778463	0.910553	0.839509	0.724115	0.965445	1.233321	0.942881	1.131747	1.306637
1.075305	0.859374	0.763755	0.972804	0.973083	1.145752	0.904344	0.891278	1.183905	0.773906
1.393431	0.84498	0.773151	1.140852	0.874601	0.94427	0.855888	0.811497	0.861988	0.823733
1.331586	1.23682	0.955847	0.910802	0.802477	1.150157	1.058032	0.722976	0.889234	0.746542
0.931104	1.186193	1.014625	0.817775	0.8443	1.189518	0.99367	0.879281	0.868933	0.8873
0.806529	0.828943	0.921107	0.817775	1.009387	1.019282	0.770802	0.95398	0.777716	0.710102
0.893661	0.652069	0.881564	0.939293	0.99962	1.0309	0.779367	0.863024	0.784387	0.90476
0.96328	0.70869	0.854389	0.854243	0.755067	1.17055	0.895465	0.766351	0.77395	0.90476
0.801498	0.908175	0.993609	0.692497	0.705731	1.065914	0.873432	0.918898	0.911817	0.941938
0.83692	0.772892	0.900249	0.767769	0.862695	0.879138	0.667323	0.993684	0.860842	0.957462
0.845693	0.851564	1.15177	1.102454	1.20329	0.801184	0.697293	0.728794	0.745818	1.100851
0.944801	0.827895	0.944425	0.989794	0.97765	0.904785	0.737265	0.839726	0.720226	0.946117
0.973565	0.935468	0.978108	0.751089	0.943807	1.124375	0.939012	1.052989	1.012854	0.763671
0.862634	0.899445	0.918444	0.918753	0.86505	0.771498	0.851327	0.882846	0.935638	0.752774
1.265648	0.894534	1.175099	0.925492	0.8534	0.728359	0.897983	0.842978	0.764674	0.703647
1.83614	1.145183	0.914481	0.650868	0.99962	0.856044	0.822794	0.902366	0.863138	0.941938
0.996462	0.985154	0.779852	0.700514	0.961134	1.096112	0.831376	1.047726	1.146968	1.189211
0.715546	0.794646	0.861316	0.922784	0.868607	0.814263	1.127151	0.781199	0.790187	0.761836
0.770607	0.96603	0.857839	0.999349	0.812823	0.777087	0.917353	0.769097	0.744064	0.82585
0.98258	1.037859	0.787639	0.661092	0.735355	0.794301	0.854744	1.051228	0.974016	0.850969
0.908765	0.831047	0.695906	0.695686	0.760602	0.840579	0.858187	0.936085	0.842895	0.918989
0.77435	0.763763	0.733247	0.753825	0.781522	0.733416	0.885534	0.700454	0.698415	1.303439
0.796524	0.973286	0.846445	1.116986	0.815976	0.773353	0.936245	0.716421	0.827778	1.02243
0.838007	0.928812	0.779852	0.959381	0.869799	0.770573	1.094184	0.828003	1.001625	0.848726
1.155585	0.961733	0.798579	0.814607	0.996412	0.89854	1.443696	1.145054	1.133889	0.8873
1.203337	1.090125	1.140559	0.886542	0.905876	1.21962	0.960349	0.897403	0.837435	0.881231
1.535543	1.195857	1.445591	1.116986	0.796386	0.980159	0.801043	0.786901	0.814196	1.032559
1.012426	0.938159	0.865996	0.926853	0.696823	0.767811	0.916034	1.006181	0.983025	0.8873
0.917825	0.718345	0.68414	1.07862	0.733607	0.928043	0.933495	0.981537	0.904158	0.853223
0.972081	0.862765	0.799587	0.949221	0.921728	0.956851	0.817516	0.712374	0.877177	0.893456
1.58732	1.097854	1.011325	0.877935	1.092604	1.105996	0.79007	0.751113	0.976998	0.963247
1.144425	0.949094	0.845322	0.909491	0.920385	0.928043	0.875825	0.831169	1.043138	1.02243
0.858051	0.742606	0.918444	0.905581	0.686525	0.913682	1.120776	1.093669	1.060922	0.874058
0.826199	0.834223	0.988901	0.771564	0.874601	0.941523	0.814379	0.820704	0.976998	0.750985
0.850146	1.044705	1.202298	0.737662	1.076938	0.913682	0.79007	0.860751	1.026054	0.880027
0.906211	0.86504	1.189724	0.849656	0.833186	1.165935	0.990533	0.995227	0.990679	1.066286
0.798506	0.773815	1.277315	0.996141	0.946647	1.254771	1.022972	0.975588	0.910531	0.880027
0.773411	0.734931	0.945836	0.974321	1.15466	0.920151	0.784199	0.857363	0.867768	0.773906
0.851267	0.799523	0.914481	0.846248	1.104736	0.715966	0.795023	0.892496	0.955114	0.883648
1.034097	1.071383	0.975073	0.820967	0.852252	0.825646	1.071004	0.764531	0.673164	0.961793
0.759567	0.903165	0.954403	0.847381	1.110931	0.914968	1.022972	0.858489	0.858557	1.019106
0.618813	0.922257	1.098402	1.045157	1.011037	0.71434	0.713503	1.065524	0.9969	0.996522

0.728882	0.917083	0.799587	0.992956	0.980721	0.642001	0.748756	1.121693	0.983025	1.042929
1.040988	0.889678	0.783728	1.000962	1.009387	0.817338	0.936245	0.750233	0.884371	1.255228
0.76782	0.861632	0.688027	0.782175	1.258059	0.966894	0.781293	0.615954	0.712019	0.921627
0.826199	0.946334	1.00805	0.810418	0.928508	0.740253	0.742531	0.78978	0.661431	0.799102
1.07908	0.829994	0.90537	0.950658	0.814922	0.771498	0.821733	1.006181	0.962287	1.110962
0.999608	0.922257	0.800598	0.977372	0.835386	0.889944	0.817516	0.740669	0.794098	0.766439
0.809576	1.000461	0.828816	1.102454	0.834285	0.805166	0.96622	0.917604	0.713648	0.806143
0.766896	1.086311	0.864821	1.04695	1.086663	0.883907	0.886763	0.926746	0.732833	1.123414
0.948996	0.85046	0.993609	1.015757	0.736232	0.76053	0.886763	0.934739	0.873625	1.346978
1.100451	0.86504	0.976588	0.823107	0.668133	0.756935	0.861658	0.922804	1.090984	0.87763
0.853516	0.953266	0.827737	0.895323	0.915053	1.001632	1.065397	0.857363	1.667141	0.957462
0.779075	0.922257	0.825588	1.123366	0.976122	0.971271	0.954556	0.763623	1.149187	1.142788
0.810597	0.775668	0.86365	0.772518	0.615217	0.903529	1.014632	0.949785	1.119111	1.05535
0.834755	0.721612	0.900249	0.858879	0.700041	0.849348	0.861658	0.880466	0.756492	0.549534
0.8326	0.821657	0.803644	1.069063	0.932627	0.913682	0.71433	0.882846	0.846204	0.599475
1.21875	0.960311	0.864821	1.08642	0.821281	0.743712	0.721841	0.782144	0.842895	0.785354
0.853516	0.947712	0.927836	0.740314	0.609279	0.724188	0.806124	0.839726	1.031109	1.094896
0.763216	0.729054	0.849832	0.75474	0.860353	0.951214	0.975179	0.97118	0.930231	1.13407
0.808558	0.630273	0.83975	1.057866	1.198174	1.062283	0.901789	1.006181	0.738844	0.796119
0.733135	0.741747	1.011325	0.90688	0.988496	0.876772	0.73379	0.828003	0.812144	0.764592
0.902408	0.801489	0.895187	0.765883	0.872193	0.977176	0.677845	0.880466	0.960843	0.9826
0.998032	0.870781	0.816048	0.805238	0.988496	1.120223	0.995247	0.904868	0.943879	0.832264
0.920448	0.851564	0.982701	0.896592	0.875809	0.842755	1.016288	0.839726	0.791162	0.807158
0.840189	0.841725	1.41539	1.341347	1.029606	0.926717	0.940403	0.813526	0.920926	0.991831
0.881464	0.82269	1.009684	1.090374	0.912411	0.85943	0.763328	1.045985	1.05911	1.060783
1.017332	0.982157	0.759132	0.802159	1.145555	0.933385	0.778407	0.869917	0.941114	0.889752
0.784814	0.932794	0.759132	0.770612	0.945224	0.881516	0.853602	0.76818	0.738844	0.936428
0.796524	1.073221	0.941616	0.918753	0.821281	0.675552	0.853602	0.916313	0.781515	0.880027
0.924413	0.862765	0.741999	0.753825	0.796386	0.671121	0.906915	0.835426	0.900378	0.843169
0.954654	0.810449	0.722126	0.743876	1.136637	0.757831	0.820675	0.894942	0.827778	0.871693
0.862634	0.887271	0.898978	0.953546	1.090615	0.981658	0.992098	0.807467	0.737981	1.057153
0.75685	1.05166	0.907954	1.180526	0.838707	0.987706	0.950261	0.773712	0.70878	0.961793
0.855778	1.042983	0.737601	0.793053	0.792372	0.735968	0.748756	0.738097	0.761019	0.763671
0.942027	0.713491	0.760975	0.940697	0.753237	0.699189	0.933495	0.90112	0.824606	0.710916
1.106467	0.881309	0.917119	0.924136	0.880678	0.743712	0.992098	0.817613	0.814196	0.797111
0.943412	1.041268	1.123202	0.977372	0.773797	0.76053	0.677085	0.814544	1.037942	1.001263
1.174061	0.95607	0.785679	0.920093	0.715662	0.635186	0.671052	0.864165	0.918304	0.792174
0.879065	0.770133	0.764685	1.074772	0.880678	0.892383	0.900516	0.818641	0.747579	0.760009
0.79455	0.705518	0.83975	0.971292	0.917711	1.116111	0.889231	0.723802	0.851776	0.801102
0.70822	0.795617	0.940218	0.809377	0.891837	1.114069	0.707761	0.784041	1.125383	0.860058
1.077188	0.789823	1.133968	0.864745	0.915053	0.89854	0.773638	0.864165	1.021057	0.837682
1.271514	0.861632	0.990464	0.787086	0.62871	0.969807	0.895465	0.912465	0.858557	0.948926
0.78098	0.841725	0.95875	0.731535	0.656291	0.922766	0.817516	0.732998	0.766514	0.784388
0.817808	0.84498	0.870727	0.751999	0.810734	0.769651	0.677845	0.746731	0.798044	0.906035
1.331586	1.138709	0.788622	0.988222	0.950943	0.748953	0.755071	0.795596	0.735399	0.960345
0.868431	0.859374	0.806712	0.77732	0.84769	0.815285	0.766116	0.856239	0.720226	0.913761
0.72551	0.744331	0.868355	0.862389	0.872193	0.868593	0.709394	0.875746	0.720226	0.91117

0.835836	0.758376	0.775055	0.845117	0.86505	0.639262	0.655602	0.962495	0.76011	0.929638
0.831527	0.763763	0.628982	0.767769	0.925783	0.744581	0.653439	0.737243	0.902894	0.888524
0.775291	0.686961	0.703122	0.746567	0.893095	0.933385	0.847938	0.762717	0.630034	0.791193
0.751467	0.884876	0.768428	0.854243	1.034811	0.83092	0.740769	0.652276	0.682937	0.844275
0.799501	0.875429	1.040209	1.159071	0.869799	0.710301	0.885534	0.792678	0.757394	1.039445
0.96328	0.866182	0.790595	0.895323	0.756904	0.62318	0.752353	0.74153	0.805037	0.824791
0.683894	0.732403	0.681055	0.799103	0.711496	0.696845	0.791056	0.637788	0.803027	0.900959
0.800498	0.943592	0.821322	0.946361	0.800438	0.838414	0.889231	0.766351	0.726064	0.933699
0.958945	1.026132	1.054497	0.838396	0.603422	0.642689	0.957443	0.77186	0.826718	1.184339
1.112568	0.870781	0.967577	0.782175	0.645474	0.81631	0.912102	0.909918	0.989137	0.985655
1.030692	0.805449	0.803644	0.921436	0.775716	0.995388	0.835731	1.061906	1.053721	0.876436
1.009186	1.076921	0.967577	1.477373	0.948074	0.815285	0.808173	0.922804	0.852898	0.855489
0.978049	0.775668	0.836441	0.977372	1.014354	0.781801	0.933495	0.830111	0.768361	1.012532
1.08673	0.734087	0.783728	0.694089	0.888085	0.89854	0.957443	0.757323	0.763758	0.740398
0.854646	0.805449	0.755468	0.733277	0.858023	0.872079	0.753257	0.831169	0.866606	0.679504
0.917825	0.874262	0.812913	0.983539	0.740643	0.83092	0.762403	0.702812	0.871272	0.869341
0.953232	0.915799	0.886468	0.792053	0.727543	0.860565	0.913409	0.832229	1.11704	1.186768
0.781935	0.918371	0.813956	0.858879	0.935395	0.744581	0.96622	0.790744	0.960843	0.811243
0.786744	0.824764	0.892678	0.93096	1.038317	0.745452	0.785172	1.014178	0.919613	0.752774
0.85239	0.894534	1.054497	0.969785	0.919046	0.906045	0.717652	0.852886	0.888013	0.916367
1.01569	0.982157	0.807739	0.635273	0.804527	1.051568	0.768922	0.846256	1.024382	1.066286
0.920448	1.062307	0.786658	0.708682	0.967067	0.93608	0.8123	0.876921	0.88196	0.898444
0.835836	0.877771	0.844202	0.856555	0.991645	0.810196	0.875825	0.859618	0.699994	0.835507
0.970602	0.946334	1.033238	1.041593	1.052628	0.918849	0.716819	0.896171	0.975505	1.03427
0.944801	0.936812	0.892678	0.900421	1.444787	0.992299	0.807147	1.158347	0.89539	1.049983
0.761387	0.906917	0.743771	0.782175	0.950943	0.860565	0.906915	0.841891	0.724388	1.058965
0.773411	0.983653	1.033238	0.926853	0.761531	0.70471	1.074782	0.797552	0.771146	1.08708
0.975055	1.13233	1.056316	0.966787	0.764331	0.76053	0.96622	0.845161	1.022716	1.007667
1.11462	0.861632	0.816048	0.803183	0.814922	0.776151	1.172224	1.085984	1.196123	0.906035
0.921766	0.779398	0.83975	0.879154	1.04008	0.969807	0.982788	0.851774	0.82566	0.884862
0.888741	0.84498	0.938825	0.877935	0.781522	1.056892	0.850195	0.546896	0.750234	1.131918
1.00597	1.123969	0.975073	0.885302	0.811777	0.958271	0.886763	0.861886	1.070095	0.916367
0.915217	0.934129	0.907954	0.886542	0.856862	0.809186	1.114493	1.093669	1.11498	0.736061
1.004371	0.749545	0.89771	1.143088	1.327543	0.922766	0.969186	0.818641	1.011232	0.8997
1.012426	0.901921	0.943018	0.882832	0.950943	0.876772	0.741649	0.753763	0.916999	1.170043
1.142227	0.985154	0.923786	0.939293	0.895621	0.969807	0.796021	1.093669	0.987601	1.001263
1.203337	0.935468	0.909251	1.213516	0.961134	1.308679	0.811265	1.009362	1.146968	0.833343
0.944801	0.754822	1.073043	1.378261	1.166316	1.184698	0.9446	0.78978	1.070095	0.964705
0.97655	0.824764	0.870727	1.166106	1.398043	0.983162	0.990533	0.924114	1.05551	1.029156
0.85239	0.877771	1.052685	0.840625	0.889332	1.03768	1.29805	0.983037	0.746697	0.830116
0.8326	0.781275	1.26535	1.029344	1.031334	1.230136	1.078594	1.071009	0.916999	0.976553
0.862634	0.901921	1.308753	1.568608	1.366953	1.191948	0.863987	0.934739	0.901635	0.815367
0.879065	1.172088	1.03497	1.320616	1.086663	0.876772	0.950261	1.097564	0.890458	1.014166
1.014055	1.071383	0.881564	0.94352	0.958198	0.833048	1.261554	1.007769	0.838522	1.281685
0.990237	0.997356	1.043737	0.873092	1.229811	1.000063	0.857036	0.867607	0.682937	0.937799
1.069703	1.226212	1.033238	0.837286	1.18812	0.872079	0.817516	1.117577	0.905425	1.217031
1.451938	1.234144	0.742884	0.985094	1.012692	0.762339	1.063544	1.484763	1.140379	1.06261

1.014055	0.848259	0.727223	0.874298	1.075019	1.024223	0.955997	0.925428	1.043138	1.017453
0.856913	1.247694	0.870727	0.758423	1.243706	1.156849	0.925349	0.78978	0.89539	1.199123
0.944801	1.608356	1.154047	1.022497	1.211077	0.954023	0.853602	1.082191	0.886796	1.269727
1.176426	1.11172	1.033238	1.619224	0.872193	0.732569	1.008074	1.16515	0.926219	1.189211
1.122929	0.882495	0.747337	1.257893	1.007744	0.696066	0.810232	0.868761	1.196123	1.057153
0.916519	0.765574	0.828816	1.593179	1.297762	1.051568	0.9446	0.790744	1.26297	1.172393
0.898638	1.02945	1.004799	1.297618	1.297762	1.147949	1.059862	0.846256	1.121192	1.781965
1.151087	1.123969	1.125334	1.110698	0.90329	1.058682	1.00645	0.942881	1.024382	1.477495
1.34888	0.957479	1.040209	1.100417	1.05445	1.102015	1.261554	0.944253	1.075693	0.867001
1.229338	0.880127	0.891429	1.625986	1.398043	1.296108	1.0384	0.866457	1.167357	0.975054
1.425893	1.31613	1.379411	1.195441	0.781522	0.867437	0.897983	0.867607	1.49409	1.159001
0.978049	1.234144	1.534532	0.877935	0.724115	0.971271	0.901789	0.974114	1.667141	1.383718
0.964734	1.093972	1.15177	0.924136	0.985369	1.318352	1.548577	1.61123	1.05551	0.855489
1.090607	0.900681	1.29908	0.960853	1.359517	1.238193	0.87224	1.099524	1.133889	1.068136
1.869928	1.24495	1.436746	1.054196	1.027885	1.191948	0.808173	1.123765	1.705436	1.928937
1.23473	2.456242	1.031513	0.874298	0.935395	1.716944	1.270394	1.107455	1.308651	0.943327
0.8949	1.05166	0.976588	0.989794	1.453854	1.621998	1.687134	1.398515	0.873625	0.8133
0.999608	0.812465	0.988901	1.221498	1.517909	1.302348	1.116577	0.961064	0.995336	1.186768
1.270198	1.031119	1.094403	0.884065	1.260987	1.308679	1.074782	1.394622	1.618635	1.357678
1.451938	1.684064	0.888942	1.393953	1.351316	1.860793	1.867599	2.266747	0.992226	0.94472
0.870772	1.312919	1.593152	2.207026	2.667234	1.156849	1.57772	1.097564	0.837435	3.330661
1.946586	1.290564	1.388543	1.366854	1.613888	1.817543	1.337897	1.181449	1.484357	1.134098
1.268208	1.279386	1.487789	1.410233	2.439436	1.147949	0.9446	1.173246	1.177348	2.470323
1.581253	1.226212	1.15177	1.237918	1.127898	1.408629	1.273382	1.130043	1.165044	1.303439
0.98258	1.560556	1.862715	1.165032	0.84769	1.104324	1.117184	1.938302	1.147544	1.234241
1.345366	1.149946	1.03497	1.512652	1.178294	1.080751	1.110754	1.113969	1.130756	1.727923
1.19812	1.101771	0.856686	1.487164	1.129523	1.708857	1.273357	1.33327	1.1721	1.312005
1.946586	1.034476	1.03895	1.040069	1.427058	1.397006	1.537423	1.213444	1.451911	1.242053
1.052373	1.043424	1.041187	1.902375	1.366953	1.677933	0.975179	1.630814	1.123282	1.391454
2.322459	1.215892	1.379411	1.373182	1.147813	1.464219	2.485977	1.163314	1.143298	1.042929
1.612474	0.917083	2.519444	1.338624	1.830779	1.425742	1.44498	1.203346	1.093114	1.118206
2.322459	1.297212	1.247999	1.304066	1.387264	1.677933	1.355643	2.045361	1.14823	1.133218
1.270796	1.731697	1.339136	1.08642	1.435905	1.948701	1.443696	1.422133	2.256771	1.156574
1.199463	1.128129	1.507946	1.692116	1.278986	1.357445	1.400571	4.841935	1.164917	1.269727
1.881801	1.121987	1.120661	1.120992	1.137882	2.819607	0.9108	1.060108	1.175569	1.170243
1.115844	1.119335	1.121324	1.121158	1.232609	1.154607	0.91472	1.18622	1.784233	1.158865
1.116683	1.5175	2.346898	1.31061	1.427201	1.635321	1.117925	1.108755	1.147488	1.153177
0.81677	1.234144	1.333622	1.386036	1.157699	1.081244	1.099585	2.961121	1.128121	1.512146
1.14004	1.356634	1.283883	0.612946	0.766183	1.004788	1.531952	1.046544	1.21578	1.303439
1.336875	3.200179	1.225893	0.91942	0.689565	0.785337	0.993504	1.574528	1.131162	1.173471
1.49419	1.301261	2.014956	1.389976	0.804492	0.982219	1.85598	0.896171	1.032807	2.348673
1.265648	1.233632	1.267447	2.75632	1.159947	1.433405	1.181828	1.18047	1.179112	1.311221
1.201616	1.21765	1.243669	1.248688	1.071206	1.034277	1.590037	1.220615	1.563307	2.715237
1.201668	1.614718	1.253706	1.170033	1.263936	1.280889	1.259403	1.499315	1.434997	1.402839
1.52483	1.20999	1.096398	1.133216	1.190965	1.237916	1.390102	1.630814	1.37068	1.247342
1.218311	1.180205	0.548199	0.922486	2.439436	1.211896	3.489907	1.651323	2.929211	0.623671
1.150421	2.339841	0.815365	0.868925	1.029606	1.642139	1.257943	1.280967	1.292478	0.955197

1.300139	1.082531	1.163278	0.842145	0.949266	1.058093	1.1424	1.30399	1.286722	1.801584
1.295803	1.303427	1.05088	1.063865	1.074283	1.527984	1.041904	0.987568	1.27173	1.9713
1.300139	1.301783	1.076849	1.159071	1.0847	1.609071	1.318607	1.375661	1.151417	2.715237
1.546528	1.957705	2.928108	1.928929	1.080802	1.977473	1.261554	1.226406	1.112929	0.963247
1.208414	0.971825	1.967875	1.615016	1.661285	1.213744	1.012984	2.538739	1.039872	1.703231
1.632345	1.107713	1.568747	1.538082	1.507418	1.165935	1.000013	0.966816	1.21372	1.300644
1.378574	1.641143	1.423807	1.020802	1.143308	1.154621	1.238822	0.930724	2.22917	1.387569
1.393431	1.408619	1.507946	0.988222	1.106791	1.141392	1.314211	2.538739	1.229598	0.908595
0.883876	0.964593	1.851194	1.789582	1.348595	1.067741	0.834638	1.153871	1.208694	1.217031
0.958945	0.890887	1.096398	1.29443	1.049005	0.980159	1.045437	0.906125	1.251559	1.623091
1.698073	1.33591	0.815	0.758423	0.988496	1.578345	1.204248	1.076564	1.315121	0.903489
1.162422	1.288053	0.822385	1.04695	1.355845	1.21962	1.211986	1.065524	0.72859	1.08708
1.030692	1.05518	1.507946	2.181798	1.141073	0.718416	0.883086	0.78978	0.696842	0.90476
1.160131	0.938159	1.482893	0.761206	0.760602	0.697625	0.731202	0.981537	0.93428	1.051765
1.112568	1.032794	0.722971	0.747467	1.235316	0.876772	0.805103	0.941513	0.957969	0.807158
0.880263	0.908175	0.832067	0.847381	1.050813	1.224846	0.953119	0.896171	0.680662	0.677237
0.744392	1.036164	0.843085	0.994545	1.082747	0.929372	0.819619	1.004599	1.000044	1.03427
0.881464	1.044705	0.936051	0.830685	0.859186	0.896067	0.712678	1.058317	0.894152	0.883648
0.888741	1.109712	0.682595	0.720382	0.73448	0.896067	0.835731	1.004599	0.769287	0.714186
0.915217	0.953266	0.902802	0.8199	0.781522	0.861703	0.886763	0.850664	0.737118	0.916367
0.717191	0.935468	0.931924	0.940697	0.68888	0.647532	0.743415	0.747603	0.856285	0.947519
0.585929	0.807442	0.691161	0.653764	0.733607	0.6173	0.687849	0.698889	0.692158	0.791193
0.843483	0.649284	0.722971	0.762137	1.047206	0.711106	0.660691	0.662211	0.507668	0.522851
0.763216	0.629609	0.563909	0.749274	0.84769	0.688355	0.657776	0.682789	0.616777	0.650921
0.627439	0.732403	0.791585	0.980444	0.639112	0.68912	0.707761	0.578867	0.636818	0.673486
0.636923	0.818571	0.672684	0.743876	0.820215	0.617949	0.671802	0.597633	0.723552	0.789238
0.709838	0.662674	0.593654	0.610902	0.800438	0.608944	0.642784	0.753763	0.691382	0.574977
0.680095	0.556524	0.521993	0.554784	0.512736	0.569419	0.590609	0.521768	0.566877	0.572601
0.508078	0.485335	0.505272	0.632496	0.539794	0.484674	0.54684	0.550211	0.608372	0.542294
0.481422	0.534129	0.665212	0.495905	0.514313	0.526297	0.474929	0.434527	0.588351	0.514482
0.5163	0.489158	0.458194	0.480034	0.547682	0.489967	0.39542	0.471773	0.541997	0.503736
0.483822	0.493015	0.534971	0.505611	0.664398	0.625158	0.605163	0.759114	0.942494	0.855489
1.137864	1.060514	1.653661	1.599545	0.252805	0.126403	0.063201	0.031601	0.0158	0.0079
0.002138	0.001069	5.34E-04	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

120	121	122	123	124	125	126	127	128	129
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.563592	1.802073	0.563592	0.281796	0.140898
1.830094	0.455951	0.227976	0.642164	1.803095	1.626287	1.127184	1.291714	1.174438	1.178019
1.283532	0.911902	1.144285	1.110889	1.056352	1.16027	0.805548	1.086424	0.995928	0.696706
0.722221	0.753697	1.303182	1.00507	0.898744	1.038477	1.114604	0.804301	0.680657	0.614119
0.733465	0.762306	0.840082	0.878876	0.912817	0.720744	0.734586	0.66906	0.75427	0.644321
0.726511	0.872816	0.839001	0.680676	0.814349	0.767579	0.814774	0.734025	0.69975	0.64711
0.692525	0.58543	0.621093	0.703118	0.879056	0.783739	0.874671	0.936418	0.784827	0.578651
0.455686	0.733346	0.902883	0.870622	0.823779	0.888358	0.756674	0.800251	1.117661	0.904999
0.510279	0.886743	1.252757	1.006665	0.892495	0.646257	0.813739	0.874822	1.980133	1.01133
1.146089	1.083545	0.863438	0.752701	0.837773	0.864387	0.885509	1.078703	1.449568	1.239998
1.286652	1.61191	1.142109	0.937406	0.956556	0.877407	0.942777	0.749883	0.782853	1.030427
0.907947	1.514399	1.048721	0.785034	0.946605	0.690806	0.64958	0.787346	0.6342	0.953178
0.76621	0.815691	0.718972	0.931991	0.773805	0.688466	0.747703	0.954722	0.702197	0.775599
0.878829	0.894531	0.615246	0.72261	0.661317	0.635111	0.753963	0.7472	0.861444	0.710245
0.676864	0.922948	0.677585	0.794731	0.81747	0.673185	0.733725	0.735759	0.779908	0.801761
0.737868	0.885458	0.775785	0.880068	1.003594	0.765717	0.735448	0.670552	0.684566	0.906267
0.859667	0.79646	0.920765	0.909704	0.690708	0.700291	0.818939	0.634699	0.6349	0.786068
0.839074	0.680646	0.719792	0.825197	0.664976	0.656973	0.650289	0.678854	0.771193	0.585881
0.755019	0.702814	0.630346	0.830489	0.905084	0.681523	0.68192	0.688094	0.76928	0.745625
0.803683	0.579682	0.695839	0.723441	0.781425	0.631686	0.729448	0.758035	1.045274	0.815973
0.84583	0.78207	0.799781	0.937406	0.727293	0.949098	0.781862	0.617825	0.759838	0.66496
0.84583	0.962449	0.852159	0.923994	0.919367	1.110256	0.954052	0.818779	0.938741	0.666421
0.768104	0.63222	0.761999	0.765347	0.772862	0.840564	0.669138	0.722921	0.911417	0.822209
0.601504	0.642361	0.785225	0.857961	0.710652	0.602653	0.656002	0.964907	0.810291	0.803763
0.772875	0.745256	0.691203	0.674684	0.880261	0.824315	0.675858	0.753487	0.817697	0.707021

0.736101	0.897159	0.717336	0.65151	0.880261	0.700291	0.716863	0.775764	0.61371	0.740391
0.673798	0.616056	0.7575	0.92005	0.994084	0.742209	0.930433	1.058152	0.711288	0.792864
0.719668	0.758459	1.10271	0.862522	0.85678	0.740452	0.743287	1.110446	1.045274	0.908816
0.897596	0.93572	0.837922	0.77181	1.040364	0.928343	0.881866	1.042032	0.912744	0.85594
1.113368	1.282962	0.932661	0.923994	1.013317	1.029858	0.954052	0.752583	0.682217	0.966107
0.694122	0.7923	1.021578	1.40419	0.911519	0.783739	0.861782	0.706375	0.689304	0.921787
0.692525	0.928578	0.86688	0.765347	0.697783	0.747522	0.97903	0.708001	0.737982	0.732656
0.749529	0.756548	0.64599	0.748272	0.901269	0.828589	1.098379	0.950429	0.792814	0.838204
0.855006	0.68386	0.621747	0.758075	0.83668	0.87501	0.792558	0.645148	0.705481	0.961755
0.807822	0.791266	0.836846	1.006665	0.716404	0.973884	0.887955	0.848141	0.840704	0.793843
0.825868	1.009303	0.905393	0.886077	0.763542	0.740452	0.836007	0.841442	0.834005	0.645017
0.712095	0.758459	0.744274	1.242761	0.859072	0.799517	0.778037	0.662407	0.606433	0.64155
0.923951	0.671929	0.639801	0.753592	0.939634	0.73783	0.616848	0.681912	0.770235	0.812888
0.789498	0.864181	0.663659	0.564853	0.649812	0.859747	0.669138	0.748987	0.702197	0.696706
0.842439	0.840414	0.834701	0.643822	0.644172	0.701091	0.70063	0.797239	0.95017	0.634019
0.692525	0.634373	0.635048	0.769954	0.747254	0.777966	0.745931	0.635388	0.737982	0.678282
0.521427	0.655758	0.685856	0.862522	0.741958	0.752	0.691954	0.58103	0.680657	0.523194
0.58501	0.747118	0.950441	0.660776	0.668666	0.653372	0.638393	0.754393	0.75243	0.631987
0.727374	0.860532	0.888122	0.6473	0.571459	0.665003	0.91843	0.821945	0.679103	0.872076
0.729106	0.580953	0.741676	0.70791	0.536196	0.752	0.785721	0.791276	0.633501	0.679788
0.623383	0.575892	0.811788	0.699165	0.633106	0.659876	0.593199	0.764483	0.6342	0.670093
0.626111	0.727066	0.618485	0.610492	0.723073	0.574243	0.742409	0.833756	0.895812	0.783187
0.675328	0.783082	0.587745	0.572428	0.580439	0.560706	0.706243	0.77959	0.82091	0.808809
0.720517	0.753697	0.564745	0.632875	0.680689	0.683056	0.734586	0.674306	0.574202	0.483999
0.651471	0.862961	0.557342	0.563123	0.78918	0.73783	0.580933	0.684992	0.635601	0.61672
0.695726	0.727957	0.843343	0.73015	0.637223	0.706732	0.66252	0.768211	0.855582	0.642241
0.550328	0.555019	0.927333	0.952653	0.715578	0.810707	0.779945	0.650111	0.758905	0.568611
0.626111	0.51661	0.747761	0.676175	0.699371	0.762017	0.643951	0.638849	0.652045	0.670093
0.747714	0.681447	0.724745	0.692914	0.718062	0.688466	0.661063	0.655132	0.70796	0.736077
0.741422	0.886743	0.824136	0.744762	0.717232	0.664267	0.746816	0.693577	0.715484	0.719236
0.697335	0.7923	0.909185	0.781214	0.792125	0.80153	0.602632	0.796239	0.663863	0.704619
0.678405	0.725288	0.695839	0.754485	0.749034	0.708357	0.604543	0.708001	0.625202	0.789938
0.705473	0.835813	0.92338	0.648699	0.602779	0.624243	0.69904	0.69913	0.860265	0.765376
0.700572	0.89192	0.891765	0.750038	0.807154	0.639257	0.583967	0.77959	0.791808	0.794825
0.786518	0.762306	0.884509	0.845658	0.906364	0.667961	0.612274	0.789306	0.730062	0.726734
0.806784	0.879091	1.023225	0.784076	0.565575	0.607144	0.675106	0.781516	0.878288	0.85481
0.813053	1.041152	0.994483	0.812753	0.676141	0.711626	0.654567	0.936418	0.944418	0.97346
0.677633	0.875315	1.096804	0.753592	0.76911	1.016413	0.827389	0.905812	0.700564	0.649918
0.712095	0.709606	1.077675	0.972867	0.975666	0.815891	0.901658	0.907099	0.696509	0.745625
0.842439	0.83013	0.932661	0.760788	0.78918	0.702695	0.636327	0.817728	0.897092	1.042428
1.014228	0.979631	0.738237	0.710325	0.930058	0.637871	0.676611	0.771971	0.656439	0.846981
0.866754	1.077515	0.703677	0.77181	1.02663	0.845002	0.757581	0.679616	0.706306	1.16862
0.793504	0.906483	0.826229	0.972867	0.732413	0.759262	0.847026	0.703946	0.85909	1.047675
0.866754	1.069602	0.827279	0.902103	0.677651	0.646964	0.891649	0.829423	0.903545	0.651328
0.909258	0.901131	0.730596	1.022942	0.651233	0.848361	0.838189	0.80126	0.764533	0.700644
0.866754	0.767163	0.724745	1.021287	0.806135	0.846119	0.885509	0.824068	0.877063	0.810844
0.804714	0.766187	0.991404	0.725945	0.894984	0.900859	0.914501	1.063661	0.906153	0.967568

0.923951	0.848585	0.840082	0.752701	0.696991	0.761096	0.99915	1.021429	1.086847	0.620651
0.805748	0.824519	1.005436	0.959765	0.683747	0.807627	0.784753	0.838131	0.964893	0.726734
0.750439	0.750865	0.994483	1.089105	0.901269	0.80254	0.710297	0.754393	0.834005	0.741259
0.850394	0.804902	0.940777	0.77181	0.932773	0.845002	0.728597	0.848141	0.794834	0.824308
1.217332	1.009303	0.899146	0.739549	0.770045	0.792543	0.791575	0.770087	0.730935	1.012215
0.865565	0.790234	0.964631	0.767184	0.683747	0.987603	0.948378	0.978363	0.743344	0.794825
0.683841	0.691999	0.839001	0.832623	0.846614	0.864387	0.709483	0.943367	0.771193	0.739525
0.839074	0.760378	0.835772	1.050326	0.901269	0.65409	0.753963	0.995396	0.937333	0.794825
0.988261	0.978041	0.856636	0.794731	0.903809	0.840564	0.853774	0.699929	0.814507	0.924428
0.856166	0.771089	0.96898	0.810713	1.27221	1.004981	0.976016	0.90325	0.749684	0.818042
0.756864	0.89062	1.21266	0.869456	0.948013	0.917667	0.692736	0.819831	0.791808	0.813914
0.758717	0.843897	0.755713	0.92005	0.78918	0.700291	0.646756	0.741002	0.923501	0.811865
0.954916	0.793336	0.629679	0.900849	0.765391	0.803553	0.745931	0.683449	0.781869	1.120276
0.876387	0.750865	0.698176	0.903361	0.894984	0.947683	1.028643	0.743647	0.73181	0.940623
0.763385	0.881627	0.961756	0.871792	1.03173	0.894563	0.858332	0.719561	0.612378	0.990087
0.939157	0.894531	0.953242	0.807671	0.644873	0.653372	0.757581	0.753487	0.625888	0.8296
0.785529	0.989299	0.808755	0.740413	0.795089	0.866725	0.747703	0.813552	0.772153	0.608323
0.676095	0.817881	0.660783	0.793752	0.83668	0.881027	0.780903	0.738372	0.869784	0.654874
0.926676	0.914638	0.723088	0.860236	0.771921	0.672435	0.845911	0.769148	0.875841	0.778429
1.033025	0.867861	1.011821	0.989437	0.656967	0.854017	0.889183	0.946178	1.075109	1.120276
0.821554	0.692822	1.116813	1.142475	0.775698	1.009844	1.044176	0.969346	1.103009	0.868568
0.686192	0.590603	0.889333	1.070206	1.056352	1.061722	0.841482	0.894399	1.058075	0.875613
0.91855	0.706197	0.855512	1.00507	0.935504	0.943465	0.94417	0.916215	0.963398	1.056562
1.056343	0.986052	0.979301	0.734397	0.773805	1.110256	1.29053	1.006594	1.115537	1.128675
1.031282	0.91739	1.046974	0.706306	0.837773	0.907246	0.938623	1.324139	0.924864	0.888835
0.898876	0.757502	1.055781	0.966995	0.995654	0.939289	0.784753	1.212012	0.845228	0.915253
0.844697	0.764242	0.999143	0.918743	0.843277	0.863222	0.716863	0.90325	0.773115	0.985489
0.832421	0.841572	0.756605	0.743017	0.931413	0.89707	0.732009	0.993819	0.777956	0.93245
0.73522	1.03932	0.91558	0.862522	0.800075	0.776059	0.881866	0.871247	0.799925	0.656301
0.727374	0.979631	1.059354	1.052096	0.812281	0.65409	1.037204	0.759867	0.726588	0.824308
0.95346	1.012729	1.028206	0.875319	0.907647	0.809678	0.926395	0.878426	0.954535	1.007377
1.350644	1.095863	0.728079	0.84018	1.174112	0.940676	1.094416	1.19169	1.215104	0.911379
0.972786	0.914638	0.675356	0.859097	1.146529	1.140008	1.176701	0.88206	0.810291	0.893745
0.716286	0.817881	0.854392	1.038133	1.065495	0.846119	0.982066	0.786369	0.845228	0.809825
0.752265	1.035679	0.77672	0.878876	0.915425	0.733495	0.872299	0.904529	1.034594	0.947553
0.876387	0.907832	0.751277	0.75538	0.869537	0.837266	1.266423	0.817728	0.823065	0.963201
0.85733	0.709606	0.761096	0.790826	0.978681	0.819031	0.856047	0.729721	0.824147	0.827476
0.834627	0.795416	0.759294	0.880068	0.781425	0.89207	0.885509	0.684992	0.795848	0.881573
0.926676	0.932849	0.943516	1.027947	0.787228	0.659149	0.821036	0.888186	0.809243	0.740391
0.914543	0.804902	0.786181	1.048563	0.758045	0.769449	1.063948	0.723765	0.766426	0.726734
0.99621	0.690359	0.878552	1.149077	0.955121	0.773214	0.852642	0.634699	0.757045	0.74915
1.036532	1.061831	1.094852	0.828364	0.936876	1.008217	0.72437	0.705564	0.919435	0.809825
1.236433	0.911902	0.967526	0.769028	0.766317	0.900859	0.756674	0.77959	0.773115	0.742129
0.940567	0.827877	0.822054	0.735251	0.686827	0.847239	0.861782	0.865355	0.757974	0.714309
0.677633	0.728851	0.863438	0.758978	0.873082	0.838362	0.799504	0.676574	0.720574	0.735219
0.714605	0.760378	0.883311	1.073921	0.846614	0.812773	0.705437	0.861857	0.837342	0.788967
1.113368	1.083545	0.940777	0.799663	0.691489	0.679233	0.678878	0.845897	1.086847	0.850319

0.877607	1.054197	1.089051	0.668774	0.757135	0.881027	0.867593	1.014773	0.875841	0.838204
0.583146	0.766187	1.073949	0.867132	0.811251	1.001769	1.007144	0.917533	0.85442	0.681299
0.708771	0.764242	0.871511	1.274134	0.980197	0.71327	0.761229	1.001759	0.696509	0.681299
0.866754	0.927164	0.752161	0.803649	0.869537	0.633052	0.796514	0.936418	0.927604	0.718411
0.653653	0.820083	0.710855	0.666578	0.893738	0.876207	0.891649	0.805319	0.83958	0.903734
0.71043	0.968619	0.78906	0.765347	1.122696	0.972387	0.965628	0.802271	0.800951	0.948953
0.712095	0.86663	0.824136	0.834769	0.777599	0.734359	0.754865	0.708001	0.696509	0.901215
0.898876	0.78106	0.713274	0.815831	0.752616	0.863222	0.861782	0.94477	0.808198	0.720063
0.904036	0.833531	0.729755	0.845658	0.974165	1.004981	0.891649	0.860697	0.964893	0.798775
0.923951	0.87657	0.777657	1.081446	1.02663	0.918987	0.854909	0.717058	0.835115	0.739525
0.797547	0.957878	0.927333	0.945656	0.704975	0.845002	0.952627	0.717058	0.781869	0.666421
0.844697	0.691999	0.823094	1.027947	0.721396	0.777012	0.959801	0.754393	0.775045	0.822209
0.814106	0.677456	0.638438	0.769028	0.677651	0.692372	0.733725	0.802271	0.884466	0.735219
0.76621	0.846235	0.886914	0.836925	0.636534	0.838362	0.626814	0.889421	0.891997	0.64711
0.956378	0.869094	1.068418	1.006665	0.860222	0.780843	0.779945	0.874822	0.947284	0.8296
0.739641	0.832394	1.011821	0.861378	0.898744	1.031568	0.829528	0.867702	0.928981	0.803763
0.74681	0.853325	0.900388	0.823098	0.857924	0.922972	0.899134	0.914901	0.678328	0.652743
0.812001	0.696957	0.914294	0.743888	0.911519	0.753804	0.937247	0.841442	0.6342	0.733509
0.788503	0.731542	0.946273	0.806662	0.804106	0.884677	0.796514	0.785394	0.743344	0.74915
0.713767	0.93861	0.868033	0.888505	0.969696	0.91373	0.774245	1.031608	0.85095	0.726734
0.643564	1.005905	0.839001	0.825197	1.133367	0.758347	0.823143	0.889421	0.781869	0.868568
0.661748	0.802776	0.878552	0.984855	1.02159	0.706732	0.955482	0.80126	0.693292	0.971979
0.767156	0.810263	0.935349	0.725945	0.852232	0.763863	0.721017	0.880845	0.670655	0.903734
0.932179	0.864181	0.766546	0.834769	1.023264	0.679233	0.674356	0.961972	0.808198	0.801761
0.881285	0.979631	0.730596	0.82625	0.930058	0.782771	0.787664	0.866527	0.930362	0.769993
0.703833	0.902463	0.821016	0.78792	0.695412	0.917667	0.99915	0.718725	0.832899	0.817006
0.904036	1.077515	0.896672	0.830489	0.691489	0.924309	0.872299	0.715397	0.791808	0.833881
0.734342	0.698623	0.722261	1.014727	0.686055	0.697901	0.926395	0.794247	0.884466	0.977932
0.956378	0.681447	0.750396	1.017995	0.83668	0.837266	0.934509	0.729721	0.653505	0.956018
0.895046	0.853325	0.814842	0.997184	0.81747	1.216802	0.875862	0.709634	0.712124	0.911379
1.061907	1.012729	0.9838	0.961202	0.80512	0.979928	0.858332	0.849268	0.846366	0.741259
0.956378	0.815691	0.767461	0.889724	0.721396	0.797513	0.926395	0.693577	0.978585	0.66862
1.061907	0.655758	0.723915	0.966995	0.821666	0.734359	0.693519	0.66906	0.86619	0.676782
0.840193	0.77505	0.803747	0.756277	0.717232	0.701893	0.473763	0.631271	1.019051	0.674541
0.876387	0.92016	0.961756	0.720125	0.766317	0.650512	0.68192	0.868881	0.8498	0.762629
0.844697	0.802776	0.815865	0.871792	0.777599	0.915038	0.91843	1.011483	0.782853	0.903734
0.786518	0.706197	1.135646	1.024604	0.812281	0.982982	0.832755	0.907099	1.184253	0.963201
0.893777	0.875315	0.919463	0.747392	0.986314	0.691588	0.738914	0.995396	1.330381	1.076779
1.041846	1.061831	0.857762	0.778372	0.977171	0.731773	0.922394	1.184309	0.894537	1.128675
0.965251	0.929997	0.942144	0.801651	1.010052	1.146657	1.108449	1.100275	0.766426	0.971979
0.714605	1.173149	1.118866	0.870622	1.010052	1.108207	0.948378	1.008217	0.828501	0.851437
0.72565	1.048559	1.335832	1.000321	0.949425	0.743972	0.946971	1.049122	0.967899	1.103951
0.829132	0.974877	0.870349	1.034711	0.965272	0.679995	0.837097	1.049122	1.088835	1.042428
0.932179	0.87657	0.785225	0.797684	1.059986	0.87144	0.76676	0.659482	0.795848	1.120276
0.882518	1.028488	0.976327	0.886077	1.329353	0.762939	0.771423	0.664613	0.724861	0.921787
0.644277	0.884177	0.818948	1.112925	0.962347	0.73783	1.088538	0.907099	0.85095	1.027059
0.840193	0.794375	0.871511	1.265351	0.897487	0.760178	1.110491	1.036789	0.933137	0.896221

0.939157	0.843897	0.891765	0.909704	0.820613	0.857446	0.89413	0.901974	0.931747	0.809825
0.904036	1.119395	0.878552	0.96554	1.001994	1.186391	0.831677	0.619815	0.704657	0.936517
1.13712	1.299284	1.335832	0.977324	0.966741	0.940676	1.114604	0.678854	0.827408	1.128675
1.061907	0.962449	1.37483	0.92136	0.868362	0.8859	1.183913	0.809416	0.926232	0.84257
1.253502	0.845065	0.946273	0.922675	0.816427	0.759262	0.806564	1.086424	0.920786	0.758994
0.985121	0.750865	1.081434	1.129564	0.934136	0.925649	0.794531	0.840336	0.791808	0.808809
1.092847	0.726176	1.016672	0.907155	0.798074	0.881027	0.833837	0.796239	0.856748	0.880375
0.850394	0.746186	0.827279	0.77461	0.808174	0.962044	1.102379	0.866527	1.113424	0.785105
0.674562	0.827877	0.805743	0.790826	0.821666	1.004981	0.992859	0.85153	0.733564	0.804767
0.789498	0.768141	1.018301	0.900849	0.906364	0.77227	0.902925	0.922845	0.772153	0.860489
0.71882	0.784097	1.050475	1.027947	0.842171	0.665741	0.714389	0.817728	0.790803	0.808809
0.91855	0.825635	0.727243	0.652923	0.891256	0.738702	0.750375	0.826203	0.789802	0.796795
0.793504	0.788179	0.664381	0.711943	0.932773	0.826447	0.809624	0.704754	0.652045	0.940623
0.760578	0.875315	0.899146	0.918743	0.764466	0.736091	0.873483	0.714569	0.75427	0.896221
0.864379	1.356061	1.207583	1.096901	0.794099	0.626935	0.790594	0.798241	0.994322	0.764458
0.799583	0.918773	0.899146	0.806662	0.906364	0.752	1.060285	1.021429	0.807155	0.717588
1.073253	0.956365	0.749516	0.916141	0.894984	0.942069	1.007144	0.914901	0.744244	0.794825
0.954916	1.054197	0.991404	1.045058	0.828037	0.998581	0.910608	0.815635	0.767375	0.834957
0.914543	0.929997	0.855512	1.024604	0.798074	0.887127	0.817894	0.842552	0.83958	0.755388
0.863196	0.835813	0.652268	0.769028	0.690708	0.929696	0.885509	0.809416	0.801979	0.736936
1.080985	0.713906	0.676098	0.694469	0.58653	0.773214	0.834921	0.781516	0.715484	0.770922
0.871544	0.808111	0.723915	0.625507	0.651233	0.797513	0.684983	0.758035	0.970925	0.967568
0.897596	0.925754	0.879737	0.615007	0.926018	0.821136	0.682684	0.803285	0.942991	0.950357
0.982005	1.110689	0.896672	0.808683	0.853365	0.937905	0.97752	0.98141	0.832899	0.769065
0.633008	0.822295	0.939413	0.881263	0.823779	1.023083	0.983591	0.824068	0.872197	0.794825
0.660265	0.713042	0.736527	0.886077	0.892495	0.792543	0.637015	0.765412	0.945849	0.76814
0.764325	0.810263	0.80176	0.929309	0.926018	0.746632	0.70063	0.782482	0.766426	0.670093
0.877607	0.817881	0.785225	0.775547	0.825903	0.804568	0.917116	0.689654	0.709621	0.828537
0.613966	0.827877	0.704469	0.657904	0.869537	0.982982	0.900394	0.926873	0.788802	0.960313
0.636499	0.743402	0.763812	0.714382	0.747254	0.705113	0.887955	1.409423	0.805077	1.04417
0.999431	0.708751	0.858891	0.870622	0.740207	0.590693	0.799504	1.125098	0.886962	1.020399
0.852693	0.612621	0.597546	0.682187	0.804106	0.641346	0.864097	0.619151	0.930362	1.067473
0.642852	0.588009	0.521585	0.745637	1.038623	1.294181	0.955482	0.627194	0.694094	0.808809
0.72565	0.824519	0.743406	0.737825	0.760785	0.877407	0.819986	0.755301	0.692491	1.045919
1.084903	0.727957	0.871511	1.036418	0.765391	0.743972	0.790594	0.760787	0.778931	0.840382
0.875171	0.787154	0.790023	0.84787	0.875462	0.817981	0.737178	0.832669	1.00241	0.695922
0.905336	0.727066	0.854392	0.880068	0.833419	0.740452	0.732866	0.900702	0.957469	0.867404
1.191424	1.014452	0.919463	0.77181	0.658412	0.810707	0.862938	0.879634	1.30344	1.12656
0.828042	0.816785	1.187848	0.695248	0.660589	0.845002	0.859479	0.879634	1.092838	0.979433
0.855006	0.738802	0.935349	0.785034	0.812281	0.873817	0.826324	1.052711	0.934531	0.887617
0.884995	0.860532	0.880925	1.021287	0.936876	0.982982	0.859479	0.993819	0.832899	0.838204
0.952008	0.795416	0.991404	0.966995	0.788203	0.822193	0.729448	1.222541	0.953075	0.845874
0.787509	1.016182	1.050475	0.809697	0.864855	0.911125	0.824201	1.250037	1.020751	0.723386
0.692525	0.976456	0.919463	0.731844	0.919367	0.810707	0.837097	0.817728	0.748773	0.870903
0.768104	0.875315	0.982295	0.910984	0.897487	0.665003	0.787664	0.708001	0.70796	0.990087
0.889992	0.83126	1.06659	1.070206	0.868362	0.767579	0.765833	1.014773	1.031092	0.933802
0.802654	1.012729	0.829387	0.832623	1.169392	0.957685	0.889183	1.114582	0.855582	0.782231

0.841314	1.261096	0.934003	0.777428	0.915425	0.842778	0.799504	0.81668	0.667623	0.942
1.020969	1.05043	0.919463	1.016358	0.863692	0.803553	1.00876	0.663141	0.658653	0.899961
0.841314	1.077515	0.939413	0.808683	0.741958	0.714094	0.97752	0.789306	0.697317	0.774659
0.834627	0.822295	0.821016	0.942888	0.729846	0.690806	1.044176	0.899434	0.85442	0.709437
1.148361	0.719122	0.771141	1.068361	0.997231	0.89707	0.850387	0.818779	0.756118	0.820121
0.888737	0.804902	0.991404	0.842363	0.760785	0.899592	0.689618	0.650111	0.900952	0.944768
1.15294	1.104273	1.070254	0.830489	0.829108	0.911125	0.661791	0.718725	0.922141	0.927086
0.937753	0.947397	0.844435	0.843459	0.926018	1.026457	0.883077	1.078703	0.877063	0.885189
0.889992	0.742479	0.892987	1.079553	1.146529	1.181524	0.880659	0.811479	0.85442	0.781278
0.966747	0.940062	1.255567	0.994069	1.257586	0.925649	0.706243	0.793254	0.915408	0.673796
1.041846	0.990931	1.643421	0.815831	0.846614	0.862061	0.658164	0.789306	0.868583	0.933802
0.985121	0.795416	0.883311	0.70791	0.698576	0.84167	0.791575	0.960512	0.695703	0.990087
0.785529	0.748052	1.120928	0.92005	0.82484	0.89207	0.837097	1.003365	0.74155	0.762629
0.839074	0.762306	0.873846	0.84127	0.903809	0.920311	0.765833	0.905812	0.891997	0.947553
1.007589	1.102155	0.814842	0.657904	0.900005	0.755616	0.770486	0.946178	0.94157	0.823258
0.876387	1.110689	0.960325	0.723441	0.813314	0.734359	0.832755	1.001759	0.771193	0.883981
0.813053	1.21217	0.939413	0.700742	1.000401	1.028154	1.174324	1.054517	0.923501	0.875613
0.831322	0.89192	0.857762	0.808683	0.935504	0.761096	0.954052	1.058152	0.801979	0.964651
0.947682	0.894531	0.844435	1.039854	0.785285	0.656251	0.985122	0.98141	0.86619	0.886401
0.832421	0.875315	0.739953	0.791799	0.770982	0.796515	1.000737	0.717891	0.739762	0.961755
0.817283	0.771089	0.716521	0.772742	0.800075	0.924309	1.020248	0.891903	0.824147	0.880375
0.821554	1.158472	1.000708	1.008265	0.849976	0.782771	0.873483	0.888186	0.928981	0.807795
0.807822	0.927164	1.139944	0.958333	0.764466	0.928343	1.04948	0.812515	0.954535	1.022054
1.126162	0.808111	1.000708	0.949841	1.065495	1.137814	1.240812	1.035055	0.914074	0.63606
1.014228	0.838108	0.909185	0.889724	1.379658	1.074774	0.971533	1.004976	1.00899	0.756287
1.128331	0.93572	0.805743	1.03301	0.900005	0.860902	0.959801	0.810446	0.885712	0.788967
0.898876	1.359868	1.230912	0.892171	0.758045	1.008217	0.806564	0.741882	0.991129	0.943382
0.941981	0.748988	1.100732	0.763517	0.780465	0.935152	0.824201	0.835938	0.918089	0.954596
1.080985	0.766187	0.892987	0.765347	0.912817	1.004981	0.982066	1.061817	0.782853	0.809825
0.965251	0.864181	1.133513	0.93877	0.97267	0.946272	0.767689	0.891903	0.895812	0.794825
0.841314	0.893224	0.939413	0.894633	0.848852	0.976896	0.772362	1.140262	1.290571	1.16862
0.848106	1.021413	0.791957	0.778372	0.946605	1.110256	0.9132	0.972331	0.898375	0.876799
0.700572	0.78106	0.876193	1.026272	1.206114	0.964974	0.800506	0.715397	0.600569	0.661331
0.789498	0.734251	1.10271	0.925316	1.315989	0.88224	0.8448	0.770087	0.783839	0.81908
1.119718	0.869094	0.865729	0.805655	0.971118	0.792543	0.781862	1.133699	1.126261	0.971979
0.980455	1.180678	0.740814	0.770881	1.088259	0.758347	0.91843	1.167557	1.073183	0.834957
0.919894	1.046695	0.790023	1.00507	1.224376	1.16027	1.221887	0.770087	0.804042	0.969033
0.812001	1.198769	1.002278	1.176538	0.862532	0.986057	1.016934	0.760787	0.757045	1.040693
0.77096	1.065699	1.033245	0.925316	0.707399	0.746632	0.941388	0.957607	0.893265	0.850319
0.820482	0.755596	0.797812	0.867132	0.832337	0.828589	1.221887	1.217245	0.958944	0.876799
0.921242	0.731542	0.831505	1.000321	1.038623	0.928343	0.926395	0.874822	1.010651	1.2075
0.911893	0.881627	1.144285	1.259592	0.891256	1.008217	1.040676	0.776717	0.944418	1.020399
1.372982	1.028488	1.094852	0.880068	0.867189	0.872627	1.003929	0.967861	1.00078	0.818042
1.206782	0.909184	0.729755	0.951245	0.816427	0.89707	1.075124	1.047339	1.094853	0.817006
1.162246	0.703658	0.911732	1.256741	0.853365	0.837266	0.804535	0.857237	0.986382	0.73866
1.054504	1.123814	1.106693	0.853447	0.919367	0.895815	0.681157	0.762631	1.045274	0.730108
1.02438	1.29597	1.079551	0.709518	0.881469	0.819031	0.753963	0.840336	0.810291	0.771853

0.915875	0.999186	0.926012	0.701533	0.859072	1.151148	1.026951	1.104315	0.772153	0.961755
0.761512	0.790234	1.11477	0.833695	0.86602	1.076671	0.883077	1.028188	0.916746	0.80276
0.846967	0.732443	0.957478	0.956906	0.956556	0.77227	0.703829	1.151427	0.825231	0.834957
0.939157	0.879091	0.746014	0.886077	0.855638	0.797513	0.946971	1.167557	0.900952	0.870903
1.047226	0.850949	0.924694	0.769028	0.881469	1.092153	1.566984	1.042032	0.785817	1.030427
0.739641	0.902463	1.059354	0.904622	1.144307	1.058064	0.97752	0.901974	0.737095	0.867404
0.716286	1.123814	0.888122	0.883664	1.03689	0.749307	0.710297	0.841442	0.847508	0.875613
1.086875	0.909184	0.755713	0.823098	0.862532	0.682289	0.866425	0.917533	0.880749	0.921787
1.049034	0.981228	0.704469	0.803649	0.950842	0.881027	0.940003	0.735759	1.115537	0.933802
0.813053	1.121598	0.790023	0.775547	0.968216	0.986057	1.012011	0.783451	0.796863	0.761717
0.691728	0.94592	0.935349	0.898352	0.912817	0.805585	0.973022	0.799245	0.812394	1.020399
0.762448	0.681447	0.756605	1.068361	0.797077	0.750203	0.905471	0.833756	0.798902	1.051208
0.95346	0.845065	0.982295	1.046807	0.910224	0.857446	0.70786	0.746309	1.00241	0.813914
0.949119	0.962449	0.833633	1.068361	1.191051	0.989154	0.791575	0.848141	0.920786	0.893745
0.914543	0.929997	0.809764	1.019638	1.129067	0.890829	0.954052	0.746309	0.873408	0.953178
0.777698	0.894531	0.979301	0.931991	0.744598	0.810707	1.169607	0.859541	1.124095	0.991631
0.749529	0.836959	1.062957	0.975833	0.741082	0.900859	0.965628	0.864186	0.923501	0.793843
0.925311	0.881627	0.973373	1.061057	1.088259	1.040221	0.72437	0.891903	1.00241	0.797784
1.404673	1.095863	1.000708	1.153535	1.03689	1.004981	0.744166	0.808388	0.881984	0.942
0.980455	0.897159	0.882116	0.851207	0.797077	1.373087	0.850387	0.956162	0.991129	1.086289
0.842439	0.893224	0.860024	0.718476	0.851103	1.029858	0.806564	0.957607	0.848652	0.765376
0.943399	0.886743	0.9838	0.931991	1.014959	0.849486	0.784753	0.951855	0.660135	0.824308
0.989839	0.886743	1.148671	1.081446	0.900005	0.91373	0.759401	0.803285	0.694094	0.712679
0.888737	0.974877	0.822054	0.869456	0.897487	0.859747	0.872299	1.276366	0.830694	0.894981
0.804714	0.93572	0.792928	0.811732	0.922016	1.281811	1.016934	1.854945	0.825231	0.729262
0.777698	0.974877	0.891765	0.903361	0.897487	0.91373	1.129316	1.023109	0.719721	0.80276
0.824786	1.554396	1.112737	1.077667	1.072951	0.726648	0.815812	0.866527	0.791808	0.833881
0.801628	0.864181	0.846628	0.825197	1.0052	0.768513	0.785721	0.956162	1.088835	1.005777
1.005945	0.864181	0.690435	0.831555	1.056352	0.920311	0.909318	0.926873	0.910095	0.778429
0.84583	0.788179	0.837922	0.981827	0.989405	1.092153	1.020248	0.68038	0.747863	0.761717
0.85733	1.170668	1.077675	1.223916	0.864855	0.812773	1.100374	0.838131	0.880749	0.979433
0.897596	1.519892	1.15088	1.022942	0.896234	0.757435	1.125062	0.992249	1.126261	1.037244
1.15294	1.03932	0.875017	0.989437	0.818515	0.854017	1.016934	0.933669	0.930362	0.999433
0.91721	0.80066	0.896672	0.838007	0.810223	0.832906	0.91843	0.692003	1.019051	1.122361
0.721368	0.812426	0.95465	0.805655	0.879056	0.889592	0.8448	0.77959	0.961908	0.910095
0.849248	0.808111	0.7939	0.908428	0.741082	0.756524	0.849264	0.922845	0.94157	0.821164
0.911893	0.880357	1.011821	1.193398	0.742836	0.883457	0.919747	0.975336	0.931747	0.741259
0.94625	0.736976	0.957478	0.989437	0.779508	0.979928	0.89413	0.748987	1.098912	0.862782
0.895046	0.864181	0.97044	0.842363	0.975666	1.108207	0.861782	0.80634	0.900952	0.858209
1.019274	0.835813	1.028206	0.887289	0.780465	0.864387	0.941388	0.828347	0.86619	0.770922
0.807822	0.735157	1.007023	0.925316	0.679927	0.827516	0.917116	1.05998	0.899661	0.739525
0.85733	0.954857	1.000708	0.865975	0.949425	0.91635	0.837097	0.710453	0.85095	0.7599
1.005945	0.994214	1.036637	0.716834	1.176492	0.877407	0.736312	0.758035	0.897092	0.769065
0.815162	0.78207	0.899146	0.676175	0.831258	0.973884	0.836007	0.770087	0.770235	1.023716
0.774798	0.877829	0.847729	0.699953	0.941019	0.922972	0.819986	0.86302	0.689304	0.804767
0.767156	0.916012	1.002278	0.795713	0.902537	0.895815	0.753063	0.939184	0.654237	0.770922
0.754099	0.86663	0.878552	0.913555	0.928707	0.767579	0.822088	1.082546	0.855582	0.824308

0.843566	0.906483	0.744274	0.91744	0.799074	0.78763	0.80151	0.853804	0.815568	1.010596
0.700572	0.957878	0.84553	0.707107	0.703366	0.780843	1.062113	0.995396	0.700564	1.170951
0.730844	0.918773	0.765633	0.805655	0.92468	0.749307	0.77519	0.795242	0.660878	1.076779
0.833523	1.009303	0.766546	0.900849	0.82484	0.729203	0.697455	0.805319	0.709621	0.990087
0.911893	1.067647	0.878552	0.904622	0.881469	0.805585	0.919747	0.972331	0.807155	0.787998
0.55728	0.765214	0.726409	0.902103	0.861376	0.940676	1.196206	0.849268	1.052543	0.917855
0.74681	0.918773	0.880925	0.942888	0.849976	0.825379	1.040676	0.920181	0.891997	1.148189
0.954916	0.944448	1.108698	1.138128	0.76911	0.744857	1.106416	0.979884	1.015672	1.08437
1.36167	1.035679	1.220389	1.240018	0.845499	0.769449	0.88673	0.848141	0.877063	0.742129
1.102986	0.974877	0.837922	1.043316	0.855638	0.902129	0.800506	0.676574	0.804042	0.700644
1.157568	1.146609	0.853274	1.05925	0.799074	0.836171	0.901658	0.831584	0.878288	0.838204
0.878829	0.731542	0.790023	0.836925	0.798074	0.949098	1.080822	0.793254	0.961908	1.04417
0.808863	0.612621	1.085226	0.855698	0.734133	0.879817	0.968571	0.80126	1.105072	0.916552
0.880055	0.906483	0.889333	1.240018	1.02159	0.912425	0.7303	1.098269	1.059935	0.813914
0.941981	0.768141	0.963191	1.761187	1.201035	1.112315	0.852642	0.820887	0.801979	0.736936
1.090847	0.992569	0.96898	0.865975	0.766317	1.203871	0.807581	0.848141	0.958944	0.750036
0.907947	1.316242	1.13779	0.770881	0.761702	0.946272	0.935876	0.867702	0.922141	0.789938
0.805748	0.853325	1.018301	0.773675	0.820613	0.877407	0.97752	1.1992	0.804042	0.696706
0.887486	1.04484	1.529076	1.021287	1.061815	0.936526	0.697455	0.899434	0.721428	0.742129
0.922594	1.026708	1.397677	0.922675	0.941019	0.859747	0.692736	0.853804	0.772153	0.839291
0.755019	1.135062	0.795852	0.747392	0.992519	1.211584	0.854909	0.772916	0.960424	0.859348
0.782576	0.894531	0.803747	0.882462	0.936876	0.860902	1.071367	0.894399	0.722283	0.85481
0.928045	0.951858	1.393785	1.027947	1.054546	0.765717	0.904196	0.921511	0.676012	0.699065
1.077102	1.075523	1.13779	0.871792	1.148762	0.796515	0.663251	1.026489	0.916746	1.005777
0.77096	0.937162	0.682077	0.795713	1.22172	0.937905	0.946971	1.158267	1.117661	0.98245
0.684623	0.788179	0.770218	0.712754	0.896234	0.959133	1.012011	1.127233	0.669137	0.860489
0.728239	1.030274	0.929989	0.86367	0.764466	0.71327	0.852642	0.961972	0.76928	1.013839
0.769054	1.144275	0.992941	0.854571	0.879056	0.715747	0.664715	0.804301	1.013992	0.996295
0.812001	0.884177	0.692743	0.706306	1.164722	0.806605	0.778037	0.976847	0.85442	0.747384
0.839074	0.748052	0.733128	0.77181	0.875462	0.877407	0.934509	0.831584	0.656439	0.841475
0.793504	0.948879	1.061152	1.046807	0.807154	0.957685	1.090488	0.787346	0.745146	0.977932
1.00105	1.276601	1.043501	0.923994	0.786256	0.858595	0.889183	0.723765	0.75427	0.834957
1.230889	0.858116	0.909185	1.155781	1.042112	0.747522	1.137952	1.098269	1.16012	0.912666
0.791497	0.671929	0.947658	1.066523	0.959442	0.872627	0.968571	0.967861	0.924864	1.004182
0.864379	0.83013	0.879737	1.05925	0.709836	0.942069	0.926395	0.670552	0.830694	1.074902
1.067543	0.910541	0.833633	0.984855	0.664242	0.741329	0.959801	0.762631	0.812394	0.902472
0.878829	0.689541	0.663659	1.502259	0.831258	0.799517	1.133613	0.883279	0.870989	0.725057
0.866754	0.735157	0.790023	1.277102	1.160102	0.873817	0.935876	0.960512	0.884466	0.730108
0.956378	0.861745	0.92338	1.038133	1.003594	1.22475	0.81065	0.920181	0.919435	0.901215
0.886239	1.017919	1.087134	0.922675	0.6876	0.821136	0.812707	0.753487	0.759838	0.688934
0.778669	0.768141	0.863438	1.046807	0.711469	0.832906	0.892888	0.787346	0.745146	0.797784
0.619322	0.728851	0.904137	1.112925	0.80108	0.719908	0.736312	0.77863	0.826318	0.691251
0.685407	0.722634	1.016672	0.769028	0.778552	0.759262	0.58641	0.760787	0.810291	0.700644
0.928045	1.030274	0.98531	0.823098	0.806135	0.767579	0.822088	0.826203	0.911417	0.927086
0.850394	0.871572	0.805743	0.831555	0.870716	1.096111	0.909318	0.885725	0.738872	0.976436
0.611974	0.620215	0.852159	0.836925	0.88756	0.821136	0.773303	0.835938	0.758905	0.714309
0.816221	0.655758	0.957478	1.052096	0.984777	0.7511	0.690395	0.982942	0.775045	0.719236

0.852693	1.012729	0.896672	0.793752	0.804106	0.734359	0.806564	0.900702	0.926232	0.99318
0.732589	0.822295	0.750396	0.679923	0.766317	0.89707	0.822088	0.893149	0.73621	1.007377
0.744108	0.799607	0.91687	0.890946	0.791141	0.902129	0.759401	0.804301	0.706306	0.90754
0.954916	0.862961	0.877371	0.899599	0.871897	0.673936	1.023586	1.179456	0.923501	0.891283
1.312457	0.974877	0.798796	0.880068	0.846614	0.732633	1.171959	1.144694	0.862625	0.813914
0.943399	0.886743	0.996031	0.942888	1.028323	0.907246	1.077015	0.821945	0.707132	0.946158
0.798564	1.048559	0.98531	0.807671	0.807154	0.827516	0.926395	0.877221	0.660878	0.839291
0.878829	0.879091	0.765633	0.848979	0.855638	0.770388	1.176701	1.1992	1.012318	0.946158
0.980455	0.934282	0.818948	1.001898	0.888789	0.78568	0.986659	0.8845	0.718021	0.916552
0.886239	0.92016	0.864582	0.930648	0.942409	0.812773	0.900394	0.689654	0.694898	0.870903
0.71882	1.112849	0.913011	0.889724	1.080537	0.781806	0.793544	0.688873	0.678328	0.760808
0.798564	1.014452	0.77672	0.877687	0.814349	0.693158	0.871118	0.77959	0.762649	1.005777
0.963759	0.886743	0.958899	1.055658	0.834503	0.854017	1.167268	1.036789	0.800951	0.817006
0.887486	0.770104	0.743406	0.875319	0.740207	0.816935	0.739785	0.773863	0.814507	0.679788
0.939157	0.842733	0.725576	0.880068	0.786256	0.814849	0.76676	0.734891	0.758905	0.81908
0.923951	0.963983	0.897907	0.87414	1.028323	0.824315	0.942777	0.734025	0.770235	1.002593
0.941981	0.83467	0.827279	0.680676	0.864855	0.89207	0.964164	1.10229	0.911417	0.919161
0.782576	0.734251	0.799781	0.827306	0.825903	0.935152	0.772362	0.998566	0.912744	0.736936
0.864379	0.886743	0.910457	0.887289	0.787228	0.836171	0.785721	0.68422	0.826318	0.764458
0.831322	0.874064	1.033245	0.900849	0.664976	0.926994	0.762146	0.688094	0.855582	0.912666
0.952008	0.750865	1.016672	0.822052	0.721396	1.106167	0.915807	0.740123	0.852103	0.697491
0.947682	0.772075	0.946273	0.843459	0.906364	0.951941	0.809624	0.825134	0.869784	0.679035
1.111271	1.021413	1.513486	0.868293	0.704975	0.720744	0.705437	0.787346	0.919435	0.838204
0.852693	0.979631	1.200077	0.78792	0.679167	0.810707	0.691954	0.68422	1.025891	1.01547
0.747714	1.030274	1.026539	0.805655	0.845499	0.975388	0.853774	0.845897	0.893265	0.840382
0.831322	0.83013	0.896672	0.82625	0.946605	0.976896	0.937247	1.098269	0.8498	0.712679
0.815162	0.815691	1.255567	1.038133	1.059986	0.947683	0.895375	1.021429	0.795848	0.867404
0.791497	0.862961	0.857762	0.832623	0.791141	0.803553	0.860629	1.088376	0.803009	1.061983
0.794511	1.095863	0.804744	0.838007	0.802086	0.931054	0.813739	1.116665	0.821986	0.913958
0.714605	0.951858	1.164377	1.253909	1.120593	0.783739	0.933146	0.933669	0.681436	0.809825
0.706295	0.87657	1.06477	0.952653	1.03173	0.791556	0.803524	0.819831	0.826318	0.845874
0.905336	0.893224	0.708449	0.779317	0.931413	0.698696	0.726901	0.844779	0.994322	0.966107
1.036532	1.146609	0.751277	0.8934	1.02159	0.949098	0.740658	0.860697	0.912744	0.928421
0.758717	0.994214	0.78906	0.846763	0.948013	0.935152	0.892888	0.784421	0.759838	1.215195
0.777698	1.201416	1.13139	1.102841	0.923346	0.973884	0.874671	0.976847	0.883223	1.049438
0.822629	1.014452	1.112737	0.821009	0.818515	0.701893	0.814774	0.932301	0.910095	0.851437
0.985121	0.839259	0.797812	0.814802	1.014959	0.889592	0.904196	0.975336	0.796863	0.890058
0.878829	0.777044	0.78048	0.848979	1.10615	1.08823	0.915807	0.740123	0.856748	1.114082
0.901449	1.021413	0.976327	0.948441	0.775698	0.887127	0.826324	0.728011	0.94157	0.98245
0.871544	1.054197	0.98531	0.875319	0.774751	0.706732	0.791575	0.967861	0.893265	0.840382
1.098902	0.801717	0.805743	0.899599	0.842171	0.722423	0.76676	0.781516	0.712962	0.872076
0.980455	0.934282	1.125083	1.041582	0.892495	0.866725	0.768619	0.653692	0.885712	0.87918
1.171756	0.98283	1.052237	0.936046	0.875462	1.000172	0.790594	0.914901	1.146258	1.114082
0.859667	0.769121	0.876193	0.980321	0.923346	1.014761	0.982066	1.241604	1.313348	0.958877
0.782576	0.695298	0.832568	1.050326	0.901269	1.263892	1.179092	0.8845	1.109228	0.845874
0.787509	0.729746	0.89544	0.894633	0.880261	1.054436	0.879455	0.813552	1.406102	0.881573
0.788503	0.89192	1.247192	0.834769	0.932773	0.944867	0.794531	0.871247	0.999157	1.152647

0.939157	0.804902	1.040055	0.844557	0.731555	1.058064	0.919747	1.076794	0.847508	0.870903
0.776729	0.713042	0.999143	0.813776	0.843277	1.098104	0.901658	0.924184	0.772153	0.830666
0.717973	0.852135	0.98531	1.121165	1.0052	0.799517	0.812707	0.907099	0.888215	0.707825
0.863196	1.071567	0.976327	0.904622	0.855638	0.7511	0.706243	0.956162	0.999157	0.69436
1.117591	0.931421	0.939413	0.727622	0.760785	0.855157	0.753963	0.916215	0.869784	0.818042
0.734342	0.86663	0.804744	0.72261	0.963807	1.086282	1.108449	1.065513	0.897092	0.921787
0.774798	0.903799	1.057564	1.016358	0.939634	0.870257	0.859479	1.270376	0.766426	0.820121
1.115474	1.175644	0.961756	1.133825	0.963807	0.741329	0.795521	1.244397	0.848652	0.795809
0.939157	1.102155	0.848832	0.766264	0.957997	0.87144	1.038936	1.009847	0.872197	0.766295
0.794511	0.870331	0.931323	0.735251	0.931413	0.996996	0.925057	0.823005	0.886962	0.806783
0.884995	1.273456	1.244436	1.094938	1.052748	0.759262	0.735448	0.739247	0.760773	1.143776
1.08294	1.566535	0.913011	1.240018	1.035163	0.624915	0.880659	1.10229	0.95162	1.110001
0.896319	1.170668	0.860024	0.918743	0.829108	0.765717	0.879455	0.972331	1.029351	1.097983
0.626111	0.894531	0.84553	1.066523	1.114344	0.964974	1.160325	0.803285	0.934531	1.025384
0.654383	0.941519	0.852159	0.910984	0.995654	1.076671	0.976016	0.784421	0.672179	0.825362
0.812001	0.858116	0.849938	0.832623	0.767246	0.736091	0.934509	0.899434	0.747863	1.067473
1.206782	0.86663	0.876193	0.93877	0.80512	0.824315	0.826324	0.920181	1.015672	0.869734
0.825868	0.928578	0.826229	0.969921	0.989405	0.943465	0.746816	0.810446	1.135035	0.851437
0.817283	1.128278	0.997584	1.068361	1.142097	0.832906	0.72269	0.701531	0.832899	1.033823
0.791497	0.818981	1.043501	0.964089	0.802086	0.781806	0.973022	0.733161	0.759838	0.913958
0.842439	0.719997	0.973373	0.92005	0.674636	0.931054	1.48214	1.016427	0.749684	0.861634
0.830226	0.821188	1.008616	0.972867	0.860222	1.102117	0.897877	0.899434	0.790803	0.698277
1.05085	0.850949	1.15088	1.081446	1.146529	1.232846	0.885509	0.80126	0.775045	0.767217
0.762448	0.948879	1.06477	0.878876	0.894984	0.85288	0.731154	0.746309	0.860265	1.023716
0.692525	0.791266	0.938055	0.785034	0.818515	0.912425	0.740658	0.848141	0.963398	0.93925
0.755019	0.690359	1.062957	1.149077	0.938253	0.964974	0.946971	1.279392	0.85326	0.691251
0.962273	0.777044	1.401605	1.304765	1.067348	0.860902	0.831677	0.848141	0.864998	0.867404
0.915875	0.848585	0.992941	0.740413	0.758956	0.87144	0.791575	0.986022	0.992722	1.063805
0.690139	0.987672	1.023225	0.641748	0.733272	0.91373	0.711929	0.976847	0.861444	0.685864
0.72565	0.749925	0.795852	0.838007	0.837773	0.783739	0.836007	0.901974	0.628641	0.698277
0.901449	0.83013	0.986826	1.121165	1.116417	0.762939	0.761229	0.812515	0.717174	0.899961
0.986688	0.858116	0.810775	0.736965	0.919367	0.745744	0.661063	1.153695	0.953075	0.963201
0.856166	1.014452	0.739953	0.904622	1.16705	0.954804	0.828457	1.230609	1.005687	0.820121
0.795521	1.057998	0.926012	1.016358	0.922016	0.824315	0.97005	0.908389	0.738872	0.924428
0.873959	1.341155	1.024879	1.041582	0.980197	0.786654	0.847026	0.899434	0.795848	0.841475
0.969756	1.017919	0.870349	0.855698	1.061815	0.743972	1.021914	1.151427	0.977042	0.928421
0.813053	0.80066	0.810775	0.816861	1.148762	0.800523	1.00876	1.264467	1.025891	0.99318
0.869142	0.770104	0.870349	0.860236	0.989405	0.87501	1.037204	0.820887	0.749684	0.951765
0.761512	0.881627	1.050475	1.00507	0.777599	0.798514	0.856047	0.652256	0.689304	0.964651
0.792499	0.942981	1.015049	1.016358	0.855638	0.789589	0.867593	0.849268	0.855582	0.805774
1.054504	0.701973	0.913011	1.362377	1.10615	0.92164	1.339689	0.956162	0.83958	0.76814
0.950561	0.894531	1.144285	1.160309	0.978681	1.031568	0.959801	0.832669	1.004045	0.963201
0.954916	0.870331	1.061152	0.881263	0.679927	0.894563	0.854909	0.793254	0.95162	1.135083
1.126162	0.865404	1.031559	0.876502	0.6876	0.881027	0.887955	0.937799	0.860265	0.85594
0.806784	0.681447	0.797812	1.142475	0.838868	1.014761	1.096393	0.928223	0.818765	0.736936
0.721368	0.755596	0.716521	0.813776	0.916735	1.018071	1.020248	0.837033	0.920786	0.810844
0.989839	0.864181	1.046974	0.737825	0.778552	0.887127	0.703027	0.841442	1.061803	1.212615

1.022671	0.931421	1.055781	0.836925	0.694624	0.771328	0.745931	1.056331	1.004045	0.936517
0.833523	0.967068	0.920765	0.914846	0.989405	1.135631	0.889183	0.818779	0.898375	0.751813
0.787509	1.05991	1.090976	0.955484	0.952264	0.939289	0.694303	0.736628	0.970925	0.750036
0.921242	0.970175	0.950441	0.861378	0.916735	0.741329	0.666184	0.7472	0.846366	0.822209
1.00105	0.785113	0.982295	0.994069	0.754418	0.784708	0.752165	0.860697	0.696509	0.799768
0.833523	0.737888	0.888122	0.900849	0.844387	1.059889	0.819986	0.90325	0.821986	0.669356
0.795521	0.816785	0.902883	0.962643	1.014959	0.816935	0.772362	0.810446	0.721428	0.648512
0.831322	0.862961	0.813822	0.859097	0.823779	0.640648	0.800506	0.899434	0.806115	0.66569
0.926676	0.815691	0.786181	0.674684	0.814349	0.789589	0.901658	0.894399	0.652774	0.942
0.834627	0.93861	0.991404	0.767184	0.808174	0.89207	0.89413	0.788325	0.70879	0.863933
0.932179	1.071567	1.192698	0.908428	0.787228	0.784708	0.779945	0.736628	0.790803	0.815973
1.113368	0.963983	0.790023	1.073921	0.906364	0.697901	0.843691	0.861857	0.689304	0.789938
0.91721	0.801717	0.706853	0.757175	0.778552	0.982982	1.086596	0.950429	1.13949	1.073032
0.679951	0.752751	0.745143	0.729306	0.867189	0.881027	0.911902	0.916215	0.928981	1.032122
0.71882	0.918773	1.079551	0.715197	0.79016	0.7511	1.04948	0.848141	0.762649	1.236405
0.853848	0.838108	0.900388	0.922675	0.659137	0.902129	1.219249	0.814592	0.841831	0.917855
0.932179	0.886743	0.783321	1.062871	0.800075	0.87501	0.834921	0.764483	0.873408	0.661331
0.829132	0.854518	0.783321	1.229217	1.151006	1.038477	0.763986	0.797239	0.872197	0.744749
0.86084	0.899803	0.931323	0.810713	0.772862	0.788608	0.830601	0.750781	0.931747	1.065635
0.960792	0.94592	1.207583	0.739549	0.778552	0.769449	0.958357	0.828347	0.978585	1.357879
1.040068	0.826755	1.052237	0.931991	1.018262	0.918987	0.849264	0.966381	1.056224	0.870903
0.947682	0.820083	1.043501	1.043316	1.069207	0.85288	0.763065	0.81668	0.880749	0.644321
1.041846	1.014452	0.888122	1.036418	0.822722	0.791556	0.97752	0.753487	0.758905	0.670093
0.804714	1.085574	1.09291	0.657189	0.793111	1.08823	1.0695	0.783451	0.794834	0.8296
0.835735	0.897159	0.91558	0.845658	1.18859	1.110256	1.071367	0.925526	0.755193	0.838204
0.957844	0.852135	1.195144	1.358768	1.339653	1.16724	0.904196	0.970836	0.916746	1.751314
0.922594	0.941519	1.038343	1.077667	0.981718	1.08049	0.836007	1.138063	1.181779	1.231004
0.786518	1.110689	0.92207	0.860236	0.95369	0.990711	0.853774	1.086424	0.903545	0.750036
0.828042	0.83126	0.888122	0.890946	0.791141	0.826447	0.961251	0.814592	0.70879	0.825362
0.844697	0.956365	1.06477	0.890946	0.82484	0.72835	0.868765	0.749883	0.728321	0.771853
0.966747	1.100047	0.977811	0.830489	0.926018	0.833991	0.895375	0.964907	0.86619	0.869734
0.965251	1.016182	0.886914	0.962643	1.383485	1.072885	1.094416	0.940574	0.85442	0.950357
0.686979	0.804902	1.278722	1.112925	1.104125	1.337007	1.211432	0.761708	0.669137	0.924428
0.897596	1.430296	1.040055	1.066523	0.756228	0.87144	0.97005	0.81668	0.938741	0.866244
0.895046	1.048559	0.729755	0.821009	0.787228	0.628965	0.99915	0.990684	1.217776	1.013839
0.880055	0.780052	0.839001	1.052096	1.006811	0.811739	1.0695	1.098269	0.807155	0.93245
0.941981	0.888031	1.175954	1.242761	1.169392	1.22475	1.167268	0.773863	0.739762	1.343736
1.15294	1.183216	1.028206	1.043316	0.798074	0.855157	0.986659	0.843664	1.056224	1.056562
1.404673	1.234509	1.015049	1.011484	0.779508	0.584527	1.025265	0.932301	1.045274	0.912666
1.02438	0.761341	0.974848	1.555391	1.058165	0.811739	0.942777	0.832669	0.835115	0.964651
1.015903	0.89062	1.011821	1.05745	0.997231	1.246683	0.768619	0.709634	0.997539	1.08437
1.199035	1.065699	1.185443	0.864821	0.784317	1.061722	0.991301	0.959057	0.953075	0.85481
1.357963	1.011013	0.986826	0.977324	0.714753	0.954804	1.133613	1.112509	0.898375	0.732656
1.139345	0.850949	1.029879	1.221289	0.942409	1.29733	1.038936	1.08062	0.857917	0.85481
0.950561	0.91739	1.139944	0.936046	0.857924	1.054436	0.743287	0.80126	1.103009	0.852559
1.150644	1.261096	1.545246	0.959765	1.069207	1.013116	0.725212	0.815635	1.096878	1.326682
1.22001	0.91739	1.016672	1.178907	1.193525	0.989154	0.819986	0.847018	0.835115	0.974945

0.739641	0.609892	1.106693	1.400218	0.906364	1.23013	0.959801	0.940574	0.883223	0.815973
0.907947	0.852135	0.947658	0.884869	1.112281	1.067268	0.937247	1.086424	1.201982	0.953178
1.043632	1.228815	0.835772	0.725109	1.056352	0.830742	0.89413	1.162887	1.16722	0.98245
1.134906	0.973304	0.958899	0.736107	0.997231	1.08823	1.102379	0.94477	1.045274	1.316761
0.895046	0.871572	1.770477	0.850092	0.97118	1.365627	1.078915	0.941968	0.814507	0.927086
1.02438	1.141953	1.061152	0.844557	1.148762	0.840564	0.910608	1.069241	0.997539	0.87918
1.325958	2.282834	0.929989	1.149077	1.260472	0.883457	0.986659	1.160571	1.406102	0.994735
1.052673	1.249078	1.052237	1.183684	1.372105	1.300501	1.108449	1.317457	1.004045	1.255853
0.933566	1.487929	1.159831	1.048563	1.454292	1.084343	1.110491	1.635388	0.783839	0.936517
1.150644	1.25806	1.225619	1.203334	1.126933	1.054436	1.100374	0.964907	0.874623	1.020399
1.123759	1.091718	0.897907	1.046807	0.871897	0.949098	1.131459	1.285509	1.362833	1.110001
1.096874	1.091718	0.842253	1.014727	0.998813	1.171949	1.162627	0.894399	1.458808	1.391493
1.067543	1.498324	1.104697	1.268259	0.855638	0.936526	1.169607	0.865355	0.987959	1.01547
1.25061	1.183216	1.726642	1.198338	0.819563	0.795518	1.387316	1.621815	0.906153	1.236405
1.204185	0.925754	1.284709	1.083348	0.977171	1.17671	1.76358	1.559667	1.337386	1.124456
1.00105	1.104273	1.106693	1.596874	1.62365	1.557841	1.339689	1.149171	2.385899	2.268656
2.361223	1.959335	1.10271	2.045827	1.423726	1.24388	1.419453	0.929579	1.191763	1.641854
1.64562	1.319715	1.573612	1.164884	0.893738	1.508895	1.44997	1.186755	1.271955	1.628247
1.073253	0.802776	1.090976	1.102841	1.116417	1.787669	1.506919	1.480486	1.326921	1.033823
0.966747	0.989299	0.986826	1.49237	1.202677	1.214863	1.104393	1.279392	1.764534	0.820121
1.112473	2.042918	1.389927	1.178306	1.227048	1.361945	1.151237	0.867702	1.366593	1.033823
1.090847	1.20676	2.010664	1.129564	1.045628	1.442271	2.286091	1.236071	1.870989	1.21005
0.780618	0.927164	2.954762	1.392381	1.918049	1.284871	2.054057	1.325792	1.225894	1.078664
1.466391	1.100047	1.095394	1.482534	2.038623	1.951998	1.257717	1.35983	1.393868	1.205404
1.26884	1.090741	1.096147	1.572687	1.045628	1.563637	1.496837	1.565497	1.376849	1.372561
1.591836	1.1517	1.081434	1.096901	1.375865	1.392102	1.452588	2.054517	1.427291	1.347229
0.982005	1.323216	1.21266	1.304765	3.135533	1.408338	1.303144	1.365217	1.482809	1.357751
1.51655	1.367585	1.3454	2.546662	1.477522	1.214185	1.206297	1.311248	1.338233	1.410425
1.142491	1.111529	2.027005	1.528013	1.613769	1.398437	1.319353	1.293807	1.594782	1.463099
1.080568	1.12701	1.627163	1.726313	2.533473	1.699525	1.358895	1.276366	0.975505	1.182796
1.155248	1.103789	1.840385	2.98766	2.056352	1.031568	1.561167	1.466246	1.115537	1.595986
1.485765	1.320507	1.033245	1.098872	1.06522	1.358293	1.343172	0.74384	0.929689	1.247589
1.144896	1.728815	2.061656	0.286954	0.358692	0.376627	0.372143	0.557992	0.836765	2.493638
1.150735	1.147815	0.573908	0.430431	0.394561	0.36766	0.369901	1.744532	2.029351	0.703788
1.164554	1.149275	0.856926	0.502169	1.219079	1.142213	0.36878	0.530629	0.570811	0.637299
2.862818	1.618797	1.139944	0.536071	0.544546	1.479082	0.691357	0.610993	2.172019	0.604055
1.335506	1.828957	0.569972	0.553021	0.548784	1.013933	1.83336	1.32933	1.043476	0.562897
1.228308	1.247091	0.908531	0.739252	3.135533	1.266011	1.972367	1.615185	0.521738	0.542317
1.265873	1.383379	2.326705	1.001336	1.094141	1.437882	1.303659	1.331895	0.926816	0.734567
1.500885	1.585404	1.923748	1.152967	1.123554	1.151482	1.322483	1.341307	1.607747	1.222774
1.05819	1.217732	1.211793	1.635885	1.17941	2.104218	1.533196	1.000317	0.669697	1.397286
1.377275	1.137961	1.208824	1.205854	2.02159	1.356303	0.678152	0.339076	0.589155	1.571798
1.443329	2.536572	1.068441	1.137147	1.945202	1.373845	1.320906	0.508614	0.548885	1.241873
1.124003	0.99892	1.064951	1.102794	1.371836	1.606525	1.375853	1.285509	0.528749	0.538817
0.873837	1.061462	2.080077	1.635885	1.489181	1.676229	2.003224	0.978443	0.653404	0.264375
0.748754	1.632908	1.1531	1.221289	2.260472	1.582705	0.671377	0.778058	1.300187	0.458889
0.686212	0.514659	0.83388	1.799108	1.680689	1.342753	0.88474	0.831399	0.844734	1.769473

0.343106	0.428883	0.67427	1.117742	1.379201	1.098104	1.306306	0.85807	2.105072	1.07966
1.521253	1.329009	1.401605	1.259673	2.181291	1.498728	1.533196	1.419751	1.314585	1.396472
1.256413	1.786092	1.702319	0.966995	2.181291	1.661364	1.943557	1.209419	1.588442	1.980095
1.065656	1.564473	1.523817	1.006665	1.387345	1.216802	1.067641	1.21462	1.207183	1.3543
1.490747	1.60513	2.535902	1.528013	1.061815	1.021406	1.216628	1.215624	1.414454	1.32335
1.439158	1.503616	0.928659	1.348117	1.544469	2.124962	1.186344	1.227903	1.362833	1.303877
1.086875	1.341155	0.829387	1.039854	1.72056	1.426964	1.792125	1.370271	1.075109	1.560192
1.336367	1.208705	1.171286	1.578608	1.309458	0.873817	1.23532	1.389406	0.78681	1.496398
1.109185	1.246125	2.65941	1.340298	0.819563	0.730915	1.155757	1.129377	0.994322	1.543343
1.447845	1.196138	1.371137	1.622488	1.050957	0.966446	1.0695	0.823005	1.381968	0.910095
1.026095	1.344834	0.994483	2.332413	1.585305	1.34752	1.196206	0.918855	1.058075	0.920472
1.549685	1.240278	0.833633	1.203334	1.098107	0.848361	0.942777	0.808388	0.893265	1.261574
0.783558	0.981228	1.48389	1.019638	0.745482	0.848361	1.339689	0.827274	0.821986	0.93245
0.886239	0.727957	1.110713	1.014727	0.780465	0.686914	0.80151	0.873627	0.947284	0.691251
1.036532	0.719997	0.814842	1.008265	1.035163	0.80254	0.798505	0.714569	0.819836	0.733509
0.896319	0.787154	0.855512	1.229217	0.92069	0.821136	0.914501	0.782482	0.902247	0.808809
0.911893	0.979631	0.812804	0.704709	0.638604	0.867899	1.463288	1.052711	0.995928	0.736077
0.741422	0.842733	0.833633	0.758978	0.798074	0.805585	0.795521	0.757122	0.696509	0.507698
0.770006	0.695298	0.717336	0.84787	1.092171	0.694733	0.671366	0.765412	0.614378	0.664232
1.162246	0.877829	0.710855	0.696029	0.592086	0.682289	0.688067	0.606069	0.572378	0.652743
0.711262	0.618131	0.716521	0.707107	0.581044	0.636489	0.702226	0.58103	0.648417	0.711055
0.651471	0.648265	0.765633	0.646602	0.675388	0.673185	0.571363	0.675817	0.683782	0.563387
0.535637	0.588009	0.723915	0.605389	0.681451	0.715747	0.54275	0.600944	0.603817	0.53438
0.632314	0.736066	0.689669	0.712754	0.615705	0.602015	0.476607	0.49471	0.572378	0.552563
0.745007	0.693646	0.693515	0.609211	0.646983	0.670192	0.593199	0.576191	0.611714	0.615418
0.628169	0.573384	0.512833	0.664393	0.611137	0.626261	0.591337	0.587773	0.593507	0.47827
0.507667	0.471817	0.486626	0.498058	0.511251	0.45524	0.523256	0.584695	0.53464	0.520573
0.527928	0.519914	0.525241	0.638314	0.567332	0.456605	0.53889	0.432995	0.483797	0.69514
0.573341	0.589304	0.516929	0.560828	0.541694	0.504779	0.507654	0.463917	0.474499	0.557657
0.544052	0.541448	0.487106	0.603491	0.554608	0.516135	0.663982	0.582859	0.726588	1.220401
0.573947	0.562882	0.664381	0.810713	0.791141	1.104137	0.258067	0.129034	0.064517	0.032258
1.239232	0.281441	0.140721	0.07036	0.03518	0	0	0	0	0
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0.474074	2.101316	1.728997	1.277057	2.583098	0	0	0	0	0
1.676393	0.807251	0.795022	1.1758	1.194425	1.056626	0.885688	1.410927	0.52326	0
0.834259	0.780981	0.760198	0.905188	0.893641	0.85366	0.917717	1.046521	1.113641	1.466728
0.85326	0.829897	0.766754	0.754791	0.718455	0.903399	0.878227	0.930103	1.214155	1.203998
0.629642	0.721105	0.686034	0.719317	0.610998	0.834133	0.905488	1.41524	1.480821	1.729033
0.647766	0.569257	0.672912	0.678129	0.772791	1.043696	0.876971	0.934379	1.25953	1.327501
0.536588	0.349617	0.397808	0.401468	1.011972	1.881861	0.875718	0.932949	1.55675	1.056066
0.440574	0.150818	0.541409	0.773207	1.390438	1.36149	1.275865	1.534153	1.146931	0.8576
0.827746	0.644398	1.056421	1.749878	1.332542	2.255898	1.595652	0.918902	0.841632	0.607685
1.587339	1.065341	1.794217	1.215598	1.246749	0.866781	0.884564	0.994175	0.939892	0.781629
1.808692	1.307018	1.755759	0.956545	0.976239	0.804817	0.897523	0.762702	1.059479	0.836226
1.086593	1.074523	1.364494	0.744986	0.750057	0.98585	0.904151	0.890804	0.849701	0.898689
0.970603	0.968067	1.02282	0.665469	0.715172	0.94921	0.765785	0.787514	0.780976	0.574605
0.73847	0.843855	0.741993	0.550126	0.595829	0.636366	0.788718	0.764636	0.57399	0.655636
0.871936	0.745638	0.612664	0.684217	0.708681	0.49994	0.696784	0.786494	0.51203	0.635125
0.794572	0.632163	0.597064	0.628889	0.72426	0.700751	0.766757	0.645845	0.686712	0.702228
0.650622	0.730248	0.686818	0.63432	0.898602	0.834133	0.691841	0.65253	0.639062	0.698215
0.746437	1.042338	0.764871	0.673619	0.729298	0.616183	0.670268	0.920286	0.754021	0.798405
0.779852	0.804252	0.778229	0.70703	0.716811	0.724524	0.759996	0.827052	0.779984	0.748107
0.6849	0.667037	0.655038	0.719317	0.845817	1.03114	0.814014	0.532901	0.659597	0.537751
0.754553	0.656987	0.633682	0.827224	0.818009	0.687729	0.780603	0.677962	0.62775	0.613562
0.938859	0.821525	0.908301	0.815662	0.794812	0.828552	1.035747	0.70161	0.735743	0.749903
1.029854	0.945428	0.990052	0.952262	0.620098	0.874108	0.92187	0.746605	0.714779	0.749004
0.868373	0.700229	0.763932	0.758412	0.645107	0.881561	0.655705	0.714367	0.746617	0.518317
0.88649	0.712956	0.846275	0.832582	0.764469	0.887871	0.7918	0.657045	0.797165	0.706278

1.014681	0.81535	0.899245	0.796389	0.677602	1.04188	0.799079	0.725734	0.873616	0.81065
0.776968	0.854907	0.910924	0.649615	0.814912	0.955106	0.770668	0.711786	0.742962	0.657087
0.648478	0.813311	0.78902	0.836918	0.826377	0.695822	0.686953	0.860771	0.978817	0.660736
0.85326	0.789562	0.928367	0.681163	0.743027	0.766647	0.601893	0.685164	0.681942	0.657814
0.934705	0.853789	1.045527	0.66694	0.666498	0.674307	0.459043	0.857159	0.65735	0.774905
0.833167	0.972447	0.855438	0.905188	0.790901	0.834133	0.769687	1.182604	0.96952	0.642791
0.6849	0.811281	0.757418	0.84572	0.957271	0.989047	1.058008	0.778418	0.681942	0.749903
0.795571	0.805249	0.928367	0.722653	0.883887	0.687729	0.697613	0.626386	0.670241	0.905073
0.761897	0.889855	0.920229	0.720148	0.777484	0.777355	0.745853	0.859564	0.794083	1.044999
0.769367	0.76522	0.593883	0.678886	0.97475	0.864366	0.822784	1.002473	0.824831	0.647741
0.721272	0.783822	0.591986	0.615601	0.722594	0.729792	0.809694	0.758861	0.698871	0.663677
0.608977	1.158181	0.795022	0.761148	0.861562	0.682944	0.879487	0.663138	0.671011	0.718661
0.644928	0.988894	1.21698	0.792439	0.744774	0.659782	0.646752	0.699103	0.85438	0.916806
0.669663	0.856028	0.91755	0.761148	0.784141	0.702407	0.774615	1.026587	0.816129	0.878868
0.72807	0.720283	0.760198	0.666204	0.805752	0.940513	0.868276	0.710073	0.658098	0.785518
0.79258	0.751773	0.751911	0.704613	0.744774	0.792397	0.859752	0.638536	0.687512	0.791418
0.703919	0.9226	0.927	0.792439	0.778429	0.562517	0.71196	0.708367	0.723391	0.801434
0.688794	0.713764	0.693145	0.683451	0.742156	0.652328	0.909526	0.916146	0.65289	0.69662
1.009738	0.703376	0.655768	0.601439	0.746528	0.686928	0.656459	0.611832	0.504083	0.605099
0.844215	0.753542	0.726237	0.62153	0.668696	0.798563	0.726797	0.624979	0.58397	0.736611
0.753644	0.699445	0.961058	0.674367	0.598946	0.656785	0.654951	0.786494	0.713927	0.564506
0.695098	0.733621	0.691555	0.752095	0.619441	0.6279	0.621648	0.687592	0.717345	0.594904
0.652058	0.5846	0.619334	0.737124	0.651414	0.68533	0.599238	0.516725	0.718203	0.585559
0.571575	0.683316	0.678268	0.628215	0.66069	0.827445	0.570431	0.50113	0.728642	0.888665
0.569787	0.791492	0.853129	0.672872	0.706271	0.642825	0.643809	0.576504	0.664886	0.773953
0.66224	0.771641	0.748278	0.616911	0.633437	0.600818	0.69513	0.647322	0.616724	0.588032
0.550588	0.775353	0.685251	0.755693	0.695981	0.573472	0.609281	0.615941	0.668704	0.645613
0.692723	0.694002	0.610025	0.794409	0.802741	0.642825	0.597257	0.624277	0.748456	0.816904
0.970603	0.808255	0.691555	0.662544	0.772791	0.765686	0.815101	0.660843	0.605309	0.662204
0.678741	0.77722	0.761128	0.737124	0.869654	0.820859	0.794905	0.655534	0.67333	0.614879
0.668915	0.779097	1.009415	0.774149	0.753615	0.734232	0.636536	0.758861	0.65363	0.727971
0.72807	0.709739	0.758343	0.78755	0.685929	0.627202	0.622346	0.668541	0.674883	0.69662
0.63583	0.643021	0.657966	0.619545	0.652828	0.650117	0.719751	0.661606	0.655114	0.649166
0.862498	0.688626	0.71353	0.748526	0.831691	0.872878	0.646752	0.651782	0.719926	0.94974
1.003235	0.999694	0.947971	0.748526	0.915126	0.710781	0.648973	0.607087	0.70801	0.843979
0.940253	0.903409	1.016066	0.671381	0.79678	0.922247	0.743079	0.722205	0.732178	0.626913
0.840871	0.716197	0.808317	0.697444	0.988337	0.85366	0.721502	0.726621	0.842776	0.733134
0.866013	0.795379	0.999626	1.033231	0.850258	0.964103	0.793868	0.671658	0.834833	0.839532
0.751831	0.778158	0.757418	0.742349	0.676853	0.970206	0.867048	0.654781	0.787984	0.959835
0.755464	0.76796	0.936661	0.683451	0.73869	0.812229	0.900162	0.776422	0.824831	0.96868
0.825597	0.763403	0.874364	0.807443	0.833834	0.682944	0.649716	0.979627	0.867513	0.657087
0.774102	0.844948	1.045527	0.762064	0.667229	0.623037	0.808621	0.894708	0.892459	1.005976
0.967619	0.952377	0.906996	0.697444	0.692087	0.709936	0.701784	0.724849	1.107278	0.82325
0.799591	0.91226	0.688391	0.626869	0.835988	0.774409	0.740323	0.82482	0.725134	0.745427
0.675694	0.786683	0.786051	0.727705	0.755406	0.663558	0.814014	0.823709	0.66641	0.66962
0.637217	0.665587	0.908301	0.813593	0.913833	0.72715	0.6527	0.751278	0.778994	0.618853
1.026436	0.797335	0.805212	0.720148	1.163509	0.919504	0.643076	0.813831	0.85911	0.694239

1.023045	0.90718	0.778229	0.893865	0.852495	0.990655	0.947664	0.820391	0.778007	0.814809
0.743765	0.752657	1.009415	0.965239	0.662134	0.706573	0.75523	0.683553	0.682733	0.915487
0.637913	0.910984	1.041955	0.813593	0.623394	0.642103	0.769687	0.83155	0.921664	0.839532
0.722962	0.866247	0.809356	0.752992	0.687461	0.660535	0.809694	1.167644	1.018135	0.864574
0.984289	0.881446	0.718569	0.819831	1.005542	0.780322	0.766757	0.677169	0.762504	0.871662
0.871936	0.794404	0.797041	0.82616	0.809799	0.831892	0.81077	0.631348	0.834833	0.899958
1.04736	0.972447	0.927	0.782716	0.666498	0.791378	0.876971	0.818193	0.937037	0.72118
1.026436	0.988894	0.787038	0.851314	0.723426	1.127768	1.144035	1.141488	1.122272	0.679454
0.861332	0.78764	0.86717	0.827224	0.790901	0.895566	0.849033	0.764636	0.75123	0.709546
0.801615	0.877891	0.759269	0.809483	0.898602	0.98426	0.65046	0.757905	0.935617	0.874051
0.879152	0.862814	0.673673	0.585277	0.772791	0.842067	0.753339	0.853577	0.892459	0.826458
0.921137	0.771641	0.77437	0.718487	0.640263	1.000428	0.897523	0.956414	0.765369	0.733134
0.706356	0.721928	0.96402	1.097697	0.788959	1.034691	0.700946	0.801	0.823733	0.710367
0.787641	0.984346	0.798054	0.810507	0.784141	0.718458	0.700946	1.071323	1.072886	0.795397
0.747332	0.910984	0.78902	0.726859	0.825322	0.673531	0.88329	0.893403	0.788995	1.107929
0.650622	0.645779	0.825259	0.742349	0.820086	0.699926	0.83514	0.937253	0.659597	0.742764
0.606381	0.750892	0.894153	0.70703	0.843614	0.768574	0.721502	0.731083	0.622202	0.680219
0.674178	0.656278	0.741103	0.819831	0.805752	0.797529	0.674183	0.663906	0.647744	0.944074
0.961713	0.858278	0.850832	0.896356	0.743027	0.892986	0.81293	0.874279	0.791023	0.869287
0.945873	1.044065	0.819893	0.907745	1.233065	0.934811	0.901487	0.863196	0.974143	0.877659
0.828825	1.144885	0.884146	0.918125	1.038685	0.787325	0.760956	0.769508	0.783966	0.73227
0.970603	0.857151	1.11122	0.911608	0.767225	0.656785	0.996028	1.114644	0.93279	0.974677
1.513475	0.812295	0.922925	0.814626	0.752723	0.884074	0.996028	1.155559	1.247734	0.910249
1.305687	0.941311	0.794016	0.94243	1.020145	1.152768	0.940344	0.760777	1.074835	0.898689
1.399275	0.942679	0.953739	1.063351	1.182272	0.968672	0.832867	0.745676	1.050151	1.002742
1.302461	1.125675	1.173946	0.86737	0.694419	0.755259	1.044884	0.916146	1.055724	1.341368
1.052752	1.070827	1.273758	0.92076	0.773725	0.793418	1.037559	1.17506	1.214155	0.822186
0.838656	0.757102	0.904397	0.993979	1.16122	1.02066	0.913602	0.885652	1.004629	0.817955
0.849846	0.814329	1.264753	1.164075	1.013594	0.830776	0.809694	0.662372	0.807598	0.898689
0.99842	1.153704	1.123919	0.757504	0.644412	0.753389	0.730363	0.722205	1.25953	0.821124
0.854404	1.147073	0.996411	0.740601	0.793831	0.915422	0.958124	0.931523	1.007967	0.741879
0.850981	0.778158	0.817765	0.861567	1.018498	0.884074	1.123637	1.07329	0.742053	0.680219
0.845335	0.798316	0.994812	0.664004	0.791875	0.759022	0.854955	0.903957	0.824831	1.005976
0.882806	0.950978	0.894153	0.720148	0.802741	0.88031	0.717139	0.799947	0.862691	1.014166
0.797576	0.998134	0.711864	0.7676	0.915126	1.03114	0.914969	0.700773	0.745701	0.753518
0.726361	0.81535	0.754656	0.818785	0.859278	0.903399	1.059916	0.811666	0.648476	0.958379
0.773151	0.877891	0.943695	0.818785	0.846923	0.647185	0.809694	0.859564	0.881056	1.052159
0.990513	0.949584	0.814593	0.670638	0.71928	0.71674	0.780603	1.002473	0.942765	0.814809
0.847585	0.98134	0.736678	0.731107	0.92828	0.836385	0.708541	0.720451	0.706334	0.762687
0.653498	0.794404	0.925638	0.762982	0.756304	0.922247	0.758084	0.593809	0.652151	0.8553
0.796573	0.998134	1.016066	1.01153	0.816974	0.761865	0.767731	0.732881	0.768253	0.994763
0.611589	0.98134	0.733169	0.82193	0.707876	0.640661	0.729468	0.764636	0.83259	0.82861
0.604444	0.701799	0.795022	1.05248	0.90362	0.887871	0.900162	0.913408	0.737537	0.716989
0.875529	0.854907	0.82634	0.763901	0.825322	0.830776	0.947664	0.838386	0.730406	0.814809
0.94871	0.926543	0.986907	0.618885	0.654247	1.010426	1.11487	0.723966	0.882308	1.031024
1.004852	0.998134	0.768646	0.64469	0.7007	0.789347	0.905488	0.823709	1.124457	0.749004
0.717077	0.661983	0.922925	0.932816	0.801742	0.706573	0.826119	0.622178	0.75123	0.73836

0.691935	0.634853	0.912241	0.971133	1.306253	0.845513	0.637258	0.639988	0.881056	0.783569
0.637913	0.813311	0.920229	0.63982	0.650005	0.686128	0.744002	0.803112	0.934201	0.95548
0.846458	0.786683	0.89289	0.902646	0.615524	0.710781	0.876971	0.838386	0.696412	0.804484
0.783729	0.71215	0.990052	0.8167	0.81286	1.19966	0.898841	0.707517	0.828139	0.730545
0.737594	0.634179	0.833984	0.779842	0.825322	0.854837	0.675759	0.625682	0.72079	0.703035
1.028142	0.876712	0.958116	0.790477	0.865012	0.764728	0.748645	0.74475	0.767289	0.742764
1.003235	0.748257	0.839528	0.746752	0.749172	0.765686	0.804354	0.821494	0.764412	1.005976
0.750927	0.705751	0.943695	0.825099	0.964469	0.864366	0.774615	0.83155	0.719064	0.839532
0.637913	0.71215	0.965509	0.959423	1.068993	0.798563	0.703463	0.777419	0.698871	0.745427
0.622868	0.716197	0.822031	0.992418	1.068993	0.809037	0.801182	0.921675	0.822639	0.788458
0.760972	0.941311	0.79603	0.750306	0.795795	1.03114	0.908176	0.799947	0.891177	0.954038
0.784704	0.880257	0.712696	0.7676	0.968845	1.097899	0.838572	0.688404	0.688314	0.749903
0.751831	0.921294	0.760198	0.768529	0.880285	0.708251	0.826119	0.795763	0.66641	0.94267
0.845335	0.795379	0.800087	0.932816	0.789929	0.830776	0.950627	0.817098	0.754021	0.876453
1.175214	0.718644	0.803155	0.862721	0.841421	1.204904	1.17034	0.751278	0.857922	0.645613
0.844215	0.776286	0.62068	0.770394	0.89241	0.865571	0.986237	0.713505	0.883564	0.776815
0.82133	0.98134	0.765811	0.846833	0.838153	0.798563	0.766757	0.689218	0.835959	0.884965
0.717913	0.743035	0.782122	0.672872	0.670168	0.800637	0.733056	0.733782	0.869944	0.817955
0.722962	0.68031	0.812491	0.681924	0.566413	0.630001	0.672612	0.892101	0.863892	0.598699
0.857854	0.763403	0.727098	0.717658	0.688997	0.73245	0.521843	0.761739	0.816129	0.686395
1.142879	0.774422	0.82851	0.760234	0.767225	0.74143	0.630804	0.749403	0.868727	0.91813
1.026436	0.748257	0.762995	0.840198	0.715172	0.852487	0.751455	0.799947	1.137801	0.910249
0.757293	0.730248	0.884146	0.638438	0.757203	0.754323	0.744927	0.82482	0.96343	0.920789
0.688012	0.665587	0.741993	0.691949	0.911257	0.690141	0.664845	0.951916	0.950033	0.897423
0.774102	0.642335	0.854282	0.729403	0.762641	0.675865	0.734862	0.803112	0.841632	0.822186
0.922475	0.92391	1.067595	0.766672	0.717632	0.925008	0.669489	0.777419	0.84738	0.809616
0.78568	0.987372	0.922925	0.741474	0.941844	0.891701	0.827237	0.708367	0.888625	0.887428
0.819212	0.946809	0.816705	0.916814	0.899851	0.631408	0.892293	0.637089	0.668704	0.863404
0.757293	0.819456	0.906996	0.741474	0.811837	0.56979	0.753339	0.741063	0.794083	0.862237
0.85326	0.757102	0.880452	0.703811	0.79975	0.623037	0.765785	0.88951	1.035629	0.931591
0.955886	0.89967	0.784082	0.810507	0.932305	0.62097	0.81619	0.909332	0.837088	0.859912
0.784704	0.865099	0.74378	0.707838	0.742156	0.738717	0.938895	0.657045	0.683526	0.817955
0.630325	0.828841	0.931114	0.841297	0.819046	0.894274	0.8949	0.829295	0.871165	0.843979
0.74111	0.908444	1.041955	0.962321	1.049142	0.912721	0.926064	1.039166	1.163386	1.057607
0.964656	0.731931	0.849689	0.876818	1.243978	1.056626	1.02503	0.987649	0.978817	0.881297
0.960249	0.861675	1.233248	1.161768	1.005542	0.81977	0.783628	0.741982	0.793061	0.914171
1.13845	1.557248	1.45565	1.215598	0.986806	0.914069	0.773625	0.830421	0.85911	0.910249
1.445872	1.256218	1.105007	0.859267	0.983761	0.890421	0.859752	1.150818	0.893745	0.698215
1.339339	0.982841	0.831786	0.861567	0.766304	0.953624	1.106277	0.8063	0.831473	0.794399
0.902827	0.854907	0.903103	1.115946	1.020145	0.997146	0.976662	0.680349	1.180488	1.142069
0.88403	1.058132	1.034899	0.770394	1.095645	1.027619	0.773625	0.857159	1.447316	1.124664
1.223344	1.063527	0.840645	0.748526	0.728455	1.04188	1.167882	1.010932	1.00297	0.935713
0.798583	0.697883	0.879228	0.805412	0.707073	1.066103	0.828357	0.896017	0.797165	0.805506
0.803649	0.75443	0.999626	0.879213	0.747407	0.976396	0.844353	0.898648	1.037418	0.883739
0.802631	0.895964	0.896692	0.839102	1.152181	0.839786	0.776602	0.901294	1.059479	0.848472
0.879152	1.215852	0.90961	0.938284	1.011972	0.803768	0.786675	0.97804	0.675662	1.025898
1.042034	1.125675	1.261793	0.789499	0.909975	1.077755	1.091636	0.901294	0.759658	1.133279

0.88403	0.876712	1.139221	0.8044	0.965923	0.894274	0.910881	0.863196	0.906816	0.991612
0.874328	0.793431	0.935268	0.956545	0.779375	0.72715	0.879487	0.930103	0.879807	0.869287
1.114867	0.804252	0.800087	0.962321	0.747407	0.785313	0.876971	0.733782	0.906816	0.899958
0.702302	0.868551	0.740214	0.854705	1.043882	1.240626	0.973517	0.755053	0.893745	0.84064
0.943054	1.234223	0.815647	0.825099	0.936368	0.97329	0.898841	0.674011	0.75123	0.684843
1.031574	1.109285	0.985344	0.78561	0.693641	0.801678	0.976662	0.82482	0.999671	0.869287
1.080767	0.772566	0.955193	0.82829	0.894876	0.811163	0.927471	1.021306	0.991531	0.850736
0.788624	0.719463	1.001242	0.975607	1.015222	0.802722	0.700111	0.827052	0.801308	0.63929
0.761897	0.740447	1.132597	1.118022	0.80676	0.824139	0.737584	0.774435	0.928584	0.819009
0.899002	0.764311	0.904397	0.977109	0.838153	1.189359	0.882018	0.864414	1.160996	1.095788
0.775055	0.726068	0.820961	0.700616	0.766304	1.095842	0.910881	0.829295	0.770186	0.820065
0.709627	0.638238	0.873157	0.797383	0.891182	0.824139	0.853764	1.005837	0.689117	0.695031
1.084642	0.833078	1.117523	0.842398	0.855873	0.900773	0.735767	0.779419	0.731291	0.899958
0.822393	0.771641	0.903103	0.652455	0.682883	1.022389	0.838572	0.745676	0.853205	0.931591
0.688012	0.857151	0.801107	0.683451	0.805752	0.96562	0.779599	0.766578	0.703001	0.84175
0.666679	0.949584	0.845143	0.833662	0.842516	0.698279	0.751455	0.811666	0.651414	0.834037
0.676453	1.195765	1.038413	0.890156	0.886305	0.82634	0.868276	0.799947	1.01133	0.802448
0.777927	1.022135	0.89163	0.720148	0.909975	0.872878	0.849033	1.04467	1.084716	1.224978
1.065601	0.933194	0.772453	0.850189	1.111643	0.830776	0.967294	1.012644	0.887354	1.072479
0.740228	0.773493	1.090846	0.975607	0.948789	0.997146	1.063756	0.710928	0.792041	1.211747
0.781786	0.832015	0.82634	0.927416	0.797768	0.920874	0.854955	0.785476	0.839354	0.891149
0.840871	1.067162	0.860093	0.948021	0.908696	0.882815	0.949143	0.750339	1.001318	0.887428
0.941651	0.758893	0.875575	1.334741	0.983761	0.968672	1.059916	0.732881	0.804442	0.864574
1.031574	0.698664	0.778229	0.986229	0.894876	1.060392	0.845518	0.691668	0.729523	0.865748
1.035032	0.809261	0.938059	0.878014	0.71928	0.856017	0.754284	0.830421	0.892459	0.983832
1.1005	0.863955	0.716883	0.755693	0.572256	0.687729	0.747713	0.876781	1.076793	0.799412
0.945873	0.829897	0.787038	0.78755	0.640952	0.926395	1.085509	1.039166	1.113641	0.838427
0.992083	0.758893	0.693145	0.786579	0.782228	0.842067	0.882018	0.718704	0.974143	0.887428
1.332397	0.941311	0.845143	0.668415	1.049142	1.116863	0.859752	0.681948	0.839354	0.959835
1.228735	0.92391	0.916217	0.716831	0.896114	0.915422	1.083486	0.845331	0.690727	0.944074
0.787641	0.863955	1.026237	0.672872	0.726772	0.882815	0.99274	0.920286	0.688314	0.866924
0.709627	0.829897	0.906996	0.781756	0.769072	0.845513	0.716271	0.834955	0.698871	0.723714
0.966135	0.898431	0.86717	0.743226	0.759914	0.650117	0.712819	1.046521	0.765369	0.793403
0.925163	0.909712	0.841765	0.918125	0.827435	0.936229	1.01114	1.182604	1.247734	0.854155
0.758209	0.937233	0.839528	0.863879	1.018498	1.134444	0.986237	0.799947	0.871165	0.778734
0.83099	1.406312	1.011068	0.903915	1.031851	0.78331	0.81619	0.850024	0.742962	0.827532
0.71875	0.975391	0.973031	1.11388	0.750944	0.675085	0.744002	0.85836	0.769218	1.107929
0.996827	0.945428	0.89289	0.926077	0.740419	0.782312	0.787695	0.828172	0.81398	0.768283
0.953001	0.876712	0.870752	1.034946	0.813885	0.88031	0.694305	0.757905	0.98672	0.82861
0.777927	0.979846	0.979144	1.008286	0.7851	0.926395	0.806483	0.752218	0.96952	0.932961
0.834259	0.892289	0.781145	0.786579	0.924292	1.02066	1.165437	0.802055	1.165788	1.122536
0.82027	0.744769	0.82634	0.786579	0.871994	0.93908	1.06569	0.965551	1.124457	0.759916
0.742878	0.668492	0.903103	0.900119	1.013594	0.936229	0.732157	0.950427	0.824831	0.607685
0.955886	0.757102	0.910924	0.862721	0.715991	0.806922	0.614049	0.670097	0.876082	0.914171
1.01968	0.746509	0.912241	0.7512	0.652121	0.704902	0.62726	0.783448	1.039214	0.994763
0.722116	0.836283	1.047323	0.699027	0.844714	0.844361	0.828357	0.809511	0.692344	0.580656
0.859011	0.816373	1.009415	0.880415	1.042143	0.846668	0.916341	0.916146	0.613335	0.572207

0.762824	0.942679	1.332096	1.06889	1.12195	0.747829	0.615421	0.720451	0.837088	0.837326
0.891452	0.861675	0.770545	0.732818	0.92828	0.778342	0.649716	0.906636	0.927191	1.014166
1.016341	1.065341	0.697146	0.726859	1.035255	0.807978	0.782618	1.028362	0.87732	0.930226
0.697486	0.797335	0.757418	0.776986	0.76173	0.72891	0.965752	0.866859	0.803394	0.945484
0.791588	1.138387	0.91755	0.822984	0.734396	0.811163	0.821678	0.83155	0.881056	0.91813
0.82027	1.1113	1.033153	0.861567	0.899851	0.748751	0.733958	0.739231	0.954453	0.799412
0.905396	0.969522	0.686818	0.793423	0.909975	0.78431	0.876971	0.734686	0.799231	0.776815
1.008103	0.816373	0.777261	0.938284	0.846923	1.015513	0.949143	0.857159	1.037418	1.063125
0.882806	0.829897	0.938059	0.884042	0.764469	0.96562	0.733958	0.687592	0.935617	0.843979
0.854404	0.998134	0.988477	0.872068	0.828495	0.903399	0.887125	1.01956	1.001318	0.688733
0.94871	0.740447	0.894153	1.093744	0.996073	0.827445	0.964216	0.940146	0.838219	0.780662
0.927868	0.791492	0.904397	1.018093	0.933655	0.774409	0.670268	0.781429	1.055724	0.779697
0.849846	0.89107	1.075208	0.764823	0.783183	0.977957	0.693482	0.740146	0.840491	0.770165
0.94871	0.945428	0.89289	0.750306	0.715172	0.866781	0.898841	0.730187	0.665647	0.847345
0.722116	0.707342	1.017744	0.70301	0.665038	1.03114	1.17034	0.892101	0.912157	0.84622
0.633069	0.749133	0.875575	0.983168	0.786061	0.961083	0.738495	0.943059	0.916206	0.773953
0.848714	0.87203	0.906996	0.926077	0.965923	0.886601	0.699277	0.778418	0.761553	0.775859
1.123295	1.032119	1.107068	0.839102	0.954425	0.997146	0.819475	0.726621	0.747536	0.84175
0.880367	0.721928	0.797041	0.765747	0.997637	1.229318	1.009435	0.857159	0.75683	0.809616
0.844215	0.876712	0.793012	0.733676	1.067151	1.127768	0.94619	0.841845	0.761553	0.926157
0.709627	1.002829	1.024525	0.992418	0.898602	0.692566	0.798032	1.057792	0.947111	1.072479
0.825597	1.099346	0.854282	0.971133	0.911257	0.713325	0.656459	0.794724	1.032073	0.924808
1.031574	0.903409	0.815647	0.687293	0.769999	0.998784	0.780603	0.600397	0.90154	0.91286
0.759128	0.984346	0.849689	0.833662	0.940469	0.98585	0.733958	0.655534	0.736639	0.858755
0.895211	1.08963	0.89289	1.006673	0.89241	0.799599	0.879487	0.832682	0.876082	1.031024
0.844215	0.648554	0.765811	0.849068	0.669431	0.73334	0.864603	0.845331	0.838219	0.794399
0.897735	0.688626	0.711033	0.777936	0.912543	0.747829	0.685336	0.819291	0.950033	0.777774
1.033299	1.001259	0.744676	1.013161	0.865012	0.895566	0.691022	0.684358	0.989922	1.029309
1.040273	1.29761	1.143693	0.902646	0.66069	0.823043	0.718008	0.562288	1.023309	1.443899
0.98121	0.853789	0.935268	0.734535	0.82322	1.279551	1.033942	0.717833	0.767289	0.894903
0.90411	0.65275	0.804182	0.68884	0.867327	1.252235	0.996028	0.879297	0.862691	0.675645
0.864838	0.76522	1.049128	0.752095	1.109611	1.002079	0.863385	0.957923	0.921664	0.741879
1.096481	0.975391	1.222336	0.853571	0.711104	0.816522	0.864603	0.886934	0.957425	0.884965
0.934705	0.946809	0.829599	0.78561	0.840329	1.08171	0.783628	1.028362	0.843922	0.803465
0.757293	0.876712	0.70281	0.597655	0.784141	0.952148	0.818377	0.88822	0.683526	0.79241
0.818157	0.918694	0.933879	0.760234	0.866168	0.765686	0.821678	0.814917	0.745701	0.767346
0.891452	1.183667	1.474494	1.321244	0.988337	0.881561	0.761917	0.870553	0.981961	1.007601
0.960249	0.876712	0.91755	0.869713	1.059857	0.919504	0.796987	1.069364	1.07876	0.780662
0.796573	0.959439	0.746473	0.847949	1.035255	1.08171	0.887125	0.845331	0.730406	0.910249
0.717913	0.841679	0.844014	0.772267	0.788959	0.927786	1.123637	0.88951	0.763457	1.020831
0.931957	1.239619	1.014393	0.749415	0.681367	0.947748	0.913602	0.828172	0.81398	1.291638
1.170445	1.188466	0.814593	0.783679	0.859278	0.781316	0.902817	0.994175	0.964944	1.107929
0.943054	0.780981	0.70281	0.849068	0.935009	0.809037	0.936011	0.886934	0.834833	0.826458
0.893954	0.87203	0.932494	0.963778	0.983761	1.013811	1.033942	0.669318	0.83259	1.029309
0.990513	1.158181	1.178793	0.992418	0.887519	1.04188	0.987854	0.786494	0.874848	0.980759
0.899002	0.987372	0.990052	0.78561	0.69991	0.861964	0.984627	0.843004	1.137801	0.851873
1.026436	0.688626	0.777261	1.029821	0.802741	0.807978	0.981423	0.997475	1.007967	0.79241

0.972103	0.758893	0.830691	0.768529	0.951598	0.798563	0.743079	0.844166	0.947111	0.73574
1.170445	1.193318	1.123919	0.72433	0.822173	0.891701	0.901487	0.934379	0.908145	0.928865
1.280526	1.350317	0.968502	0.760234	0.750057	1.040072	1.069582	1.075267	0.898926	0.941269
0.827746	0.708939	0.835087	0.897607	0.943224	1.138953	0.879487	1.014363	0.884824	0.850736
0.805692	0.737875	0.810399	0.984696	0.913833	0.934811	0.759996	0.989271	1.160996	0.870473
0.90411	0.904662	0.873157	0.772267	0.846923	0.668132	0.75523	0.909332	1.103088	0.826458
1.040273	0.969522	1.027956	0.788524	0.792852	0.804817	0.961159	0.79785	0.752158	0.959835
0.99842	0.846043	0.980685	0.681163	0.813885	1.270253	0.910881	0.794724	0.733957	0.908949
0.780818	0.840594	1.041955	0.850189	0.943224	0.911377	0.751455	0.950427	0.705498	0.84064
0.841983	0.816373	0.745574	0.911608	0.911257	0.693378	0.708541	1.042828	0.928584	0.907653
0.917148	0.927865	0.711864	0.865039	0.82427	0.874108	0.808621	0.801	1.018135	1.198908
0.915826	0.760691	0.690762	0.818785	1.070844	1.32928	1.26347	0.803112	1.088732	1.034476
0.747332	1.078251	0.851979	0.817741	0.947391	0.858386	1.019769	0.801	0.825931	0.896161
0.848714	0.962296	0.904397	0.884042	0.764469	0.73245	1.160589	0.927275	0.809715	1.052159
0.914509	0.975391	0.904397	0.891389	0.735251	0.694191	0.901487	0.893403	0.902853	1.020831
1.018007	0.98134	0.697951	0.797383	0.74565	0.854837	0.772637	0.704132	0.944209	0.740116
0.797576	0.919992	0.753739	0.922083	1.059857	1.04552	0.815101	0.676377	0.769218	0.785518
0.944461	1.091556	1.069486	1.02308	0.941844	0.892986	0.986237	0.821494	1.048308	0.780662
1.056385	0.828841	1.067595	1.118022	0.73269	0.758078	0.897523	0.892101	1.262529	1.083977
1.035032	0.903409	0.791012	0.78561	0.737828	0.792397	0.745853	0.897331	1.367582	0.808585
0.882806	0.888644	0.820961	0.881621	0.803742	1.106225	0.761917	0.762702	0.938462	0.888665
1.175214	1.051041	0.844014	0.906465	0.750057	0.858386	0.799079	0.687592	0.888625	1.059438
0.933329	0.987372	1.137002	0.847949	0.803742	0.844361	0.908176	0.752218	0.964944	0.916806
0.895211	0.905919	1.11122	0.849068	0.835988	0.846668	0.827237	1.012644	0.938462	0.73574
0.900274	0.794404	0.968502	1.038397	1.042143	1.058505	0.725025	0.935813	0.80235	0.919457
1.060048	0.731089	0.980685	1.019749	0.912543	0.884074	0.709393	0.732881	0.994769	0.920789
0.897735	0.766132	1.113311	0.676621	0.74565	1.125565	0.738495	0.772458	1.025048	0.907653
0.763752	0.837357	0.977607	0.695081	0.696764	0.807978	0.804354	0.898648	0.808655	0.798405
0.728927	0.761593	0.936661	1.038397	0.786061	0.794442	0.776602	0.957923	0.719926	0.937095
0.868373	0.794404	0.871953	0.850189	0.830623	0.90737	0.748645	0.807368	0.977253	0.850736
0.979679	0.867397	0.753739	0.760234	0.90362	1.068023	0.784642	0.875528	0.867513	0.971668
0.805692	1.140542	1.21965	1.01153	0.944609	1.097899	0.84319	0.910686	0.823733	0.820065
0.777927	0.952377	1.188653	0.992418	1.09959	0.796498	0.975087	0.853577	0.739338	0.901231
0.988949	0.914822	1.011068	0.830431	0.939097	0.747829	0.817282	0.731083	0.61877	0.880081
0.877941	1.032119	0.698757	0.746752	0.889957	0.715029	0.769687	0.967092	1.11151	0.914171
0.960249	1.072671	0.849689	0.846833	1.035255	1.03114	0.991105	0.839536	0.742053	0.861073
0.734976	0.852674	1.050939	0.984696	0.863859	1.062287	0.979831	0.713505	0.822639	0.970171
0.735847	0.92391	0.772453	0.822984	0.787991	0.805868	0.897523	0.69744	0.871165	0.899958
0.846458	0.889855	0.697146	0.972619	0.722594	0.801678	0.919097	1.014363	0.925803	0.849603
1.006474	0.69169	0.728824	1.038397	0.893641	0.933397	0.987854	0.829295	0.667938	0.773003
0.783729	0.737021	0.815647	0.749415	0.842516	0.848986	0.664845	0.65403	0.718203	0.906361
1.123295	0.92391	1.014393	1.003464	0.865012	0.845513	0.748645	0.896017	0.824831	0.906361
0.996827	0.979846	0.811443	0.834745	0.770928	0.968672	1.155795	1.192871	0.819372	0.819009
0.76655	0.712956	0.787038	0.930108	0.762641	0.929182	0.952116	0.921675	0.869944	0.892397
0.649906	0.703376	0.895421	0.870889	1.117798	0.926395	0.685336	0.8063	1.679168	0.790429
0.86017	0.926543	1.247286	0.748526	0.988337	0.813299	0.664845	0.917521	1.313577	0.997937
1.234194	0.950978	0.980685	0.758412	0.69991	0.977957	0.796987	0.965551	1.080737	0.851873

1.011379	0.755319	0.99322	0.86854	0.807771	1.150435	0.94619	0.8063	0.778007	0.668126
1.161061	0.926543	0.996411	0.807443	0.82427	0.867993	0.703463	0.710928	0.740241	0.706278
0.978153	1.264762	1.009415	0.727705	0.870822	0.798563	0.738495	0.832682	0.889899	0.872855
1.029854	0.846043	1.038413	0.843503	0.85814	0.936229	1.332888	0.884373	0.825931	1.116216
0.764683	1.239619	1.196197	0.778888	0.964469	1.054755	1.102043	1.007529	0.767289	0.80653
0.957335	1.087713	0.967003	0.843503	0.82322	0.756196	0.698444	1.007529	0.845072	0.773953
0.943054	0.909712	0.712696	0.836918	0.744774	0.788335	0.798032	0.892101	0.811842	0.858755
0.913195	0.919992	0.912241	0.863879	0.92034	1.015513	0.875718	0.786494	0.944209	1.112052
0.839762	1.059923	1.036652	0.855841	1.105575	1.085701	1.067631	0.804172	0.758713	0.82325
0.711271	1.004406	1.079065	0.916814	1.095645	0.835257	0.944721	0.899969	0.729523	0.9526
1.052752	1.119456	0.895421	1.082096	1.165811	0.768574	0.904151	1.1652	0.955936	0.974677
1.024737	0.919992	0.795022	0.93691	0.770928	0.925008	1.039379	0.970192	0.96952	1.014166
0.671163	0.702587	0.68918	0.82193	0.871994	1.129982	1.251419	0.834955	0.820458	1.022513
0.769367	0.903409	0.741993	0.810507	1.040411	0.8572	0.892293	0.762702	0.739338	0.91813
0.918474	1.027098	0.875575	0.897607	0.715991	0.827445	0.978244	0.982818	0.850866	0.951168
1.006474	0.870867	0.988477	0.96087	0.771858	0.763772	0.858548	0.829295	1.109389	0.781629
0.91058	0.89351	0.777261	1.01153	0.90236	0.866781	0.81293	0.838386	0.931384	0.757162
1.018007	1.121519	0.939461	1.005065	0.92828	1.024125	0.892293	0.766578	0.895034	1.107929
0.868373	0.917399	1.181237	0.911608	0.645803	0.801678	1.132585	0.902624	1.007967	1.238624
0.756377	0.692459	0.925638	0.969652	0.822173	0.760915	0.853764	0.960958	0.869944	0.899958
0.783729	0.759791	0.785065	1.277057	1.281465	0.955106	0.914969	0.758861	0.93279	0.726263
1.142879	0.934536	1.045527	1.006673	0.804746	0.88031	0.798032	0.646583	0.760605	0.779697
1.016341	1.027098	0.935268	0.700616	0.632084	0.71674	0.754284	0.845331	1.084716	0.962763
0.803649	0.843855	0.906996	0.684984	0.717632	0.776371	0.909526	0.999135	0.937037	0.686395
0.726361	0.699445	0.910924	0.839102	0.967382	0.872878	0.704305	0.959438	0.85911	0.698215
0.893954	0.808255	0.968502	0.888926	0.840329	0.887871	0.818377	0.850024	0.809715	1.070592
1.163388	0.875537	0.82851	0.648908	0.762641	1.000428	0.831735	0.951916	1.239093	1.097788
0.680272	0.92391	0.885385	0.955112	0.825322	1.02066	0.803294	0.878037	0.90417	0.692659
0.749126	0.750012	0.973031	0.863879	1.00395	0.807978	0.897523	0.987649	0.744786	0.772055
0.757293	0.782873	0.967003	0.63024	0.829557	0.745991	0.710247	0.810587	1.01133	0.924808
0.82133	0.851562	0.693145	0.718487	0.802741	0.813299	0.669489	0.841845	1.039214	1.001135
0.815007	0.962296	0.610683	0.666204	0.957271	0.947748	0.762881	0.851205	1.041018	0.839532
0.837552	0.91226	0.750091	0.839102	0.965923	0.94484	0.917717	0.96864	0.767289	0.74365
0.813962	1.012375	0.886626	0.752992	0.7851	0.88031	0.784642	0.762702	0.75683	0.807556
0.99524	1.082011	1.038413	0.653168	0.886305	0.804817	0.754284	0.8063	0.590326	0.81065
1.056385	0.958017	0.880452	0.82193	1.000782	0.779331	0.904151	1.028362	0.823733	0.734001
0.797576	0.89351	0.84741	0.898861	0.808784	0.828552	0.962685	0.722205	0.726009	0.814809
0.740228	1.045799	0.820961	0.798378	0.911257	0.776371	0.743079	0.552072	0.712228	0.985377
0.873131	1.058132	0.700374	0.694295	0.85814	0.702407	0.857347	0.677169	0.831473	1.124664
0.982747	0.926543	0.571645	0.624859	0.894876	0.817602	1.059916	1.085288	1.109389	0.755336
1.021359	0.903409	0.673673	0.775092	0.841421	1.018937	0.952116	0.852389	0.874848	0.970171
0.777927	0.822562	0.795022	0.997117	0.873169	0.76761	0.736674	0.605069	0.712228	1.074374
0.717077	0.760691	0.768646	0.833662	0.73869	0.668132	0.842031	0.735591	0.766328	0.722868
0.896471	0.68939	0.682133	0.741474	0.794812	0.782312	1.067631	0.967092	0.87732	0.699015
1.112785	0.842766	0.838413	0.713539	0.891182	1.000428	0.798032	0.812747	0.803394	1.095788
0.954441	1.125675	1.178793	0.946616	0.840329	1.08171	0.72591	0.740146	0.765369	0.971668
1.140659	1.059923	0.942279	0.861567	0.71354	0.864366	0.784642	0.711786	0.889899	0.740997

0.874328	0.786683	0.760198	0.8877	0.69991	0.843213	1.18539	1.002473	0.967989	0.744538
0.919803	0.863955	0.845143	0.885258	0.805752	0.780322	0.83514	0.798898	0.934201	0.716156
0.982747	1.027098	1.241616	0.729403	0.736108	0.93908	0.72238	0.836096	1.090754	0.990045
1.534894	1.221022	1.052759	0.78561	0.694419	0.872878	0.802237	0.912045	0.873616	0.982293
0.934705	0.703376	0.879228	1.087881	0.715991	0.886601	0.920481	0.987649	1.014719	0.821124
0.722116	0.628161	0.738442	0.966705	0.912543	1.010426	0.68939	0.657802	0.895034	0.722868
0.701495	0.757102	0.765811	0.69273	0.986806	0.788335	0.592018	0.695783	0.977253	0.741879
0.828825	1.115359	0.842888	0.664004	0.867327	0.794442	0.765785	0.756952	0.834833	0.84622
0.756377	0.717011	0.901813	0.756598	0.643024	0.952148	1.032145	0.88951	0.726009	0.979231
0.676453	0.712956	0.940868	0.794409	0.640263	0.803768	0.839722	0.935813	0.96952	0.8576
0.862498	0.818426	0.765811	0.764823	0.845817	0.653068	0.619562	1.01956	1.216856	0.877659
0.849846	0.7886	0.970007	0.715182	0.751833	0.699926	0.838572	0.780423	0.846224	0.780662
0.71375	0.801274	0.913562	0.689615	0.820086	0.856017	0.830606	0.755053	0.669472	0.783569
0.671163	0.827788	0.900527	0.850189	0.789929	0.867993	0.618177	0.730187	0.809715	0.76641
0.793575	0.945428	0.770545	0.943821	0.92034	0.619597	0.646752	1.004151	0.879807	0.847345
0.807745	1.054572	0.825259	0.734535	1.052685	0.842067	0.750517	0.907982	0.909478	0.956927
0.751831	1.193318	0.875575	0.704613	1.284487	1.112576	1.18795	0.979627	0.714779	0.903788
0.72807	0.905919	1.024525	0.830431	0.973266	0.860768	0.901487	1.089362	0.664886	0.804484
0.65422	0.822562	0.855438	0.880415	0.791875	0.662044	0.887125	0.9416	0.776038	0.954038
0.847585	0.803257	0.728824	0.811533	0.8779	0.707412	0.75713	0.88056	0.852034	0.96868
0.652777	0.842766	0.703626	0.916814	1.054467	0.933397	0.838572	0.699103	0.944209	0.834037
0.801615	1.013986	0.84741	0.874437	1.177505	0.995514	0.892293	0.662372	0.700519	0.848472
0.761897	0.720283	0.80213	1.111824	0.851375	0.869209	1.311897	1.030144	0.794083	1.005976
0.918474	0.71215	0.733169	0.831505	0.654247	0.655294	0.868276	0.937253	0.923039	0.944074
0.848714	0.779097	0.672912	0.91944	0.668696	0.768574	0.818377	0.649546	0.902853	0.80653
0.866013	0.813311	0.788028	1.178183	0.822173	0.806922	0.838572	0.69085	0.862691	0.859912
0.81292	0.937233	0.922925	1.006673	0.876712	0.796498	1.02503	0.79059	1.065174	1.019155
0.803649	0.723579	1.033153	0.955112	0.740419	0.867993	1.012853	0.917521	1.019853	0.651312
0.813962	0.64925	0.709376	0.843503	0.915126	1.04552	0.81619	0.710928	0.841632	0.684843
0.906686	0.701013	0.699565	0.943821	0.913833	0.870429	0.826119	0.677169	0.861494	0.665896
0.98121	0.919992	0.932494	0.75389	0.682124	0.885336	0.874469	0.832682	1.146931	0.819009
0.819212	0.866247	1.31509	0.781756	0.830623	1.018937	1.172813	0.95341	1.165788	0.856449
0.768426	0.794404	1.214327	0.737991	0.868489	0.958084	0.796987	0.901294	0.918926	0.786496
0.825597	0.857151	1.273758	1.115946	0.954425	0.970206	0.678928	0.685164	0.853205	0.82969
0.992083	0.975391	0.939461	0.774149	0.723426	1.064191	0.744002	0.739231	1.01133	1.068713
0.844215	1.247839	1.01943	0.746752	0.816974	1.022389	1.032145	0.82482	0.910815	0.870473
0.82133	0.883832	0.985344	0.852441	0.898602	0.88031	0.784642	0.886934	0.703832	0.667382
0.819212	0.768877	0.914887	0.93146	1.015222	0.800637	0.634377	0.770489	0.81291	1.001135
0.74111	0.847141	0.72969	0.762982	0.882683	0.843213	0.75713	1.028362	0.863892	0.94267
0.975117	0.978356	0.717725	0.808462	0.944609	0.866781	0.964216	0.927275	0.900231	0.641387
0.869557	1.052803	0.925638	0.874437	1.115737	0.931987	1.061832	0.866859	0.90417	0.772055
0.913195	1.288402	0.968502	1.124309	1.189523	0.768574	0.875718	0.843004	1.306858	1.055783
0.93747	0.861675	0.703626	0.733676	1.000782	0.700751	0.695956	1.030144	0.892459	0.911552
1.098486	0.701013	0.666872	0.875626	1.325819	0.953624	0.759039	0.930103	0.736639	0.839532
0.862498	0.859407	0.817765	0.866203	0.883887	1.024125	0.981423	0.674011	0.690727	0.96868
0.984289	1.29145	1.198741	0.986229	0.684403	0.715029	0.857347	0.7284	0.776038	1.064979
1.302461	1.023783	0.878007	0.956545	0.863859	0.773431	1.063756	0.940146	0.939892	1.393558

1.042034	0.771641	0.690762	0.890156	0.957271	0.747829	1.108409	0.960958	0.81291	0.863404
1.024737	0.921294	0.806245	0.726859	0.720106	0.769541	0.93172	0.58475	0.585234	0.741879
1.073118	0.854907	1.08886	0.78755	0.749172	0.946291	0.850211	0.853577	0.793061	0.874051
0.953001	1.012375	1.031413	0.938284	0.899851	0.725398	0.869508	1.095546	1.028547	0.8553
0.85326	0.833078	0.879228	1.040132	0.810817	0.715029	0.981423	1.067414	0.988318	0.801434
0.823458	0.851562	0.943695	0.83583	0.73184	0.955106	0.776602	0.743825	1.07876	0.839532
0.901549	1.038905	0.910924	0.738859	0.770928	0.964103	0.771652	0.647322	1.035629	0.850736
0.861332	0.817398	0.797041	0.754791	0.768148	0.923625	0.74124	0.752218	0.861494	0.635125
0.699887	0.737875	0.996411	0.975607	0.788959	1.064191	0.950627	0.830421	0.865095	0.777774
0.791588	0.905919	0.971516	0.852441	0.736108	0.761865	0.742158	0.611832	0.863892	0.910249
1.116959	1.119456	0.961058	0.654597	0.887519	0.797529	0.651205	0.755053	1.018135	0.874051
1.021359	0.809261	0.86717	0.669896	0.798758	0.838649	0.762881	1.028362	0.94857	0.727116
0.624889	0.656278	1.060114	0.756598	0.991415	1.159843	1.119232	1.095546	0.964944	0.789443
0.875529	0.904662	1.100913	0.92341	1.063489	0.96562	0.709393	0.705821	0.800268	0.619519
0.859011	1.054572	0.741993	0.711903	0.994515	0.751528	0.794905	0.841845	0.941326	0.742764
1.011379	0.771641	0.788028	0.708648	0.822173	0.854837	0.815101	0.848846	0.801308	0.862237
0.66224	0.690922	1.23602	0.853571	0.800745	0.898161	0.909526	0.865635	0.782967	1.089842
0.728927	0.761593	1.014393	0.790477	1.018498	0.993888	0.859752	0.775428	0.661102	0.847345
1.098486	1.037198	0.769594	0.965239	1.168125	0.686928	0.7918	0.844166	0.871165	0.796397
0.879152	0.89967	0.79603	0.805412	0.899851	0.886601	0.973517	0.951916	0.892459	0.964235
0.81292	0.807251	0.612664	0.84461	1.439563	0.979524	0.897523	0.971751	0.674883	0.916806
0.873131	0.998134	0.878007	0.930108	0.953009	0.697459	0.712819	0.903957	0.679576	0.826458
0.984289	0.973916	1.157395	1.003464	0.643024	0.666602	0.82948	1.311621	1.037418	1.097788
0.95879	0.81027	0.737559	0.840198	0.767225	0.875341	0.973517	0.916146	0.912157	0.958379
0.735847	0.808255	0.737559	0.930108	0.917725	1.089729	1.030355	0.663906	0.924419	0.883739
0.88649	0.98134	0.842888	0.851314	0.925617	0.724524	0.858548	0.69085	0.838219	1.025898
0.90411	0.917399	0.758343	0.901381	0.701491	0.704068	0.961159	0.987649	1.025048	1.162522
0.925163	0.783822	0.929739	0.957982	0.727612	0.833011	0.917717	0.890804	0.975696	0.898689
0.90798	0.76522	0.761128	0.859267	0.833834	0.881561	0.987854	0.765606	0.937037	0.694239
1.202425	0.880257	0.760198	0.863879	1.043882	0.97484	0.834002	0.8226	0.853205	0.8553
1.060048	1.169581	1.141451	0.836918	0.743027	0.785313	1.01803	0.712644	0.961921	1.198908
1.038519	0.758893	0.988477	1.000279	0.752723	0.852487	0.901487	0.732881	0.928584	0.951168
0.825597	0.599883	0.791012	1.008286	0.924292	0.919504	0.68132	0.810587	0.977253	0.685618
0.838656	0.659121	0.814593	1.009905	0.887519	1.005398	0.770668	0.920286	0.783966	0.701423
0.819212	0.869707	0.89289	0.760234	0.756304	0.930582	0.733958	0.710073	0.72079	0.73574
0.681809	0.984346	1.23602	0.722653	0.755406	0.915422	0.978244	0.793686	0.810777	0.94267
0.797576	0.780038	1.139221	0.932816	0.870822	0.800637	1.001007	0.925868	0.808655	0.927509
0.951566	0.775353	1.295524	1.016443	0.832761	0.856017	0.868276	0.875528	0.822639	1.085923
1.013027	0.786683	0.862439	0.710272	1.063489	0.97484	0.930299	0.832682	1.146931	1.107929
0.73847	0.895964	0.79603	0.737124	1.011972	1.054755	0.828357	0.917521	1.063268	0.8576
0.685676	0.87203	0.935268	0.860416	0.964469	0.821949	0.752396	0.940146	0.754021	0.760838
0.737594	0.804252	1.107068	0.906465	0.933655	0.753389	0.685336	0.765606	0.685913	0.876453
1.084642	0.873196	0.825259	0.84461	1.038685	0.900773	0.705995	0.948944	0.683526	0.971668
1.250994	1.288402	0.820961	0.890156	1.154423	1.024125	0.84319	0.967092	0.856738	0.788458
0.797576	0.850452	1.011068	1.154918	1.152181	1.032912	1.087542	0.820391	0.726885	0.716989
0.805692	1.033805	1.026237	0.986229	0.893641	0.664317	0.847858	0.804172	1.144631	0.977708
0.914509	1.040618	0.942279	0.858122	1.018498	0.742339	1.056109	0.861982	1.044648	0.95548

0.99842	0.731931	0.741993	0.886477	1.21203	0.94921	0.952116	0.782437	0.703832	0.807556
0.78568	0.818426	0.837302	0.874437	0.810817	0.990655	0.958124	0.59775	0.728642	1.216991
0.83099	1.030439	1.105007	0.898861	0.682883	0.700751	0.839722	0.808438	0.779984	1.020831
0.95879	1.030439	0.815647	0.745868	0.69054	0.677428	0.851392	0.834955	0.955936	0.971668
1.031574	0.766132	0.690762	0.92341	0.939097	0.781316	1.128088	0.921675	0.928584	0.871662
0.838656	0.724407	0.727098	0.829359	0.79975	0.925008	0.898841	0.625682	0.906816	1.055783
1.021359	0.869707	0.947971	0.907745	0.810817	1.162228	0.959639	0.763668	1.009645	1.076278
0.881584	0.734469	0.819893	1.000279	0.826377	0.970206	1.163007	1.123409	1.253592	0.740116
1.036772	0.703376	1.084916	1.006673	0.730991	0.910037	0.986237	0.821494	1.057597	0.744538
0.867191	0.917399	0.935268	0.839102	0.869654	1.051037	0.738495	0.674011	0.94857	0.734001
1.028142	1.010769	0.823104	0.720981	1.010355	1.022389	0.782618	0.809511	0.93279	1.181548
0.909278	0.706546	0.943695	0.8167	0.819046	0.916778	0.984627	1.093475	0.783966	0.815855
0.791588	0.809261	1.203875	0.782716	0.800745	1.056626	0.803294	0.785476	0.81398	0.684069
0.845335	0.985857	1.166775	1.141535	0.894876	0.786318	0.686144	0.786494	1.037418	0.820065
0.887725	1.121519	0.977607	0.91944	0.894876	0.859575	0.887125	0.965551	0.941326	0.745427
0.776968	0.816373	0.886626	0.832582	0.859278	1.116863	1.106277	1.211445	0.820458	0.962763
0.632381	0.768877	0.949406	0.875626	0.880285	0.831892	0.871981	1.005837	0.909478	0.817955
0.732373	0.748257	1.014393	0.88283	0.988337	0.670438	0.782618	1.257142	1.200896	0.822186
0.783729	0.895964	0.865982	0.818785	0.921653	0.899465	0.761917	0.995822	1.086719	0.87525
0.945873	0.892289	0.835087	0.723491	0.854744	0.899465	1.056109	0.869318	0.852034	1.203998
0.70473	1.022135	0.965509	0.873251	1.134649	0.724524	0.845518	0.778418	0.804442	0.888665
0.765616	0.946809	0.787038	0.922083	0.694419	0.58471	1.006044	0.88056	0.828139	0.882516
0.871936	0.867397	0.693145	0.912904	0.612286	0.700751	0.936011	0.853577	0.961921	0.858755
0.794572	0.87203	0.704443	0.763901	0.804746	1.102042	0.975087	0.624979	0.83259	0.886195
0.764683	0.976871	0.822031	0.870889	0.871994	0.779331	0.910881	0.803112	0.706334	0.817955
0.915826	1.261895	1.244442	0.966705	0.720106	0.726273	1.134851	0.935813	0.770186	1.050358
0.99842	0.960865	1.056421	0.971133	0.795795	0.967143	1.228276	1.315048	1.004629	0.843979
0.791588	0.806249	0.896692	1.050694	0.947391	1.134444	1.125857	0.907982	1.387187	0.758996
1.042034	0.937233	0.837302	1.070752	0.628052	0.872878	0.793868	0.666217	1.070945	0.946898
0.99524	1.09349	1.049128	0.8044	0.634115	0.775389	0.671048	0.677962	1.300241	1.120419
0.881584	0.850452	1.264753	0.803391	0.775601	0.933397	1.035747	0.916146	1.013021	0.711189
1.009738	0.720283	0.918888	0.778888	1.085938	1.075791	0.83514	1.065472	0.861494	0.709546
1.172823	0.918694	1.123919	0.874437	1.206927	0.912721	0.82948	0.776422	0.8603	1.010871
1.001624	1.259047	1.060114	0.945216	0.868489	1.157472	0.826119	0.733782	1.23625	1.037956
0.896471	0.926543	0.916217	0.719317	0.734396	1.027619	0.920481	0.88822	0.887354	0.701423
0.93747	0.880257	0.945116	0.86737	0.955846	0.774409	0.914969	1.097627	0.817207	0.773003
1.256742	1.09349	1.360773	1.05248	1.194425	0.890421	0.94619	1.266273	1.137801	1.082039
1.065601	0.914822	1.041955	0.770394	1.061669	0.989047	0.901487	1.622317	1.29697	1.131109
0.805692	0.998134	0.933879	0.72433	0.901103	1.083701	0.815101	0.866859	0.700519	0.859912
0.748228	0.846043	1.113311	1.11388	0.904883	0.995514	0.920481	0.784461	0.595479	0.809616
0.873131	1.279386	1.211691	1.159473	0.916424	0.916778	0.852577	0.79059	0.707171	1.12895
1.184913	0.949584	0.787038	0.791457	1.255172	1.150435	0.880751	0.967092	0.942765	1.114129
0.925163	0.972447	0.768646	0.865039	1.149951	1.08171	1.486012	1.38188	1.19313	0.964235
0.984289	1.410315	1.02282	0.839102	0.97475	0.74143	1.032145	0.847671	0.935617	1.068713
1.016341	2.101316	1.050939	1.034946	1.085938	0.786318	0.773625	0.754106	1.030306	1.139855
1.226031	0.945428	1.071385	1.008286	1.329168	0.895566	0.926064	1.281931	1.679168	1.209149
1.250994	0.867397	1.20907	1.050694	1.515118	0.970206	1.021516	1.057792	0.927191	1.142069

1.19988	1.276421	1.196197	1.06152	0.911257	1.008744	1.26347	0.777419	0.952975	1.466728
1.016341	1.439417	1.33909	0.965239	0.80676	0.820859	1.160589	0.956414	1.140066	0.896161
0.896471	0.938589	0.777261	0.796389	0.851375	0.752457	1.069582	1.046521	1.050151	0.798405
1.302461	0.811281	0.832884	0.885258	1.570027	1.215586	1.119232	0.861982	0.910815	0.938482
1.161061	1.20821	1.264753	0.901381	1.042143	2.538346	0.92187	0.743825	1.206151	1.294782
1.180037	1.178921	1.183695	1.001869	0.758105	1.079728	1.093698	1.1652	1.627387	1.107929
1.054565	0.824645	0.760198	1.008286	0.733542	1.066103	1.351191	1.281931	1.501195	0.848472
1.098486	1.002829	1.096858	1.159473	0.871994	1.012115	0.989476	0.836096	1.300241	1.230385
1.060048	1.841679	1.589594	0.971133	1.342826	1.19966	0.728576	0.920286	1.411945	1.466728
1.819128	1.109285	1.102955	0.927416	1.124041	1.150435	1.659155	1.225216	1.090754	1.227673
1.299259	1.033805	0.970007	1.210419	0.947391	1.907689	1.88273	1.123409	0.831473	0.824317
0.824526	0.995032	1.225038	1.256543	1.16122	1.068023	0.914969	0.899969	1.170633	1.053967
0.969109	1.074523	1.21965	1.304942	1.600324	1.125565	0.926064	1.206057	1.926469	1.191383
1.339339	1.418433	1.908563	0.834745	0.93773	1.229318	1.576393	2.180579	1.178003	1.103844
0.863666	0.975391	1.577221	0.792439	0.854744	1.095842	1.123637	1.59525	1.180488	0.872855
0.979679	1.336529	2.194172	1.150411	1.015222	1.114714	0.798032	1.17756	1.383195	0.863404
1.236949	1.406312	1.186167	1.461144	1.547224	1.176816	1.063756	1.280377	1.72034	1.381834
2.199677	1.346828	1.084916	1.003464	1.485224	1.347208	2.703598	1.790795	0.931384	1.401553
1.104557	1.375553	1.949694	1.274067	1.34982	1.089729	0.825005	0.899969	0.828139	0.956927
1.078842	1.418433	1.143693	1.122203	1.21203	0.865571	0.740323	1.170102	1.345168	1.181548
1.473567	1.065341	0.621355	1.11388	1.031851	0.94484	1.144035	1.751466	1.323332	1.947238
1.192332	1.049287	0.95229	0.91944	1.480436	1.691951	1.311881	1.301497	1.756342	1.457056
1.184913	2.966617	1.42452	1.152659	2.157129	1.907689	1.322266	1.071323	1.061369	1.906671
2.175023	1.439417	2.045885	1.489564	1.187092	0.93908	1.09785	1.965859	1.290502	0.85331
1.370417	1.452512	1.222336	1.741055	0.943224	1.401742	1.595652	1.331252	0.645251	0.861164
1.368274	1.369346	1.672305	1.08278	1.668109	1.345764	1.372002	1.39824	0.869018	0.865091
1.654162	1.023575	0.596647	1.132526	1.289786	2.860338	1.385121	1.123409	1.092785	1.080677
0.678876	0.169719	0.383183	1.3973	1.182272	1.591236	1.562878	1.790795	1.168204	2.298712
0.339438	0	0.127289	3.580253	0.725427	0.429858	1.534521	2.45232	1.501942	1.609792
0.169719	0.084859	0.409872	0.268581	0.13429	0.167863	0.298861	1.394092	0.722225	1.058849
1.215192	0.692456	2.194172	1.594228	0.201436	0.067145	0.100718	0.050359	0.062949	0.890537
1.379641	1.52466	1.219929	1.286155	2.391212	0.13429	0.117504	0.075538	0.069243	1.623025
1.741922	1.153704	1.186817	1.203373	0.601686	0.919461	1.291874	2.05062	0.644852	1.288517
0.670544	0.310339	0.732021	1.271096	1.237235	1.264554	1.63694	1.214165	0.392096	0.06967
0.620677	0.155169	0.232754	1.39336	1.960423	2.255898	0.885763	0.139341	0.139341	0.104505
1.788545	0.077585	0.058189	0.053339	0.724562	0.557362	0.278681	0.139341	0.139341	1.435093
0.271159	0.038792	0.04849	0.055764	0.390163	1.604271	0.139341	0.104505	3.314526	0.019595
0.406738	0.154975	0.101733	1.661466	1.070844	0.730503	0.06967	0.087088	0.03919	0.009797
1.518732	0.280857	1.657379	0.830585	1.371503	1.631577	0.109109	0.078379	0.058784	0.004899
1.668855	0.899794	0.590325	0.917663	0.874124	0.148548	0.054555	2.132807	3.063801	0.002449
2.387076	1.109687	1.004741	1.861014	0.297096	0	0	0	0	0.001225
1.31958	1.214633	1.353424	0.594193	0.217415	0	0	0	0	1.729033
1.72459	0.808114	0.183645	0.137734	1.706431	0.016145	0	1.666371	1.241954	0
0.401596	0.36729	0.091823	0.064579	0.032289	1.305363	8.75E-04	2.19E-04	0	0
0.332985	2.028765	0.037335	0	0.007	0.00175	4.38E-04	0	0	0
0.29868	0.07467	0.018667	0.014001	0.0035	8.75E-04	4.38E-04	4.38E-04	0	0
0.14934	0	0.009334	2.241133	1.581893	4.38E-04	4.38E-04	1.53989	1.874207	0

1.238066	0.07467	0.004667	0.024501	2.724427	0.694672	0.347555	1.347098	1.443494	0.721747
1.47836	1.418433	0.039668	0.521514	1.388907	1.488763	1.154306	1.845565	1.886695	1.08262
1.014681	1.149272	1.003359	2.549968	2.817181	1.289052	1.551974	1.01956	0.50978	1.003353
2.088396	1.081976	1.225166	0.924741	1.335943	1.305363	1.035747	1.52849	0.924085	0.963719
1.707923	1.30106	1.520145	1.525257	0.961576	1.354592	2.409354	2.558775	1.303537	0.82861
0.897735	0.892289	1.559297	1.280069	0.988337	1.995905	1.92265	1.01956	1.475873	0.993184
1.110713	1.067162	1.883158	1.389455	1.443919	1.445365	0.93745	1.141488	1.047197	1.572351
1.691872	1.350317	1.109139	0.815662	1.042143	1.258159	0.976662	0.890804	1.074835	0.893648
1.220674	0.865099	1.137002	0.814626	1.097613	1.725608	1.211694	1.551597	1.033848	0.824317
0.695893	0.91226	1.703789	1.39336	1.101576	1.176816	1.222678	1.123409	1.313577	0.901231
0.694305	1.049287	1.121777	1.223484	1.325819	0.797529	0.718008	0.675587	1.101008	0.996347
1.407384	1.326467	1.016066	0.701412	0.961576	1.036477	0.983022	0.698271	0.647744	0.951168
0.802631	0.82569	0.895421	0.703811	1.371503	0.950676	1.195721	1.190282	0.734849	0.899958
0.752736	0.900913	0.862439	0.990862	0.816974	0.864366	0.765785	0.853577	0.90154	0.609635
0.760049	0.674361	0.900527	0.838008	0.90362	0.612122	0.751455	1.130101	0.787984	0.601248
0.746437	0.959439	0.602849	0.596401	0.692863	0.616183	0.635815	0.784461	0.752158	0.673376
0.896471	0.793431	0.762995	0.540663	0.685929	0.615504	0.81619	0.8063	0.620826	0.698215
0.605734	0.701799	0.818828	0.676621	0.734396	0.587248	0.441202	0.499548	0.607301	0.504292
0.632381	0.640965	0.490082	0.664736	0.712727	0.417703	0.349862	0.577133	0.61877	0.554637
0.717913	0.683316	0.530318	0.519178	0.587829	0.561317	0.429852	0.504311	0.594832	0.563919
0.635138	0.534718	0.50377	0.435973	0.582375	0.612796	0.584915	0.499023	0.486591	0.513069
0.518774	0.565792	0.548773	0.488821	0.634794	0.680572	0.572293	0.521127	0.444799	0.496189
0.533842	0.546661	0.620006	0.562687	0.546004	0.580932	0.544581	0.670097	0.535087	0.525235
0.538798	0.548869	0.505835	0.386541	0.517601	0.521269	0.60256	0.474	0.565442	0.612249
0.534938	0.59802	0.544792	0.353467	0.487057	0.452191	0.505538	0.397324	0.472209	0.447813
0.471703	0.571582	0.558011	0.452734	0.416273	0.480107	0.432549	0.461287	0.501988	0.47418
0.477435	0.461467	0.558595	0.484929	0.449559	0.464484	0.42186	0.562896	0.470262	0.434553
0.524631	0.481843	0.535828	0.402669	0.450003	0.543124	0.496041	0.622876	0.687512	0.720339
0.556894	0.563497	0.655038	0.597655	0.721763	1.093794	1.433253	0.24802	0.12401	0.062005
1.42407	1.323165	0.281748	0.140874	0.070437	0.035219	0	0	0	0
0.016129	0	0	0	0	0	0	0	0	0
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0	0	3.359608	1.378244	1.27239	1.467644	3.418186	1.66422	2.239167	0.383707
1.228238	1.240358	1.175864	0.966371	1.351571	1.785846	1.583717	1.096343	0.973962	0.767414
1.395473	1.252478	1.904763	1.990847	1.409563	1.105888	0.889863	1.278094	1.04102	0.776942
1.340379	1.844646	1.856726	1.378244	1.102373	0.865448	0.688555	0.872376	0.915886	0.873659
1.191783	1.353256	0.826853	0.860513	0.704025	0.76196	0.765866	0.854994	0.981606	1.058382
0.9652	0.78391	0.679726	0.839274	0.613848	0.684569	0.892345	0.664864	0.876615	0.812042
0.653668	0.75347	0.962828	0.774527	0.736147	0.724067	0.910123	0.850474	0.681781	0.695487
0.786895	0.684431	0.743132	0.737607	0.708118	0.691559	0.809866	0.720316	0.823122	0.650753
0.669636	0.591724	0.596055	0.709205	0.713082	0.738655	0.962405	0.774361	0.686446	0.682893
0.815929	0.637651	0.69434	0.69177	0.708941	0.743923	0.746764	0.728728	0.62394	0.759013
0.803679	0.862228	0.768358	0.694889	0.636962	0.795447	0.607825	0.579293	0.723982	0.815186
0.834979	0.86683	0.754662	0.62561	0.528749	0.76104	0.692463	0.758611	0.823122	0.713422
0.623394	0.674663	0.837599	0.69177	0.626613	0.749256	0.795694	0.658315	0.589467	0.553094
0.552425	0.582012	0.575347	0.611823	0.746805	0.67017	0.635163	0.52238	0.63214	0.57979
0.73236	0.591724	0.590477	0.567041	0.690389	0.799444	0.634475	0.631024	0.826347	0.652196
0.709889	0.646612	0.67897	0.739337	0.668074	0.823168	0.991113	0.73644	0.66958	0.788659
0.684679	0.674663	0.884664	0.653857	0.798295	0.921501	0.834203	0.791684	0.64902	0.648597
0.694745	0.772592	0.719292	0.852567	0.740556	0.593186	0.636542	0.901722	0.865849	0.612832
0.802673	0.820785	0.73361	0.781156	0.69997	0.554391	0.627658	0.718653	0.80018	0.698693
1.021227	0.786786	0.633832	0.581261	0.808538	0.815809	0.978793	0.70638	0.558112	0.794639
0.767945	0.845394	0.576538	0.673516	0.85788	0.730015	0.59887	0.696017	0.536551	0.632414
0.744486	1.166105	0.811218	0.807719	0.838575	0.857344	0.670267	0.805652	0.654796	0.697087
0.871055	0.920953	0.843072	0.979731	0.705658	0.741281	0.773369	0.944214	0.932095	0.872457

0.854902	0.985826	0.690446	0.812822	0.611208	0.607143	0.775266	0.675253	0.790139	0.826916
0.696314	0.832381	0.630443	0.800675	0.695952	0.745694	0.812964	0.691316	0.572303	0.687573
0.734071	0.899235	0.883453	0.621626	0.743223	0.714882	0.61172	0.725344	0.527783	0.702735
0.78981	0.792595	0.986696	0.611178	0.560348	0.725758	0.716685	0.847114	0.780326	0.695487
0.884183	0.749039	0.702233	0.811796	0.77754	0.917531	0.801711	0.707188	0.967941	0.971835
0.700263	0.602916	0.670743	1.42607	0.916204	0.817899	0.836386	0.575099	0.742259	0.83345
1.072288	0.571926	0.699059	0.849205	0.794264	0.697075	0.850843	0.73644	0.728264	0.78965
0.980052	0.985826	0.920012	0.63916	0.665829	0.736045	0.824517	0.760435	0.81886	0.790643
0.878167	0.816644	0.914783	0.753431	0.838575	0.782706	0.76773	0.942821	0.967941	0.610199
0.693962	0.738584	0.989774	0.940823	0.705658	0.747471	0.680841	0.745173	0.845085	0.689144
0.907836	0.735155	0.875071	1.017509	0.709766	0.759206	0.757576	0.668546	0.842838	0.711761
0.831745	1.094094	0.847502	0.682547	0.648997	1.067023	0.898611	0.775305	0.865849	0.853664
0.689296	0.695982	0.684288	0.602237	0.615839	0.832816	0.794699	0.874747	0.703994	0.769303
0.824293	0.620264	0.752868	0.69177	0.761435	0.766589	0.61565	0.856131	0.776462	0.669149
0.927465	0.788714	0.729349	0.81488	0.674116	0.645539	0.558402	0.719484	0.797143	0.767414
0.687752	0.765208	0.69434	0.684835	0.727461	0.917531	0.756665	0.64271	0.746727	0.786684
0.586461	0.845394	0.813271	0.705181	0.656966	0.817899	0.828795	0.681302	0.615228	0.642192
0.685445	0.745526	0.708653	0.855955	0.761435	0.662047	0.731035	0.712065	0.750334	0.782761
0.643109	0.675407	0.898209	0.84366	0.70484	0.676175	0.61172	0.713702	0.796136	0.798671
0.767019	0.592338	0.684288	0.706786	0.684118	0.541454	0.616968	0.7839	0.820986	0.832354
0.692401	0.616348	0.540503	0.646797	0.690389	0.556681	0.5695	0.69523	0.660649	0.639376
0.609656	0.688247	0.615184	0.669808	0.621866	0.659131	0.635163	0.656154	0.568712	0.614155
0.618766	0.642453	0.824736	0.792762	0.677936	0.673162	0.64915	0.664864	0.591976	0.550799
0.6452	0.586841	0.718464	0.661035	0.696753	0.663513	0.671014	0.670027	0.809419	0.697087
0.631443	0.547413	0.672972	0.819025	0.770836	0.76196	0.596975	0.600262	0.600229	0.646451
0.586461	0.579021	0.666321	0.870949	0.702398	0.787562	0.698792	0.55929	0.598311	0.697087
0.651536	0.588056	0.532346	0.655998	0.537545	0.673913	0.599504	0.579293	0.593867	0.547946
0.635525	0.645916	0.50723	0.482557	0.529839	0.750151	0.634475	0.70477	0.659178	0.531215
0.563862	0.715943	0.613883	0.615066	0.586275	0.705079	0.631053	0.552444	0.766009	0.574318
0.589524	0.74291	0.707039	0.586715	0.632792	0.576048	0.660674	0.682064	0.764135	0.694689
0.696314	0.678394	0.650479	0.596585	0.619848	0.674666	0.686226	0.6634	0.729989	0.670654
0.569109	0.616348	0.693558	0.671287	0.678704	0.668682	0.657764	0.716171	0.649738	0.663177
0.677845	0.645221	0.865685	0.829564	0.677936	0.687662	0.80679	0.746056	0.572303	0.621501
0.800669	0.728375	0.649067	0.572319	0.692765	0.670916	0.794699	0.790703	0.644738	0.616812
0.7957	0.785825	0.685053	0.609246	0.822226	0.724912	0.676278	0.738173	0.810458	0.88835
0.63416	0.807469	0.811218	0.735025	0.819029	0.775997	0.837481	0.675253	0.606687	0.595997
0.752464	0.81871	0.857636	0.84587	0.81691	0.671664	0.738829	0.776252	0.646874	0.584094
0.812834	0.806462	0.658328	0.907663	0.804412	0.703466	0.739703	0.829623	0.785205	0.723526
0.697101	0.744652	0.626411	0.778303	0.780445	0.796443	0.945205	0.756795	0.732589	0.7857
0.750678	0.893049	0.631119	0.801674	0.85788	1.065168	0.977277	0.817993	0.698333	0.660221
0.788836	0.852049	0.776787	0.842559	0.748607	0.856198	1.038951	0.796621	0.814639	1.003115
0.9652	0.706247	0.723454	0.776411	0.632792	0.817899	0.991113	0.82642	0.853042	1.083011
0.764253	0.748158	0.681241	0.775468	0.80647	0.978234	0.769601	0.788749	0.927986	0.73213
0.864059	0.761563	0.871527	1.009363	0.793262	0.714057	0.814002	0.68821	0.851897	0.702735
0.708269	0.66876	0.653317	0.757931	0.762366	0.759206	0.815042	0.688985	0.766009	0.821545
0.660854	0.726697	0.771149	0.641229	0.759579	0.801456	0.698792	0.666333	0.704809	0.834549
0.697889	0.608622	0.714349	0.794727	0.846421	0.78952	0.620946	0.832849	0.681008	0.669149

0.812834	0.746401	1.023482	0.838184	0.575233	0.714057	0.643501	0.759522	0.737837	0.926048
1.182266	0.910597	1.045741	0.720676	0.677169	0.778859	0.780043	0.699974	0.741371	0.810998
0.808741	0.988879	0.761913	0.728214	0.77754	0.946118	0.966813	0.837189	0.663606	0.617478
0.643109	0.787749	0.709462	0.750753	0.65843	0.781741	1.026912	1.260404	0.781297	0.621501
0.739247	0.924901	0.988232	1.055285	0.899273	0.754655	0.747655	0.867672	0.886415	0.92334
0.842618	0.897991	0.865685	0.939447	0.837466	0.696283	0.680841	1.078877	1.075994	1.176136
0.860602	1.017365	0.666321	0.805695	0.881749	1.082154	0.763085	0.890483	0.799165	1.062082
0.744486	0.878551	0.728502	0.771717	0.933822	1.0064	1.230991	0.895442	0.765071	1.121722
0.701852	0.947977	0.892	0.991962	0.879302	0.784642	0.884943	0.828553	0.925268	0.964355
0.745365	1.069435	1.143882	0.761564	0.713914	0.76939	1.121268	0.731284	1.060923	1.02987
0.868711	0.966489	0.726813	0.768924	0.724034	0.921501	1.092718	0.80464	0.699943	0.82476
0.797681	0.793571	0.799103	0.826376	0.884209	0.933635	0.792716	0.734715	0.773586	0.959928
0.752464	0.842104	0.828981	0.815912	0.817968	1.067023	0.799696	0.805652	0.80018	0.77598
1.016272	0.950774	0.796127	0.733312	0.614511	0.749256	0.898611	0.980569	0.855343	0.647165
0.916886	0.830249	0.768358	1.012603	0.636264	0.822109	1.073416	0.910668	0.742259	0.671409
0.754257	0.806462	0.681241	0.801674	0.781417	0.953211	0.749442	0.585356	0.689584	0.77025
0.7957	0.849819	0.766506	0.742818	0.691972	0.847142	0.649862	0.600894	0.721432	0.755331
0.904015	0.700689	0.766506	0.705181	0.602737	0.850516	0.720857	0.909379	0.933474	0.68679
0.736652	0.622235	0.762828	0.876856	0.709766	0.995228	0.995824	0.961285	0.917214	0.57979
0.719732	0.893049	0.997565	0.973742	0.956536	0.779818	0.799696	0.991319	0.8889	0.759013
0.927465	1.281535	0.971625	0.793743	0.896726	0.843794	0.811929	0.800612	1.035746	0.734744
0.847045	0.854291	0.888316	0.736745	0.795268	0.929553	0.949442	0.762266	0.789148	0.962874
0.793728	1.062121	1.069202	0.774527	0.926961	1.181167	1.030318	0.848231	0.836166	0.705995
0.885396	0.900483	0.791211	1.110702	0.922896	0.784642	0.715027	1.12499	1.403583	0.786684
1.014633	1.124403	0.737048	0.844763	0.864904	0.636478	0.718349	1.03204	0.829595	1.324395
1.16806	1.130727	0.805119	0.714903	0.980503	0.75647	0.866971	0.98822	0.666583	1.065813
0.859456	1.712947	0.925305	0.890143	0.86255	0.791487	0.808838	0.795629	0.641202	0.750772
1.03131	1.143658	1.29515	1.10463	0.872044	0.784642	0.746764	0.782936	0.587596	0.873659
1.136615	0.905511	1.135161	1.055285	0.713914	0.840471	0.808838	0.837189	0.651898	0.74626
0.753359	0.917041	0.787317	0.964911	0.709766	0.912292	0.901143	0.750499	0.911927	0.878501
0.682389	0.761563	0.769286	0.898815	0.855564	0.941917	0.956596	0.708807	0.74943	0.666899
0.854902	0.953589	0.700643	0.755225	0.77754	0.765659	0.870506	0.743413	0.72569	0.719288
0.960842	0.867988	0.962828	0.790806	0.600163	0.821053	1.042453	1.040664	0.930721	1.006371
0.907836	0.773524	1.007104	0.878047	0.747705	0.760122	0.798692	0.854994	0.97548	0.84344
0.983084	0.955004	0.777734	1.160308	0.965369	0.920174	0.707646	0.652575	0.748527	0.817296
1.303658	1.128608	0.823681	1.064349	0.713914	0.877294	0.743219	0.64691	1.013606	0.845691
0.842618	0.858808	0.910902	0.723174	0.639061	0.957524	0.859986	0.724502	1.068393	0.783739
0.657246	0.65222	0.847502	0.653146	0.677936	0.778859	0.857682	0.917173	0.75306	0.710105
0.59634	0.560923	0.811218	0.719019	0.801342	0.877294	0.787798	0.879529	0.708083	1.011301
0.635525	0.738584	0.878643	0.762478	0.764234	0.794453	0.687001	0.897943	0.794128	1.098892
1.052207	0.897991	0.862217	0.757027	0.747705	0.800449	0.617628	0.913258	0.867032	0.719288
0.804687	0.978287	0.757367	0.796701	0.831962	1.026246	0.776217	0.765027	0.668829	0.697889
0.705852	0.828128	0.705431	0.85709	0.916204	0.810629	0.892345	0.749606	0.593235	0.695487
0.636209	0.834523	0.849734	0.970779	0.78533	0.686886	0.726765	0.72115	0.742259	0.876074
0.886613	0.791622	0.691222	0.664669	0.779474	0.609081	0.781969	0.958393	0.904115	0.854815
0.871055	0.906777	0.656173	0.794727	0.988272	0.867791	0.807813	0.781016	0.76134	1.075283
0.659407	0.707848	0.668526	0.787889	0.795268	0.830654	1.002186	0.68821	0.711382	0.826916

0.790786	0.861085	0.756463	0.869777	0.695153	0.701059	0.881288	0.600894	0.616557	0.733871
0.826409	0.854291	0.738778	0.672772	0.654051	0.696283	1.025219	0.699179	0.766009	0.721826
1.009752	0.698329	0.653317	0.714084	0.755891	0.730015	0.834203	0.846	0.684886	0.787671
0.849275	0.867988	0.79317	0.683308	0.799308	0.896946	0.786821	0.649734	0.721432	0.836755
0.851517	0.976794	0.848616	0.710826	0.716422	0.902002	0.823454	0.788749	0.792129	0.64788
0.923468	0.748158	0.798109	0.993516	0.727461	0.735178	0.946613	0.82642	0.840603	0.663919
0.849275	0.729217	0.887095	1.162599	0.802363	0.705887	0.880077	0.633745	0.793127	0.735619
0.794713	0.959275	1.076684	0.729059	0.691972	0.787562	0.780043	0.751393	0.905407	0.878501
0.804687	0.695982	0.737912	0.618334	0.726602	0.748363	0.848588	0.822186	0.748527	0.889596
0.66013	0.535926	0.763744	0.709205	0.700778	0.948942	1.03375	0.851599	0.766949	0.716764
0.549612	0.571926	0.968673	0.927254	0.758654	0.907117	0.871691	0.890483	0.877828	0.694689
0.656528	0.670228	0.781542	0.895077	0.880524	0.81166	0.672511	0.964197	1.05358	0.693098
0.844826	0.747279	0.876258	0.778303	0.739671	0.750151	0.671762	0.676004	0.773586	0.882168
0.9652	0.89675	0.691999	0.615718	0.69997	0.764731	0.809866	0.772478	0.621914	0.803765
0.673348	0.742041	0.70463	0.760653	0.955081	0.837174	0.764937	0.754085	0.72569	1.056544
0.810783	0.873825	0.973109	1.248688	0.889173	0.81166	0.80679	1.131382	0.775501	0.94977
0.941061	0.863374	0.713531	0.653146	0.688027	0.786586	0.754848	0.95552	0.921222	0.902266
0.727265	0.906777	0.703031	0.592858	0.739671	0.85278	0.857682	0.796621	0.759486	0.819415
0.722229	1.161522	0.837599	0.860513	0.950745	0.694703	0.834203	0.841572	0.713041	0.877286
0.823239	1.056715	0.976092	0.998209	0.74501	0.676931	0.991113	0.964197	0.973962	1.35611
0.953673	0.972348	0.761	0.831703	0.634178	0.762882	0.988	0.944214	0.959065	0.904845
0.990759	0.684431	0.652606	0.782112	0.742332	0.872517	0.851976	0.617666	0.839489	0.705995
0.848159	0.88574	0.889541	1.081157	1.06714	1.017866	0.980314	0.649026	0.709729	0.708457
0.822187	0.876182	0.89696	1.149032	0.897998	0.751947	0.919293	0.737306	0.941837	0.961399
0.856036	0.582012	0.8001	1.224189	0.679473	0.776949	0.86463	0.745173	0.954693	0.900983
0.869881	0.630209	0.641383	0.752536	0.69118	0.847142	0.700388	0.996008	1.151145	0.704362
1.079827	0.761563	0.707039	0.676506	0.809576	1.232429	0.816085	0.980569	0.989388	0.924692
1.132303	0.838838	0.667055	0.747209	0.678704	0.840471	0.786821	0.805652	0.822052	0.830171
0.677092	0.705449	0.837599	0.628286	0.665829	0.844907	0.714201	0.889253	0.950366	0.917975
0.720563	0.607984	0.778683	0.735025	0.737025	1.045271	0.997406	0.983613	0.807349	0.84909
0.791764	0.626869	0.815333	0.783069	0.869651	0.678448	0.80577	0.817993	0.654796	0.77502
0.889057	0.757048	0.974598	0.841461	0.868459	0.770327	0.703599	0.899199	0.768835	0.973347
0.826409	0.915744	0.727657	0.69803	0.797284	0.954644	0.827722	1.263303	0.970941	0.761795
0.745365	0.880934	0.739645	0.82321	0.749511	0.93227	1.00702	0.914559	0.780326	0.799685
0.682389	0.801458	0.995996	1.048168	0.863726	0.709953	0.945205	0.793652	0.865849	0.931514
0.797681	0.920953	1.137325	1.02749	0.914878	0.697075	0.771481	0.856131	1.172157	0.995082
1.027923	1.006064	0.735326	0.733312	0.758654	0.956082	0.865799	0.999163	0.825269	0.872457
0.931499	1.202113	0.782499	0.795713	0.772741	1.008019	0.804751	0.682828	0.691162	0.82476
0.853771	1.207148	1.155036	1.039432	0.677936	0.82743	1.100686	0.707188	0.796136	0.958462
0.990759	1.426438	1.065509	0.956256	0.775614	0.958971	1.385847	1.299687	1.139897	0.776942
1.011373	0.802455	0.758272	0.903849	0.780445	0.969237	1.385847	1.357083	1.137682	0.900983
1.006528	0.756151	0.853103	1.114797	0.776576	0.996807	0.76773	0.747828	0.893912	0.889596
1.008137	0.938326	0.913485	0.808735	0.895458	1.200952	0.732755	0.624294	0.82851	0.842318
1.415594	0.956423	0.898209	0.808735	0.740556	0.72916	0.731894	0.745173	0.739601	0.745363
0.880563	0.830249	1.099934	1.10463	0.837466	0.78952	0.870506	1.13787	0.908003	0.766472
0.800669	0.742041	1.148309	1.367068	0.912238	0.963341	0.850843	0.846	0.994125	1.009651
0.919507	0.781053	0.954205	0.885264	0.950745	0.880912	0.842999	0.983613	1.072177	0.807884

0.93015	0.985826	0.832193	0.760653	0.807503	0.91885	0.70846	0.831771	0.81569	0.913994
0.919507	0.915744	0.909616	0.795713	0.820092	0.83608	0.907538	1.122879	0.691162	1.019643
0.749788	1.04089	0.949956	0.923265	0.83636	0.976721	0.771481	0.802621	0.770729	0.802742
0.816966	0.814589	0.79317	0.832777	0.838575	0.701059	0.690896	0.820085	0.767891	0.810998
0.781123	0.844294	0.679726	0.901324	0.892933	0.786586	0.814002	0.805652	0.970941	0.799685
0.905285	0.830249	0.672228	0.738471	0.794264	0.876095	0.865799	0.669286	1.04102	0.857126
0.873413	0.999736	0.848616	0.939447	1.017452	0.768454	0.855391	0.821134	0.909307	0.977914
0.793728	0.843198	0.942967	0.936708	0.77754	0.935005	1.147329	0.917173	0.806318	1.026434
0.851517	0.689015	0.798109	0.813849	0.687242	0.861956	0.766797	0.63924	0.706443	0.756249
1.021227	0.839924	0.66779	0.765229	0.878084	0.859644	0.580283	0.635798	0.726546	0.618815
0.882973	0.893049	0.751974	0.738471	0.747705	0.895692	0.711731	0.72115	0.806318	0.669901
0.847045	0.917041	0.753764	0.837097	0.740556	0.907117	0.889863	0.824298	1.002136	0.899703
0.869881	0.770734	0.988232	0.946372	0.776576	1.082154	1.02018	0.781016	0.753972	0.666152
0.805697	0.734301	0.986696	0.800675	0.736147	0.981275	0.789758	0.852728	0.937635	0.646451
0.862904	0.857675	0.851977	0.754327	0.812704	0.839369	0.769601	0.806668	0.880264	0.804791
1.029613	0.960708	0.843072	0.774527	0.748607	0.759206	0.690896	0.743413	0.81886	0.794639
0.906559	1.067595	0.745766	0.789832	0.779474	0.910993	0.730178	0.655436	0.861148	0.73213
0.802673	0.824966	0.865685	1.318407	0.996183	0.80755	0.887396	0.997583	0.654069	0.747159
0.923468	0.938326	0.870353	1.019156	0.867271	0.628956	0.786821	1.003939	0.773586	0.799685
0.89772	1.004474	1.016856	0.665399	0.645422	0.735178	0.637925	0.820085	0.812543	0.958462
0.866378	0.852049	0.859921	0.759744	0.710593	0.940526	0.89735	1.03204	0.969439	0.952648
0.842618	1.035741	0.791211	0.84587	0.861378	1.021199	0.877665	0.747828	0.782271	0.85945
0.729805	0.761563	0.824736	0.982757	0.81691	0.766589	0.845226	0.682828	0.736958	0.850229
0.796689	0.879741	0.824736	0.695672	0.639061	0.620897	0.762162	0.722823	0.772632	0.844564
0.916886	0.746401	0.654029	0.631655	0.791266	0.690777	0.95372	0.80464	0.848478	0.786684
1.011373	0.782955	0.618456	0.719019	1.010796	0.91885	1.00702	0.956954	0.847344	0.864135
0.949429	0.906777	0.929318	0.827436	0.677936	0.936378	0.79769	0.741659	0.909307	1.126005
1.033014	0.72336	0.865685	0.841461	0.627978	0.876095	0.731894	0.655436	0.869408	0.858287
1.036441	0.770734	0.736186	0.810774	0.753145	0.956082	0.921949	0.864178	1.034002	0.858287
0.871055	0.760656	0.795139	1.042905	0.715585	0.985876	1.064078	0.977546	0.75672	0.756249
0.747129	0.854291	0.644162	0.759744	0.771787	0.773153	0.662869	0.765027	0.906703	0.689932
0.952254	1.015733	0.858777	0.741945	0.876869	0.774099	0.686226	0.777201	0.822052	0.857126
0.990759	0.923581	0.940203	0.829564	0.736147	0.83499	0.958041	0.881939	0.703181	1.001497
0.715604	0.769809	0.841972	0.756125	0.793262	1.25763	1.002186	1.030336	0.962003	0.962874
0.721395	0.757048	0.854232	0.970779	1.034553	0.859644	0.759405	0.880732	1.051763	0.964355
1.158841	0.89675	0.811218	0.783069	0.936598	0.776949	0.737956	0.788749	0.932095	1.07913
0.97108	0.906777	0.803104	0.688674	0.767051	0.837174	0.732755	0.633745	0.758562	1.30447
0.762418	0.889379	0.752868	0.829564	0.808538	1.014559	1.054936	0.859561	0.648303	0.89462
0.871055	1.025622	1.049269	0.888918	0.796275	0.9282	0.915339	0.999163	0.789148	0.973347
0.853771	0.895513	1.236846	1.090784	0.78533	0.736913	0.86463	0.859561	0.81886	1.042115
0.895227	0.857675	0.937456	0.972258	0.77754	0.784642	0.836386	0.737306	0.918546	0.706814
0.824293	0.849819	0.751082	0.943589	1.031078	0.866618	0.781969	0.727879	0.798153	0.77502
0.816966	0.844294	0.920012	0.795713	0.989843	0.846023	0.81713	0.716171	0.98782	0.973347
0.919507	0.962146	0.96574	0.929934	0.630035	0.686886	1.02018	0.841572	0.845085	0.985633
0.880563	0.662213	0.854232	0.950581	0.85788	0.946118	0.804751	0.892956	0.925268	0.706814
0.759681	0.704652	0.796127	1.240367	1.029352	1.153084	0.781005	0.649026	0.845085	0.710105
0.901486	0.891822	0.918699	1.024137	0.696753	0.867791	0.761241	0.728728	0.901541	0.79766

0.896471	0.904248	0.98364	0.677256	0.761435	0.775997	0.810897	0.781975	0.910615	0.821545
0.959398	0.835598	0.830049	0.744569	0.913556	0.83499	1.040698	0.806668	0.778389	0.917975
0.942445	0.789681	1.171148	0.741945	0.815855	0.839369	0.915339	0.830696	0.681781	0.952648
0.808741	0.669493	1.058216	0.760653	0.685677	0.76104	0.671762	0.832849	0.788159	0.916644
0.812834	0.869149	0.878643	0.62295	0.681016	0.960422	0.823454	0.989767	1.051763	0.917975
0.630767	0.935607	0.895715	0.830633	0.790271	0.888239	0.984909	0.814875	0.849614	0.757168
0.798675	0.832381	0.95706	1.092735	1.06714	0.749256	1.053131	0.743413	0.835064	0.759938
1.013	1.010872	0.870353	0.671287	0.730914	0.694703	0.828795	0.917173	0.98782	1.031598
1.004925	0.965037	0.767431	0.667598	0.795268	0.801456	0.916653	0.971562	0.841719	0.842318
0.881766	0.942436	0.649067	0.799678	0.924247	0.887009	0.998994	0.814875	0.814639	0.836755
0.853771	1.051376	1.038769	1.138041	0.783369	0.947528	0.89484	0.628319	0.8115	0.98876
0.910403	1.141476	0.982119	0.932631	0.715585	0.904552	0.720019	0.647614	0.776462	0.721826
0.885396	0.832381	0.802101	0.878047	0.738787	0.816853	1.028612	0.890483	1.002136	0.862959
0.804687	0.624215	0.873886	1.151263	0.791266	0.887009	0.919293	0.776252	0.833965	0.723526
0.75696	0.75347	0.995996	0.943589	0.85326	1.135323	0.689333	0.799611	0.927986	0.822614
1.034724	0.807469	0.907055	0.807719	0.748607	0.973712	0.787798	0.815912	0.883944	1.003115
0.914281	0.809492	0.851977	0.819025	0.760506	1.012915	1.056749	0.909379	0.919882	0.852516
0.782079	0.749039	1.084296	0.954831	0.734396	0.829576	0.803735	0.793652	0.767891	0.660958
0.73236	0.847601	0.816368	0.878047	0.772741	0.794453	0.671014	0.707188	0.820986	0.656555
0.713963	0.901734	0.930664	0.954831	0.803386	0.752848	0.741458	0.784865	0.822052	0.84344
1.209583	0.959275	0.773021	0.752536	0.754974	0.866618	0.968293	1.005543	0.772632	0.996677
0.800669	0.802455	0.873886	0.710826	0.80647	1.086021	0.942404	0.970079	0.798153	0.807884
0.704248	0.774458	0.850854	0.72737	0.703211	0.744807	0.792716	1.135696	0.925268	0.880942
0.785928	0.861085	0.677463	0.72737	0.751324	0.790502	0.90369	1.028638	1.044571	1.081066
0.878167	0.836675	0.794154	0.84587	0.83636	1.019529	0.974262	0.938669	0.830683	0.951207
0.760591	0.982795	0.980605	0.785955	0.876869	0.996807	0.799696	0.779104	0.729989	0.831261
0.819047	1.032341	1.301435	1.014232	0.786314	0.709137	0.793706	0.815912	0.764135	1.139113
0.905285	0.999736	0.878643	1.088841	0.721482	0.660587	0.908829	1.007152	0.877828	0.847954
1.081733	0.893049	0.748416	0.915394	0.808538	0.82743	0.921949	0.899199	1.212222	0.78965
0.840422	0.817676	0.767431	1.374487	1.145195	0.961879	0.92731	0.735577	0.970941	0.847954
0.842618	0.984308	0.89696	1.114797	0.867271	0.880912	0.761241	0.640624	0.944662	0.726089
0.722229	0.730905	1.166483	0.938075	0.768939	0.988971	0.869325	0.672259	0.825269	0.900983
0.900227	0.816644	0.947147	0.774527	0.763299	0.88456	0.901143	0.829623	0.812543	0.840084
0.7957	0.734301	0.781542	0.749864	0.724888	0.930909	0.801711	1.005543	0.954693	0.980985
1.076041	0.928885	1.01033	0.966371	0.749511	0.786586	0.725069	0.781016	0.905407	0.996677
0.96229	0.879741	0.857636	0.756125	0.626613	0.899467	0.811929	1.106358	0.929351	1.003115
0.867543	0.856544	0.80411	0.611178	0.691972	0.876095	0.787798	1.167161	0.986258	0.696286
0.777317	0.859945	0.858777	0.743693	0.896726	0.896946	0.904969	1.049462	0.754886	0.805819
0.861751	0.773524	1.021816	1.193534	1.190203	0.964807	0.857682	0.919803	0.848478	0.977914
1.11754	0.955004	0.823681	0.975232	0.949309	1.122463	0.789758	1.146674	0.989388	0.944071
0.928806	1.101971	0.717638	0.696456	0.872044	1.137504	0.848588	0.914559	0.857656	0.76366
0.854902	0.913163	0.781542	0.813849	0.797284	0.865448	0.943802	0.741659	0.829595	0.871259
0.702649	0.880934	1.086221	1.060701	0.891676	0.751048	0.899875	0.948419	0.900261	0.814136
0.724739	0.853168	0.988232	0.737607	0.71225	0.618243	0.928661	1.040664	1.051763	0.990332
1.081733	0.953589	0.657608	0.906388	0.85326	0.640637	0.836386	0.87356	0.81359	1.086927
0.969602	1.078754	0.752868	0.991962	0.867271	0.856198	0.960945	0.710433	0.767891	1.1347
0.953673	0.993499	0.901978	1.144602	0.809576	0.896946	0.991113	0.751393	0.875406	0.968828

0.796689	1.046101	0.835428	0.928592	0.847553	0.771267	1.026912	0.891718	1.020299	0.803765
0.857173	0.858808	0.781542	1.321708	0.789278	0.82423	1.092718	0.767806	0.914562	0.75259
1.03131	0.905511	0.830049	1.345542	0.965369	0.926852	0.948025	0.746056	0.779357	0.810998
1.070424	0.976794	0.913485	0.984277	0.965369	1.054203	0.818178	0.668546	0.722281	0.930141
1.212154	0.900483	0.803104	0.757931	0.727461	0.846023	0.779083	0.684359	0.796136	0.844564
0.909118	0.764294	0.744008	0.907663	0.715585	1.057827	0.930016	0.962738	0.939032	0.725233
0.826409	0.713499	0.857636	0.910225	0.83636	1.072636	0.848588	0.878328	0.994125	0.625561
0.815929	0.822871	0.949956	0.793743	0.867271	0.947528	0.779083	1.008768	1.1993	0.759938
0.889057	0.890599	1.33773	0.720676	0.825447	0.882124	0.956596	0.991319	1.095599	0.826916
1.063045	0.978287	0.971625	0.824263	0.724888	0.982803	1.110855	1.015291	0.927986	1.098892
0.886613	0.870313	1.14609	0.860513	0.845291	1.128845	0.854249	0.727033	0.732589	0.787671
0.809761	0.98735	1.060028	0.882845	1.004241	0.840471	0.694037	1.080783	1.137682	0.787671
0.807724	0.886949	0.808158	0.723174	0.843041	0.665721	0.682373	0.923777	0.966449	0.754415
1.048654	1.047852	0.814301	0.69177	0.810616	0.837174	0.986452	0.977546	0.651177	0.88835
0.854902	0.83345	1.063674	0.789832	0.985148	0.999981	0.946613	1.053031	1.089624	0.964355
0.782079	0.724192	0.989774	0.791783	0.791266	0.78854	0.811929	0.971562	0.787172	0.921992
0.862904	0.924901	0.711899	0.908942	0.798295	0.743923	0.960945	1.106358	0.953246	0.930141
0.953673	0.970876	0.709462	0.879242	0.809576	0.848264	0.975767	0.877131	0.934856	1.198438
0.786895	0.938326	0.859921	0.719847	0.894194	0.831734	1.023533	0.830696	0.851897	1.065813
0.859456	1.067595	0.947147	0.810774	0.957996	0.744807	0.850843	0.967128	0.743149	1.198438
0.977041	0.862228	0.768358	1.024137	0.775614	0.725758	1.215007	1.090442	0.998914	1.288537
0.99543	0.865675	0.700643	0.895077	0.789278	1.084083	1.167954	0.850474	0.957603	0.836755
0.824293	0.867988	0.751974	1.051712	0.97287	0.978234	0.82028	0.70477	0.783247	0.819415
0.969602	1.38639	1.033614	1.098642	0.876869	0.71241	0.802722	0.727879	0.851897	1.02987
0.9652	0.880934	0.904509	0.970779	0.644711	0.946118	1.378163	0.874747	1.08765	1.15263
0.95796	0.704652	0.771149	0.872124	0.69997	0.889472	1.134103	1.102324	1.191728	0.722675
0.802673	0.784866	0.688898	0.841461	0.997783	1.01621	0.798692	0.819038	1.027096	0.612172
0.878167	0.936965	0.968673	1.084982	0.829779	0.951784	0.747655	0.673753	0.791133	0.825837
0.939683	0.972348	0.994432	0.939447	0.613848	0.75738	0.707646	0.743413	1.072177	0.73213
0.763334	0.73006	0.856498	0.670547	0.621866	0.823168	1.064078	0.764105	0.997311	0.955545
1.048654	0.776332	0.775842	0.648903	0.835256	0.948942	0.955155	0.841572	0.694335	0.664662
0.936938	0.718401	0.991321	1.039432	1.0363	1.118259	0.787798	0.919803	0.742259	0.710932
0.826409	0.829188	1.072927	1.135875	0.884209	0.865448	0.826651	1.153396	0.887655	0.898426
1.132303	0.888162	0.885878	0.775468	0.730048	0.917531	0.706023	0.996008	0.846213	0.959928
0.803679	0.901734	0.944356	0.767997	0.738787	0.956082	0.857682	0.719484	0.687229	0.720978
0.705049	0.79065	1.003901	1.112745	1.065264	0.900732	0.908829	0.766878	0.699137	0.870063
0.798675	0.89675	0.94855	0.84366	0.867271	0.764731	0.76401	0.867672	0.768835	0.903554
1.376243	0.978287	0.693558	0.692548	0.905707	0.70186	0.756665	1.0924	0.838379	0.847954
1.034724	0.928885	0.719292	0.65457	0.860209	0.71077	0.726765	0.980569	0.997311	0.701923
0.665955	0.777272	0.788287	0.719847	0.740556	0.664248	0.835293	0.812809	1.126773	0.961399
0.706656	0.838838	0.89696	1.077365	0.828692	1.118259	0.955155	0.84378	0.940432	1.252525
0.867543	0.861085	0.700643	0.951993	1.229355	1.017866	0.968293	0.983613	0.781297	0.959928
0.96229	0.902989	0.877449	1.046407	1.185239	0.912292	1.081035	0.778151	0.699943	1.011301
0.96813	1.056715	1.090095	1.257172	0.821158	0.858492	1.16097	0.8361	0.900261	1.02987
1.123805	1.078754	0.910902	0.903849	0.76611	0.76939	1.09868	1.028638	1.230983	1.069576
1.083646	0.888162	0.760089	0.796701	0.755891	0.730871	0.853111	0.989767	1.057236	0.793637
1.036441	0.742041	0.751974	0.819025	0.837466	0.732589	0.821336	0.754085	0.69593	0.912675

0.872233	0.861085	0.907055	0.817985	0.548797	0.764731	0.921949	0.678267	0.802216	0.977914
1.052207	1.046101	0.788287	0.820067	0.663596	0.902002	0.760322	0.682828	0.848478	0.693098
0.919507	0.867988	0.738778	0.928592	0.793262	0.871331	1.279762	0.951245	1.162693	0.809958
0.878167	0.766124	0.84639	1.066185	1.046937	0.963341	1.244776	0.938669	0.950366	0.855969
0.725579	1.098015	0.932014	0.895077	0.885445	1.109973	0.798692	0.741659	1.228253	1.139113
1.053995	1.225244	1.164169	0.943589	0.594428	0.747471	0.659944	0.687437	0.851897	0.913994
0.873413	0.635608	0.933368	0.967835	0.668824	0.791487	0.721696	1.102324	0.858817	0.79665
0.876973	0.771662	0.951368	0.929934	0.955081	0.993656	0.80577	0.79464	0.962003	0.73213
0.943833	1.166105	0.982119	0.793743	0.949309	0.887009	0.60589	0.657593	1.089624	1.100918
1.136615	1.009263	0.882245	0.779252	0.86255	0.833902	0.766797	0.747828	0.953246	1.060228
0.837148	0.736009	0.679726	0.707591	0.791266	1.029644	1.075309	0.983613	0.857656	0.651474
0.686213	0.707848	0.743132	0.710826	0.659165	0.944713	0.776217	0.918486	0.869408	0.665406
0.927465	1.020649	0.94855	0.846979	0.752234	0.661316	0.502726	0.748716	0.861148	0.749866
1.099267	1.426438	0.792189	0.874484	0.823297	0.784642	0.654874	0.828553	0.900261	0.880942
0.769804	0.788714	0.761	0.667598	0.872044	1.056011	0.950863	1.248999	0.771679	1.1347
0.712329	0.789681	0.853103	0.597209	0.926961	1.137504	1.08296	0.814875	0.708905	0.736496
0.777317	0.718401	0.715169	0.797691	0.727461	0.740404	0.842999	0.886801	0.664348	0.723526
0.975543	0.850933	0.615184	1.06988	0.845291	0.67542	0.824517	1.06026	0.957603	0.790643
0.952254	0.875002	0.958495	0.84587	0.96093	0.855056	0.934106	0.874747	0.980066	1.123858
0.839328	1.030652	0.930664	0.827436	1.039817	1.095841	1.015198	0.745173	0.690372	0.948338
0.778265	0.952179	0.873886	0.844763	0.97287	0.768454	0.914029	0.796621	0.66733	1.159549
0.843721	0.850933	0.744008	1.096664	0.953631	0.686112	0.901143	1.096343	0.910615	1.021331
0.902748	0.889379	0.698269	0.725686	0.753145	0.880912	1.123381	0.926447	1.032265	0.7712
0.605809	0.847601	0.737048	0.797691	0.793262	0.874899	0.934106	0.722823	0.718056	0.739138
0.684679	0.917041	1.01033	0.792762	0.833057	0.876095	0.787798	0.696017	0.609952	0.733871
0.842618	0.78391	0.942967	0.959122	0.607278	0.726606	0.920619	0.927788	0.855343	0.860617
0.936938	0.904248	1.159579	0.916696	0.639764	0.736045	0.822394	0.735577	1.181832	0.76366
1.043378	1.014106	0.865685	1.017509	0.811659	1.070757	0.969778	0.679024	0.944662	0.779842
1.241484	1.124403	0.747531	1.002954	1.056004	0.946118	0.994248	0.718653	0.788159	0.920649
0.949429	0.897991	0.917389	0.841461	0.709766	0.763805	1.047759	0.775305	0.739601	0.965841
0.956526	0.780104	0.976092	0.86512	0.65843	0.787562	0.80679	0.725344	0.846213	0.693098
0.851517	0.682914	0.73361	0.88044	0.848689	0.926852	0.674014	0.757702	0.99254	0.716764
0.941061	0.914452	0.820532	1.039432	0.969854	0.95036	0.811929	0.7839	0.817801	0.942657
0.915582	0.864523	1.056412	0.797691	0.688027	0.900732	0.936854	0.676757	1.105744	1.083011
0.820091	0.972348	0.967204	0.718192	0.632792	0.841576	0.856535	0.875938	0.919882	0.693892
0.788836	0.829188	0.777734	0.759744	0.74501	0.873706	0.760322	1.11869	1.077915	0.604981
0.990759	0.960708	1.033614	0.915394	0.866086	0.795447	0.644203	0.728728	0.919882	0.810998
1.053995	1.114063	0.980605	0.906388	0.727461	0.998391	0.687777	0.781016	1.055404	0.89462
0.718076	0.919645	0.841972	0.613118	0.660637	1.052402	0.923283	0.814875	0.841719	0.717604
0.675591	0.751692	0.816368	0.777356	0.704025	0.68303	0.844111	0.92511	0.675638	0.660221
0.701852	0.75258	1.067352	0.972258	0.713914	0.68303	0.652003	0.958393	0.766009	0.759013
0.959398	0.749921	0.854232	0.76615	0.646848	0.714057	0.677793	0.929133	0.944662	1.045677
0.740116	0.862228	0.787317	0.751644	0.828692	0.978234	0.768664	0.891718	1.048152	0.938445
0.733215	0.834523	0.833269	0.738471	0.749511	0.947528	0.801711	0.796621	0.713873	0.80685
0.804687	0.913163	0.970146	0.935345	0.994589	0.814768	0.803735	0.874747	0.783247	0.691512
0.843721	0.839924	0.812243	0.734168	0.913556	0.924168	0.618952	0.891718	0.74943	0.877286
0.816966	0.878551	0.827916	0.698818	0.845291	0.920174	0.720857	0.921123	1.151145	1.065813

1.068568	0.918341	0.866847	0.936708	0.826526	0.715709	0.807813	0.708807	0.706443	0.850229
0.833898	0.815615	0.89696	1.039432	0.86255	0.659131	0.968293	0.650442	0.645449	0.75809
0.790786	0.824966	0.848616	0.928592	0.794264	0.810629	0.915339	0.860711	0.861148	0.870063
0.901486	0.740309	0.675211	0.820067	0.749511	0.830654	0.881288	1.162524	1.049954	0.938445
0.804687	0.744652	0.682001	0.708397	0.713914	0.814768	0.707646	0.644805	0.584494	0.660221
0.756057	0.767963	0.761	0.808735	0.794264	0.754655	0.945205	0.66707	0.641202	0.689144
0.75696	0.897991	0.887095	0.81488	0.793262	0.766589	0.834203	0.751393	0.967941	0.980985
0.872233	0.71758	0.703031	0.888918	0.905707	0.831734	0.89735	0.712065	0.8115	0.815186
0.859456	0.659334	0.703031	0.920625	0.908308	0.867791	0.844111	0.680541	0.732589	0.81624
0.728956	0.762471	0.934726	0.841461	0.602737	0.975214	0.915339	0.620967	0.710555	0.874865
0.851517	1.04961	0.849734	0.928592	0.762366	0.793462	0.840783	0.641318	0.778389	0.766472
1.001737	0.811523	0.755562	1.193534	1.010796	0.832816	0.966813	0.753186	0.858817	0.731262
0.886613	0.781053	0.755562	0.817985	0.699163	0.798441	0.849714	0.712065	0.794128	0.830171
0.886613	0.802455	1.037044	0.72234	0.637661	0.753751	0.62228	0.703967	0.830683	0.871259
1.019569	0.879741	0.884664	0.794727	0.714749	0.766589	0.674014	0.674502	0.846213	0.745363
0.834979	0.684431	0.765584	0.827436	0.648997	0.846023	0.998994	0.86534	0.807349	0.651474
0.745365	0.662935	0.995996	0.870949	0.67033	0.840471	0.828795	0.734715	0.898983	0.730395
0.890284	0.852049	0.932014	0.769853	1.019132	0.841576	0.768664	0.844889	1.099628	1.003115
1.111363	1.004474	0.930664	0.741074	0.673356	0.74216	0.736215	0.700769	0.655523	1.02987
0.804687	0.706247	0.847502	0.841461	0.752234	1.009645	0.781005	0.675253	0.631451	0.651474
0.757865	0.648707	0.732754	1.062521	0.808538	0.798441	0.706834	0.68976	0.819921	0.742684
0.886613	0.787749	0.822629	0.786921	0.870845	0.639941	0.618952	0.761349	0.948933	0.795643
0.953673	0.917041	0.881041	0.811796	0.978966	0.840471	0.904969	0.796621	0.737837	0.999884
0.9652	0.845394	0.904509	0.825318	0.920207	1.235158	0.863464	0.801615	0.695131	0.844564
0.800669	0.74378	0.967204	0.796701	0.828692	0.774099	0.768664	1.010389	0.846213	0.646451
0.993868	0.882131	0.737048	0.769853	0.897998	0.613638	0.753039	1.188663	0.8889	0.769303
0.847045	0.78391	0.720121	0.780203	0.947879	0.780778	0.751237	0.944214	1.016939	1.031598
0.675591	0.682157	0.730198	0.735025	1.024212	1.287462	1.08296	1.021913	0.74943	0.83345
0.765173	0.775394	0.898209	0.970779	0.855564	0.895692	0.762162	0.819038	0.684886	0.908743
0.910403	0.859945	1.003901	1.129444	0.799308	0.658405	0.732755	0.849351	0.806318	0.94977
0.659407	0.837755	0.779634	0.772651	0.782392	0.672412	0.664338	0.691316	0.830683	0.862959
0.714783	0.882131	0.572384	0.982757	1.012451	0.831734	0.755756	0.673005	0.819921	1.033334
0.871055	1.004474	0.862217	1.034274	0.83636	0.76196	0.807813	0.86534	0.73346	1.077202
0.677845	0.800465	0.899462	0.927254	0.732652	0.786586	1.03721	0.88315	0.786187	0.999884
0.998572	0.73006	0.731901	0.773588	0.85788	1.072636	1.05857	0.839375	0.838379	0.744469
0.911692	0.962146	0.763744	0.890143	0.974386	1.107926	0.960945	0.858415	0.954693	0.7712
1.038165	0.979784	0.833269	0.851444	0.772741	0.707509	0.792716	0.754085	0.868218	0.967332
1.022892	0.86683	0.8001	0.878047	0.625931	0.699461	0.965339	0.752288	0.841719	0.926048
0.842618	0.884533	0.932014	0.893838	0.703211	0.673913	0.972762	0.877131	0.869408	0.693892
0.727265	0.861085	0.79317	0.987335	0.778506	0.870148	0.755756	0.773418	0.830683	0.734744
0.918194	0.947977	0.884664	1.034274	0.783369	0.976721	0.847464	0.719484	0.870601	0.897154
0.952254	0.943814	1.038769	0.86512	0.655506	0.891949	1.02018	0.803629	1.116131	1.136901
0.701852	0.856544	1.058216	0.806706	0.814802	0.891949	0.877665	0.831771	0.892654	0.710105
0.839328	0.682914	0.954205	0.942204	1.027632	1.12458	0.715027	0.810752	0.854191	0.723526
0.869881	0.721701	0.894473	0.936708	0.798295	0.82423	0.59887	0.636484	0.755802	0.748059
0.992311	0.815615	0.695123	0.666131	0.611867	0.904552	0.725069	0.765952	1.042792	1.094867
0.936938	0.953589	0.903242	0.788859	0.713914	0.964807	0.928661	1.090442	0.932095	0.83565

0.838236	0.805456	0.893235	0.885264	0.940794	0.709137	0.801711	1.140054	0.665092	0.821545
0.770736	0.960708	0.920012	0.976726	0.754058	0.775997	0.788777	0.745173	0.778389	0.904845
0.959398	0.967946	0.797117	0.788859	0.725744	0.828502	0.676278	0.881939	0.929351	0.899703
0.950839	0.932906	0.796127	0.752536	0.887927	0.966279	0.84189	1.026947	0.759486	0.643607
0.662305	0.875002	0.908333	0.970779	0.907006	0.973712	1.096684	1.11869	0.751241	0.774062
0.739247	1.364022	0.910902	0.973742	0.891676	0.679208	0.83968	0.809727	0.861148	0.961399
0.794713	1.255298	0.86337	0.733312	0.829779	0.770327	0.938235	0.885581	1.070281	1.012956
0.945225	1.107975	0.650479	0.742818	0.985148	1.001577	0.870506	0.851599	0.774542	0.753502
0.741859	0.932906	0.970146	0.949173	0.80544	0.760122	1.011908	0.781975	0.825269	0.94977
0.779216	0.998168	1.327527	1.138041	0.800324	0.628956	0.95372	0.797616	0.950366	1.126005
0.804687	0.844294	0.855364	0.892603	0.796275	0.592562	0.971267	0.781016	0.883944	1.012956
1.123805	0.820785	0.772084	0.950581	0.86255	0.676931	1.021853	0.989767	0.758562	0.760866
0.852643	0.805456	0.883453	0.873302	0.713914	0.833902	1.047759	0.7839	0.829595	1.028149
0.660854	0.870313	1.026833	0.815912	0.632792	0.896946	1.108802	0.809727	0.932095	1.105
0.775426	0.848709	0.69748	0.800675	0.764234	0.7182	0.994248	0.878328	0.859981	0.854815
0.849275	0.657902	0.724292	1.114797	0.935208	0.778859	1.010273	1.06392	0.829595	0.79665
0.966663	0.754362	0.773959	1.032568	1.069024	1.019529	0.887396	0.69366	0.809419	1.203554
1.192002	0.969409	1.054615	1.064349	0.835256	1.284384	0.911421	0.768737	0.862319	1.35611
1.177479	0.930221	0.893235	0.902585	0.792263	0.969237	0.826651	0.967128	1.233731	0.920649
0.868711	0.685954	0.755562	0.959122	0.793262	0.990527	0.838579	0.83393	0.926625	0.759938
0.833898	0.659334	0.726813	0.988872	0.896726	1.043507	0.77054	0.627646	0.885178	0.967332
0.837148	0.841012	0.980605	0.6447	0.868459	0.953211	0.652003	0.753186	0.870601	1.077202
0.939683	0.865675	0.901978	0.800675	0.84192	0.885783	0.712553	0.748716	0.930721	0.757168
0.828536	0.824966	0.974598	0.920625	0.716422	1.188481	0.849714	0.86534	0.851897	0.700305
0.678599	0.734301	1.037044	0.874484	0.872044	1.031353	0.924621	0.751393	0.801197	0.62285
0.886613	0.772592	0.756463	0.852567	0.947879	0.810629	0.79769	0.728728	1.020299	0.867682
1.043378	0.955004	0.80411	0.740205	0.731782	0.676931	0.887396	0.820085	0.835064	1.288537
0.806709	0.768885	0.95563	0.796701	0.940794	0.765659	0.828795	0.856131	0.737837	0.81624
0.6452	0.836675	0.992874	0.852567	0.975907	1.099832	1.01355	0.791684	0.786187	0.75809
0.853771	0.884533	0.857636	0.861661	0.942201	0.689217	0.901143	0.884363	1.081783	0.893359
1.095309	1.088278	0.881041	0.821112	0.881749	0.714882	0.845226	1.028638	0.943247	1.026434
0.794713	0.924901	0.779634	0.943589	0.965369	0.82636	0.861142	1.148903	0.8115	0.890847
0.786895	0.821827	0.67897	0.748977	0.887927	0.9282	0.853111	0.890483	0.685665	0.837862
0.820091	0.844294	1.031908	0.860513	0.85326	0.740404	0.702794	0.859561	0.689584	0.79766
0.892748	0.960708	0.871527	0.927254	0.943614	1.047043	0.86463	0.823241	0.946081	0.926048
0.856036	1.217396	0.78926	0.775468	0.710593	1.159937	1.149572	0.885581	0.846213	1.077202
0.928806	1.430654	0.952784	0.777356	0.884209	0.916215	0.844111	0.740785	0.680237	0.899703
0.984609	0.877365	0.862217	0.84587	0.801342	0.870148	0.908829	0.744292	0.684107	0.873659
0.977041	0.815615	0.989774	0.828499	0.742332	0.865448	0.868146	1.005543	0.789148	0.73213
0.906559	0.923581	0.757367	0.874484	0.924247	0.85278	0.844111	0.734715	0.908003	0.748059
1.128033	0.932906	0.713531	0.900068	0.85788	0.717368	0.988	0.690538	0.75306	0.80172
0.927465	0.802455	0.799103	1.071739	0.67184	0.771267	0.95372	0.661941	0.951803	1.016287
0.93421	0.712687	0.949956	1.032568	0.720635	0.76752	0.956596	0.841572	1.074081	0.917975
0.761504	0.803453	0.805119	1.019156	0.789278	0.957524	0.744988	0.908093	0.960531	0.757168
0.924796	0.848709	0.893235	1.092735	0.957996	0.920174	0.668034	0.740785	1.032265	0.876074
0.909118	1.030652	0.95563	0.808735	0.807503	0.970723	0.884943	0.777201	1.342828	0.996677
0.740986	0.838838	0.929318	0.734168	0.845291	1.10386	0.89484	0.773418	0.959065	0.868871

0.660854	0.663659	0.986696	0.923265	0.952186	1.20349	0.706834	0.809727	0.677165	0.812042
0.800669	0.819746	1.262119	0.940823	0.866086	0.880912	0.737956	0.922448	0.717216	0.798671
0.765173	1.039167	0.895715	0.739337	0.782392	0.890709	0.896094	0.99444	0.771679	0.761795
0.745365	0.88574	0.791211	0.817985	0.778506	1.012915	1.094696	1.088493	0.910615	0.810998
0.781123	0.832381	0.920012	0.957687	0.875658	0.81373	1.03375	1.146674	0.74583	0.790643
0.876973	1.148056	0.870353	0.881641	0.892933	0.806528	0.665813	0.813841	0.919882	0.968828
0.96229	0.976794	0.815333	0.709205	0.93939	0.973712	0.626307	1.015291	0.984702	1.1347
0.873413	0.797497	0.750191	0.887697	1.129722	1.087967	0.851976	0.805652	0.751241	0.760866
0.695529	0.884533	0.776787	0.855955	0.688813	0.755561	0.881288	0.793652	0.658445	0.707635
0.773544	1.092146	0.944356	0.896319	0.781417	0.693915	0.773369	0.775305	0.918546	0.954094
0.851517	0.872651	0.838688	0.832777	1.104416	0.803478	1.015198	0.878328	0.973962	0.952648
1.14097	0.830249	0.744886	0.853693	1.257566	0.907117	0.891102	0.944214	0.74943	0.731262
0.853771	0.666566	0.802101	1.066185	0.784348	0.88456	0.818178	0.674502	0.702369	0.87972
0.89772	0.782955	0.761913	0.996639	0.657697	0.797441	0.847464	0.792667	0.727404	0.77598
0.785928	0.886949	0.851977	0.988872	0.705658	0.7182	1.106759	1.062086	0.986258	0.783739
1.175105	0.769809	0.696693	1.035986	1.112689	0.823168	0.956596	0.832849	0.89771	0.906141
0.945225	0.844294	0.871527	0.846979	0.881749	1.296826	0.827722	0.773418	0.919882	1.024727
1.152053	1.150271	1.018503	0.811796	0.648279	0.80755	0.874071	0.847114	0.908003	0.721826
0.861751	0.810506	0.821579	0.978226	0.867271	0.82743	1.136279	0.895442	0.970941	0.678263
0.833898	0.71758	0.930664	1.106644	1.06714	0.856198	0.759405	0.694444	0.830683	0.663177
0.713963	0.782003	0.940203	0.908942	1.045146	0.957524	0.637233	0.709619	1.025387	0.850229
0.829603	0.798484	0.807142	0.681787	0.757731	0.982803	0.833116	0.806668	1.051763	1.307728
0.860602	0.670228	0.773021	0.643309	0.642584	1.116173	0.863464	0.82642	0.789148	0.957001
0.762418	0.815615	1.011953	0.735025	0.677169	0.797441	0.700388	0.732996	0.785205	0.79766
1.05579	1.112024	0.856498	0.846979	0.924247	0.658405	0.58824	0.676004	0.893912	0.827998
1.02624	0.922265	0.811218	0.951993	0.822226	0.849388	0.883721	0.775305	0.853042	0.860617
0.672603	0.922265	1.021816	0.739337	0.773696	1.034791	0.866971	1.12711	0.948933	1.017962
0.75157	1.252478	1.215553	0.761564	0.794264	0.774099	0.728468	1.193589	1.066514	0.748962
1.136615	1.078754	0.811218	1.176603	0.97287	0.714882	0.849714	1.278094	0.791133	0.741795
1.02624	0.822871	0.780587	0.923265	0.839688	0.864281	1.202122	1.026947	0.904115	0.862959
0.759681	0.910597	0.791211	0.757931	0.889173	0.80755	0.881288	0.908093	0.870601	0.959928
0.78981	1.051376	0.845281	0.932631	0.97136	0.777903	0.792716	1.047688	0.781297	0.890847
0.998572	0.897991	1.018503	1.135875	1.004241	0.725758	0.769601	0.952666	1.008653	0.802742
0.978544	0.863374	0.94575	1.035986	0.966859	0.925508	0.938235	0.785833	0.998914	1.073372
0.851517	1.168415	0.888316	1.21632	1.039817	1.033068	1.104725	0.696805	0.826347	0.964355
0.854902	1.004474	0.864526	1.096664	0.942201	0.853917	1.092718	0.904259	0.684886	1.07913
0.895227	0.754362	0.988232	0.956256	0.634872	1.027942	1.49054	1.026947	0.859981	1.102954
0.922143	0.726697	0.755562	0.978226	0.758654	0.837174	1.117073	0.861863	1.299046	1.238359
1.003328	0.876182	0.884664	1.183779	0.920207	1.130994	1.025219	0.871195	1.230983	1.221948
1.000152	0.906777	0.808158	0.957687	0.953631	0.851647	0.768664	0.83393	0.867032	1.190876
1.07793	0.793571	0.973109	0.63505	0.729184	0.990527	0.959491	0.979055	0.830683	1.128162
0.987673	0.931561	1.099934	0.939447	1.082447	1.001577	0.801711	0.95552	0.946081	0.766472
1.163426	0.890599	1.028518	1.21632	0.968354	0.898205	0.698792	0.900459	1.191728	1.019643
1.687012	1.143658	1.049269	1.149032	0.733523	1.031353	0.858832	0.874747	1.710522	1.29484
0.889057	0.947977	1.317558	0.810774	0.793262	1.545485	1.256128	0.937294	1.391525	1.13251
0.75157	0.913163	1.052826	0.772651	0.924247	1.135323	1.040698	1.11869	1.051763	0.920649
0.868711	0.734301	1.082381	1.174238	0.97136	1.260523	0.825583	0.914559	0.869408	1.009651

1.18468	1.017365	1.228738	1.060701	0.997783	1.166899	0.968293	0.785833	1.08765	1.028149
1.029613	1.557688	1.270881	0.694107	0.776576	1.126707	0.786821	0.781975	0.918546	0.743575
0.853771	1.287587	1.298281	1.127321	1.043362	1.045271	1.000587	0.900459	0.742259	0.773106
0.984609	1.364022	2.256946	1.59365	1.347967	0.990527	1.515933	1.13787	0.919882	1.021331
1.111363	1.098015	1.033614	1.032568	0.986707	1.188481	0.950863	1.073208	1.035746	0.996677
1.491951	1.182538	0.615184	0.660312	0.937992	3.013967	1.304757	1.275916	1.292685	0.878501
0.802673	0.979784	0.937456	0.942204	1.088329	0.954644	1.276737	1.275095	1.411812	1.56287
0.792745	1.659564	1.556834	1.494367	1.405446	0.847142	1.040698	0.816952	0.806318	1.298026
1.001737	1.120237	1.000722	1.046407	1.170681	0.893193	0.965339	1.232433	1.020299	1.139113
2.149903	1.182538	0.908333	1.02749	1.202865	1.523667	0.988	1.284155	1.525058	1.352469
1.303658	1.230556	2.81554	1.653345	0.799308	1.27229	1.656779	0.886801	1.023684	1.075283
1.230588	1.202113	1.220779	1.338598	0.917535	1.266366	1.671492	1.206155	1.151851	1.117481
1.177479	1.244127	0.80411	1.110702	1.213268	0.993656	2.287853	1.186221	1.718864	2.002791
1.247036	0.838838	0.808158	0.978226	1.63836	1.766812	1.301047	1.440384	1.277179	1.468083
0.990759	1.006064	0.922651	1.188629	0.980503	1.415873	1.129782	0.961285	1.091606	2.538831
1.357828	1.605645	1.111977	1.389716	0.80647	1.047043	1.165614	1.133534	1.44638	1.166581
1.361449	1.202113	1.035325	0.888918	0.846421	0.946118	1.67904	1.182457	1.614538	1.040344
1.354238	0.932906	1.072927	0.900068	1.002617	0.926852	1.047759	0.967128	1.1993	1.427466
1.196953	2.017889	1.178739	1.06988	0.925602	1.126707	0.912723	0.99444	1.342828	1.468083
1.343639	1.28455	1.404562	1.73958	0.845291	1.309634	1.259013	1.096343	1.469471	1.16895
1.099267	0.953589	0.952784	1.766408	0.933822	1.848533	1.244373	1.332524	1.250593	1.023026
1.59078	1.124403	1.247897	1.84729	1.457624	1.211193	1.104725	1.229733	1.168831	1.113281
1.290729	1.269313	1.451123	0.915394	1.448481	1.157959	0.977277	1.224381	1.196606	1.196328
1.154936	1.712947	1.222366	1.722573	1.034553	1.093459	1.84371	1.622375	1.007015	1.799482
1.134454	1.175419	1.317989	1.270177	1.152365	1.122912	1.155787	1.188663	1.45547	0.984078
1.068568	1.201644	2.81554	1.413611	1.341894	1.978597	1.172225	1.180444	1.184554	1.139113
1.227869	1.746682	1.429338	1.196008	1.767994	1.502894	2.479051	1.482716	1.694303	1.161834
1.98467	1.375062	1.4022	1.675218	1.190203	1.51258	1.72709	2.383574	1.271129	1.216481
1.664521	2.197928	1.534668	1.505346	1.522267	2.684291	1.131937	1.941599	2.772212	1.661549
1.502632	1.580912	1.488424	1.84729	1.432559	1.206042	1.866549	1.466335	1.563942	1.147293
1.395473	2.699523	1.659193	1.359774	0.909497	0.531367	0.303993	1.800732	1.312186	1.152665
1.187107	1.316642	1.338208	0.612951	0.153238	0.076619	0.190306	0.731015	1.158037	2.749685
1.237812	2.462826	1.225902	0.306475	0	0	1.95752	0.46066	2.450719	0.564043
0.671159	2.173822	1.135161	0.720818	0	0	0	6.12E-04	3.06E-04	3.83E-04
0.087088	0.379123	2.524975	1.345542	0.004899	0.002449	0.001225	9.19E-04	4.59E-04	3.44E-04
0.009797	0.009797	0.009797	0.009797	0.499384	1.523667	1.46655	1.679115	1.2175	4.02E-04
0.009797	0.009797	0.009797	0.009797	1.074726	0.988971	2.112174	0.975502	0.731909	0.974705
0.009797	1.071283	1.834563	0.542262	1.723182	0.980746	0.733504	0.488317	0.610113	1.877043
0.007348	2.10862	1.082381	1.402781	0.972522	0.486261	0.24313	1.287217	0.244158	0.122079
0.003674	0.005511	0.003827	2.095245	2.151999	0	0	0	0	0
1.800709	0.002143	0.002985	0.001531	0	0	0	0	0	0
6.12E-04	2.310486	7.65E-05	0	0	0	0	0	0	0
3.06E-04	1.53E-04	0	0	0	0	0	2.017135	0	0
1.482239	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2.479051	0	0	1.334711
0	0	0	0	0	0	0	0	0	0
0	0	0	2.828584	1.983594	0	0	0	0	0

[illegible]

150	151	152	153	154	155	156	157	158	159
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.564552	2.255229	0.516535	0	0
0.57556	1.772057	1.292733	0.926525	1.272069	1.559998	1.129104	1.033071	1.075652	0.27625
0.918095	1.422603	1.122084	0.674018	1.169823	1.103674	1.100462	0.895728	0.821582	0.758169
1.031815	1.202645	1.265524	0.87076	0.851528	0.876436	0.708134	0.748857	0.701754	0.220034
0.827003	0.81154	1.134909	1.472448	1.053686	0.734868	0.861425	1.277727	0.790327	0.567071
0.961802	0.750993	0.695852	0.948215	0.978372	1.001662	1.739534	1.434254	0.856393	0.908592
0.956092	0.762815	0.707046	1.177126	0.935468	1.089777	1.303759	0.952588	0.931641	1.051724
0.895315	0.862935	0.806759	0.933187	0.817018	0.877633	1.096521	0.922568	1.009628	1.160379
0.63378	0.67168	0.784901	0.671071	0.738515	0.773656	0.952562	0.772465	0.855262	0.696137
0.566375	0.714037	0.711115	0.737597	0.963594	0.714636	0.663208	0.914729	0.935701	0.55521
0.666005	0.736005	0.993579	0.733338	0.78892	0.819384	0.639284	0.772465	0.641136	0.788546
0.802428	0.744759	0.807779	0.616621	0.735068	0.763399	0.646881	0.884714	0.810232	0.736492
0.918095	0.922569	0.68571	0.707031	0.78505	0.746234	0.694705	0.66841	0.753061	0.645968
0.75889	0.820923	0.809827	0.866133	0.783128	0.587701	0.847935	0.892025	0.574726	0.671419
0.659509	0.88435	0.633462	0.775118	0.730797	0.600176	0.668301	0.760501	0.821582	0.784749
0.660944	0.994848	0.770604	0.744498	0.984426	0.780311	0.810826	0.931897	0.74862	0.829512
0.803425	0.808457	0.939166	0.775118	0.962144	0.893504	0.742337	0.693346	0.659456	0.771714
0.619175	0.680742	0.916282	0.775118	0.715759	0.858864	0.869492	0.669882	0.690014	0.87708
0.714417	0.697864	0.678825	0.939954	0.775524	0.79098	0.80377	0.889574	1.001643	0.916201
0.686858	0.676188	0.765015	0.929178	0.796764	0.662687	0.893402	0.736657	0.704938	0.788546
0.68306	0.621619	0.736362	0.884945	1.087121	0.887331	0.948357	0.984838	0.790327	0.980919
0.667461	0.708307	0.710298	0.552873	0.676531	0.915174	0.797812	0.71487	0.762994	0.810046
1.015252	0.988602	0.755856	0.637181	0.71005	0.768963	0.674197	0.704374	0.791301	0.713433
0.918095	0.93747	0.705429	0.866133	0.796764	0.839773	0.809811	1.061168	0.946716	0.811049

0.70477	0.657708	0.879829	1.086114	0.864054	0.860014	0.869492	0.791542	0.79818	0.678022
0.700026	0.858317	1.019399	0.808061	0.857177	0.823597	0.674939	0.8187	0.819496	0.82327
0.790643	0.803367	0.796687	0.663067	0.83501	0.832149	0.704141	0.986362	0.857527	1.117658
0.866689	0.709937	0.76687	0.674018	0.847062	1.205514	0.712974	0.646921	0.565933	0.709441
0.656653	0.724038	1.064935	0.861555	0.815983	0.828923	0.712974	0.690247	0.949514	0.676546
0.792585	0.81051	0.798683	0.670337	1.051902	0.773656	0.702554	0.929211	1.110814	0.842271
0.911646	1.121826	0.936411	0.741033	0.82014	0.740077	0.791934	0.808442	0.683119	0.777252
0.749977	0.81051	0.814989	0.756846	0.753479	0.831071	0.854628	0.8187	0.63497	0.767152
0.707162	0.676188	0.818115	0.75417	0.822233	0.899766	0.734595	0.715688	0.68388	0.733962
0.83659	0.933355	0.881036	0.777926	0.768978	0.669314	0.66684	0.793496	0.745099	0.694598
0.697673	0.856026	0.762247	0.780752	0.723213	0.756996	0.738879	0.722289	0.720394	0.779114
0.672599	0.676944	0.695063	0.644717	0.772706	0.758815	0.821109	0.758689	0.658737	0.779114
0.760695	0.869957	0.731193	0.719985	0.758887	0.683647	0.703347	0.716508	0.677832	0.945299
0.768911	0.913346	0.8859	0.860418	0.631669	0.675291	0.881283	0.67507	0.6196	0.903593
0.897788	0.815685	0.780083	0.74624	0.569378	0.663418	0.802771	0.720629	0.750391	0.693831
0.668192	0.68689	0.593015	0.769555	0.725726	0.829996	0.686996	0.685638	0.890547	0.702347
0.722623	0.698658	0.683403	0.809069	0.715759	0.60081	0.53563	0.605617	0.906776	0.771714
0.674078	0.661342	0.711933	0.689827	0.62629	0.791964	0.677175	0.623785	0.895476	0.870121
0.623769	0.537704	0.724397	0.651684	0.687932	0.726323	0.725316	0.695686	0.592246	0.60162
0.663106	0.554493	0.594888	0.646102	0.749912	0.799909	0.717049	0.933246	0.659456	0.589997
0.69146	0.631725	0.8462	0.779808	0.711673	0.749791	0.751105	0.687936	0.812274	0.719084
0.661663	0.690778	0.686482	0.57232	0.71823	0.722113	0.523925	0.590013	0.787418	0.668517
0.581672	0.714861	0.801694	0.602599	0.799743	0.808003	0.694705	0.590627	0.525514	0.520941
0.648894	0.776867	0.720202	0.722458	0.721546	0.673789	0.867172	0.803403	0.62822	0.58639
0.576316	0.656263	0.75495	0.830791	0.804753	0.667094	0.651081	0.638614	0.677082	0.683977
0.664553	0.626979	0.658077	0.642649	0.741119	0.62693	0.593825	0.601821	0.769436	0.756394
0.780114	0.662072	0.53699	0.643337	0.751692	0.700058	0.539421	0.541347	0.592863	0.571676
0.562347	0.611092	0.587445	0.689061	0.620976	0.641298	0.635874	0.579116	0.599708	0.711033
0.61077	0.757319	0.682636	0.721632	0.707625	0.599544	0.66684	0.678064	0.749504	0.89865
0.606945	0.724882	0.696642	0.697563	0.691023	0.664885	0.926594	0.686402	0.616329	0.791416
0.731833	0.583393	0.653757	0.646796	0.729947	0.624246	0.774765	0.591856	0.630234	0.828465
0.771685	0.603361	0.765015	0.692134	0.666886	0.782232	0.702554	0.566158	0.715454	0.794305
0.779169	0.678459	0.66244	0.629107	0.600351	0.61237	0.641343	0.742714	0.690787	0.673609
0.695333	0.704261	0.632779	0.898368	0.638487	0.64409	0.726988	0.653257	0.650904	0.605981
0.706363	0.639983	0.645947	0.916074	0.828574	0.722952	0.632491	0.582116	0.615028	0.587589
0.740378	0.744759	0.805741	0.673279	0.864054	0.78707	0.527615	0.726465	0.815354	0.878251
0.783913	0.750993	0.84956	0.695228	0.694919	0.797909	0.762774	0.892025	0.777861	0.756394
0.870165	0.875896	0.74247	0.699127	0.656734	0.860014	0.992357	1.008285	0.762994	0.65289
0.752632	0.686117	0.737229	0.867285	0.759794	0.696094	0.688527	0.901969	0.730447	0.635119
0.6399	0.691559	0.889583	0.692134	0.773643	0.693733	0.621839	0.701987	0.78549	0.624533
0.659509	0.645577	0.677309	0.621835	0.720714	0.808003	0.942813	0.717329	0.7296	0.808047
0.800442	0.744759	0.577715	0.745368	1.17452	0.931148	0.749337	0.735798	0.658019	0.728115
0.889193	0.917274	0.816028	0.763154	0.848174	0.768031	0.653904	0.811494	0.653736	0.751989
1.165141	0.92524	0.790754	0.747114	0.637801	0.560876	0.74147	1.119315	0.99225	0.814072
0.739516	0.786495	0.66611	0.635825	0.65817	0.570225	0.743206	0.876336	0.914475	0.76806
0.711985	0.903039	0.768733	0.642649	0.91681	0.789021	0.785177	0.702781	0.606026	0.760844
0.797479	0.892972	0.873842	0.769555	0.936832	0.882455	0.731198	0.869282	0.858664	1.284212

0.757991	0.58096	0.601189	0.836127	0.767126	0.637144	0.704936	0.842158	0.809215	0.831612
0.905292	0.788446	0.638967	0.778866	0.748139	0.631667	0.768267	0.658249	0.897962	0.797213
0.894084	0.762815	0.630736	0.785505	0.896424	0.866976	0.830577	0.706774	0.879657	0.780984
0.902776	0.952901	0.774371	0.760439	0.719884	0.683647	0.86833	0.681834	0.734705	0.864407
0.843101	1.006	0.929597	0.666687	0.620317	0.683647	1.062568	0.760501	0.78549	0.937168
0.942137	0.742994	0.893298	0.735036	0.859457	0.789021	0.68395	0.847671	0.769436	0.641188
1.132013	0.81154	0.838458	0.860418	0.97092	0.768963	0.598163	0.745336	0.69938	0.552433
1.347892	0.875896	0.893298	1.158686	0.810842	0.827852	0.757349	0.78573	0.681602	0.759059
0.684575	0.644873	0.867936	0.699911	0.957821	1.439816	0.787097	0.784769	0.723719	0.714236
0.69146	0.826224	0.828703	0.715082	1.016035	1.091736	0.975702	0.814568	0.667446	0.625843
0.741242	0.698658	0.873842	0.973984	1.001526	0.860014	0.738019	0.734941	0.720394	0.789501
0.671125	0.711572	0.960411	1.054809	0.760704	0.863481	0.776639	0.738379	0.749504	1.082502
0.70477	0.767448	0.830852	0.638542	0.653165	0.956268	0.77104	1.005085	0.778808	0.834783
0.748216	0.905593	0.875033	0.698344	0.70924	0.662687	0.696264	0.78381	0.663069	0.738187
0.613984	0.877094	0.851815	0.995141	0.987486	0.598282	0.734595	0.80743	0.68617	0.830561
0.685335	0.812573	0.649479	0.790309	0.78217	0.719607	0.730353	0.810475	0.913182	0.870121
1.0088	0.815685	0.634146	0.851427	1.229849	0.959151	0.794863	0.983319	0.864394	0.831612
0.823854	0.67468	0.620662	0.724114	0.976871	0.782232	0.851268	0.821825	0.694672	0.966319
0.70477	0.761894	0.705429	0.791277	0.739381	0.659773	0.962534	0.665483	0.637016	0.884152
0.733529	1.109365	1.038085	0.925205	0.594722	0.535067	0.693153	0.667677	0.66162	0.618691
0.759792	0.795346	0.909775	1.020654	0.779309	0.60399	0.66684	0.823921	0.978532	0.770797
0.795515	0.66648	0.826565	1.040823	1.10285	0.792949	0.751991	0.79546	0.69702	0.921349
0.73268	0.765589	0.790754	0.874263	0.802742	0.915174	0.669768	0.763233	0.806177	0.97502
0.883157	0.722355	0.537538	0.774185	0.726567	0.940745	1.069887	1.066644	1.167228	0.756394
0.985423	0.670934	0.688805	0.771401	0.795776	1.13504	1.071736	0.865798	0.762994	0.771714
0.867844	0.682271	0.74247	0.933187	0.789892	0.942134	0.754662	0.844355	0.866708	0.859888
0.765241	0.831591	0.87147	0.919963	1.081367	0.895998	0.693153	0.962592	1.213645	1.167166
0.902776	0.970385	0.771543	0.627775	0.847062	0.863481	0.768267	0.86349	0.905506	1.26666
0.745587	0.718176	0.636206	0.691363	0.804753	0.949143	0.844627	0.819739	0.724555	0.82327
0.588918	0.673178	0.638275	0.842618	0.799743	0.856574	0.660324	0.882304	0.839727	0.748497
0.733529	0.638596	0.68494	0.745368	0.952124	0.60081	0.644103	1.123483	1.191038	1.01009
0.983909	0.954332	0.673544	0.793218	0.896424	0.772713	0.799789	0.908302	0.906776	0.942572
1.142777	0.865263	0.765941	0.717527	0.802742	0.891024	0.839169	0.820781	0.743349	0.864407
0.876023	0.830512	0.951788	0.82762	0.86175	0.792949	0.816966	0.820781	0.741607	0.806057
0.906556	0.833756	0.903364	0.993595	0.822233	0.716287	1.051816	0.869282	0.747737	0.746762
1.079973	0.909452	0.791737	0.937234	0.8687	0.734868	0.834852	1.121394	0.78357	0.637806
0.905292	0.711572	0.755856	1.040823	0.949303	1.008089	0.968337	0.942809	1.029414	0.701566
0.862096	0.743875	0.682636	1.054809	1.046593	0.777446	0.837005	0.810475	0.900462	0.962033
0.924641	0.829436	0.709482	0.875437	0.71005	0.673789	0.962534	0.841064	0.777861	1.091985
0.957512	0.737741	0.992015	0.759538	0.675033	0.81625	0.990817	1.006682	0.702548	0.683977
0.645413	0.688441	0.739841	0.715896	0.865211	0.837581	0.746699	0.78573	0.745976	0.683977
0.830175	0.679219	0.76409	0.826569	0.675781	0.709722	0.717049	0.67507	0.791301	0.800141
0.817624	0.688441	0.875033	0.860418	0.810842	0.915174	0.75377	0.784769	0.86555	0.677284
0.697673	0.712392	0.811884	0.660193	0.715759	0.943527	0.975702	0.933246	0.800166	0.633781
0.805425	0.742114	0.916282	0.794192	0.790868	0.696094	0.781362	0.927874	0.690014	0.715846
0.927287	0.753693	1.200339	0.904609	0.711673	0.686725	0.607606	0.740107	0.747737	0.904837
0.892856	0.750097	0.768733	0.65309	0.8629	1.047016	0.80377	0.865798	0.79818	0.702347

0.615923	1.027503	0.707856	0.593906	0.791845	0.841976	0.72199	0.778101	0.645295	0.584598
0.658079	0.848101	0.761328	0.698344	0.878144	0.692949	0.773831	0.686402	0.642518	0.725633
0.772614	0.86062	0.935039	0.952405	0.892706	0.916483	1.055371	0.799413	0.883257	0.827421
0.870165	0.726574	0.759496	0.763154	0.8687	0.730575	0.738879	0.971354	0.815354	0.777252
0.870165	0.834843	0.731193	0.711038	0.940949	0.732287	0.714599	0.816629	0.732145	0.709441
0.733529	0.848101	0.739841	0.645409	0.69964	0.672292	1.012902	0.632486	0.613083	0.770797
0.692232	1.044799	0.847317	0.858153	0.838264	0.607837	0.747576	0.735798	0.841913	0.767152
0.741242	0.909452	0.870289	0.761342	0.678787	0.620251	0.956808	0.958276	0.930296	0.751114
0.906556	0.756409	0.740716	0.707031	0.6918	0.654005	0.821109	0.763233	0.747737	0.871273
0.825951	0.760058	0.857504	0.796146	0.839354	0.805965	0.728667	0.611374	0.804164	0.9721
0.794536	0.659158	0.779125	1.00771	0.748139	0.757905	0.793885	0.855508	0.822628	0.713433
0.915504	0.632407	0.657354	0.840444	0.729947	0.716287	0.792909	0.882304	0.998489	0.652193
0.73268	0.650531	0.769667	0.876614	0.763444	0.782232	0.815937	0.635199	0.828962	0.683228
0.764328	0.757319	0.893298	0.895896	1.029352	0.767101	0.720337	0.661128	0.828962	0.858766
0.958937	0.961555	1.130591	0.715896	0.927373	0.943527	0.700973	0.881104	0.844109	0.918767
1.127781	1.495828	1.132745	0.805051	0.741119	0.838676	0.781362	0.914729	0.753955	0.740741
0.685335	0.761894	0.928247	0.877795	0.683336	1.00007	0.838086	0.877523	0.62422	0.643913
0.719322	0.89672	0.828703	0.751511	0.693357	0.836489	0.859147	0.865798	0.663069	0.690775
0.824902	0.944416	0.77817	0.737597	0.892706	0.695306	0.725316	0.913436	0.841913	0.672878
0.910368	0.853746	0.782004	0.745368	0.836092	0.74712	0.732045	0.834556	0.884464	0.827421
0.782009	0.879499	0.775317	0.793218	1.167494	0.943527	0.842436	0.8187	0.759356	0.782862
0.581672	0.781654	0.951788	0.791277	0.893941	0.856574	0.732045	0.808442	0.792277	0.875912
0.759792	0.67168	0.725241	0.951003	0.803746	0.66562	0.780413	0.949772	0.75485	0.800141
0.790643	0.883132	0.692706	0.776052	0.791845	0.864643	0.882479	0.883507	0.840819	0.644597
0.557222	0.793363	0.746886	0.724114	0.723213	0.89725	0.944192	0.712425	0.76851	0.663483
0.722623	1.006	0.8462	0.715082	0.905225	0.719607	0.77104	0.726465	0.879657	0.846609
1.021802	1.043038	1.022738	0.975462	0.802742	0.768963	1.05005	0.892025	0.904239	1.138494
1.242837	0.915961	1.021065	1.186648	0.924708	0.820433	0.851268	0.926542	0.99225	0.700786
0.890411	0.938851	0.779125	1.01091	0.880537	1.00326	0.75915	0.78573	1.070058	0.680989
1.211092	0.931992	0.792723	1.30172	0.918116	0.839773	0.630474	0.617209	0.668914	0.744171
0.895315	0.987055	0.935039	0.976944	0.799743	0.755183	0.74147	0.717329	0.812274	0.888931
0.900275	0.805396	1.105553	0.762247	0.737651	0.893504	0.922632	0.918631	0.858664	0.979437
0.986943	0.833756	0.870289	0.785505	0.815983	0.809025	0.690064	1.009894	0.879657	0.728115
0.902776	0.723196	0.810854	0.982926	0.880537	0.79098	0.832709	0.969881	0.873723	0.827421
0.829116	1.03262	0.903364	0.732491	0.769907	0.775547	0.701763	0.995623	0.837553	1.003784
0.73694	1.091318	1.251114	0.710234	0.893941	0.993759	0.884883	1.034775	0.906776	0.799163
0.757991	0.739485	0.961865	1.09382	1.068229	0.966444	1.04829	0.90958	0.746856	0.782862
0.757991	0.849224	1.166393	0.938592	1.203823	1.063251	0.73716	0.734086	0.867869	1.067746
0.910368	1.085466	1.021065	0.78742	0.884152	0.919112	0.841344	0.916026	1.311562	1.5101
0.821768	1.043038	0.75495	0.704645	0.750801	0.836489	0.888514	1.149367	0.945323	0.790457
0.902776	0.983976	0.785871	0.788381	0.810842	0.78707	0.795844	0.772465	0.716273	0.853198
0.848602	1.426835	1.253958	1.124	0.786981	0.678311	0.831641	0.717329	0.914475	0.920056
0.845293	1.007617	0.905917	0.83828	0.739381	0.712992	0.937339	0.887137	0.971093	0.792377
0.804424	0.759143	0.737229	0.99052	0.860602	0.843082	0.998576	1.302305	0.962332	0.806057
0.895315	0.757319	0.894544	0.878978	1.051902	1.173563	0.853505	0.751516	0.761171	0.931831
0.855296	0.906875	0.944731	0.788381	0.783128	1.0688	0.893402	1.009894	0.918377	1.019724
1.101234	1.143424	0.797684	0.797127	0.731647	0.831071	1.090674	1.363287	1.098774	0.863273

0.867844	0.744759	0.805741	1.012519	0.799743	0.892262	1.116597	0.79546	0.871372	0.933159
0.832303	0.704261	0.802702	0.927849	0.791845	0.716287	0.677175	0.709994	1.104753	0.834783
0.804424	0.945819	1.050409	0.692905	0.746373	0.661956	0.701763	0.846563	0.890547	0.8161
0.847496	0.797337	0.776266	0.75417	0.672796	0.720441	0.77758	0.968414	0.702548	0.904837
0.674078	0.638596	0.779125	0.790309	0.857177	0.949143	0.830577	0.994065	0.734705	0.667794
0.643337	0.77782	0.796687	0.780752	0.882944	0.79	0.732045	0.855508	0.885674	0.741596
0.867844	0.781654	0.678825	0.797127	0.918116	0.635768	0.64549	0.768749	1.006416	0.945299
0.88196	0.824096	0.698227	0.697563	0.783128	0.760643	0.726988	0.669145	0.775035	0.831612
0.75889	1.024125	0.774371	0.84153	1.036166	0.793936	0.693928	0.721458	0.695453	0.747629
0.75352	1.037798	1.168732	0.971044	0.920741	0.776496	0.696264	0.716508	0.72623	0.957788
0.771685	0.787469	0.894544	1.107644	0.872217	0.738334	0.984707	0.739242	0.743349	1.117658
0.825951	0.964478	0.775317	0.892215	0.807787	0.826785	1.083	1.296029	0.914475	0.897424
0.700813	0.880707	0.857504	0.771401	0.784088	1.014614	0.845727	0.965493	0.774097	0.727286
0.808443	0.948638	1.009536	0.935881	0.922059	0.78707	0.840255	0.72479	0.760263	1.021351
0.872499	0.993278	0.875033	0.869599	0.681055	0.798908	1.146361	0.761409	0.864394	0.989921
0.885562	0.682271	0.812917	0.909667	0.792824	0.75428	0.75377	0.683352	0.987629	0.693065
0.858683	0.835932	0.762247	0.968124	0.998366	0.998484	0.73716	0.876336	0.974053	0.735647
0.92995	0.81882	0.836271	0.878978	0.776467	0.89725	0.80678	0.841064	0.770364	0.75728
0.825951	0.702653	0.887124	0.722458	0.851528	1.047016	0.765512	0.899462	0.922314	0.901115
0.865536	0.712392	0.8255	0.692134	0.860602	0.946326	0.938701	0.839972	0.905506	0.854306
0.734379	0.697071	0.807779	0.864984	0.930055	0.813139	0.763684	0.835634	0.721223	0.861013
0.798464	0.827292	0.973675	0.83828	0.873396	0.847533	0.658174	0.728991	0.68617	0.764437
0.939399	0.889256	0.81707	0.804053	0.766202	0.796912	0.731198	0.895728	0.965233	0.888931
0.653109	0.929279	0.663904	0.756846	1.004708	0.904841	0.850154	1.061168	0.788386	0.76806
0.562347	0.67998	0.708669	0.805051	0.905225	0.741827	1.122805	1.095114	0.674094	0.877708
0.740378	1.168493	0.987357	0.785505	0.767126	0.704059	0.90587	0.861194	0.688472	0.800141
0.856422	0.909452	0.6713	0.666687	0.853779	0.777446	1.000145	0.983319	0.928956	0.780048
0.967588	0.869957	0.6713	0.953811	1.318839	0.962054	0.912241	0.945581	0.734705	0.948043
0.918095	0.844748	0.659526	0.966671	0.896424	0.939361	1.04829	0.771533	0.725392	1.15814
0.860955	1.007617	0.87147	1.088028	0.979878	0.857718	0.797812	0.716508	0.718741	0.908592
0.938036	0.934723	0.782967	0.878978	0.879339	0.990638	0.779467	0.723121	1.06821	0.775398
0.935324	0.673928	0.730338	0.94269	0.962144	0.909977	1.073593	0.853255	0.927619	0.699231
0.966134	0.626306	0.857504	0.809069	0.959258	1.022909	0.744949	0.800407	1.221449	0.798187
1.119438	1.024125	1.122084	0.837202	0.912914	1.066943	0.75915	0.8187	0.928956	0.780984
0.983909	1.046567	1.036353	0.923889	0.735927	0.854296	1.106443	0.994065	0.753061	0.818136
0.729302	0.804381	0.834095	0.925205	0.803746	1.07254	0.92132	0.945581	0.790327	0.780984
0.763417	0.711572	0.707046	0.82552	0.828574	0.793936	0.712974	0.861194	0.911893	0.804076
0.766155	0.821978	0.779125	0.724945	0.950712	0.640603	0.687761	0.809457	0.81742	0.760844
0.904032	1.145644	1.021065	0.803057	0.976871	0.829996	0.815937	0.769675	0.600336	0.712632
0.932628	0.923903	1.026102	0.790309	1.312304	1.242774	1.137647	0.913436	0.760263	0.820182
0.783913	0.927929	1.041571	0.975462	0.922059	0.815211	0.822151	0.918631	0.786453	0.806057
0.84971	0.820923	0.784901	0.960908	0.818056	0.659048	0.807788	0.864642	0.792277	0.756394
0.997734	1.00439	0.679584	0.731646	0.784088	0.950559	0.946964	0.992514	0.945323	0.885342
0.838749	1.060978	0.81707	0.864984	1.011144	0.957707	0.968337	0.721458	0.632934	0.828465
0.802428	1.121826	0.887124	0.796146	1.006308	0.75428	0.742337	0.678815	0.677082	0.976487
0.818656	0.903039	0.725241	0.733338	0.715759	0.779354	0.963978	0.833481	0.757548	0.933159
0.879575	0.869957	0.758583	0.74799	0.637801	0.892262	1.058954	1.107046	0.877274	0.689255

0.825951	0.929279	0.746886	0.703852	0.702817	0.998484	0.789993	0.794477	0.968153	0.811049
0.989999	0.826224	0.789773	1.082312	0.936832	0.877633	0.78422	0.740107	0.794236	0.829512
1.000867	0.805396	0.969209	0.988991	0.847062	0.908687	0.828455	0.727306	0.840819	0.950805
0.812499	0.867604	1.038085	0.775118	0.749912	0.947732	0.934628	0.987892	0.770364	0.740741
0.772614	0.812573	0.916282	0.761342	0.795776	0.963512	0.793885	1.131941	1.001643	0.698455
0.834441	0.735139	0.771543	0.844804	0.963594	0.975359	0.679421	0.789596	0.904239	0.893764
0.880766	0.785522	0.718536	0.706234	0.695702	0.878834	0.748456	0.815597	1.053698	0.864407
0.701601	0.88435	0.956078	0.721632	0.692578	0.751581	0.945576	0.884714	0.749504	0.732283
0.768911	0.862935	1.052198	0.904609	0.84264	0.636456	0.795844	0.888354	0.670388	0.726459
0.819691	0.791389	1.168732	1.058377	0.926038	0.74712	0.742337	0.765982	0.686936	0.864407
0.817624	0.754596	0.892056	0.813123	0.919426	0.773656	0.637235	0.955423	0.896717	0.949422
0.799452	0.919914	0.816028	0.722458	1.108898	0.812107	0.711354	1.033071	0.866708	0.818136
0.823854	0.873511	0.800688	0.703852	0.691023	0.829996	0.88609	0.725627	0.712191	1.022984
0.774476	0.971874	1.007914	0.82762	0.711673	0.725478	0.779467	0.747974	0.79719	0.935827
0.901524	1.093287	0.681871	0.814143	0.853779	0.789021	0.981685	0.815597	0.919685	0.809045
1.087584	0.848101	0.741592	0.955221	1.278021	0.891024	1.102447	0.849896	0.70017	0.75995
0.816594	0.714037	0.801694	0.884945	1.014398	0.9606	0.77758	0.775274	0.845212	0.949422
0.778227	0.820923	0.893298	1.086114	0.78217	0.850901	0.705734	0.765064	0.910608	1.022984
0.874845	0.675433	0.630057	0.892215	0.78892	0.950559	0.859147	1.033071	0.96378	0.728115
0.878388	0.616982	0.660253	0.917366	0.850407	0.838676	1.000145	0.937319	0.86555	0.642549
0.84971	0.760058	0.838458	0.799094	0.8629	0.768963	0.697828	0.749741	0.860947	0.777252
0.804424	1.015792	1.299019	0.633799	0.809821	0.903567	0.604436	0.728991	0.935701	0.941214
0.979396	1.185234	0.956078	0.773255	1.004708	0.82254	0.72365	0.866956	0.718741	0.862142
0.884358	0.877094	0.92556	0.82762	0.817018	0.883669	0.859147	0.981805	0.717094	0.794305
0.746462	0.9005	1.141466	1.107644	0.890244	0.970879	0.799789	0.907028	0.796203	0.782862
0.912929	0.994848	0.865596	0.776988	0.815983	0.666356	0.633166	0.96404	0.804164	0.799163
0.933974	0.982444	0.841759	0.783597	0.845952	0.719607	0.738019	0.810475	0.752169	0.779114
0.686858	0.761894	0.798683	0.709431	1.009526	0.823597	0.907137	0.753298	0.815354	0.800141
0.601897	0.833756	0.957518	0.793218	1.131825	1.242774	0.882479	0.683352	0.6377	0.703913
0.7616	0.880707	0.867936	0.993595	0.839354	0.736597	0.819033	0.804406	0.690014	0.766245
0.977903	0.809483	0.776266	0.99052	0.833931	0.864643	0.876528	0.961149	0.72707	0.769883
0.925962	0.785522	0.726933	0.84371	0.856041	1.054156	0.88609	0.672839	0.922314	1.119697
0.788709	0.987055	0.711933	0.94269	1.169823	0.768963	0.824242	0.721458	0.788386	0.937168
0.7616	0.88435	0.878625	0.899609	0.865211	0.734868	1.031079	1.064811	0.714636	1.036272
0.938036	0.718176	0.829776	0.857024	0.696487	0.721276	0.995456	1.305477	0.937062	0.893764
1.066966	0.776867	0.730338	0.817216	0.99367	0.831071	0.698612	0.931897	1.043124	0.785695
0.87133	0.812573	0.884679	1.27143	1.077573	1.054156	0.775701	0.736657	0.89921	0.819158
0.946276	0.941625	0.998305	1.035692	0.86175	0.975359	0.789025	0.747093	1.127405	0.91365
0.808443	1.055518	1.024416	0.729121	0.7325	1.029661	0.829514	0.7734	0.926287	1.018103
0.791613	0.827292	0.809827	0.704645	0.803746	0.858864	0.770114	0.835634	0.901717	0.718272
0.833371	0.731693	0.926901	0.851427	0.864054	0.895998	0.669768	0.761409	0.655159	0.665633
1.208548	0.837025	0.984279	0.9135	0.779309	0.818337	0.672715	0.747093	0.839727	0.824304
0.807434	0.84698	0.85522	0.615974	0.803746	0.995328	0.872996	0.962592	1.142461	0.837976
0.811482	0.930633	0.978188	0.866133	0.886579	0.967917	0.953972	1.062986	0.839727	0.748497
0.7616	0.826224	1.039825	1.049511	0.903957	0.813139	0.837005	0.934599	0.721223	0.677284
0.985423	0.838119	1.048627	0.937234	0.872217	0.829996	0.680173	0.946973	0.884464	0.719897
0.996176	0.923903	0.898302	0.819277	1.167494	1.03999	0.916108	1.208822	1.666011	1.115628

0.748216	1.141216	0.920234	0.724114	1.032746	1.001662	0.955388	0.849896	0.850766	0.868972
0.707162	0.872323	1.041571	1.040823	0.876952	0.82254	1.18069	1.050417	0.662344	0.788546
0.731833	0.854885	1.331885	1.033995	0.818056	0.773656	1.041324	1.014758	0.915772	0.772632
0.977903	1.034339	1.021065	0.833985	0.998366	0.818337	1.083	1.099055	0.974053	1.021351
1.050795	1.207751	0.836271	0.727446	0.96505	0.752479	0.858013	0.858911	0.807188	1.002221
0.856422	0.913346	0.946133	0.84371	0.750801	0.715461	0.918706	0.691794	0.831094	1.263802
0.859817	0.991714	1.145893	1.198853	0.936832	0.920433	0.966879	0.972832	0.922314	0.962033
0.864386	1.034339	0.898302	0.982926	0.960698	0.811077	1.118657	1.260166	0.965233	0.683228
0.92995	0.701851	0.721038	1.184248	1.156029	0.793936	1.162044	1.123483	0.915772	0.777252
0.996176	0.719843	0.77817	0.904609	0.837176	0.917795	0.852385	0.716508	0.80216	0.966319
0.971978	1.043038	1.048627	0.75417	0.876952	1.045249	0.642031	0.611374	0.866708	0.935827
1.109231	1.036065	0.887124	0.890995	0.873396	0.931148	0.82007	0.931897	1.037932	0.764437
0.902776	0.831591	0.924222	1.00771	0.741119	1.103674	1.19522	1.167522	0.955164	0.878251
0.830175	0.708307	0.926901	1.067427	1.020981	0.915174	0.920011	0.883507	0.888104	0.946669
0.820728	0.646986	0.876227	0.707031	0.891473	1.085887	0.732045	0.887137	1.280403	1.006925
1.216224	0.983976	1.011165	0.685251	1.007914	0.946326	0.739741	0.952588	0.862093	0.852093
0.961802	1.109365	0.864431	0.858153	0.884152	1.065093	0.913526	1.125582	0.845212	0.779114
0.746462	0.824096	1.476378	1.035692	0.795776	0.953404	0.830577	0.858911	0.876087	0.878251
0.810466	0.873511	1.034628	0.923889	1.019326	0.814174	0.61987	0.889574	0.959451	0.801122
0.855296	0.861776	1.076158	0.756846	1.098864	0.826785	0.663208	0.821825	0.812274	0.964885
1.25115	1.132491	0.998305	0.807055	0.880537	1.029661	1.000145	1.188897	0.752169	1.056999
0.901524	0.814645	0.963324	0.793218	0.963594	1.074422	0.856882	1.14275	0.794236	0.681734
0.757991	0.724882	0.895793	0.810079	0.704414	0.78127	0.707332	1.115187	0.816386	0.758169
0.951858	0.794353	0.772483	0.995141	0.989024	0.677554	0.744077	0.900714	0.803161	0.841193
1.136286	1.163826	0.798683	0.785505	1.046593	0.812107	0.941438	0.66841	0.814325	1.140633
0.707962	1.161511	1.074267	0.978432	1.315559	1.057771	1.139809	0.876336	0.767586	0.92525
0.686858	1.26241	1.271425	0.821348	0.992116	1.014614	1.027717	1.003493	0.703343	1.026268
0.83659	0.933355	0.950367	1.067427	0.756175	0.72717	1.173604	1.050417	0.764825	0.983899
0.75352	0.798336	0.791737	1.027274	0.827511	0.809025	1.261609	0.997185	1.001643	1.018103
0.671125	0.834843	0.691923	0.867285	1.115032	1.074422	1.297482	0.805412	0.975541	0.89255
0.73694	1.001186	0.77817	0.693678	0.881738	0.849776	0.854628	0.803403	0.761171	0.945299
0.749977	0.795346	0.801694	0.802063	0.675781	0.64409	0.959661	0.989427	0.777861	1.107604
0.857551	0.88435	0.936411	0.927849	0.6918	0.866976	1.009677	0.986362	0.902977	0.841193
0.842009	0.752791	0.768733	1.115745	0.990567	1.274472	1.04829	0.781899	0.910608	0.821209
0.847496	0.828363	0.94194	1.181861	0.803746	0.91127	0.955388	0.801403	0.955164	1.065936
0.902776	1.03262	1.097518	0.809069	0.673541	0.802927	0.978683	0.662575	0.823678	1.318358
0.905292	0.862935	1.109627	0.786461	0.832854	0.895998	1.022722	0.772465	0.896717	0.844434
0.815567	0.835932	0.976679	0.934532	1.17452	1.105696	0.748456	0.965493	1.144655	0.726459
0.956092	0.927929	1.012799	0.984434	0.930055	1.03652	0.859147	0.895728	0.981543	0.902352
1.03013	0.915961	0.836271	0.822387	0.822233	1.130725	0.923949	0.842158	1.36294	1.041362
1.000867	0.792375	0.735496	0.596991	0.790868	0.847533	0.779467	0.887137	0.927619	0.992964
1.02678	0.814645	0.911069	0.743629	0.943716	0.773656	0.644103	1.046892	0.771294	0.85653
1.147159	0.910746	1.311868	0.934532	0.82645	0.78127	0.789993	0.975802	0.895476	0.931831
1.049035	1.111417	1.139269	0.819277	0.792824	0.920433	0.767347	0.862341	1.240225	1.258143
1.149366	1.642715	1.234429	0.767716	0.895181	1.014614	0.729509	0.769675	1.001643	0.804076
0.953265	1.085466	0.921559	1.028944	0.976871	0.695306	0.86833	0.956847	0.7296	0.711832
0.790643	0.812573	0.866765	0.984434	0.884152	0.661228	0.829514	0.872795	0.839727	1.005352

0.678546	0.615666	0.875033	0.748868	0.885364	0.736597	0.733743	1.006682	1.053698	1.037962
0.653815	0.878295	0.699817	0.691363	1.167494	0.887331	0.864864	0.931897	0.730447	0.668517
0.869003	0.993278	0.878625	0.836127	1.044838	1.00007	1.190322	0.79546	0.723719	0.811049
0.759792	1.192611	1.242692	1.115745	0.844845	0.831071	0.864864	0.887137	0.732997	0.818136
0.880766	0.888024	0.904638	0.83828	0.875763	0.654721	0.830577	1.072191	0.885674	0.837976
1.142777	0.886796	0.642443	0.771401	1.020981	0.708909	0.903348	1.001908	0.717917	0.778182
0.890411	0.814645	0.749558	0.864984	0.945106	1.07254	1.068046	0.685638	0.832163	1.293261
0.75086	0.841421	0.774371	1.080423	0.78505	1.045249	0.997013	0.793496	0.78357	1.031241
0.855296	1.197599	0.981223	1.025609	0.874578	0.703256	1.000145	0.865798	0.872546	1.044788
0.914214	1.030907	0.827633	1.067427	1.068229	0.818337	0.983193	0.945581	0.837553	0.939861
0.813519	0.832672	0.807779	0.969582	1.037887	0.739204	0.677922	0.677313	0.737281	0.964885
0.840919	0.943018	0.982749	0.899609	0.726567	1.001662	0.740605	0.6393	0.823678	0.884152
0.964685	0.973369	0.84956	0.883745	0.753479	0.7746	0.963978	0.805412	0.934343	0.855417
0.847496	0.775916	0.860954	1.054809	0.769907	0.821486	1.210252	1.206281	0.80216	0.770797
0.928616	0.828363	0.914973	1.08995	0.84264	0.792949	0.796827	0.786693	0.764825	0.718272
0.999298	1.030907	0.892056	0.837202	0.822233	1.126452	0.721163	0.682592	0.877274	0.846609
1.248361	0.958651	0.738098	0.709431	0.83501	0.950559	0.771968	0.826028	0.801162	0.781922
0.78296	0.645577	0.829776	0.84153	0.748139	0.953404	0.809811	0.990968	0.816386	0.714236
0.741242	0.750097	1.029492	0.969582	0.827511	1.011339	0.859147	0.845457	0.914475	0.724809
0.837668	0.955767	1.072385	0.861555	0.906497	1.014614	0.704936	0.819739	0.943936	0.657801
1.04034	1.046567	0.94194	0.793218	0.821185	0.812107	0.765512	0.905758	0.860947	0.733962
0.785825	0.745644	0.908485	0.741897	0.817018	0.953404	0.90587	0.853255	0.7296	0.788546
0.646107	0.726574	1.059431	0.867285	0.827511	0.862322	0.760053	0.703577	0.70017	0.802104
0.790643	0.789425	0.807779	0.807055	1.075688	0.649728	0.586488	0.821825	0.913182	0.814072
0.820728	0.871138	0.752246	0.729121	1.034453	0.729721	0.677922	0.756885	0.989164	0.920056
0.84971	0.763737	0.799684	0.776988	1.068229	1.017913	0.882479	0.904492	0.708147	0.964885
0.580476	0.769316	1.173447	0.840444	1.14266	0.933868	0.712163	0.875153	0.804164	0.745897
0.789675	0.930633	0.963324	0.959479	0.953542	0.615636	0.742337	0.904492	0.893005	0.756394
0.809453	0.971874	0.905917	0.866133	0.790868	0.732287	0.884883	1.009894	0.998489	1.002221
0.942137	0.853746	0.756763	0.854777	0.907773	0.811077	0.815937	0.905758	0.816386	0.966319
0.88196	0.968901	0.795692	0.933187	1.096885	1.245562	0.941438	1.029683	0.739871	0.751114
0.854173	0.909452	0.921559	0.712651	0.952124	0.712173	0.739741	0.901969	0.725392	0.820182
0.924641	0.794353	0.784901	0.854777	0.985953	0.617608	0.744949	0.86349	0.857527	0.970648
0.777286	0.838119	0.753145	0.792246	0.784088	0.704863	0.747576	0.987892	1.070058	1.115628
0.652404	1.066508	0.704623	0.875437	0.950712	0.82254	0.821109	0.766902	0.651611	0.863273
0.693779	1.044799	0.976679	0.921268	0.752585	0.700855	0.804771	0.804406	0.603487	1.026268
0.697673	0.763737	0.887124	0.993595	0.684098	0.66562	0.853505	0.94143	0.70017	0.906085
0.863239	0.81154	0.84956	0.857024	0.918116	0.823597	0.844627	0.694125	0.96378	0.855417
0.763417	0.940235	0.740716	1.058377	0.914208	0.957707	0.766428	0.605617	0.790327	0.800141
0.766155	0.996424	0.879829	0.883745	0.945106	0.73143	0.858013	0.692569	0.782614	0.818136
0.89655	0.680742	0.93231	0.782647	0.69885	0.767101	0.938701	0.878713	0.769436	0.821209
0.943512	0.797337	1.012799	0.82552	0.80174	0.779354	0.808798	0.764147	0.755747	0.696908
0.847496	0.705875	0.749558	0.953811	0.928712	0.902296	0.926594	0.749741	0.923634	0.92525
0.944892	0.821978	0.677309	0.808061	0.873396	0.802927	0.722819	0.678064	0.750391	0.939861
0.856422	0.801348	0.790754	0.687533	0.679542	0.707286	0.661764	0.629119	0.739006	0.91238
0.762508	0.750993	0.784901	0.685251	0.650331	0.718774	0.702554	0.80743	0.728755	0.654288
0.818656	0.684575	0.795692	0.78742	0.771771	0.78127	0.627799	0.981805	0.874904	0.751989

0.902776	0.755502	0.796687	0.968124	0.909052	0.777446	0.623156	0.685638	0.89921	0.948043
0.75889	0.872323	0.900825	0.623806	0.639175	0.984462	0.862568	0.738379	1.108784	0.91238
0.767991	1.012504	0.881036	0.628441	0.628971	0.942134	0.861425	0.861194	0.824729	0.653588
0.712794	0.70105	0.903364	0.881355	0.946501	0.73143	0.73716	1.036485	0.867869	0.635789
0.744715	0.690778	0.873842	0.999812	0.731647	0.707286	0.75022	0.808442	0.78357	0.758169
0.790643	0.735139	0.858651	0.703061	0.84264	0.91127	0.747576	0.828144	0.927619	0.85653
0.763417	0.965948	1.048627	0.629774	0.779309	0.884886	0.786136	0.827084	0.69702	0.673609
0.680045	0.745644	0.737229	0.779808	0.827511	0.694518	0.776639	0.779996	0.565933	0.58639
0.730144	0.743875	0.727782	0.819277	0.963594	0.715461	0.751105	0.776214	0.68236	0.663483
1.095331	0.820923	0.81707	0.769555	0.657452	0.623577	0.701763	0.919939	0.853008	0.9692
0.854173	0.919914	0.716048	0.692134	0.720714	0.743584	0.669034	0.779047	0.740738	0.751114
0.63176	0.74831	0.747775	0.809069	0.773643	0.726323	0.88609	0.755985	0.675585	0.75024
0.687622	1.077783	1.064935	0.965223	0.848174	0.784161	0.776639	0.822872	0.78549	0.747629
0.666005	0.841421	0.630736	0.641276	0.864054	0.708909	0.75288	1.016391	0.888104	0.863273
0.808443	0.820923	0.553734	0.629774	0.932753	0.800913	0.782312	0.771533	0.744223	0.804076
0.747338	0.81051	0.710298	0.671805	0.740249	0.725478	0.946964	0.651134	0.5904	0.768971
0.700813	1.066508	1.052198	1.01091	0.984426	0.74712	0.72199	0.669145	0.667446	0.903593
0.739516	0.886796	0.895793	1.014134	0.82014	0.700855	0.909681	0.925213	0.882054	0.880601
1.117377	0.88435	0.747775	1.103649	0.876952	0.64409	0.84353	0.954003	0.745099	0.773552
0.777286	0.842527	0.775317	0.958055	0.9382	0.847533	0.78422	0.669882	0.692337	0.878251
0.911646	0.951476	0.786843	0.844804	0.83178	1.022909	0.755556	0.649725	0.784529	0.782862
0.971978	1.083532	0.7947	0.806052	0.721546	0.667094	0.826343	0.814568	0.882054	0.768971
1.136286	0.746531	0.674294	1.019015	0.796764	0.734868	0.760053	0.729836	0.794236	0.766245
0.919396	0.742994	0.758583	1.014134	1.251854	0.972367	0.678671	0.626444	0.99225	1.091985
0.821768	0.807435	1.143674	0.874263	0.830709	0.966444	0.747576	0.753298	0.832163	0.920056
0.806429	0.853746	0.829776	0.904609	0.675781	0.854296	0.97719	0.930552	0.972571	0.678762
0.702391	0.658432	0.908485	1.088028	0.871042	0.839773	0.934628	1.085415	0.922314	0.764437
0.835514	0.879499	0.966256	0.796146	0.705214	0.832149	0.812863	0.78573	0.818457	0.759059
0.971978	0.918592	1.137083	0.689827	0.704414	0.943527	0.707332	0.858911	0.884464	1.123804
1.042065	0.865263	0.916282	0.810079	0.874578	0.860014	0.745823	0.929211	0.836469	0.934491
0.668192	0.746531	0.821265	0.978432	0.900174	1.05236	0.837005	0.847671	0.79818	0.700786
0.894084	0.84698	0.800688	1.037396	0.848174	0.728869	0.778522	0.775274	0.815354	0.711832
0.885562	1.055518	0.913668	0.803057	0.9479	0.698468	0.824242	0.89449	0.939799	0.904837
0.890411	0.848101	0.895793	0.668873	0.881738	0.973861	1.073593	1.075928	0.96378	1.097777
0.747338	0.826224	0.987357	0.656627	0.821185	1.208072	1.306933	1.070334	0.767586	0.751989
0.795515	0.891729	0.951788	0.813123	0.804753	0.770834	0.742337	0.995623	0.941173	0.763536
0.859817	0.852611	0.755856	0.864984	0.844845	0.549466	0.646185	0.782853	1.050145	0.827421
1.089508	1.03262	0.8462	0.703852	0.703614	0.766172	0.853505	0.834556	0.710569	0.89498
0.774476	1.132491	0.987357	0.79811	1.059083	1.11388	0.907137	0.914729	0.75485	0.863273
0.814542	1.093287	1.256821	0.867285	1.036166	0.78127	0.760958	0.882304	0.853008	0.828465
0.804424	0.832672	0.824437	1.19393	1.027664	0.649728	0.738019	0.958276	0.928956	0.865544
1.07435	0.892972	0.760411	0.839361	0.79479	0.795918	0.962534	0.838884	0.888104	0.982407
0.70477	0.880707	0.824437	0.826569	0.905225	0.755183	0.895867	0.823921	0.643904	0.821209
0.688387	0.930633	0.823377	0.910941	0.881738	0.61237	0.728667	0.723121	0.635651	0.973558
0.724283	0.673928	0.883461	1.027274	0.82014	0.753379	0.807788	0.968414	0.866708	1.046512
0.860955	0.631044	0.698227	1.01091	1.055478	1.111819	1.003299	0.921252	0.884464	0.76806
0.840919	0.734275	0.73377	1.065602	1.121253	0.981406	0.989281	0.832408	0.769436	0.754627

0.82281	0.905593	0.876227	0.849208	0.708432	0.762478	0.854628	0.718152	0.812274	0.881782
0.902776	1.024125	1.045085	1.103649	0.872217	0.805965	0.899591	0.861194	0.893005	0.825341
0.996176	0.728274	0.869111	0.881355	0.979878	0.982931	0.902092	0.968414	1.28342	0.790457
0.89903	0.828363	0.754047	0.811091	0.772706	1.01626	0.819033	0.740107	0.787418	0.76534
0.979396	0.871138	0.818115	1.012519	0.730797	0.770834	0.730353	0.662575	0.845212	0.818136
0.764328	0.781654	1.029492	0.876614	0.844845	1.021237	0.78806	0.669145	0.905506	0.84552
0.766155	0.844748	0.912366	0.731646	0.827511	0.888559	0.935981	1.075928	0.888104	0.743311
0.847496	0.831591	0.973675	0.962342	0.936832	0.891024	0.710547	0.86349	0.856393	0.798187
0.87133	0.914651	1.115811	0.912218	0.86175	1.00007	0.72365	0.764147	0.86555	1.032911
1.121509	1.079691	0.820212	0.707031	0.984426	1.331918	0.922632	0.989427	1.186171	0.875912
0.883157	1.101251	0.85522	0.763154	0.922059	0.972367	0.933279	1.764513	0.960889	0.830561
0.825951	0.824096	0.975174	0.835055	1.001526	0.946326	0.768267	1.107046	0.824729	0.875912
0.662384	0.760058	1.210547	1.365831	1.208905	0.89725	0.693928	0.735798	0.775035	0.805066
0.97051	0.865263	0.961865	1.020654	1.031045	1.083955	0.756451	0.956847	0.821582	0.726459
0.850822	1.170845	0.823377	0.925205	0.866371	1.103674	0.880089	0.849896	0.640446	0.710236
0.796495	0.903039	0.924222	0.965223	1.039614	0.866976	0.948357	0.860051	0.648091	0.699231
0.834441	0.778776	1.032909	0.866133	0.946501	0.79	0.860285	0.914729	0.871372	1.043072
1.153815	1.007617	0.857504	0.797127	0.837176	0.756088	0.827398	0.968414	0.68388	0.97796
1.03013	1.115551	0.715222	0.812106	1.060897	0.908687	0.87417	1.203755	0.791301	0.790457
0.729302	0.81154	0.823377	0.87076	0.954964	0.9606	0.97719	0.753298	0.86555	0.941214
0.760695	0.976373	0.921559	0.75506	0.671311	0.713814	0.799789	0.749741	0.867869	0.893764
0.897788	1.017446	0.713574	0.777926	0.796764	0.768963	0.86833	0.846563	0.82684	0.9692
1.134144	0.805396	0.672047	0.876614	1.201304	0.806983	0.872996	0.917326	0.848536	0.907337
0.840919	0.853746	0.93231	1.046015	0.892706	0.913868	0.920011	0.578519	0.770364	1.058772
0.915504	1.218147	0.852947	1.012519	0.673541	0.658324	0.863715	0.805412	0.945323	0.988408
0.936678	0.880707	0.763167	0.797127	0.719884	0.596396	0.990817	0.972832	0.915772	0.926558
1.15831	0.754596	0.780083	0.831853	0.882944	0.685953	0.938701	0.921252	0.765743	0.758169
0.916798	0.88435	0.883461	0.744498	0.825392	0.87168	0.82007	0.705972	0.753955	1.003784
0.933974	0.918592	0.972181	0.862695	0.918116	0.927099	0.622497	0.60689	0.757548	0.937168
1.105214	1.012504	0.814989	0.927849	0.857177	0.800913	0.697828	0.757786	0.950919	0.712632
0.958937	0.761894	0.762247	1.109655	0.893941	0.717114	0.968337	0.956847	0.928956	0.853198
0.675562	0.602085	0.899562	1.012519	0.910336	0.820433	0.658889	0.642747	0.904239	0.821209
0.870165	0.89672	1.171083	0.767716	0.8629	1.1712	0.717049	0.737517	0.900462	0.957788
1.045536	0.994848	0.907199	0.768635	0.799743	1.029661	0.816966	0.701987	0.834311	0.846609
0.643337	0.670188	0.866765	0.987466	0.710861	0.935235	0.914815	0.96404	0.977034	0.76806
0.677798	0.697071	0.852947	0.887355	0.864054	0.8354	0.86833	0.901969	0.965233	0.735647
0.793559	1.024125	0.854082	0.639224	0.878144	0.969395	0.703347	0.767825	0.928956	0.818136
0.855296	0.883132	0.79371	0.633799	0.687932	0.954834	0.802771	0.883507	0.876087	1.021351
0.866689	0.795346	0.857504	0.670337	0.7291	1.047016	0.959661	0.965493	0.760263	0.926558
0.879575	0.960101	0.976679	0.900853	0.839354	0.695306	0.799789	0.980297	0.821582	0.762637
1.407766	1.064657	0.809827	0.831853	0.928712	0.664885	0.700184	0.951177	0.998489	0.82638
0.92995	0.751891	0.726086	0.852541	0.973886	0.809025	0.811843	0.764147	0.755747	0.917482
0.737797	0.921239	0.889583	0.873093	0.844845	0.80495	0.909681	0.770603	0.680845	0.854306
0.855296	1.170845	0.970692	0.770477	0.874578	0.812107	0.933279	0.857774	0.790327	0.745897
0.92995	1.03262	0.750452	0.898368	0.865211	0.649728	0.736304	0.992514	0.974053	0.884152
1.049035	0.883132	0.6713	0.796146	0.84264	0.6605	0.751991	0.925213	0.80216	1.099724
0.83659	0.778776	0.653757	0.720808	0.896424	0.746234	0.858013	0.804406	0.626216	0.849891

0.790643	1.014145	0.823377	0.842618	0.912914	0.798908	0.830577	0.809457	0.639071	0.775398
0.856422	0.945819	1.187909	1.147546	0.828574	0.801918	1.126994	0.85664	0.74862	0.815085
0.850822	0.781654	0.889583	0.988991	0.896424	0.84419	1.027717	1.083501	0.871372	0.946669
0.815567	0.644873	0.675046	1.09382	0.89767	0.982931	0.916108	0.803403	0.882054	1.01488
0.889193	0.697864	0.667587	0.816189	0.705214	0.698468	0.899591	0.723955	0.80517	1.006925
0.765241	0.856026	0.738969	0.633125	0.632346	0.688273	0.910959	0.878713	0.919685	0.980919
0.879575	0.867604	0.792723	0.705439	0.867534	0.693733	0.821109	1.061168	0.863242	0.711832
1.066966	0.812573	0.964788	0.899609	1.127565	1.029661	0.793885	0.74446	0.77316	0.745033
0.890411	0.794353	0.93231	0.89713	0.963594	1.021237	0.889731	0.631811	0.79818	0.820182
0.794536	0.767448	0.917596	0.682981	0.735068	0.956268	0.892175	0.740107	0.920997	1.039658
0.766155	0.731693	0.816028	0.690595	0.920741	0.81625	0.853505	0.765064	0.689242	0.782862
0.667461	0.723196	1.150365	0.802063	0.946501	0.828923	0.704936	0.883507	0.646691	0.720712
0.844195	0.778776	0.887124	0.663067	0.755274	0.805965	0.631145	0.845457	0.796203	0.781922
0.980895	1.117632	0.857504	0.759538	0.7291	0.782232	0.713786	0.907028	0.955164	0.873587
0.770759	0.905593	0.869111	0.764062	0.684098	0.700855	0.829514	0.831338	0.920997	0.787594
0.707162	0.812573	0.972181	0.860418	0.892706	0.798908	0.74147	0.852132	0.722054	0.899881
0.724283	0.906875	1.052198	1.040823	1.016035	0.734006	0.613372	0.971354	0.924958	0.938513
0.786785	0.837025	0.731193	0.752395	0.973886	0.831071	0.734595	0.892025	0.877274	0.917482
0.823854	0.753693	0.888352	1.084209	0.882944	1.087828	1.064386	0.779996	0.78549	0.817117
0.642648	0.89672	0.898302	0.960908	0.927373	0.862322	0.856882	0.721458	0.781659	0.824304
0.845293	1.034339	0.843974	0.869599	0.919426	0.704863	0.75915	0.866956	0.975541	0.945299
1.049035	0.815685	0.85522	1.027274	1.009526	0.832149	0.881283	0.94837	0.764825	0.829512
0.839833	0.766518	0.887124	0.878978	0.650331	0.762478	0.923949	0.731531	0.800166	1.275347
0.872499	0.831591	0.964788	1.088028	0.78892	0.915174	1.011287	0.823921	1.009628	1.07691
0.87367	1.185234	0.859801	0.741033	0.70202	0.806983	0.981685	0.923889	0.974053	0.903593
0.825951	0.734275	0.760411	0.869599	0.713303	0.82254	0.844627	0.734941	0.845212	0.783805
0.88196	0.762815	0.863269	1.101665	0.841542	0.888559	0.730353	0.74446	0.81742	0.930506
1.160575	0.92524	0.94754	0.953811	0.879339	0.821486	0.761865	1.005085	0.941173	0.893764
0.958937	0.987055	0.859801	0.922576	0.660333	0.785128	1.051816	0.875153	0.793255	0.693831
0.751745	0.774967	0.865596	0.985948	0.818056	0.78127	1.233824	0.923889	0.79818	0.690014
0.791613	0.915961	1.083804	0.898368	0.903957	0.861167	0.872996	0.787659	0.828962	0.861013
0.872499	1.111417	1.07051	0.747114	0.869869	1.054156	0.782312	0.905758	0.959451	1.10562
1.031815	0.872323	1.085737	0.987466	0.766202	0.87168	0.877712	1.191338	0.928956	1.101681
0.72595	0.783584	1.274406	1.103649	0.860602	0.874052	1.057159	0.855508	0.99225	0.872428
0.781061	0.852611	0.940551	0.889778	0.999943	1.054156	0.717869	0.779996	1.198444	0.873587
0.967588	1.39408	1.095532	0.82552	1.13397	1.168849	0.827398	0.890798	1.050145	0.966319
1.136286	0.998006	1.050409	0.995141	0.797755	0.883669	0.86833	0.994065	0.878464	0.870121
0.801434	0.872323	1.274406	0.965223	0.80074	1.00326	0.830577	0.799413	0.948112	0.8962
1.033507	1.457674	1.402145	1.240384	0.979878	0.689826	0.772898	1.109067	1.064536	0.948043
1.023455	1.126061	0.848437	1.015755	1.284056	0.75428	0.859147	0.900714	0.893005	0.922645
0.933974	0.999593	0.904638	0.74799	1.110933	0.946326	1.039599	1.341994	0.715454	0.970648
0.75889	1.466903	1.686636	0.988991	1.448278	1.325146	0.980181	0.975802	0.837553	1.048242
0.97051	1.050126	1.335313	1.477121	1.158298	0.928444	0.992357	1.123483	0.959451	0.929186
1.277087	1.109365	0.774371	1.229623	1.249042	0.756996	1.124895	1.043395	1.062711	0.861013
1.061508	1.121826	0.870289	0.770477	0.892706	0.978372	1.192764	1.021328	1.022718	1.31514
0.890411	1.490872	0.873842	0.910941	1.221876	0.888559	1.077331	1.000328	0.872546	1.016489
1.018515	0.976373	0.944731	0.993595	0.871042	0.652574	0.817998	0.989427	0.813298	1.290224

1.025114	0.714037	0.839556	1.082312	0.932753	0.796912	0.987751	1.328358	1.123198	1.101681
0.870165	0.81882	0.694276	1.229623	1.55311	1.374924	1.418944	0.984838	0.987629	0.985397
1.234681	1.457674	1.091587	1.633826	1.414171	1.259777	1.394891	0.861194	0.728755	0.929186
1.188719	1.103265	1.67145	1.229623	1.029352	0.940745	1.402761	1.093157	0.960889	1.61784
1.253957	0.977883	1.107585	1.009307	0.827511	1.047016	1.300609	1.737861	1.545552	1.138494
1.111253	0.922569	1.226322	1.280297	1.057277	1.213234	1.100462	1.460743	1.890596	1.053475
1.156949	1.202645	1.130591	1.259882	0.874578	1.047016	0.998576	0.975802	1.359319	1.485689
1.571516	1.02581	1.001485	0.864984	0.96505	1.386375	1.288232	0.984838	2.704491	1.374354
0.950456	0.909452	1.154885	0.892215	1.041348	1.043489	1.480864	1.248841	1.043124	1.1858
1.196049	1.117632	1.148123	0.916074	1.732261	1.602384	0.862568	1.729329	1.277406	0.945299
1.117557	1.064657	1.622125	1.254221	1.068229	1.69411	0.892175	1.165211	3.796637	1.423845
1.268268	0.999593	1.130591	1.29549	1.092953	1.205514	1.364761	1.356073	1.260642	1.036272
0.865536	1.744688	1.253958	1.020654	1.156029	1.111819	1.480864	1.598932	0.998489	0.966319
1.031815	0.985512	1.311868	1.458724	1.42245	1.029661	1.124895	1.72096	1.048379	1.1858
1.634348	1.143424	2.200844	1.334281	1.485293	1.242774	0.959661	1.363287	1.393049	1.38505
1.193592	1.602672	1.126317	1.054809	1.179269	1.382524	0.958232	1.855961	2.792707	1.377051
0.967588	1.832585	1.30862	2.516639	1.353075	1.251192	1.490477	1.580553	0.878464	0.903593
0.956092	1.642715	1.526481	1.766837	1.321378	1.188018	1.326475	1.393407	1.064536	1.060552
1.196049	1.297045	1.410248	0.759538	1.993234	1.289682	0.953972	2.130662	1.221449	1.281237
1.715915	1.398042	1.039825	1.063784	2.845863	1.66377	1.126994	1.283743	1.8022	1.183427
1.324087	1.371039	1.215742	1.501271	1.203823	1.085887	1.869213	1.235088	0.880854	1.557826
1.933758	1.762741	2.070885	1.304868	1.165177	0.970879	1.064386	1.149737	1.592271	1.569154
1.976176	1.197599	1.213136	1.020654	1.010766	1.265595	3.068708	1.231161	1.242656	1.808726
1.196049	0.909452	1.481166	1.000878	1.01571	1.088792	1.20817	1.405263	1.254151	1.151492
2.205616	1.05275	0.981101	1.008902	1.410091	1.161874	1.224087	1.254466	1.202822	1.177157
1.715915	1.101612	1.016926	1.436772	1.085388	1.240004	1.364761	0.947778	1.100603	2.257244
1.150473	0.933355	1.609003	0.508463	0.669416	0.709655	0.699595	1.005245	1.195961	1.081657
1.156153	1.378585	2.350013	0.83037	0.749893	0.689536	0.704625	1.442905	1.062711	0.531356
1.151723	1.153938	1.152277	1.187077	1.221876	3.98952	1.129136	1.216536	1.117774	1.090242
1.149508	1.150615	1.422693	1.169677	2.599043	1.041736	1.905567	1.172836	1.305892	1.743896
0.982399	4.356765	0.167158	0.208948	0.625342	1.229097	2.315813	1.395248	1.61766	2.007998
0.773221	0.334316	0.250737	0.188053	0.1985	0.117556	0	0.697624	1.630935	1.436751
0.668632	0.501474	0.292527	1.676271	0.036612	0	0	0.00286	1.122191	1.546757
1.127781	1.414261	0.14645	0.073225	0.018306	0.004577	0.005721	1.72096	1.298405	1.557826
3.64E-04	3.73E-04	0.394143	0.109837	0.009153	0.006865	1.410777	1.47462	0.651062	0.890015
3.83E-04	0.641837	2.018071	1.023951	0.059495	0.008009	0.007437	0.003718	0.064777	0.605613
1.871144	1.283291	2.110037	1.0223	0.901431	0.480463	0.244236	0.125836	0.560165	0.994493
1.327409	0.641646	0.831973	2.424281	1.49015	1.356484	1.383346	2.018688	2.198544	1.411666
0	0	0.320823	0.576398	1.278464	1.200443	0.672271	1.027808	1.219737	1.217551
0	0	0	1.620552	0.288199	0.144099	0.44421	0.85004	2.089067	1.218644
0	0	0	0	0	0.216149	1.973864	1.605236	0.42502	1.839775
0	0	0	0	0	1.671158	1.146361	0	0	0
0	0	1.877664	0	0	0	0	0	0	0
0	0	0	2.004597	0	0	0	0.593085	1.301977	0
1.463334	0	0	0	0	1.820938	1.220571	1.83391	1.186171	0.873587
0	0	0	0	0	0.967917	1.639805	1.066634	1.095168	1.241594
0	1.359962	1.560155	0	0	1.289682	0.947096	1.123703	1.109436	1.175515

[illegible]

160	161	162	163	164	165	166	167	168	169
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.326386	1.439262	1.081513	1.232505	1.786292	0.378298	0.745076	1.475536	1.361286	1.940419
0.5525	0.376522	0.257392	0.425925	0.756596	1.411266	1.111854	1.189451	2.366537	1.704249
0.157999	0.405825	0.522032	0.636799	0.716076	1.018937	1.130223	1.129348	2.268454	1.043162
0.470688	0.615512	0.99136	0.634752	0.771905	0.968977	0.775638	1.113628	1.128474	0.891319
0.734822	0.913789	0.961126	0.812166	0.811209	0.772256	0.729357	0.675354	0.92027	0.87322
1.210086	0.988466	0.8862	1.172201	0.902427	0.685963	0.745387	0.814896	0.952976	0.964996
1.003246	0.743525	0.712327	1.131902	0.934532	0.832634	0.961363	0.974716	0.652541	0.935372
0.651209	0.85123	0.858817	0.895438	1.021285	0.883567	1.308069	0.964436	0.72069	0.777133
0.641893	1.026089	0.780868	0.797072	0.969201	0.76415	0.674933	0.875506	0.823056	0.85358
1.035361	0.869904	0.795578	0.89668	0.773742	0.744949	0.765618	0.85812	0.745423	0.770553
0.823133	0.867526	0.659658	0.605158	0.703369	1.136095	1.06636	0.743017	0.712477	0.842429
0.759204	0.606966	0.612691	0.819394	0.775586	0.952146	0.72034	0.721755	0.596132	0.733035
0.81885	0.801624	0.724858	0.880802	0.638758	0.616541	0.846546	0.730135	0.584466	1.003119
0.701045	0.714225	0.777985	0.719396	0.610681	0.624231	0.903251	0.875506	0.824106	0.827283
0.709246	0.59099	0.646016	0.67241	0.876014	0.937271	0.848721	0.707066	0.896019	0.653494
0.890518	0.746208	0.6883	0.765602	0.864519	0.761481	0.705193	0.561796	0.609402	0.652782
0.838467	0.736451	0.751961	0.760118	0.781168	0.990977	0.841156	0.732681	0.888633	0.877973
0.767645	0.844429	0.810804	0.688283	0.834922	0.993996	0.908224	0.723418	0.805572	0.682975
0.697002	0.727767	0.682111	0.664321	0.698697	0.778668	0.689044	0.802726	0.66403	0.566601
0.83403	0.899513	0.833059	0.747584	0.795445	0.786113	0.618801	0.720098	0.691824	0.566601
0.891776	0.881997	0.673743	0.67241	0.697924	0.956293	0.680819	1.003911	0.985287	0.927266
0.840702	0.912472	0.658929	0.802045	0.704937	0.832634	0.806173	0.688223	0.714925	0.805511
0.738349	0.936819	0.743032	0.981591	0.960624	0.750967	0.843304	0.647896	0.559738	0.706478

0.760134	0.934046	0.806691	1.254623	1.014824	0.649523	0.67934	0.615523	0.847889	0.87559
0.784052	0.701093	0.582964	0.634752	0.913713	0.7282	0.837953	0.841403	0.889856	0.94642
0.908479	0.866341	0.553996	0.713645	0.939896	1.159847	0.801258	0.893617	0.728216	0.781896
0.807284	0.626948	0.710683	0.752911	0.69331	0.829511	0.891062	0.695193	0.709235	0.843531
0.802126	0.805719	0.761077	0.953763	0.806221	0.757948	0.716303	0.667958	0.77072	0.845744
0.69061	0.818243	0.647432	0.919669	0.989897	0.750967	0.8042	0.784127	0.926884	0.890089
0.909791	0.606316	0.664057	0.894199	1.031162	0.82641	0.995146	0.877877	0.660407	0.691446
0.830732	0.728628	0.667014	0.789231	0.69638	0.803346	0.715499	0.854724	0.661853	0.73475
0.923132	0.693877	0.791607	0.874847	0.636739	0.806286	0.685286	0.844695	0.744547	0.799486
0.867272	0.550291	0.589121	0.603888	0.639433	1.036955	0.601184	0.726764	0.766093	0.684503
0.756426	0.798577	0.809772	0.610918	0.673136	0.712867	0.770144	0.9151	0.753395	0.679179
0.725269	0.798577	0.733417	0.735401	0.88902	0.67638	0.578362	0.715165	0.863731	0.783815
1.053268	0.911159	0.68288	0.547493	0.827567	0.849681	0.666252	0.727604	0.767015	0.867351
0.746391	0.758028	0.740388	0.646479	0.863386	0.711283	0.786838	0.773713	0.592414	0.785743
0.58174	0.666154	0.787671	0.730283	0.866794	0.791781	0.656338	0.610997	0.517765	0.602459
0.596813	0.73122	0.656026	0.703163	0.727509	0.661334	0.648704	0.706264	0.641348	0.71215
0.694594	0.85123	0.655303	0.634752	0.565103	0.633379	0.692074	0.743017	0.836917	0.721216
0.810408	0.696269	0.60943	0.528433	0.69638	0.842141	0.686035	0.761719	0.673594	0.748719
0.659251	0.684438	0.623965	0.618718	0.860005	0.860685	0.692074	0.631408	0.651126	0.754974
0.720145	0.728628	0.787671	0.710393	0.661609	0.607115	0.684538	0.715165	0.701235	0.673173
0.790992	0.60179	0.638309	0.713645	0.592114	0.685219	0.65774	0.680607	0.633139	0.693004
0.582358	0.58476	0.530617	0.726063	0.705723	0.721678	0.648704	0.557795	0.643425	0.673919
0.596813	0.578619	0.550578	0.752019	0.681242	0.623585	0.592636	0.530237	0.508512	0.573658
0.773365	0.834423	0.653142	0.590776	0.564534	0.623585	0.640526	0.580573	0.60114	0.691446
0.617761	0.691498	0.66332	0.465088	0.546165	0.63206	0.645278	0.650706	0.558024	0.746065
0.645452	0.600505	0.496748	0.464168	0.69638	0.630745	0.546777	0.600827	0.617171	0.570704
0.693794	0.589112	0.610732	0.663593	0.552755	0.557809	0.576028	0.53507	0.617825	0.648535
0.775289	0.659491	0.623965	0.70396	0.601298	0.759711	0.67202	0.611641	0.793641	0.685269
0.662212	0.826798	0.694578	0.660694	0.673136	0.785175	0.645961	0.676848	0.604299	0.592438
0.707593	0.658025	0.627338	0.677637	0.736708	0.60836	0.568529	0.711907	0.581447	0.665048
0.57622	0.585999	0.781834	0.784401	0.711267	0.578259	0.543525	0.657095	0.661853	0.73561
0.689817	0.613525	0.761999	0.655665	0.822389	0.662038	0.519882	0.777471	0.594269	0.685269
0.788997	0.666154	0.582353	0.657813	0.65038	0.580007	0.526581	0.720098	0.632461	0.722885
0.630695	0.668398	0.560914	0.662141	0.767346	0.566779	0.586631	0.506847	0.530953	0.726242
0.66147	0.833326	0.645309	0.635433	0.676066	0.581177	0.628542	0.582978	0.54844	0.635352
0.673502	0.72949	0.633475	0.653528	0.708883	0.634701	0.657038	0.750934	0.767938	0.655637
0.911107	0.798577	0.599157	0.790203	0.815241	0.703454	0.61306	0.567577	0.548998	0.704871
0.848618	0.830049	0.685194	0.769298	0.668777	0.80727	0.843304	0.531842	0.567825	0.746065
0.866083	0.810894	0.745691	0.884415	0.624819	0.696525	0.888664	0.625383	0.741057	0.83479
0.685877	0.60179	0.676767	1.026154	0.700249	0.715252	0.93531	0.718447	0.798573	0.830484
0.665943	0.478327	0.579311	0.920983	0.876014	0.79849	0.702849	0.665035	0.787797	0.775243
0.741905	0.672163	0.618623	0.790203	0.850017	0.992484	0.625271	0.670901	0.813712	0.90129
1.060643	1.056155	0.826583	0.726063	0.658774	0.791781	0.70755	0.805737	0.737596	0.851327
1.018163	0.620856	0.726556	0.731132	0.684228	0.948039	0.950202	0.825306	0.819919	0.604364
0.533309	0.470174	0.633475	0.744944	0.732503	0.770442	0.713099	0.660686	0.861432	0.696924
0.665194	0.720098	0.67299	0.700779	0.920113	0.948039	0.628542	0.732681	0.867202	0.819904
0.796017	0.710905	0.757408	0.647179	0.775586	0.786113	0.78027	0.87669	0.680341	0.805511

0.609787	0.574371	0.772276	0.682168	0.792552	0.773166	0.810145	1.05981	0.700442	0.847969
0.620452	0.705154	0.861131	0.801046	0.704152	0.823332	0.639178	0.816958	0.828335	0.849085
0.895574	0.919099	0.912806	1.0777	0.983882	0.663451	0.656338	0.994478	0.81474	0.827283
0.733945	0.755272	0.587882	0.716922	0.897504	0.680041	0.592636	0.749162	0.834756	0.651362
0.777221	0.818243	0.597257	0.712016	0.997534	0.803346	0.72034	0.758997	0.733307	0.850204
0.659251	0.852374	0.831973	0.789231	0.952214	0.80727	0.855313	0.701485	0.626414	0.897524
0.641893	0.648609	0.685969	0.803047	0.834922	0.739013	0.811144	0.702278	0.654672	0.853558
0.9355	0.826798	0.658929	0.738847	0.817271	1.020545	0.854208	0.940439	0.828335	0.805511
0.838467	0.838842	0.617298	0.873665	0.970647	1.214151	0.981612	0.749162	0.901013	0.81886
0.722699	1.071058	0.686744	0.781529	0.820334	0.711283	0.798335	0.659966	0.629091	0.927266
0.772407	0.838842	0.736889	0.710393	0.614491	0.672028	0.867664	0.601456	0.656099	1.043162
0.97947	0.702713	0.696162	0.822529	0.654557	0.759711	0.911991	0.654244	0.658248	0.862712
0.917746	0.828963	0.676767	0.773961	0.826526	0.983519	0.731849	0.80073	0.827274	0.72793
0.861356	0.753444	0.695369	0.960915	0.85665	0.910214	0.660559	0.74041	0.701235	0.745184
0.946797	0.936819	0.799587	0.721053	0.684228	0.85186	0.71953	0.722586	0.908614	0.821999
0.828548	1.019307	0.923386	0.701572	0.741809	0.896686	0.848721	0.727604	0.712477	0.676165
0.681195	0.686778	0.774171	0.908023	0.969201	0.901557	0.805185	1.003911	0.727373	0.556795
0.761999	0.701093	0.83853	0.950935	0.728338	0.681514	0.665536	0.76263	0.671369	0.7254
0.852055	0.7866	0.848555	0.7749	0.782105	0.643399	0.604278	0.767214	0.728216	0.638094
0.733945	0.962613	0.666273	0.826744	1.212412	0.884744	0.721152	0.77465	0.823056	0.696924
0.772407	0.858139	0.780868	0.849571	0.780233	0.801397	0.904489	0.849124	0.795607	0.950637
0.807284	1.050696	0.739511	0.930291	0.815241	0.673474	0.889861	0.889934	0.86258	1.011162
0.912427	0.95967	0.842957	0.882003	1.097599	0.766835	0.70441	1.011932	0.902271	0.984402
1.133342	1.043522	0.729973	1.121341	1.292686	0.998565	0.835831	0.870801	0.788765	0.982878
1.01147	0.911159	0.863457	0.906748	0.916262	0.935943	0.975729	0.614874	0.826216	1.217092
0.895574	1.019307	1.171067	0.953763	0.684978	0.797525	0.952965	0.877877	1.065433	0.935372
0.917746	0.929918	0.86697	0.7565	0.765536	0.848596	1.138643	1.054421	1.072831	0.979846
0.876909	0.652929	0.728261	0.87014	1.011628	1.003182	0.974271	0.761719	0.723184	0.765913
0.932721	0.775904	0.831973	0.880802	1.021285	1.033623	0.666969	0.62805	0.795607	0.854711
1.0284	0.917766	1.007305	0.89668	0.638758	0.721678	0.709128	0.854724	0.75429	0.746065
1.118221	0.773988	0.711504	0.863175	0.679017	0.95908	1.050458	0.944578	0.842369	0.688347
0.750924	0.733828	0.788652	0.980081	1.065808	1.151059	0.928706	0.719272	0.81784	0.773361
0.709246	0.833326	0.823381	0.996987	1.452604	0.935943	0.742816	0.696758	1.072831	0.819904
0.731324	0.791551	0.764778	0.618718	0.816255	0.762369	0.633163	0.731831	0.907338	0.976835
0.904567	0.811936	0.736889	0.636116	0.723392	0.7282	0.87571	0.991379	0.592414	0.751389
0.710905	0.714225	0.854226	0.68598	0.815241	0.928063	0.868804	0.833816	0.559738	0.626557
0.667444	0.741746	0.697752	0.915752	0.789678	0.797525	0.872244	1.143264	0.802559	0.638094
1.089471	0.816131	0.667014	0.784401	0.892635	0.800426	0.72034	0.936338	0.989886	0.817818
0.899406	0.884456	0.881312	0.673153	0.867936	1.12777	0.869948	0.833816	0.850117	1.163188
0.654116	0.824643	0.65675	0.832071	0.902427	0.705008	0.644596	0.631408	0.540703	0.72205
0.714242	0.792547	0.849683	0.848457	0.712065	0.588857	0.633828	0.730982	0.609402	0.730475
1.03361	0.655106	0.875279	0.938431	0.706511	0.69729	0.637834	0.812844	0.853481	0.910206
0.81885	0.708431	0.648852	0.899175	0.843483	0.84001	0.762031	0.579376	0.899759	0.833709
0.901979	0.775904	0.699347	1.019501	0.999077	0.67711	0.71953	0.542147	0.731603	0.742552
0.888012	0.877119	0.741268	0.873665	0.701806	0.719257	0.680079	0.680607	0.830465	1.353949
0.807284	0.819303	1.010566	0.819394	0.661609	0.752701	0.858647	0.74389	0.823056	0.87678
0.806247	0.693082	0.662585	0.673153	0.806221	0.877733	0.759361	0.881459	0.864885	0.627899

0.996778	0.879551	0.800594	1.009709	1.123583	0.813224	0.751445	0.786048	0.765174	0.90764
0.952558	0.905944	0.871698	0.963809	0.759259	0.69729	0.696659	0.650706	0.940421	1.041418
0.839583	0.925829	1.24023	0.731982	0.714468	0.80237	0.736035	0.632083	0.752502	0.626557
0.707593	0.754357	0.839632	0.882003	1.164597	0.895477	0.810145	0.899826	0.696504	0.595545
0.642602	0.714225	0.898666	0.842926	0.871379	0.82641	0.803217	0.926918	0.741927	0.747832
0.880578	0.839954	0.878889	0.744944	0.731667	0.689706	0.727704	0.852475	0.820962	0.9313
0.815665	0.801624	0.701751	0.721053	0.804242	0.809246	0.6898	0.770916	0.836917	0.761321
0.809364	0.732087	0.729973	0.799054	0.756596	0.84001	0.860884	0.888713	0.672109	0.891319
0.719297	0.835524	0.797578	1.096995	1.022916	0.7282	0.8182	0.852475	0.616518	0.888862
0.814608	0.817186	0.774171	0.752911	0.966323	0.708135	0.749706	0.887496	0.766093	1.046672
0.971826	0.746208	0.525232	0.678389	0.960624	0.688955	0.835831	1.021757	0.69572	0.906362
0.812503	0.715895	0.514657	0.822529	0.964891	1.027035	0.914521	0.679852	0.605569	0.932653
0.685093	0.819303	0.842957	0.943944	0.75483	1.020545	0.799307	0.656381	0.663303	0.793543
0.785036	0.93543	0.752864	0.780576	0.704937	0.629435	0.762925	0.700693	0.78683	0.66213
0.762935	0.812981	0.6883	1.068365	0.792552	0.648155	0.772882	0.861542	0.815771	0.7254
0.927216	0.756188	0.797578	0.984627	0.945328	0.740701	0.775638	0.758997	0.768864	0.824105
0.819917	0.820366	0.80465	0.989221	0.830704	0.982043	0.695125	0.659966	0.91635	1.019358
0.985684	0.822499	0.816	1.066522	0.72094	0.700361	0.727704	0.724252	0.812686	0.759499
0.777221	0.670653	0.705788	0.787292	0.701027	0.736494	0.711506	0.960104	0.875412	0.606917
0.654116	0.701902	0.86697	0.816281	0.768254	0.977644	0.754068	0.725925	0.81474	0.607557
0.750924	0.905944	0.876479	1.008098	0.957803	0.864042	0.8042	0.943194	1.013637	0.800484
0.85552	0.863982	0.86697	0.673153	0.81829	0.787052	0.82126	0.879068	0.986815	0.819904
0.827459	0.748005	0.819148	0.705559	0.839181	1.094069	0.924791	0.996036	0.694938	0.9313
0.683529	0.936819	0.876479	0.746702	0.896282	1.099829	1.005972	0.817993	0.710853	0.830484
0.683529	0.716733	0.859972	0.948125	1.071251	0.860685	0.888664	1.072653	0.78683	0.667985
0.787012	0.754357	0.61796	0.874847	1.084225	0.89187	0.664108	0.855853	0.87305	0.696137
0.929959	0.867526	0.669245	0.663593	0.803255	0.799457	0.840085	0.678348	0.884987	1.05199
0.67503	0.924475	0.767574	0.799054	1.190242	1.144583	0.977193	0.679099	0.715743	0.892553
0.735701	0.888172	0.794582	0.857455	0.87369	0.794644	1.005972	0.875506	0.767938	1.109097
0.846342	0.797566	0.834147	1.087241	0.750447	0.72087	0.892265	0.992926	0.766093	0.771487
0.991989	0.765465	0.676767	0.835299	0.841327	0.813224	0.767423	0.796766	0.871874	0.689119
0.958396	0.718412	0.666273	0.992311	0.770075	0.832634	1.002851	0.681362	0.721519	0.745184
0.970313	0.816131	0.722322	0.800049	0.593935	0.656432	0.763821	0.609072	0.832605	0.874403
0.932721	0.820366	0.983602	0.793133	0.589697	0.749239	0.93531	0.737818	0.864885	0.957757
0.911107	0.752532	0.967007	0.826744	0.725858	0.794644	0.801258	0.883864	0.850117	0.647128
1.00162	0.752532	0.961126	0.823579	0.893847	0.990977	0.706763	0.83597	0.778227	0.632627
1.128968	0.753444	0.935605	1.019501	0.917542	0.948039	0.820238	0.859257	0.909894	0.950637
0.791992	1.059833	0.872888	0.667979	0.802271	1.111584	1.092316	0.840311	1.082258	0.816779
0.692199	0.916436	0.871698	0.703163	0.830704	0.890674	1.160436	0.880262	0.798573	0.728777
0.783069	0.784636	0.949598	0.910584	1.091817	0.920323	0.902016	0.904858	0.797582	0.777133
0.780135	0.883225	1.023858	0.920983	1.113404	1.062795	0.762925	0.992926	0.899759	0.995222
0.934108	0.90336	0.703362	0.715281	1.202419	0.946678	0.695892	0.985245	0.967366	0.942244
0.743694	1.009329	0.793588	0.69215	0.885434	0.867424	0.778411	0.772779	0.746302	1.009542
0.779162	0.898238	0.795578	0.926277	0.768254	0.797525	0.93798	0.741277	0.715743	0.960638
0.97947	1.104533	0.946763	0.786326	0.862256	0.804324	0.713099	0.622071	0.658248	0.936737
0.998386	0.893176	0.636231	0.769298	0.953605	0.854049	0.972818	0.911231	0.983765	0.897524
1.058787	0.835524	0.650992	0.890504	1.04469	0.901557	0.992102	0.989837	0.757888	0.821999

0.832928	0.888172	1.013851	1.142726	0.747837	0.859572	1.050458	0.790887	0.805572	0.969398
0.842949	1.067284	0.800594	1.027833	1.036186	0.860685	0.862006	0.823204	0.850117	0.832632
0.792995	0.762661	0.640397	0.995423	0.957803	0.971847	1.082867	0.875506	1.002391	0.730475
1.031866	0.640799	0.665533	0.919669	0.913713	0.980571	0.797365	0.738681	0.805572	0.681453
0.869661	0.60827	0.703362	0.749352	0.796413	0.992484	0.646645	0.759903	0.845673	0.859265
0.861356	0.730354	0.952451	0.795098	0.774663	0.808257	0.714698	0.734387	0.700442	0.757683
0.88552	0.820366	0.906322	0.776784	0.708883	0.866294	0.71953	0.846904	0.714107	0.763152
0.5911	0.767345	0.893637	0.89668	0.858884	0.912719	0.94337	0.812844	0.843467	0.686036
0.842949	0.793547	0.66332	0.752911	0.912445	0.80727	0.691315	0.850238	0.91635	0.81886
0.896848	0.893176	0.646016	0.577452	0.795445	0.828475	0.796398	0.967348	0.896019	0.885202
0.775289	0.769232	0.76664	0.724387	1.042976	0.83368	0.860884	0.804731	0.691049	0.855845
0.859012	0.737329	0.789634	0.783441	0.916262	0.760595	0.629199	0.725088	0.751611	0.782854
1.03361	0.783657	1.041067	0.990763	0.78493	0.573631	0.683792	0.843595	0.907338	0.803493
1.077709	0.775904	0.692213	0.977077	0.777439	0.640033	0.857533	0.839222	0.783943	0.897524
0.726129	0.821431	0.650277	0.787292	0.785875	0.768635	0.77656	0.822156	0.761516	0.914084
0.781111	0.929918	0.756495	0.748467	0.86908	0.71605	0.614329	0.716803	0.751611	0.746948
0.841824	0.826798	0.727408	0.706361	0.673136	0.734823	0.792549	0.825306	0.747182	0.75859
0.985684	0.809854	0.680577	0.74058	0.653858	0.710494	0.871094	0.810801	0.731603	0.771487
0.961344	0.759875	0.632789	0.744944	0.819311	0.902783	0.820238	0.659966	0.833679	0.646426
0.928585	0.744417	0.684421	0.857455	0.983882	0.845356	0.68829	0.780311	0.714107	0.72793
0.884279	1.052508	1.049934	0.88928	0.765536	0.659226	0.674203	0.654244	0.782985	0.786711
0.867272	0.845555	0.927421	0.714462	0.598215	0.884744	0.834774	0.714348	0.760606	0.701675
0.893039	0.651485	0.687521	0.638169	0.677539	0.907723	0.836891	0.962987	0.913756	0.657791
0.962826	0.66244	0.857665	0.822529	0.822389	0.985	0.800281	0.948758	0.915051	0.921945
1.013134	0.844429	0.946763	1.016212	0.827567	0.897899	0.94609	0.736099	0.856871	1.05021
0.654116	0.936819	0.789634	0.668714	0.834922	1.017336	0.917066	0.743017	0.859146	0.86156
0.603901	0.689131	0.787671	0.704759	0.82136	0.766835	0.767423	0.894852	0.780124	0.637407
0.75275	0.822499	0.871698	0.909301	0.867936	0.669868	0.864261	0.964436	0.709235	0.784778
0.95111	0.881997	0.903755	0.812166	0.829656	0.788938	0.778411	0.88266	0.751611	1.136383
1.272008	0.872296	0.713977	0.829932	0.917542	0.942621	0.783072	0.971754	0.86258	0.83479
1.210086	0.890667	0.679813	0.825686	0.820334	1.047107	0.8182	0.772779	0.558595	0.614015
0.736582	0.855824	0.776074	0.737983	0.731667	0.815227	0.951582	0.737818	0.567825	0.712967
0.779162	1.05799	0.899933	0.821481	0.871379	0.767734	0.93531	0.786048	0.806581	0.726242
0.860183	0.792547	0.697752	0.995423	0.884245	0.787994	1.379581	1.067102	1.069116	0.755875
1.031866	0.827879	0.760157	1.027833	0.918825	0.782374	0.8182	0.805737	0.721519	0.807538
0.955467	0.825719	0.864625	0.818354	0.97795	1.003182	0.695125	0.514504	0.750722	0.925929
1.053268	0.805719	0.734282	0.833144	0.763733	0.80237	0.705193	0.695193	0.735017	0.836959
0.904567	0.798577	0.662585	0.725224	0.731667	0.654348	0.90573	0.95016	0.856871	0.678424
0.904567	0.589737	0.746581	0.899175	0.857765	0.744949	0.795432	0.68516	0.714925	0.659233
0.776254	0.732957	0.714804	0.867806	0.916262	0.806286	0.659147	0.636153	0.929558	0.844636
0.846342	1.147533	0.912806	0.706361	0.752195	0.820274	0.914521	0.827418	0.724019	0.823051
0.837354	0.794548	0.878889	0.771157	0.740102	0.858462	1.119922	1.11774	0.63111	0.885202
0.668951	0.760802	1.141325	0.942559	0.838113	1.023777	0.904489	0.98677	0.790709	0.856982
0.831829	0.884456	0.953885	1.044993	1.000627	0.81926	0.822285	1.27243	0.812686	0.745184
1.179696	1.313395	0.823381	0.796084	1.053365	0.866294	0.87571	1.175072	0.796593	0.788652
0.915078	1.024384	0.779905	0.747584	0.989897	0.893069	0.923494	1.003911	0.847889	0.945024
0.681195	0.879551	0.762924	0.731132	1.074919	1.192086	1.030122	0.841403	0.843467	0.874403

0.780135	1.13418	0.862292	0.75921	0.816255	0.907723	1.017075	1.138905	0.820962	1.214491
1.151295	1.466654	0.856516	0.930291	0.786823	0.685963	0.77656	0.913806	0.714925	0.740806
0.920431	0.999575	0.698549	0.802045	0.771905	0.816231	0.880376	0.775588	0.72069	0.801485
0.768593	0.977633	0.630055	1.095027	0.906157	0.858462	0.906975	0.680607	0.803561	0.919309
0.932721	0.955293	0.803632	0.952347	0.85665	0.737332	0.807162	0.652118	0.809623	0.99366
0.981016	0.758028	1.046365	0.858593	0.75132	0.883567	1.0013	0.77465	0.798573	0.905088
0.702673	0.645753	0.685194	0.74145	0.655958	0.777746	0.796398	0.855853	0.831533	0.638094
0.760134	0.610233	0.696162	0.983107	0.841327	0.83055	0.584253	0.799736	0.779175	0.713785
0.939702	0.867526	0.742149	0.809105	0.789678	0.774992	0.64733	0.74564	0.899759	0.726242
0.852055	0.915111	0.968489	0.604522	0.701027	0.864042	0.723597	0.737818	0.769791	0.751389
0.75735	0.893176	0.93286	0.742321	0.684228	0.847513	0.936643	0.778416	0.647609	0.664316
0.67274	0.761731	1.123986	1.072075	0.872533	0.767734	0.711506	0.612286	0.633817	0.676917
0.901979	0.898238	0.878889	1.000133	0.728338	0.748377	0.854208	0.973232	0.832605	0.842429
0.90069	0.791551	0.795578	0.7556	1.021285	0.870833	0.981612	1.394195	1.372297	1.02435
0.751836	1.032979	0.758322	0.743194	0.938549	0.888292	0.881551	0.894852	0.92027	0.982878
0.660729	0.869904	0.943946	1.012948	0.96776	0.789884	0.980134	0.864991	0.736734	0.935372
0.701858	0.953844	0.951022	0.981591	0.926608	0.71685	0.744528	0.74564	0.72906	0.727085
0.766699	0.855824	0.777028	0.974093	0.847828	0.72087	0.895896	0.845798	0.735875	0.79158
0.896848	0.848951	0.666273	0.777729	0.866794	0.72738	0.948827	0.769987	0.698075	0.824105
0.736582	0.791551	0.893637	0.848457	0.730832	0.938602	0.94337	0.662855	0.957243	0.906362
0.725269	0.923125	0.857665	0.846236	0.630738	0.74666	0.689044	0.799736	0.847889	0.923269
0.792995	0.770179	0.675252	0.807076	0.698697	0.740701	0.992102	1.002325	0.860288	0.691446
1.10981	0.620856	0.648141	0.937064	0.802271	0.758828	0.727704	0.631408	0.867202	0.739936
0.923132	0.747105	0.697752	0.71283	0.740102	0.894271	0.614965	0.622732	1.047473	0.887639
0.990404	0.953844	1.025549	0.813191	0.786823	0.82231	0.798335	0.827418	0.815771	0.914084
0.919087	0.956747	0.865796	0.867806	0.735021	0.747518	1.026824	0.943194	0.752502	0.863867
0.721846	0.673679	0.936984	0.91836	0.808209	0.971847	0.836891	0.753605	0.741927	0.82095
0.722699	0.90465	0.878889	0.813191	0.803255	0.729847	0.695892	0.888713	0.799566	0.776187
0.790992	1.088458	1.02895	0.761027	0.964891	0.688205	0.675665	0.808768	0.888633	0.881573
0.9355	0.812981	0.751059	0.80405	0.917542	0.813224	0.853105	0.787012	0.799566	1.142931
0.729585	0.741746	0.780868	0.841828	0.860005	0.881224	0.888664	0.870801	0.699652	0.89379
0.704307	0.757107	0.943946	0.806065	0.973553	0.963294	0.813148	0.960104	0.741927	0.99366
0.945368	0.928551	0.729973	0.87014	1.019661	0.664869	0.702849	0.9151	0.698075	0.770553
0.939702	0.866341	0.689861	0.654952	0.713665	0.74666	0.708338	0.691307	0.725693	0.847969
0.709246	0.784636	0.718965	0.603888	0.886626	0.902783	0.793508	0.665035	0.715743	0.805511
0.691404	0.973073	0.806691	0.776784	1.042976	0.748377	0.830571	0.695975	0.675832	0.890089
0.849761	0.899513	0.889903	1.203823	0.75132	0.714455	0.989079	0.837051	0.688732	1.003119
1.066257	0.681337	0.68908	0.923622	0.833864	0.877733	0.803217	0.83597	0.811663	0.802488
0.920431	0.7866	0.599792	0.699197	0.824453	0.935943	0.757589	0.634113	0.884987	0.717072
0.909791	0.830049	0.7066	0.839641	1.084225	0.878894	0.725235	0.681362	0.719035	0.823051
0.911107	0.791551	0.914114	1.085316	0.711267	0.803346	0.967052	0.791861	0.91635	0.86156
0.94823	0.744417	0.943946	1.027833	0.753072	0.717651	0.889861	0.81903	0.87305	0.689119
0.856681	0.730354	0.712327	0.894199	0.710471	0.81926	0.717913	0.828478	0.787797	0.634669
1.00162	0.831139	0.646016	1.127647	1.195072	0.963294	0.702849	0.690534	0.663303	0.835873
1.095473	0.999575	0.658929	0.780576	0.759259	0.860685	0.6325	0.64095	0.768864	0.766837
0.675795	0.78268	1.11349	0.658532	0.577812	0.968977	0.768328	0.70948	0.779175	0.778082
0.707593	0.6752	0.943946	0.785363	0.782105	0.881224	1.017075	1.063441	0.736734	0.605001

0.878128	0.765465	0.923386	0.989221	1.002181	0.877733	0.683792	0.852475	0.739323	0.652071
1.071945	0.985343	0.768511	1.046747	0.899958	0.874269	0.726056	1.128194	1.049236	0.943632
0.789993	0.855824	0.853086	0.744944	0.721755	1.105667	0.850908	0.93498	0.818878	0.662858
0.665194	0.866341	0.924727	0.655665	0.854428	0.920323	1.043573	0.754499	0.649716	0.766837
0.816724	0.808817	0.780868	0.764683	0.97795	0.823332	0.700517	0.6761	0.685662	0.786711
0.923132	0.787586	0.835239	0.83422	0.87718	0.776826	0.701293	0.746518	0.646909	0.954895
0.859012	0.953844	0.791607	0.908023	0.949446	0.828475	0.817185	0.898577	0.611976	0.748719
1.031866	1.278419	0.896144	0.866644	0.87835	0.895477	0.869948	0.883864	0.644815	0.87204
0.854362	1.056155	0.964056	0.990763	0.950828	0.894271	1.145067	0.827418	0.791684	1.046672
0.700233	0.970058	1.017161	0.934342	1.014824	0.758828	0.69897	0.742146	0.833679	0.896276
1.014804	0.888172	0.713977	0.695268	0.999077	0.834729	1.126073	1.033507	1.118	1.072068
1.051444	0.85698	0.686744	0.855188	1.067615	1.177975	1.195325	1.068944	1.008782	1.134222
0.936896	0.826798	0.80465	1.014577	0.938549	1.173372	1.280692	0.752713	0.763341	1.361158
0.88552	1.001186	0.896144	1.004894	0.973553	0.768635	1.048726	0.796766	0.823056	0.921945
0.831829	0.825719	0.673743	0.807076	0.917542	0.779591	1.092316	0.930931	0.939048	0.826221
0.868465	0.6359	0.655303	1.055624	0.989897	0.757069	1.035118	0.730135	0.660407	0.705674
0.830732	0.834423	0.962588	0.890504	0.81322	0.869694	0.730186	0.787977	0.724019	0.769621
1.14901	1.246051	1.083444	1.123433	0.804242	0.933301	0.711506	0.909949	0.712477	0.798489
1.457951	1.084531	0.785716	1.057422	0.843483	1.022158	0.958546	0.899826	0.911177	0.688347
0.956929	0.828963	0.751059	0.953763	0.714468	1.077232	0.969926	0.980701	0.921585	0.742552
0.796017	0.810894	0.982067	0.781529	0.761938	0.943969	0.70441	0.673864	0.822008	0.772423
0.798044	0.991611	0.855369	0.623334	0.710471	1.103712	0.869948	0.755395	0.816804	0.953471
1.035361	0.767345	0.728261	0.730283	0.81322	1.042001	1.043573	1.068944	0.883779	0.72456
0.857845	0.697069	0.930132	0.95661	0.815241	1.403418	1.222818	0.93498	0.780124	0.652071
0.735701	0.863982	1.195418	1.332038	0.885434	0.935943	0.837953	0.883864	0.779175	0.686036
0.845208	0.968559	0.961126	0.934342	1.113404	0.846433	0.708338	0.885071	0.970302	0.978338
0.95401	0.962613	0.875279	0.815249	0.925301	0.836834	0.733518	0.769061	0.671369	0.966458
0.764813	0.790556	0.711504	0.776784	0.844565	0.977644	0.993621	1.204322	0.827274	0.742552
0.674265	0.858139	0.856516	0.775841	0.752195	0.873121	0.889861	1.013554	0.831533	0.772423
0.735701	0.79959	0.955323	1.034616	1.026196	0.799457	0.740261	0.828478	0.897262	0.801485
0.817786	0.928551	0.718129	0.769298	0.970647	0.84321	0.741963	0.753605	0.86258	0.9313
0.869661	0.814028	0.76385	0.710393	0.88902	0.820274	0.892265	0.823204	0.732454	1.119389
0.68275	0.866341	1.066366	0.848457	0.902427	0.773166	0.82126	0.716803	0.674339	0.845744
0.719297	0.909849	0.848555	0.798062	0.860005	0.748377	0.748838	0.886282	0.747182	0.929951
1.248457	0.979165	0.747473	1.011325	0.87835	0.725743	0.807162	0.881459	0.855738	0.936737
0.870861	0.835524	0.736018	0.91187	0.853321	0.938602	0.948827	0.706264	0.78203	0.952052
0.802126	1.026089	0.809772	0.874847	1.171442	1.121629	1.009116	0.673864	0.675085	0.850204
0.762935	0.917766	1.05716	1.142726	0.841327	0.81926	1.036795	0.705464	0.668418	0.995222
0.893039	0.6752	0.806691	1.070216	0.7793	0.824355	0.942016	0.839222	0.760606	0.737335
1.008162	0.720944	0.619953	0.892964	0.799332	0.905246	0.827445	0.875506	0.961553	0.898776
0.917746	0.898238	0.644604	0.95804	1.027845	1.007849	0.879205	0.773713	0.91635	0.950637
0.841824	0.860467	0.689861	0.825686	0.862256	0.759711	0.951582	0.72929	0.934955	1.211905
1	0.645042	0.936984	1.064687	0.648996	0.84321	1.013874	0.756293	0.92027	0.830484
1.091462	0.801624	0.834147	0.844026	0.781168	0.911465	0.825373	0.924264	1.084169	0.700879
0.904567	0.736451	0.812875	1.426312	0.903667	0.895477	0.746247	0.715983	0.842369	0.854711
0.991989	0.767345	0.75016	0.923622	0.908661	0.961885	0.867664	0.638202	0.936315	0.87678
0.802126	0.927188	1.02895	0.839641	0.729999	1.146731	1.167193	0.977698	0.994533	0.919309

0.699423	0.660963	0.758322	0.744944	0.666614	0.864042	0.716303	0.921626	1.093848	0.702472
0.675795	0.747105	0.819148	0.814219	0.874851	0.997036	0.706763	0.812844	0.811663	0.736472
0.962826	0.69547	0.996083	0.905476	0.870228	0.817239	0.725235	0.754499	0.784904	0.847969
0.844077	0.77783	0.877682	0.666512	0.815241	0.89187	0.557795	0.670901	0.913756	1.097059
0.767645	0.768288	0.693788	0.70396	0.892635	0.993996	0.734356	0.612286	0.717386	0.696924
0.741905	0.616842	0.83743	1.026154	1.036186	0.774992	0.826408	0.985245	0.753395	0.672428
0.867272	0.773988	0.884973	0.908023	0.838113	0.791781	0.824341	0.869633	0.701235	0.86156
0.991989	1.129819	0.724858	0.659251	0.721755	1.025403	0.964198	0.880262	0.816804	0.746065
0.806247	0.955293	0.735149	0.703163	0.759259	0.754443	0.978661	0.787977	0.777281	0.704871
0.715921	0.862807	0.882529	0.948125	0.839181	0.66416	0.826408	0.845798	0.611976	0.770553
0.848618	1.16131	0.942545	1.149353	1.080479	0.59789	0.68156	0.730135	0.728216	0.854711
0.917746	0.961139	0.850815	0.776784	1.099543	0.809246	0.939321	1.016817	0.929558	0.981359
0.928585	0.826798	0.700147	0.732835	0.815241	0.880057	0.899558	0.815926	0.782985	0.715425
0.747294	0.807782	0.695369	0.766523	0.840253	0.698056	0.924791	0.695975	0.685662	0.760409
0.802126	1.009329	0.769449	0.945333	0.954999	0.773166	0.850908	0.809784	0.822008	0.846855
0.75275	0.808817	0.760157	0.924948	0.989897	0.784239	0.790637	1.172721	0.939048	0.911494
0.788004	0.900792	0.708229	0.765602	0.930552	0.80727	0.796398	0.945967	0.962999	1.011162
0.801102	0.761731	0.767574	0.798062	0.694076	0.85186	1.174057	0.754499	0.765174	1.142931
0.73307	1.004425	1.06266	0.981591	0.866794	0.744096	0.993621	0.743017	0.67733	0.731327
0.842949	1.002802	0.831973	0.742321	0.957803	0.795602	0.903251	0.771846	0.829398	0.828347
0.998386	0.687561	0.7066	1.111031	0.999077	0.857355	1.10986	0.891158	0.861432	0.87204
1.081594	0.783657	0.746581	0.890504	0.848921	0.883567	1.017075	0.70948	0.864885	1.095085
0.888012	0.789564	0.764778	0.895438	0.703369	1.007849	0.894682	0.776529	0.870702	0.870863
0.810408	0.785617	0.693788	0.792154	0.823419	0.85625	0.892265	0.758094	0.951563	0.733035
0.759204	0.621529	0.67299	1.072075	0.811209	0.815227	0.810145	0.736958	0.802559	0.82095
0.827459	0.653654	0.778944	0.930291	0.866794	0.729023	0.643915	0.626715	0.716564	0.779984
0.811454	0.730354	0.974471	0.778675	0.731667	1.113575	0.845463	0.723418	0.764257	0.827283
1.00162	0.991611	0.858817	0.792154	0.651767	0.910214	0.849813	0.725925	0.813712	0.637407
1.003246	0.808817	0.849683	0.83422	0.834922	0.871976	0.932656	0.860398	0.698075	0.743428
0.805213	0.701902	0.807716	0.902945	1.003742	0.703454	0.635826	0.627382	0.651126	0.808555
0.733945	0.725196	0.812875	0.760118	0.909919	0.72738	0.613694	0.660686	0.761516	0.842429
1.087488	0.948094	0.810804	0.676137	0.898729	0.804324	0.755825	0.879068	0.710853	0.654922
0.987252	0.811936	0.863457	0.689826	0.770075	1.267611	0.998212	0.85812	0.735017	0.70407
0.705947	0.805719	0.965529	1.117187	0.783045	0.876575	0.845463	0.821112	1.002391	0.771487
0.755504	0.832231	0.790619	0.842926	0.908661	0.781445	0.599338	0.744764	1.0747	0.855845
0.880578	0.841068	0.878889	0.655665	0.759259	0.766835	0.6325	0.644409	0.724019	0.906362
0.747294	0.712562	0.792596	0.645083	0.778368	0.945322	0.926092	0.742146	0.641348	0.832632
0.671979	0.666154	0.730831	0.859734	0.824453	0.792733	0.748838	0.823204	0.797582	0.891319
0.730454	0.805719	0.715633	0.909301	0.991413	0.596675	0.62332	0.973232	0.673594	0.643631
0.733945	0.907242	0.613346	0.906748	0.809207	0.675652	0.746247	0.904858	0.871874	0.73218
0.744591	0.841068	0.781834	0.694486	0.817271	0.841074	1.040171	0.916397	0.812686	1.070204
0.678101	1.004425	0.839632	0.74058	0.895063	0.973289	0.948827	0.782215	0.72069	0.7382
0.727853	0.883225	0.778944	0.937064	0.865655	0.89187	0.736877	0.797754	0.755186	0.733891
0.845208	0.958206	0.669992	0.904209	0.829656	0.693481	0.795432	0.831673	0.996093	0.788652
0.87327	0.806749	0.661119	0.725224	0.843483	0.773166	0.823312	0.695193	0.747182	0.85358
0.782089	0.999575	0.693	0.686746	1.013223	1.000098	0.826408	0.70948	0.850117	0.81886
0.732196	0.860467	0.718965	0.731132	0.714468	0.700361	0.721966	0.76263	0.740189	0.807538

0.831829	0.674439	0.709045	0.935701	0.663033	0.774992	0.813148	0.863838	0.743672	0.746948
0.941112	0.717571	0.794582	0.753806	0.861129	0.860685	0.913254	0.994478	0.863731	0.785743
0.95401	0.73122	0.623294	0.794115	0.945328	0.964708	0.820238	0.699115	0.802559	0.849085
0.923132	0.828963	0.758322	0.859734	0.81829	0.712867	0.683047	0.622732	0.709235	0.990552
0.859012	0.974588	0.869328	0.91836	0.651767	0.785175	1.004409	0.852475	0.756085	0.979846
0.798044	0.800606	0.771331	0.835299	0.7793	0.928063	0.819218	0.747397	0.870702	0.722885
0.783069	0.743525	0.640397	0.83638	0.810207	0.963294	0.837953	0.6761	0.823056	0.790601
0.769543	0.765465	0.75016	0.815249	0.636069	0.762369	0.763821	0.651411	0.756085	0.808555
0.786023	0.94242	0.864625	0.652818	0.611947	0.739013	0.757589	0.6761	0.700442	0.797496
0.846342	0.742634	0.777028	0.70396	0.691022	0.743245	0.803217	0.661408	0.684898	0.64224
0.974867	0.629683	0.749263	0.886841	0.964891	1.055753	0.811144	0.996036	0.81474	0.696137
0.987252	0.686778	0.6439	0.87014	0.715271	0.873121	0.72034	0.679099	0.889856	0.849085
0.700233	0.816131	0.695369	0.641612	0.655958	0.71605	0.784951	0.794798	0.945956	0.817818
0.670462	0.652929	0.716464	0.684451	0.624819	0.922888	0.899558	0.759903	0.669891	0.546092
0.73307	0.689919	0.612691	0.667245	0.874851	0.682252	0.638506	0.755395	0.61848	0.739936
0.800081	0.72349	0.812875	0.965264	0.862256	0.699591	0.67202	0.82007	0.802559	1.026027
0.92585	0.745311	0.637615	0.679142	0.730832	0.917774	0.70441	0.720098	0.941798	0.796504
0.819917	0.859301	0.669992	0.605794	0.628098	0.81123	0.917066	0.749162	0.631785	0.589354
0.758276	0.727767	0.770389	0.766523	0.729168	0.659226	0.8182	0.823204	0.640658	0.664316
0.840702	0.717571	0.840738	0.990763	0.770075	0.67711	0.661266	0.70948	0.633139	0.730475
0.807284	0.817186	0.787671	0.625994	0.7073	0.83578	0.660559	0.787012	0.743672	0.711336
0.756426	0.953844	0.855369	0.789231	0.780233	0.83789	0.661975	0.725088	0.797582	0.760409
0.760134	0.826798	0.833059	0.872487	0.960624	0.725743	0.978661	0.792838	0.629763	0.72793
0.909791	0.967065	1.008932	0.83638	0.988385	0.858462	0.70207	0.907396	0.644815	0.628571
0.886764	0.821431	0.839632	0.91316	1.292686	1.068153	0.8182	1.109555	1.080356	0.854711
0.767645	0.762661	0.710683	0.770226	1.103459	1.000098	0.765618	0.88266	0.896019	0.921945
0.743694	0.869904	0.769449	0.744944	0.959211	0.828475	1.017075	0.902335	0.684135	0.759499
0.710075	0.779763	0.762924	0.618718	0.759259	0.768635	0.765618	0.673122	0.725693	0.733035
0.889263	0.743525	0.826583	0.698409	0.943964	0.685963	0.72853	0.715165	0.693379	0.877973
0.934108	0.744417	0.817047	0.826744	1.065808	0.815227	0.819218	0.871972	0.706017	0.881573
0.798044	0.831139	0.817047	0.779625	0.719312	0.941278	0.961363	0.675354	0.758792	0.911494
0.720145	1.08258	1.060819	0.821481	0.700249	0.780517	0.910732	0.656381	0.717386	0.830484
0.917746	0.768288	0.724858	0.785363	0.902427	0.743245	1.033446	0.590889	0.714925	0.697712
1.202287	0.740859	0.654582	0.87841	0.957803	0.736494	0.927397	0.991379	0.826216	0.610129
0.878128	0.656563	0.877682	0.841828	0.612582	0.789884	0.664108	0.615523	0.716564	0.782854
1.031866	0.755272	0.803632	0.770226	0.672407	0.796563	0.589623	0.580573	0.715743	0.87917
0.836243	0.741746	0.661119	0.822529	0.687235	0.884744	0.827445	0.827418	0.723184	0.631271
0.838467	0.62763	0.80465	1.03291	0.684228	0.797525	0.910732	0.688223	0.642039	0.579027
0.856681	0.85698	0.892389	0.851809	0.949446	0.777746	0.578362	0.573436	0.641348	0.774301
1.006517	0.941013	0.792596	0.744944	0.704937	0.634701	0.588424	0.568743	0.594269	0.801485
0.828548	0.713393	0.769449	0.721884	0.607531	0.722488	0.717107	0.712719	0.701235	0.700085
0.740123	0.888172	1.034101	0.890504	0.701027	0.785175	0.784951	0.614225	0.777281	0.78768
0.742798	0.826798	0.855369	0.775841	0.796413	0.702678	0.565678	0.509894	0.947351	0.87678
0.738349	0.803667	0.977494	0.85632	0.815241	0.666291	0.599952	0.769061	0.794623	0.755875
0.812503	0.830049	0.830889	0.828867	0.770075	1.001637	0.932656	0.89609	0.694938	0.76499
0.67122	0.707609	0.80465	0.848457	0.85665	0.847513	0.703629	0.83597	0.874229	0.773361
0.895574	0.844429	0.787671	0.85632	1.01643	0.683733	0.544065	0.846904	0.795607	0.78768

0.888012	0.90465	0.7066	0.670189	0.966323	0.674199	0.603657	0.752713	0.830465	0.846855
0.9355	0.766404	0.68288	0.66505	0.898729	0.796563	0.749706	0.809784	0.820962	1.07394
0.746391	0.952399	0.802617	0.765602	1.144686	0.974736	0.850908	0.754499	0.819919	0.921945
0.942526	1.02952	0.906322	1.059226	0.939896	0.707351	0.759361	0.960104	0.733307	1.006319
1.071945	1.192749	0.807716	0.95804	0.950828	0.747518	0.800281	1.038642	1.028538	0.882779
0.860183	0.902074	0.67299	0.847345	0.933201	0.860685	0.951582	0.902335	0.813712	1.041418
0.826374	0.968559	0.693	0.743194	0.989897	1.031966	0.972818	0.749162	0.673594	0.826221
0.895574	0.836627	0.983602	0.91316	0.761043	0.747518	0.711506	0.701485	0.627082	0.99366
0.899406	0.717571	0.795578	0.820436	0.757482	0.883567	0.777484	0.95016	0.851236	0.887639
0.766699	0.686778	0.611384	0.854059	0.700249	1.059259	0.93531	0.731831	1.109799	1.081511
1.128968	0.875908	0.678287	0.932987	0.833864	0.749239	0.869948	0.812844	0.983765	0.883989
1.038884	0.917766	0.786693	1.066522	0.817271	0.626825	0.947456	0.913806	1.016905	1.255241
0.988825	0.672921	0.811838	1.031211	0.783045	0.95908	1.086622	0.823204	0.930901	1.211905
0.847479	0.758028	0.876479	0.83422	0.80523	0.916505	0.837953	0.843595	0.983765	0.743428
0.830732	0.833326	0.743032	0.909301	0.973553	0.93462	0.785894	0.715165	0.888633	0.808555
0.956929	1.173134	0.794582	0.885626	1.04469	0.775908	0.837953	0.636835	1.002391	1.123576
0.891776	0.909849	0.962588	0.784401	0.748705	0.815227	0.947456	0.654955	0.711664	0.898776
0.938296	0.650045	0.889903	0.902945	0.931874	0.946678	0.93531	0.885071	0.724855	0.497698
0.863713	0.66318	0.822319	0.761938	0.983882	1.075401	0.738565	0.925589	0.784904	0.499194
1.042435	0.877119	0.862292	0.91316	0.75395	0.925468	0.784011	0.666494	0.866042	0.825162
0.847479	1.017628	0.951022	0.698409	0.852216	1.30938	0.817185	0.813869	0.908614	1.105047
0.678872	0.784636	0.810804	0.685215	0.808209	1.064574	1.19291	0.941814	0.793641	0.785743
0.788004	0.724342	0.794582	0.84513	0.861129	0.852953	1.050458	1.093633	0.908614	0.747832
0.807284	0.985343	1.105272	0.833144	0.835983	0.702678	0.796398	0.897332	0.78203	0.910206
1.062506	1.002802	0.863457	0.841828	0.863386	0.901557	0.733518	0.843595	0.911177	0.79256
0.738349	0.848951	0.749263	0.807076	0.953605	0.831591	0.749706	0.757192	0.780124	0.740806
0.651209	0.666154	0.83743	0.854059	0.926608	0.605254	0.883909	0.899826	0.656814	0.744305
0.758276	0.836627	1.109362	0.854059	0.831755	0.712867	0.693597	0.846904	0.764257	0.81886
0.962826	1.05799	0.97598	0.716101	0.935867	0.796563	0.712302	0.944578	0.901013	1.017706
0.863713	0.833326	0.692213	0.833144	1.115421	0.989475	0.873396	0.70948	0.750722	0.749607
0.831829	1.032979	0.93423	0.91187	0.880698	1.036955	1.013874	0.699903	0.675085	0.831557
0.723554	1.521854	1.226563	0.998557	0.741809	0.761481	0.917066	0.802726	0.994533	1.0665
0.754584	0.863982	0.793588	0.824631	1.064008	0.915239	0.957144	1.003911	0.922904	0.856982
0.938296	0.841068	0.591608	0.784401	0.930552	0.847513	0.802236	0.922943	0.853481	0.902552
0.796017	0.816131	0.738635	0.705559	0.608159	0.649523	0.834774	0.609072	0.623753	0.998364
0.875692	1.034718	0.758322	0.727746	0.518199	0.76415	0.717107	0.604613	0.687195	0.819904
1.003246	1.114891	0.786693	0.966723	0.736708	0.745803	0.897113	0.734387	0.930901	0.830484
1.139988	0.835524	0.791607	1.041506	1.046412	0.825382	1.02847	0.834892	0.71821	0.72793
0.857845	0.698674	0.891144	0.794115	0.658774	0.823332	0.906975	0.639574	0.783943	1.147351
0.905867	0.794548	0.874082	1.001714	0.731667	0.769537	0.848721	0.701485	0.713291	0.81886
0.899406	0.884456	0.786693	0.825686	0.660189	0.672028	0.866527	0.864991	0.830465	0.73561
0.831829	0.719254	0.880099	0.980081	0.927918	0.806286	0.867664	0.712719	0.878978	0.805511
0.774326	0.753444	0.812875	0.978577	1.173748	0.968977	0.78027	0.690534	0.803561	0.881573
0.996778	0.883225	0.821259	0.665781	0.839181	0.859572	0.787785	0.644409	0.755186	0.70971
1.058787	0.828963	0.764778	0.646479	0.614491	0.823332	0.854208	0.767214	0.831533	0.633306
0.709246	0.596039	0.821259	0.87841	0.783986	0.805304	0.826408	0.822156	0.782985	0.656354
0.77145	0.721791	0.8862	1.027833	0.937206	0.897899	0.876872	0.650706	0.970302	0.870863

0.911107	1.106585	0.955323	0.88928	0.992935	0.841074	0.724416	0.678348	0.803561	0.851327
1.151295	0.921779	0.841846	0.801046	0.82861	0.84001	0.806173	0.773713	0.799566	0.698502
0.816724	0.82357	0.958215	0.808089	0.768254	1.059259	0.70207	0.841403	0.708428	0.634669
0.741905	0.763594	0.922049	1.232505	0.963464	0.821291	0.594453	0.773713	0.880173	0.72456
0.860183	0.780734	0.695369	0.95804	0.953605	0.820274	0.701293	0.810801	1.023514	0.985931
0.679645	0.776866	0.742149	0.701572	0.899958	0.915239	0.760249	0.778416	0.765174	0.72205
0.599377	0.788574	0.840738	0.705559	0.914986	0.868558	0.859764	0.961543	0.710853	0.685269
0.815665	0.948094	0.839632	0.926277	0.73418	0.627476	0.816172	0.925589	0.681855	0.621894
0.908479	0.831139	0.76664	0.939803	0.834922	0.817239	0.980134	0.97028	0.780124	0.652071
0.929959	0.905944	0.776074	0.7556	1.093735	1.057503	0.922201	0.814896	0.818878	0.786711
0.807284	0.971563	1.071984	0.866644	1.157858	0.954907	1.02847	0.695193	0.739323	0.854711
0.704307	0.839954	0.856516	0.809105	0.791592	0.71366	0.828484	0.812844	0.735875	0.743428
0.857845	0.693082	0.782801	0.965264	0.761938	0.680777	0.70755	0.790887	0.670629	0.850204
0.921779	0.771128	0.877682	0.931637	0.814229	0.80727	0.786838	0.750934	0.812686	0.827283
0.95111	0.973073	0.874082	1.044993	0.819311	0.761481	0.915792	0.673864	0.755186	0.808555
0.939702	1.004425	0.918064	0.934342	0.738402	0.667004	0.696659	0.632083	0.741057	1.004716
1.040656	0.798577	0.841846	0.761027	0.681242	0.812226	0.839018	0.635472	0.756985	1.079606
1.073858	0.815078	0.708229	0.737121	0.72094	1.007849	0.906975	0.902335	0.864885	0.917996
0.9355	0.726909	0.689861	0.871312	0.716883	0.875421	0.683047	0.769061	0.818878	0.70327
1.008162	0.709254	0.608781	0.768371	0.778368	0.768635	0.819218	0.730135	0.816804	0.745184
0.817786	0.939611	0.801605	0.636799	0.768254	0.834729	0.889861	0.928252	0.888633	1.006319
0.710905	0.699479	0.796577	0.683688	0.834922	0.883567	0.701293	0.867305	0.989886	0.746065
0.845208	0.726909	0.942545	0.863175	1.042976	1.003182	0.662685	0.750047	0.845673	0.71215
0.919087	0.878334	0.928774	0.905476	0.729999	0.97041	0.745387	0.632083	0.869532	0.976835
0.720995	0.974588	0.833059	0.768371	0.678277	0.85625	0.836891	0.692082	0.850117	0.790601
0.731324	0.684438	0.787671	0.841828	0.88306	0.770442	0.652851	0.843595	0.834756	0.694568
0.898125	0.907242	1.042826	0.871312	0.943964	0.841074	0.743672	0.839222	0.878978	0.705674
0.911107	1.138586	1.06266	0.752019	0.709676	0.815227	0.794469	0.804731	0.932248	0.793543
0.891776	1.004425	0.729116	0.886841	0.892635	1.094069	0.967052	0.860398	0.841273	0.833709
0.723554	0.797566	0.675252	0.939803	1.111397	0.89187	0.954354	1.070795	0.710043	0.796504
0.875692	0.793547	0.924727	1.064687	1.01643	0.953524	0.836891	0.837051	0.852357	1.20424
1.107733	0.976108	0.775121	0.733688	1.002181	1.099829	0.832667	0.967348	0.887415	1.026027
1.481804	1.119104	0.690643	0.662141	0.96776	1.042001	0.926092	0.897332	0.896019	0.841329
0.85552	0.958206	0.86697	0.949528	0.956399	0.686709	0.819218	0.74564	0.753395	1.014422
0.812503	1.297147	1.099209	0.895438	0.991413	0.598499	0.730186	0.797754	0.901013	1.03451
0.88552	0.941013	0.674497	0.860878	1.119483	0.86292	0.993621	1.070795	0.928219	0.929951
1.008162	0.860467	0.709045	0.966723	1.176067	0.993996	1.225406	0.85812	0.816804	0.964996
0.891776	0.900792	0.986689	1.098973	0.770075	1.157633	1.088512	0.787012	0.851236	1.287759
0.943945	1.056155	1.000857	1.136199	0.827567	0.868558	0.88628	0.85812	1.035328	1.117311
0.956929	0.780734	0.747473	1.563899	1.067615	0.698823	0.940666	1.078275	1.063603	0.978338
0.981016	0.524237	0.936984	1.312161	1.225236	0.922888	0.840085	0.770916	0.803561	0.87322
1.062506	0.848951	0.98824	0.891732	0.88902	1.036955	0.803217	0.733533	0.958675	1.093119
1.118221	1.549469	0.989797	0.71283	0.746971	0.870833	0.922201	0.940439	1.040491	0.835873
0.974867	1.351436	0.864625	0.932987	0.739251	0.967549	1.155989	1.050864	1.228127	0.745184
0.867272	0.974588	1.2871	1.224493	0.899958	0.916505	1.079144	0.807755	1.134881	0.966458
0.946797	1.010977	1.51854	1.389972	1.6225	1.369758	0.747109	0.730982	1.282009	1.070204
1.050019	1.326846	1.248641	0.989221	1.18074	1.331874	0.965623	1.076393	1.134881	0.905088

1.08355	0.812981	0.994503	1.115125	0.960624	1.705694	0.940666	1.152117	0.974743	0.868518
0.657777	0.705154	1.068231	1.260333	1.151222	1.285022	1.181031	0.902335	1.015268	1.03451
1.126797	1.190248	1.083444	1.221855	1.314509	1.025403	0.903251	0.991379	1.472153	2.564552
1.081594	1.369895	0.920717	0.722717	0.826526	1.187332	1.538756	1.217116	1.03192	1.129932
1.120349	0.997971	1.14801	0.846236	1.013223	2.284667	2.29301	1.581678	1.065433	0.976835
1.03013	1.243225	1.758688	1.043246	1.125648	1.64739	0.940666	1.025082	1.037042	0.831557
1.539404	1.168366	1.13912	2.9455	1.113404	0.925468	0.844382	1.123982	1.252819	0.949227
1.389389	1.240417	0.817047	1.123433	1.220061	1.123667	1.107875	1.204322	1.192308	1.635817
1.103608	1.872968	0.992929	0.97113	1.376244	1.219211	1.03848	1.587732	0.967366	1.117311
1.351455	1.548354	1.66068	1.748396	1.414756	1.457164	0.913254	1.541511	1.411154	1.383534
1.605828	1.490879	1.885463	1.333276	1.207387	0.973289	1.25217	2.134245	1.419361	1.506589
0.949668	1.170743	1.017161	1.251796	1.171442	1.388135	1.426443	0.983725	1.010394	2.171752
0.939702	1.527239	0.926072	1.119259	1.534571	1.555529	1.483658	1.179812	0.924226	0.940861
1.486736	1.288847	1.251482	1.48968	1.330796	0.885923	1.096154	1.135831	1.120075	1.454016
1.326213	1.041747	1.828085	1.374382	1.6225	0.993996	1.151587	1.225704	1.496196	1.656842
1.496771	1.275375	1.183072	1.417969	1.396176	1.729475	2.162946	1.299822	1.43197	1.23842
2.366083	1.386073	1.070103	1.229818	1.836451	2.059048	2.236233	1.290498	0.858007	1.083989
1.507043	2.311941	1.307945	2.39355	0.959211	0.878894	1.344795	1.312574	0.929558	1.968926
1.343236	0.973073	1.008932	1.72265	1.014824	1.377016	1.328684	1.730847	1.861937	1.391257
1.409676	1.405236	1.111421	1.011878	1.057268	1.235437	2.162946	1.076393	2.755043	1.083002
2.550519	1.407456	2.276104	1.099713	1.093858	1.911314	2.263695	1.033507	1.089951	1.086476
1.580483	1.361664	1.338768	1.499537	1.088004	1.377016	1.295771	1.214526	1.521648	1.088213
1.126797	1.108646	1.315871	1.327319	1.508816	2.077012	1.340978	1.431313	1.798018	1.053778
1.119798	1.112799	1.817466	1.321595	1.324457	1.40917	1.30494	2.81309	1.936915	1.230335
1.135645	1.127722	1.599411	1.227148	1.183096	1.493882	2.120166	1.406068	3.515609	1.273188
1.708386	1.182613	1.155167	0.990763	1.131902	1.12777	1.317039	1.272524	1.261395	2.248683
1.22958	1.377504	1.072965	0.899366	0.945065	1.863907	1.228009	1.250267	1.199739	0.925929
1.08595	1.951765	0.80797	0.85556	0.922216	1.086537	1.730286	1.739406	1.062834	0.994382
1.088096	0.542975	0.811753	1.378504	1.28366	1.004376	1.266329	1.46622	1.380325	1.221579
1.226117	0.815535	0.813644	2.006365	2.681123	1.446122	1.356226	1.311278	1.449372	2.086658
1.326745	1.272352	1.043944	1.294833	1.608584	1.746557	1.812265	1.169358	1.122805	1.438757
1.381748	1.897679	1.119054	1.470612	1.749958	1.222698	1.027438	1.076253	0.538126	1.106905
1.40925	1.106206	1.083444	1.131902	0.836812	0.832177	1.125068	3.090208	1.091005	1.09838
1.128968	1.117587	1.094825	0.541722	0.827543	1.661249	1.548009	1.784933	1.105756	3.757212
2.296782	1.578961	1.244924	0.818273	0.822908	1.214151	1.434769	1.748138	0.999231	1.800164
0.942254	1.561027	1.372261	1.847256	0.820591	0.95928	1.314394	1.241406	1.204912	1.186665
0.968373	0.979085	0.989797	1.413857	1.095651	0.974377	0.981926	2.721124	1.168418	1.109097
1.215364	0.984441	0.987119	1.201828	1.609695	0.989475	1.086052	2.430156	2.081192	1.138757
1.216457	1.217277	1.483129	1.469024	3.182719	1.182628	1.185744	1.248482	1.282393	1.383089
1.218097	1.237627	1.454918	1.858502	1.325826	1.248482	1.31122	1.164653	1.49128	1.316303
2.496567	0.609049	0.456786	0.834599	1.489259	1.279851	1.143562	1.038642	0.944566	1.415284
0	0.304524	0.380655	0.645693	1.212412	1.366174	1.05611	1.011628	2.404859	1.046847
0	1.74851	1.319189	0.513174	0.859635	1.073577	0.984615	1.042603	1.149127	1.202389
0	2.641616	2.219623	1.112049	0.966606	0.913121	1.029096	1.575707	1.255651	1.501538
0	0	0.904909	1.417969	1.427009	1.269896	3.083466	0.929589	0.882574	1.186602
0.934979	0.46749	1.16935	1.342328	1.379945	1.159847	1.865528	1.296692	1.022295	1.458541
1.472105	0.996372	1.65343	1.653471	1.226733	1.073577	1.186035	1.115002	1.205847	1.656842

[illegible]

170	171	172	173	174	175	176	177	178	179
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.468079	1.44949	1.570418	2.233673	1.676607	2.321659	0	0	0	0
2.033095	1.112848	1.118038	0.973435	1.3582	2.356421	1.498974	0.464619	0.696929	1.689065
0.931512	1.339712	0.85046	0.967527	0.95402	1.15611	1.403168	0.929239	0.942418	1.19586
0.752476	1.278424	1.20214	0.940512	0.66752	0.529806	0.865226	0.677318	1.109867	1.152863
0.892761	1.198922	1.582291	0.721174	0.441336	0.256338	0.663819	1.109447	0.779358	0.936543
0.85153	1.13606	1.170702	1.022171	1.027829	0.958481	1.276269	1.517852	1.057441	0.923006
1.16575	0.948813	0.925828	1.393398	1.139742	0.876894	1.068815	0.998697	0.821867	0.921675
1.011386	0.961677	0.902568	0.8886	0.894184	0.97772	0.836536	0.704939	0.759569	0.92837
1.219971	1.025646	0.942057	0.727881	0.860512	0.9264	0.960336	1.304561	0.962526	0.817084
0.78594	0.744707	0.828695	0.840043	0.830342	1.029062	0.746585	1.01171	0.795065	0.74507
0.57801	0.605771	0.957486	0.897248	0.758842	1.123848	0.724583	0.633706	0.686797	0.768706
0.652258	0.763598	0.864062	0.63064	0.736535	0.832458	0.861681	0.789202	0.955237	0.787806
0.798687	0.750913	0.779571	0.543986	0.699059	0.640418	0.819122	0.715663	0.680608	0.770579
0.707475	0.621391	0.720296	0.677672	0.691937	0.70482	0.818057	0.76142	0.617125	0.713508
0.752476	1.010775	0.898809	0.761234	0.788196	0.775686	0.566027	0.549711	0.645223	0.76406
0.778278	0.767291	0.858343	0.94746	0.863997	0.658175	0.694739	0.806354	0.868992	0.733717
1.011386	0.709225	0.594771	0.696121	0.739152	0.678966	0.676692	0.711507	1.122429	0.816041
0.668172	0.764518	0.631594	0.563793	0.729632	0.856963	0.777446	0.746821	0.762341	0.95912
0.605822	0.799022	0.653014	0.67542	0.79016	0.717101	0.743885	0.726658	0.705096	1.118281
0.658698	0.566088	0.653014	0.712118	0.634664	0.78239	0.821261	0.77942	0.741524	0.763137
0.825362	0.64663	0.68307	0.723677	0.733069	0.914464	0.857	0.77942	0.920524	0.706165
0.712341	0.866908	0.646686	0.790479	0.698262	0.729739	0.837648	0.901466	0.902232	0.839589
0.914294	0.695649	0.741479	0.881322	0.7063	0.918406	0.758482	0.773655	0.827216	1.059725

0.896484	0.988609	1.078558	0.770454	0.68803	0.902848	0.8985	0.851882	0.906087	0.944872
0.805709	0.815284	0.797965	0.7531	0.720316	0.728032	0.839881	0.930607	0.791085	0.6895
0.710713	0.680202	0.911466	0.810448	0.976548	0.846771	0.736766	0.681158	0.763269	0.831957
0.806722	0.74295	0.786257	0.891054	0.850221	0.758909	0.755707	0.83838	1.314267	1.16454
0.885409	0.840878	0.674056	0.740742	0.764371	0.856963	0.845512	0.856478	0.881009	0.760378
0.653681	0.812188	0.80394	0.744237	0.776597	0.704014	0.866414	1.00842	0.605341	0.589772
0.582221	0.659459	0.80394	0.966063	0.829264	0.682019	0.680552	0.921121	0.752261	0.718473
0.713158	0.745588	0.827635	0.694553	0.830342	0.802134	0.794244	0.835069	0.873759	0.855267
0.807737	0.83003	0.515193	0.642276	0.913357	0.766285	0.706102	0.859957	0.794067	0.601691
0.808754	0.735992	0.597256	0.62527	0.688809	0.77379	0.763146	0.60624	0.75773	0.756727
0.767032	0.703583	0.702474	0.724514	0.741785	0.729739	0.721164	0.719016	0.868992	0.736311
0.755169	0.873963	1.086172	0.828175	0.726221	0.650272	0.802379	0.724096	0.815533	0.960571
0.838249	0.641047	0.7363	0.639509	0.811334	0.776637	1.061297	0.869373	0.79307	0.847357
0.871068	0.682484	0.90763	0.766743	0.767162	1.010721	0.931762	0.785262	0.714128	0.876295
0.869894	0.626055	0.860622	0.877729	0.577991	0.693663	0.811718	0.736184	0.792076	0.788783
0.843733	0.72576	0.731182	0.733835	0.671246	0.646727	0.607236	0.747719	0.88591	0.640937
0.610958	0.643829	0.567174	0.692212	0.731347	0.927746	0.690751	0.69527	0.612504	0.513367
0.601377	0.520176	0.618315	0.704846	0.731347	0.935915	0.789236	0.628892	0.611848	0.608744
0.634173	0.637594	0.70646	0.600633	0.727923	0.717101	0.591795	0.675791	0.722505	0.936543
0.741871	0.745588	0.844915	0.62527	0.681852	0.770021	0.679777	0.703312	0.627875	0.863324
0.650132	0.552872	0.809997	0.678425	0.681086	0.902848	0.86286	0.851882	0.621125	0.601691
0.570297	0.560868	0.6516	0.685264	0.588997	0.571685	0.623247	0.768908	0.716624	0.569817
0.660142	0.702783	0.561974	0.636761	0.699059	0.596753	0.585519	0.718176	0.785182	0.542892
0.675604	0.740328	0.624241	0.628618	0.627839	0.576464	0.609864	0.685811	0.542328	0.599787
0.67113	0.501176	0.536327	0.501841	0.494238	0.669189	0.629406	0.639274	0.504374	0.546238
0.576218	0.489282	0.659436	0.505877	0.54042	0.559384	0.528391	0.60689	0.552501	0.640241
0.636221	0.543356	0.552881	0.637446	0.540974	0.427002	0.540577	0.589057	0.540099	0.597262
0.575622	0.620068	0.49652	0.531983	0.500759	0.575264	0.584897	0.521042	0.607283	0.590391
0.628756	0.644528	0.582556	0.516651	0.615817	0.738373	0.711898	0.568343	0.461051	0.518588
0.741871	0.767291	0.711294	0.519779	0.638117	0.540733	0.646989	0.624131	0.550789	0.558731
0.786908	0.738588	0.731182	0.537398	0.662357	0.565784	0.827742	0.832876	0.759569	0.68102
0.663045	0.569015	0.550637	0.601264	0.819679	0.624027	0.572025	0.641381	0.783232	0.629939
0.678612	0.590076	0.541227	0.645059	0.688809	0.748073	0.640577	0.581633	0.55193	0.583018
0.632133	0.61809	0.515193	0.51717	0.552207	0.830297	0.593061	0.65788	0.663293	0.663072
0.592003	0.72324	0.781471	0.619966	0.684159	0.823879	0.789236	0.719016	0.805179	0.845124
0.530964	0.7133	0.896321	0.688338	0.702263	0.672924	0.748394	0.809452	0.693866	0.599154
0.57981	0.630093	0.784336	0.745116	0.784295	0.693663	0.650593	0.657149	0.674507	0.665276
0.746259	0.771016	0.806958	0.741613	0.680321	0.636952	0.728895	0.859957	0.902232	1.016318
0.749801	0.757209	0.613762	0.577917	0.774693	0.940058	0.9115	1.001914	0.874959	0.725182
0.693194	0.656575	0.667416	0.620625	0.716146	0.806193	0.930381	1.018366	0.611193	0.706165
0.700275	0.648037	0.887725	0.80436	0.828188	0.610176	0.684446	0.725802	0.636115	0.663806
0.787877	0.595037	0.616358	0.704846	0.822851	0.650985	0.620537	0.755888	0.708359	0.881109
0.799684	0.612861	0.517779	0.727037	0.906872	0.906686	0.643415	0.785262	0.817634	0.620538
0.586474	0.674923	0.57185	0.7531	0.663091	0.715443	0.860506	0.621434	0.683692	0.684084
0.800682	0.809114	0.892616	0.845547	0.646519	0.686639	0.839881	0.702501	0.79307	0.709413
0.966675	1.004325	0.607977	0.805369	0.6409	0.587413	0.914148	0.82314	0.887144	0.738049
1.041646	0.742074	0.688417	0.871804	0.746209	0.711326	0.908869	0.990757	0.715791	0.837394

0.85153	0.650864	0.701681	0.768595	0.718643	1.018962	0.834321	0.663768	0.831543	1.155341
1.022904	0.768219	0.999427	0.926941	0.613191	0.846771	0.754786	0.634399	0.746859	0.857554
1.06858	0.893357	0.868693	0.779875	0.688809	0.814426	0.955929	0.805326	0.834817	0.687171
0.70346	0.660908	0.67704	0.870629	0.809272	0.824942	0.839881	0.702501	0.931333	0.748624
0.674855	0.639663	0.78052	0.781784	0.836868	0.885374	0.660845	0.630949	0.994548	0.819177
0.871068	0.99955	1.004171	0.716211	0.791145	0.830297	0.681328	0.749521	0.943824	1.038348
0.942458	0.759025	0.740612	0.697694	0.733933	0.9264	0.769761	0.964798	0.797069	0.812926
0.753372	0.671191	0.88049	0.70968	0.883073	1.156849	1.154459	0.960374	0.731047	0.682549
0.713158	0.730846	0.876917	0.903533	0.901752	0.771901	0.728895	0.691303	0.780323	0.857554
0.90913	1.081157	0.764663	0.793416	0.852487	0.654565	0.701196	0.841716	1.116102	0.858702
0.809774	0.794063	0.742348	0.61603	0.725372	0.788219	0.882161	0.891337	1.101689	0.951938
0.775439	1.121146	0.75025	0.636761	0.927976	1.119632	1.16854	0.896372	0.735382	0.79868
0.78594	0.953059	0.795009	0.623273	0.738278	0.808236	0.880929	1.095206	0.755899	1.016318
0.820104	0.833256	0.704861	0.669471	0.733933	0.643912	0.81067	0.970768	0.827216	1.008134
0.742745	0.69018	0.649487	0.626606	0.744434	0.880508	0.930381	0.654965	0.852709	0.8799
0.728969	0.700392	0.574206	0.73298	0.981106	0.884152	0.797277	0.646336	0.72166	0.701338
0.760604	0.773831	0.649487	0.728726	0.699059	0.657451	0.735005	0.649193	0.7242	0.845124
0.628756	0.65514	0.76742	0.717034	0.581021	0.672924	0.907559	0.872957	0.796066	0.881109
0.61681	0.724918	0.830823	0.926941	0.933416	0.840106	0.660105	0.795178	0.935457	0.660152
0.838249	0.746471	1.078558	1.181103	1.09186	0.845653	0.624608	0.927875	0.943824	1.056088
1.01793	0.844186	0.900058	0.935032	0.813405	0.743637	0.685229	0.74503	1.081895	1.155341
0.801683	0.988609	1.056486	0.695337	0.954447	1.331799	0.850071	0.891337	0.936841	0.89463
0.688536	0.778563	0.819245	0.836774	0.945912	1.136749	1.195603	1.026832	0.778395	0.777197
0.828548	0.726604	1.013816	0.98703	0.978062	1.066386	0.990925	1.018366	0.894622	0.79868
1.395486	1.077353	1.022022	0.891054	0.953013	1.051787	0.846648	0.837273	0.935457	0.834124
0.892761	1.116977	0.822372	0.741613	1.038157	1.231482	0.93593	0.880216	1.294882	1.116196
0.65942	0.755401	0.721953	0.754895	0.941707	0.906686	1.072623	0.887598	0.78226	1.16454
0.674107	0.759936	0.813058	1.023837	1.012784	0.876894	1.092182	0.961844	0.772661	0.933801
0.66891	0.926844	0.816141	0.764899	0.785267	0.717932	0.783301	0.796182	0.904798	0.854128
0.787877	0.74295	0.653014	0.653519	1.01443	0.787242	0.808583	0.848467	0.632663	0.741545
0.881779	0.759025	0.701681	0.733835	0.958778	0.77379	0.822335	0.682703	0.674507	0.887203
0.890296	0.765441	0.801939	0.899751	0.750679	0.781426	0.9115	0.681158	0.723352	0.966424
0.872245	1.309601	1.04761	0.917687	0.803145	0.843426	0.794244	0.780388	0.817634	0.943473
0.943845	0.83003	0.829758	0.732126	0.905586	0.794128	0.916812	0.76328	0.812401	0.83849
0.952267	0.631447	0.732031	0.745116	0.818627	0.674426	0.680552	0.675791	0.710822	0.847357
0.783051	0.675673	0.77392	0.790479	0.725372	0.846771	0.659366	0.66749	0.799082	1.379715
0.881779	0.979445	0.818208	0.611483	0.647935	0.735765	0.728895	0.840601	0.877369	0.817084
0.809774	0.683248	0.778624	0.665062	0.582849	0.9264	0.80547	0.821006	0.968446	0.72014
0.92348	0.607051	0.825522	0.827112	0.842382	1.00585	1.013695	0.713996	0.833723	0.712686
0.742745	0.840878	0.80595	0.751313	1.050524	0.753457	0.637757	0.748619	0.928606	0.909877
0.709901	0.836506	0.915336	0.717034	0.739152	0.739246	0.838763	0.890087	0.810325	0.967899
0.768886	0.669707	0.881687	0.745995	0.940314	1.046436	1.116879	1.055089	0.751356	0.708599
0.819059	1.083071	0.997857	0.813524	1.105882	1.073874	0.725442	0.91447	0.90738	0.83849
0.880576	1.004325	0.804943	0.883735	0.917296	0.69524	0.731503	0.865818	0.877369	0.813962
0.946634	0.710037	0.618315	0.836774	0.720316	0.705628	0.778417	0.906621	0.703474	0.884755
0.686225	0.776664	0.594771	0.585155	0.813405	0.959931	1.06504	1.066178	0.656701	0.681784
0.801683	1.084994	0.912752	0.779875	0.808245	0.791164	0.848927	0.797189	0.708359	0.811893

1.041646	0.92953	1.080449	1.02051	0.741785	0.700003	0.777446	0.922464	0.950922	0.936543
0.919519	0.706798	0.659436	0.822886	0.709557	0.780464	1.022125	1.307814	1.561189	0.987551
0.889069	0.737721	0.560255	0.887379	0.779468	0.910558	1.059438	0.686591	0.808259	0.784887
0.897732	0.930879	0.762835	0.868288	1.016082	0.991558	0.795253	0.589681	0.72761	0.897135
0.723913	0.680961	0.801939	0.73298	0.716977	0.914464	0.895946	0.856478	0.798075	1.091932
0.705864	0.722403	0.947604	0.771387	0.709557	0.991558	1.112664	1.164494	1.118201	0.809834
0.706669	0.764518	0.752026	0.724514	0.820734	1.099143	0.855837	1.186153	0.983609	0.732856
1.095322	0.937689	0.957486	0.782741	0.858204	0.780464	0.625973	0.737939	0.800092	0.781025
0.997011	1.014036	1.045856	0.785627	0.612536	0.717101	0.692342	0.772701	0.992968	0.913774
0.770748	0.87634	1.049371	0.789504	0.721154	0.845653	0.894674	0.865818	1.022319	0.815
0.737528	0.685546	0.841622	0.928279	1.022756	0.784324	0.927633	1.016693	0.700247	0.610688
0.685458	0.693296	0.8853	0.772322	0.769033	0.634199	0.751122	0.821006	0.803137	0.739793
0.795712	0.827893	0.692276	0.636077	0.901752	0.746293	0.709404	0.966283	0.854998	0.954797
0.743621	0.866908	0.687649	0.61865	0.801122	0.874501	0.834321	0.83838	0.780323	0.701338
0.700275	0.700392	0.7476	0.829241	0.627839	0.832458	1.044843	0.911838	0.657428	0.821281
0.850407	0.993264	0.873373	0.870629	0.717809	0.688191	0.8985	0.840601	0.857299	0.895881
0.957973	0.979445	0.732882	0.892286	0.785267	0.690527	0.800331	0.893847	0.941017	1.026347
1.249852	0.953059	0.64321	0.852245	0.957329	0.849015	0.761274	0.70739	0.666255	0.873907
0.735802	0.824706	0.730335	0.725353	0.574983	0.843426	0.867605	0.638574	0.792076	1.23505
0.772618	0.895843	0.985499	0.771387	0.625812	0.847891	0.76881	0.888841	0.913902	0.908586
0.828548	0.940444	0.745842	0.876537	0.775644	0.712968	0.660105	0.98296	0.826141	0.598522
0.702662	0.613511	0.78052	1.146533	0.715317	0.836812	0.876036	0.805326	0.761415	0.724338
0.753372	0.705992	0.901311	0.836774	0.759759	0.840106	0.825571	0.842834	1.017287	0.904735
0.813876	0.801022	0.914042	0.659252	0.826045	1.095158	0.729762	0.890087	0.994548	0.758549
0.962302	0.908492	0.708066	0.717859	0.746209	0.817554	0.788241	0.964798	0.762341	0.674202
0.722241	0.771952	0.809997	0.814554	0.69037	0.913158	0.640577	0.76328	0.701858	0.702941
0.64104	0.827893	1.099827	0.86134	0.802133	0.855819	0.690751	0.857635	0.864277	0.648663
0.755169	0.808095	0.932516	0.750422	0.996656	0.820705	0.716927	0.911838	0.870179	0.711865
0.734942	0.694863	0.789155	0.785627	0.917296	0.895273	0.852368	0.872957	0.714958	0.982936
0.610313	0.660183	0.849345	0.744237	0.990369	0.989998	1.07454	0.917118	0.785182	0.827655
0.663774	0.747356	0.994735	0.83138	0.879432	0.764429	0.858166	1.135001	0.839222	0.79868
0.875796	0.97047	0.701681	0.904801	0.844607	0.830297	0.829924	1.181246	0.916539	0.844011
0.726434	0.902121	0.82447	0.81766	0.852487	0.734034	0.77167	0.874159	0.968446	0.862164
0.61681	0.804039	0.704064	0.638821	0.981106	0.964311	0.951565	0.839489	0.882229	0.84069
0.671872	1.057009	0.862912	0.768595	0.895436	0.788219	1.053907	0.948792	0.842554	1.041839
0.675604	0.727449	0.967598	0.83138	0.735666	0.802134	1.238246	1.178813	0.719135	1.08029
0.904027	0.715764	1.005764	0.859048	0.769033	0.887828	0.91815	0.833971	0.744184	0.806763
0.765186	0.826828	0.985499	0.993211	0.869869	0.947052	0.747488	0.693679	0.748652	0.717641
0.879376	0.902121	1.033775	0.844441	0.718643	0.861571	0.793238	0.81049	0.78226	0.787806
0.746259	0.746471	0.797965	0.789504	0.673497	0.951302	1.00379	0.762349	1.122429	0.778151
1.036454	0.815284	0.812036	0.686031	0.724525	0.891534	1.035964	0.800222	0.805179	0.653652
1.003341	0.755401	0.891388	0.837861	1.011144	0.948464	0.753867	0.858794	0.731911	0.715983
0.975556	0.661635	0.93658	1.240111	0.889211	0.809262	0.73325	0.868185	0.888381	0.931077
0.734942	0.771016	0.838354	0.763063	0.797104	0.997852	0.656422	0.812573	1.13756	0.982936
0.686994	0.863423	0.778624	0.662147	0.871053	1.055391	0.763146	0.878998	0.805179	0.785858
0.619437	0.696436	0.689186	0.812496	0.880643	0.772844	1.06504	1.056918	0.705096	0.778151
0.743621	0.752703	0.857208	0.955947	0.87224	0.729739	0.93593	0.835069	0.812401	0.863324

0.73926	0.890884	0.991634	0.724514	0.650068	0.715443	0.789236	0.796182	0.84479	0.809834
0.952267	1.079251	0.786257	0.788531	0.885518	0.931812	0.885877	0.906621	0.669238	0.691842
0.745378	0.909777	0.976456	0.857907	0.926626	1.089249	0.885877	0.658611	0.796066	0.949098
0.565036	0.905932	1.134893	0.920311	0.925281	1.175531	0.82019	0.839489	0.906087	0.863324
0.742745	0.83542	0.744966	0.781784	0.843493	0.801125	0.730632	1.143864	1.057441	0.869172
1.016285	0.711666	0.680045	0.770454	0.930688	0.780464	0.972314	0.893847	0.754987	0.85073
0.861764	0.726604	0.553443	0.70968	0.684159	0.900308	0.899782	0.739701	0.927248	1.04009
0.759693	0.764518	0.674056	0.875349	0.694298	0.897783	0.706925	0.67885	0.820805	1.045357
1.064891	0.742074	0.65019	0.751313	0.745321	0.663281	0.759411	0.704125	0.909977	0.818129
0.784012	0.62405	0.644597	0.721174	0.753383	0.634199	0.912822	0.81153	0.841441	0.766842
0.643121	0.612211	0.724451	0.706452	0.794114	0.775686	0.644128	0.655692	0.89841	0.83849
0.701069	0.765441	0.813058	0.606982	0.758842	0.866228	0.762209	0.764213	0.808259	0.962027
0.828548	0.76915	0.822372	0.732126	0.5714	0.834629	0.801354	1.06245	0.830457	0.908586
0.718916	0.708415	0.744966	0.712933	0.687253	0.983816	0.836536	0.799209	0.804157	0.751308
0.594483	0.64663	0.800942	0.826051	0.849092	0.880508	0.611184	0.762349	0.849298	0.77246
0.720576	0.747356	0.834035	0.640199	0.908161	0.779504	0.627343	0.904036	0.830457	0.769642
0.844839	0.853133	0.770194	0.627946	0.746209	0.826008	0.901069	0.842834	0.693075	1.076478
0.844839	0.668967	0.75025	0.750422	0.93205	0.899044	0.812768	1.055089	0.723352	0.844011
0.701069	0.696436	0.826577	0.660697	0.76252	0.801125	0.679777	0.813618	0.749552	0.944872
0.645213	0.768219	0.676292	0.810448	0.836868	0.648142	0.758482	0.872957	0.866628	0.920348
0.747141	0.806062	0.711294	0.796374	0.806198	0.733172	0.734127	0.808417	0.943824	0.873907
0.638968	0.797032	0.826577	0.751313	0.92127	0.880508	0.791232	0.703312	0.962526	1.009759
0.688536	0.838687	1.049371	0.999482	1.122482	0.851271	0.762209	0.726658	0.787141	0.835211
0.868723	0.781428	1.049371	0.98703	0.746209	0.905403	0.878476	0.745924	0.736254	1.04009
1.038178	0.950224	0.830823	0.646458	0.675004	0.745406	0.975361	0.825285	0.750453	0.767773
0.907849	0.807077	0.686882	0.665062	0.914666	1.19009	0.890882	0.98296	0.845913	0.641633
0.697114	0.898343	0.764663	0.883735	0.884294	0.897783	0.899782	0.737061	0.810325	0.913774
0.759693	0.850879	1.122191	0.917687	0.824978	0.971709	0.888372	0.727516	0.883452	0.882321
0.901498	0.628069	0.921863	0.698483	0.79016	1.245271	0.984632	0.893847	0.825068	0.824457
0.799684	0.745588	0.835111	0.7531	0.835773	0.896526	0.738535	0.930607	0.808259	0.731139
0.726434	0.807077	1.287811	0.773259	0.67425	0.741875	0.59433	0.8043	0.966958	0.788783
0.93695	0.994827	0.969062	0.748646	0.708741	0.663281	0.643415	0.925161	1.181503	0.964953
0.630104	0.819446	0.70887	0.726194	0.905586	0.948464	0.832117	0.896372	0.843671	0.876295
0.542394	0.672679	0.658001	0.643665	0.840168	0.944241	0.837648	0.698469	0.561165	0.857554
0.635537	1.081157	0.809997	0.780828	0.716146	0.717101	0.790233	0.719016	0.681377	0.916392
0.818018	0.934952	0.914042	0.603162	0.836868	0.779504	0.880929	0.727516	0.859613	1.173939
0.862916	0.7536	0.718646	0.742486	1.157717	1.002633	1.057586	0.938906	0.759569	0.84069
0.729817	0.637594	0.686117	0.8648	0.770911	0.777591	0.902359	0.770801	0.796066	0.854128
0.796702	0.987068	1.143572	1.181103	0.710376	0.865059	1.185565	0.77942	0.810325	0.754913
0.774497	1.090814	1.141386	0.83569	0.861671	0.833542	0.859334	0.754059	0.817634	0.783918
0.905298	0.729144	0.753809	0.810448	0.800114	0.839005	1.059438	0.896372	0.787141	0.779107
0.972575	0.672679	0.726963	0.853372	0.837965	0.834629	0.98152	0.744137	0.935457	0.830877
0.946634	0.827893	1.023681	0.829241	0.736535	0.949881	0.684446	0.685032	0.928606	0.908586
0.822199	0.639663	0.781471	0.696121	0.644403	0.869754	0.853522	0.846205	0.770766	0.823396
0.725592	0.658736	0.834035	0.778923	0.818627	0.910558	1.108489	1.152912	1.081895	0.788783
0.701069	0.650864	0.720296	0.860193	0.862832	0.942842	0.860506	0.95891	0.78226	0.709413
0.830685	0.756304	0.693052	0.705648	0.859356	0.878095	0.620537	0.947366	0.698643	0.649372

1.156579	0.974934	0.88049	0.662874	0.826045	0.896526	0.744783	0.886359	0.949493	0.895881
0.82115	0.7317	0.740612	0.610837	0.736535	1.048213	0.97843	0.773655	0.7242	0.781987
0.702662	0.742074	0.859481	0.830309	0.722837	0.938673	0.855837	0.713996	0.703474	0.728576
0.898984	1.119057	0.846019	0.971951	0.901752	0.643211	0.757555	0.917118	0.730185	0.820228
0.867556	0.947407	0.908905	0.892286	0.812368	0.65313	0.80547	0.863464	0.734512	0.79868
0.731519	0.824706	0.734587	0.790479	0.957329	0.776637	1.112664	0.74147	0.890867	0.845124
0.790799	1.162882	0.792072	0.782741	1.038157	0.723795	0.914148	0.794176	0.790095	0.951938
0.842631	0.877534	0.925828	0.921629	0.707926	0.67669	0.98152	0.730098	0.776475	1.017974
0.935584	0.722403	0.665954	0.876537	0.646519	0.735765	0.887123	0.874159	0.756814	0.714331
0.75607	0.652285	0.592917	0.991658	0.877022	0.79215	0.784285	0.786244	1.087739	0.827655
0.841531	0.801022	0.645988	0.993211	0.938926	0.900308	0.867605	0.671244	0.923201	0.898392
0.757878	0.805049	0.717822	0.665062	0.686478	0.869754	0.84438	0.69527	1.103719	1.086072
0.742745	0.577317	0.751137	0.638133	0.658707	0.914464	0.929005	0.815716	0.889622	0.906015
0.810796	0.643132	0.806958	0.99477	1.01443	0.986896	1.076465	1.216822	0.908677	0.713508
1.04339	0.92953	1.284766	0.870629	0.982636	0.846771	0.699572	0.917118	0.913902	0.863324
0.946634	1.029021	0.862912	0.629291	0.759759	0.853539	0.750211	0.941708	0.999321	0.915081
0.719745	0.865743	0.690728	0.652098	0.964621	1.250911	0.845512	0.850741	0.881009	0.695774
0.678612	0.820493	0.838354	0.876537	0.945912	0.945644	1.188053	1.083361	0.735382	0.888432
0.728969	0.82896	0.923181	0.775139	0.878225	0.682019	0.809625	0.896372	0.79307	0.885977
0.826422	0.76915	0.771122	0.71375	0.817578	0.715443	0.806505	0.909222	0.893367	0.858702
0.832833	0.793078	0.613762	0.762147	0.957329	0.77379	1.030723	1.122036	0.682919	0.727725
0.85153	0.892119	0.676292	0.847768	0.887976	0.843426	0.828832	0.688156	0.71746	1.04009
0.677105	0.9202	0.93931	1.00745	0.803145	0.856963	0.850071	0.751331	0.850432	0.902187
0.765186	0.883551	0.860622	0.76582	0.833593	0.716271	0.821261	0.815716	1.005769	0.726028
0.786908	0.928185	0.721953	0.809427	0.832506	0.708875	1.267194	0.900187	0.841441	0.773403
1.063058	0.898343	0.762835	0.777974	0.80722	0.735765	0.877254	0.757724	0.839222	0.904735
0.876986	0.756304	0.921863	0.808409	0.596493	0.863894	0.613836	0.722396	0.817634	0.846239
0.853783	0.705188	0.911466	0.8187	0.725372	0.861571	0.738535	0.775568	0.834817	0.647955
0.942458	0.819446	0.878105	0.913781	0.855908	0.935915	1.193071	1.053268	0.952356	0.796683
0.802686	0.680202	0.777679	0.8886	0.753383	0.941448	0.872403	0.934736	1.304466	0.962027
0.796702	0.706798	0.900058	0.773259	0.828188	1.147801	0.761274	0.83617	1.491285	0.943473
0.770748	0.721567	0.949002	0.685264	0.96169	1.009091	0.883396	0.815716	0.800092	0.92837
0.745378	0.629417	0.744092	0.704846	0.699858	1.057204	1.048446	0.890087	0.711646	0.85186
0.547945	0.714941	0.921863	1.017208	0.827116	0.775686	0.839881	0.89764	0.848166	0.723495
0.690083	0.812188	0.782424	0.860193	0.892935	0.69603	0.742094	1.113603	0.799082	0.766842
0.900239	1.138233	0.841622	0.828175	0.985713	0.772844	0.855837	0.97988	0.80212	1.116196
0.804699	0.87515	0.865215	0.706452	0.903026	0.776637	1.161442	0.89764	0.708359	1.118281
0.556406	0.774773	0.997857	0.737275	0.786241	0.861571	0.715244	0.825285	0.714128	0.966424
0.529891	0.79604	0.80595	0.901008	0.906872	0.685866	0.779389	0.9531	0.778395	1.004904
0.784975	1.083071	0.717001	0.933673	0.92127	0.797113	1.018734	0.905327	0.812401	0.897135
0.784975	0.854264	0.700099	0.667261	0.806198	0.833542	1.307965	0.790192	0.863106	0.913774
0.693194	0.971953	0.740612	0.718685	1.012784	0.923719	0.816994	0.697667	0.741524	0.788783
0.824305	0.90721	0.663771	0.644362	0.866336	0.724639	0.81382	0.737061	0.810325	1.302982
0.931512	0.790136	0.687649	0.832453	0.730489	0.788219	0.954469	1.035467	0.962526	1.02466
0.767032	0.672679	0.85046	0.760323	0.772798	0.859261	1.030723	0.801238	0.923201	0.799682
0.753372	0.82896	0.67854	0.86596	0.829264	0.775686	0.8688	0.686591	0.778395	0.769642
0.902761	0.893357	0.753809	0.853372	0.80416	0.76166	0.73765	0.745924	0.740642	0.927023

0.844839	0.694863	0.988556	0.944667	0.687253	0.81132	0.850071	0.693679	0.644515	0.9891
1.095322	0.647333	0.796977	0.907348	0.819679	0.742755	0.807543	0.705754	0.751356	0.805745
0.856049	0.732555	0.628236	0.850001	0.821791	0.896526	0.719464	0.947366	1.007396	0.855267
1.18712	0.82896	0.700099	0.83138	0.855908	0.878095	0.836536	0.877783	1.160133	0.976859
0.93695	0.807077	0.697737	0.694553	0.681852	0.861571	1.080341	0.780388	0.924546	1.004904
0.760604	0.783348	0.892616	0.750422	0.757928	0.76166	0.96479	0.848467	0.72505	0.705357
0.882986	0.785277	0.943437	1.058594	0.910751	0.774737	0.703642	0.938906	0.895881	0.6895
0.978556	0.815284	1.058283	0.886161	0.940314	0.968735	0.702825	0.874159	0.923201	0.781025
0.953686	0.746471	0.800942	0.721174	0.781392	0.957036	0.814876	0.859957	0.903513	1.120375
0.66891	0.779516	0.814083	0.722841	0.711195	0.882934	0.882161	0.819943	1.04305	0.899653
0.665968	0.702783	0.858343	0.943278	0.840168	0.768149	0.895946	0.851882	0.774564	0.85073
0.867556	0.645227	0.927157	0.893521	0.827116	0.763504	0.81067	0.861123	0.735382	0.733717
0.960854	0.703583	0.954639	0.83569	0.973535	0.944241	0.758482	0.890087	0.941017	0.967899
0.912997	0.948813	0.778624	0.792435	1.022756	1.321659	0.838763	0.990757	0.997724	0.839589
0.690083	0.808095	0.655144	0.621947	0.944506	0.799114	0.887123	0.951659	0.688358	0.856409
0.690083	0.947407	0.85046	0.766743	0.845724	0.675934	0.944388	0.969268	0.755899	0.794694
0.740129	0.985532	1.230644	1.00745	0.76252	0.756174	0.878476	0.863464	0.833723	0.855267
0.85153	0.918884	0.763748	0.762147	1.02444	0.769084	0.934536	1.252689	1.015623	0.979887
0.830685	0.928185	0.712917	0.784663	0.892935	0.844538	0.922189	0.856478	0.762341	1.084136
0.718916	0.866908	0.752916	0.836774	0.820734	0.706438	0.973835	0.668238	0.751356	1.107957
0.767032	1.062464	0.876917	0.796374	0.905586	0.860414	1.015368	0.819943	0.861939	0.829801
0.829616	0.668967	0.681555	0.718685	0.842382	0.81132	1.395057	1.341761	0.921861	0.695774
0.881779	0.781428	0.607339	0.716211	0.936162	0.854677	1.02899	1.13941	0.866628	0.774349
0.748026	0.846406	0.744092	0.777974	0.707112	0.85811	0.790233	0.662289	0.716624	0.862164
0.774497	0.97047	0.961791	0.843337	0.730489	0.95416	0.8688	0.814666	0.826141	0.932437
0.978556	1.002728	0.875733	0.874164	0.691937	0.9264	0.99731	0.954545	0.963998	0.817084
0.981578	0.693296	0.924502	0.913781	0.685703	0.726332	1.008714	1.0425	0.800092	0.755819
0.864071	0.801022	0.947604	0.7944	0.834682	0.875696	0.794244	0.81153	1.009029	0.982936
0.911704	0.662363	0.892616	0.780828	0.803145	0.993123	0.786258	0.799209	0.958138	1.063392
0.796702	0.672679	0.693052	0.751313	0.733933	0.873309	0.842125	1.053268	0.991394	0.721814
0.759693	0.694863	0.76558	0.797364	0.755195	1.103164	1.54186	0.992333	0.895881	0.756727
0.789823	0.83003	0.921863	1.162324	0.925281	0.909263	0.773587	0.767965	0.798075	0.791729
0.895239	0.873963	1.150197	0.774198	1.0707	0.958481	0.702825	0.826361	0.925895	1.004904
1.036454	0.761763	1.045856	0.943278	0.850221	0.904123	0.814876	0.944528	0.812401	0.859853
0.694757	0.584562	0.826577	0.727881	0.730489	1.06269	0.945814	1.049649	0.770766	0.721814
0.680882	0.564923	0.84053	0.705648	0.688809	0.801125	0.901069	0.83838	0.806203	0.79868
0.829616	0.839781	0.734587	0.652808	0.904304	0.728885	0.657156	0.880216	1.068557	0.897135
0.824305	1.02733	0.744966	0.605068	0.754288	0.731452	0.735005	0.970768	0.895881	1.34667
0.751583	0.865743	0.953223	0.732126	0.878225	0.99944	1.020426	1.13941	0.693866	0.785858
0.713158	0.869247	1.078558	0.874164	1.012784	1.079576	0.786258	0.794176	0.814487	0.792715
0.829616	0.834337	0.724451	0.810448	0.835773	0.805174	0.8688	0.877783	0.971436	0.729429
0.981578	0.940444	0.681555	0.651389	0.721154	0.805174	0.764085	0.90792	0.813442	0.793704
0.680882	0.759025	0.641137	0.580918	0.80416	0.791164	0.924902	0.76142	0.809291	0.898392
0.747141	1.039306	0.887725	0.718685	0.897951	0.97621	1.000538	0.921121	0.902232	0.83849
0.977053	1.110798	1.124282	1.018856	0.787218	0.734899	0.927633	1.055089	0.877369	0.85186
0.969615	0.810137	0.744966	0.930968	0.909454	0.77379	0.834321	0.730962	0.778395	0.897135
0.678612	0.672679	0.686882	1.07519	1.135363	1.06269	1.170931	0.70821	0.972939	0.882321

0.701069	1.084994	0.954639	1.049641	0.954447	0.751655	0.922189	0.849603	0.730185	0.902187
0.867556	0.902121	0.980954	1.226583	0.669752	0.592993	0.838763	0.795178	0.735382	0.979887
1.423923	0.701985	0.69617	0.904801	0.741785	0.710508	0.806505	0.79218	0.800092	0.913774
1.134466	0.815284	0.617009	0.793416	0.738278	0.961386	0.832117	0.796182	1.118201	0.936543
0.879376	0.911067	0.733734	1.035688	0.867511	0.865059	0.796264	0.872957	0.827216	0.781987
0.75607	0.836506	0.82447	0.953099	0.874624	0.729739	0.761274	0.776528	0.877369	1.041839
0.78594	0.663091	1.040637	0.823938	0.842382	0.860414	0.95012	0.922464	1.087739	0.957674
0.875796	0.658015	0.834035	0.887379	0.850221	1.079576	0.8688	1.367208	1.078042	0.847357
0.859469	0.648742	0.796977	1.065892	0.832506	0.851271	0.836536	0.816769	0.843671	0.857554
0.916899	0.843081	0.684591	0.808409	0.699059	0.948464	0.998921	0.796182	1.022319	0.870351
0.736664	0.84752	1.007362	0.768595	0.720316	0.959931	0.976893	0.803277	0.770766	0.723495
0.813876	0.7412	0.841622	0.773259	0.728776	0.97621	0.705281	0.798198	0.856147	0.61855
0.800682	0.691735	0.847125	0.771387	0.945912	1.143346	0.8688	0.875364	0.892115	0.787806
0.868723	0.882341	0.793049	0.76398	0.636733	0.945644	0.835427	0.825285	1.041284	0.981409
0.79374	0.887202	0.766499	0.65566	0.654366	0.949881	0.897221	0.760493	0.866628	0.707786
0.705062	0.764518	0.799948	0.837861	0.795109	0.815466	0.744783	0.830693	0.701052	0.687946
0.804699	0.772891	1.040637	0.741613	0.945912	0.788219	0.81382	0.795178	0.631289	0.682549
0.796702	0.726604	0.974967	0.827112	0.89169	0.902848	0.6868	0.793177	0.648064	0.688722
0.73926	0.996396	0.669618	0.708063	0.76252	1.18033	0.827742	0.891337	1.000924	0.831957
0.815942	0.913657	0.772053	0.872983	0.841273	0.919728	0.78232	0.882663	0.725902	0.713508
0.751583	0.939064	0.97945	1.035688	0.868688	0.806193	0.824489	0.969268	0.808259	0.812926
0.767958	1.05341	1.010577	0.649974	0.757928	0.738373	0.667566	1.023426	0.943824	1.150813
0.722241	0.944608	0.71947	0.667261	0.760677	0.804159	0.693139	1.035467	0.997724	1.034885
0.781135	0.917571	0.611825	0.704846	0.732207	0.915774	0.729762	0.941708	0.716624	0.66749
0.755169	0.800021	0.821328	0.717859	0.880643	0.758909	1.005425	0.861123	0.774564	0.758549
0.714795	0.950224	1.060087	0.838951	0.89169	0.703209	0.769761	0.82744	0.868992	0.992215
0.873426	0.765441	0.68307	0.590664	0.958778	0.738373	0.677461	0.950223	0.850432	0.833039
0.922156	0.812188	0.567756	0.668733	0.89169	0.681254	0.719464	0.822072	0.574795	0.761296
0.773557	0.863423	0.688417	0.658531	0.644403	0.863894	0.970799	0.694473	0.609886	0.972356
0.804699	1.009153	0.790125	0.878923	0.67425	0.78239	0.832117	0.746821	0.718296	0.815
0.772618	0.775718	0.886511	0.8187	0.742666	0.720435	0.780364	0.922464	0.974448	0.752207
0.912997	0.691735	0.68383	0.684499	1.031244	0.714617	0.747488	0.755888	0.772661	0.898392
0.718089	0.675673	0.861765	0.736413	0.861671	1.070114	0.878476	0.688156	0.697045	0.962027
0.737528	0.759025	0.873373	0.772322	0.631238	0.868576	0.814876	1.015025	0.882229	0.821281
0.824305	0.852004	0.67854	0.777974	0.644403	0.728885	0.811718	1.010062	1.017287	0.765913
0.882986	0.679444	0.832961	0.971951	0.76252	0.706438	0.834321	0.911838	0.864277	0.764985
0.818018	0.648037	0.738882	0.842237	0.798105	0.749861	0.648427	0.616753	0.903513	0.962027
0.956539	0.7536	0.764663	0.698483	0.753383	0.951302	0.677461	0.675791	0.825068	0.836301
0.760604	0.719901	0.862912	0.715389	0.733933	0.964311	0.746585	0.877783	0.821867	0.603603
0.641732	0.654425	0.812036	0.827112	0.720316	0.900308	1.070715	0.891337	0.906087	0.727725
0.784012	0.71907	0.694608	0.785627	0.70146	0.778546	0.701196	0.713996	0.988263	0.774349
0.826422	0.78916	0.743219	0.649974	0.696672	0.849015	0.596242	0.635092	0.991394	0.777197
0.830685	0.968992	0.866371	0.683735	0.628517	0.657451	0.851218	0.805326	0.75773	0.626558
0.719745	0.680202	0.722784	0.730423	0.740905	0.839005	0.914148	0.941708	0.734512	0.66234
0.685458	0.641047	0.748482	0.83569	0.764371	0.835719	0.836536	0.887598	0.882229	0.687171
0.767032	0.850879	0.932516	0.691435	1.054124	0.886599	0.734127	0.831783	0.991394	0.917707
0.857186	0.930879	0.966139	0.776082	0.830342	0.813388	0.767861	0.801238	0.666999	0.85073

0.623406	0.679444	0.901311	0.680693	0.853624	0.918406	0.953015	0.906621	0.648064	0.702139
0.61355	0.693296	1.097849	0.771387	0.735666	0.890295	1.059438	0.81049	0.734512	0.650794
0.765186	0.791115	0.900058	0.860193	0.889211	0.701603	0.689166	0.948792	0.980534	0.792715
1.046901	1.049841	0.759202	0.81766	0.818627	0.675934	0.780364	0.954545	0.775518	0.950516
0.998585	0.859966	0.879296	0.717034	0.89169	1.020629	0.9115	1.049649	0.621795	0.799682
0.646613	0.862268	1.113925	0.754895	0.926626	1.037662	0.828832	0.862292	0.696248	0.735445
0.640348	0.72324	0.7476	0.741613	0.786241	0.671426	0.729762	1.030266	0.843671	0.770579
0.716439	0.642436	0.634299	0.695337	0.779468	0.745406	0.770714	0.858794	1.079964	0.779107
0.868723	0.774773	0.710484	0.610837	0.692723	0.833542	0.93593	0.89764	0.804157	0.802703
0.622742	0.833256	0.783379	0.580918	0.771854	1.001033	0.780364	0.796182	0.648064	0.762215
0.713158	0.815284	0.92055	0.837861	0.783326	0.76166	0.746585	1.033726	0.664031	0.756727
0.922156	0.832178	0.722784	0.891054	0.679557	0.687414	0.792234	1.016693	0.953794	0.819177
0.840434	0.784311	0.616358	0.763063	0.713664	0.669189	0.788241	0.79218	0.849298	1.12248
0.681641	0.99955	0.75025	0.799351	0.937542	0.906686	0.778417	0.704125	0.731911	0.834124
0.639658	0.858819	0.897563	0.793416	0.709557	0.827076	0.860506	0.671244	0.723352	0.993781
0.711526	0.630093	0.789155	0.694553	0.624466	0.740997	0.872403	0.9531	0.919192	0.940688
0.719745	0.65371	0.633622	0.685264	0.647227	0.536877	0.798293	0.785262	1.02741	1.006516
0.762431	0.786244	0.687649	0.899751	0.886745	0.739246	0.873611	0.688941	0.792076	0.931077
0.799684	0.76915	0.721953	0.790479	0.69037	0.666225	0.927633	0.789202	0.755899	1.065238
0.680882	0.566672	0.795009	0.697694	0.541529	0.60888	1.048446	0.775568	0.655974	0.917707
0.652969	0.624717	0.836189	0.785627	0.678034	0.669189	0.646272	0.601077	0.774564	0.783918
0.747141	0.699598	0.598503	0.884946	0.729632	0.733172	0.557182	0.603651	0.706724	0.711046
0.802686	0.889654	0.6748	0.717034	0.660163	0.67669	0.760341	0.705754	0.856147	0.921675
0.717263	0.883551	0.905091	0.661422	0.677275	0.911856	1.321321	0.937511	0.972939	1.12248
0.769816	0.745588	0.771122	0.821835	0.80416	0.986896	0.81382	0.92381	1.099669	0.782952
0.876986	0.681722	0.770194	0.847768	0.819679	0.906686	0.650593	0.921121	0.959596	0.781987
0.860615	0.832178	0.903828	0.903533	0.681852	0.808236	0.69554	0.750425	0.893367	0.770579
0.672616	0.854264	1.035481	0.699274	0.683388	1.002633	0.836536	0.76142	0.968446	0.759463
0.678612	0.721567	0.841622	0.739873	0.776597	0.991558	0.825571	0.865818	0.879792	0.751308
0.761516	0.709225	0.811015	0.789504	1.045181	0.913158	0.621213	0.970768	0.948069	0.686397
0.790799	0.610269	0.834035	0.642276	0.670498	0.739246	0.650593	0.794176	0.929967	0.783918
0.786908	0.794063	0.839441	0.660697	0.815486	1.08342	0.779389	0.813618	1.135366	0.917707
0.677858	1.02733	0.761015	0.64297	0.828188	0.894023	0.855837	0.764213	0.80723	0.748624
0.643121	0.737721	0.673313	0.860193	0.967572	0.70482	0.836536	0.930607	0.650924	0.698945
0.654394	0.663821	0.82342	0.759413	0.975039	0.957036	0.908869	0.933356	0.665513	0.793704
0.740999	0.705992	0.853821	0.711304	1.416546	0.902848	0.646272	0.832876	0.833723	0.857554
0.753372	0.868076	0.700889	0.623273	0.906872	0.742755	0.664566	0.845079	0.796066	0.888432
0.705062	0.81736	0.693052	0.626606	0.740028	0.694451	0.994105	0.870565	0.720817	0.834124
0.665968	0.83003	0.991634	0.906072	0.831423	0.667705	0.693139	0.747719	0.718296	0.783918
0.969615	0.834337	0.703268	0.751313	0.982636	0.859261	0.758482	1.10533	0.832632	0.852993
0.946634	0.824706	0.691501	0.697694	0.867511	0.868576	0.82019	0.927875	0.881009	0.882321
0.780181	0.81736	0.801939	0.874164	0.899215	1.070114	1.008714	0.756805	0.693075	0.966424
0.696327	1.010775	0.92055	0.805369	0.727071	1.044667	1.010368	0.833971	0.765131	0.754009
0.764265	0.7133	0.733734	0.780828	0.850221	0.77096	0.884635	1.089243	0.88591	0.986007
0.867556	0.599425	0.724451	0.925607	0.855908	0.637643	0.723725	0.854174	0.789108	0.923006
0.876986	0.72324	0.668883	0.868288	0.675004	0.716271	0.783301	0.724096	0.851569	1.155341
1.136628	1.084994	0.960351	0.752206	0.761598	0.814426	0.866414	0.865818	0.97748	0.987551

0.962302	0.928185	0.697737	0.838951	0.796105	0.897783	1.175755	1.00842	1.034291	0.982936
0.674107	0.630093	0.696953	1.035688	1.004645	1.09318	0.942967	0.802256	0.742409	0.755819
0.744498	0.630093	0.811015	0.775139	0.734799	0.922385	0.706102	0.610808	0.632663	0.754009
1.057605	0.982478	0.879296	0.840043	0.588997	0.859261	0.75663	0.835069	0.699445	0.758549
0.910415	1.004325	0.817173	0.775139	0.626487	0.812353	0.9115	1.047851	0.858454	0.607453
0.748913	0.855399	0.865215	0.913781	0.770911	0.951302	1.052079	1.060598	0.979004	0.826586
0.760604	0.694079	0.891388	0.847768	0.744434	0.986896	0.751122	0.807384	1.081895	0.903459
0.893998	0.826828	0.987025	0.81766	0.934787	1.023983	0.774548	0.74147	0.909977	0.856409
0.715616	1.034133	0.905091	0.893521	0.787218	1.034202	0.931762	0.909222	0.719975	0.711865
0.6129	0.614162	0.800942	0.871804	0.730489	0.934543	0.904951	0.881438	0.767001	0.771518
0.818018	0.771952	0.78052	0.698483	0.783326	0.863894	0.677461	0.938906	0.720817	0.782952
1.01793	1.224725	0.88049	0.636077	0.988812	0.849015	0.728895	0.888841	0.876162	0.826586
0.934223	0.819446	0.839441	0.681451	0.820734	0.791164	0.78232	0.95891	0.658157	0.846239
0.772618	0.897091	1.063719	0.734693	0.881856	0.970219	0.792234	0.760493	0.686797	0.824457
0.723077	0.966051	0.949002	0.940512	0.901752	0.861571	0.704461	0.862292	0.780323	0.691842
0.916899	1.015675	0.795009	0.859048	0.879432	0.817554	0.816994	1.291787	1.044823	0.79768
0.862916	0.815284	0.677789	0.646458	0.863997	0.835719	0.924902	0.95891	0.816582	1.054281
0.713976	0.837595	0.75025	0.710491	1.004645	1.150045	1.027264	0.954545	0.771712	0.943473
0.70426	0.905932	1.012194	0.793416	0.812368	0.860414	0.772627	0.97988	0.818688	0.829801
0.875796	1.005929	0.71947	1.049641	1.036418	0.742755	0.847786	1.211558	0.953794	0.84069
0.833911	0.870421	0.698523	0.915079	1.066962	0.88906	0.969289	0.862292	0.780323	0.946276
0.70346	0.841978	0.728646	0.786593	1.103851	0.892777	0.894674	0.760493	0.676785	0.833039
0.838249	0.980959	0.75025	0.729574	0.839065	0.777591	0.806505	0.82744	0.665513	0.824457
1.196966	0.855399	0.741479	0.979425	0.796105	0.820705	0.966284	1.010062	0.762341	0.966424
0.798687	0.820493	0.597879	0.712118	0.787218	0.830297	0.983073	0.842834	0.838116	1.054281
0.770748	0.76915	0.682312	1.155486	1.099817	0.900308	1.219072	0.821006	0.988263	0.976859
0.882986	1.081157	0.947604	1.037408	0.933416	0.647434	0.772627	0.832876	0.819745	1.148566
0.825362	0.73513	0.859481	0.98703	0.632605	0.863894	1.152156	1.143864	0.865451	1.218947
0.956539	0.782387	0.808982	0.749533	0.726221	0.859261	0.957393	0.909222	0.965476	0.820228
0.875796	0.758116	0.752026	0.920311	0.824978	0.823879	0.811718	0.699272	0.899681	0.775296
1.000165	0.7545	0.779571	0.971951	0.740905	0.840106	0.836536	0.663768	1.012313	0.876295
0.677105	0.78916	0.882888	0.786593	0.798105	0.863894	0.910183	0.70821	1.222302	0.975353
0.745378	0.924174	0.872198	0.739873	0.759759	0.831376	0.878476	0.833971	0.841441	0.66454
0.677105	0.651574	0.921863	0.784663	0.903026	1.018962	0.716085	1.028545	0.787141	0.611988
0.763347	0.668967	0.927157	0.736413	0.687253	0.823879	0.796264	0.8043	0.852709	0.839589
0.963755	0.925507	0.82447	0.64297	0.641598	1.027362	0.716085	0.726658	0.985155	0.908586
0.711526	0.856536	0.764663	0.699274	0.810302	0.887828	0.834321	0.760493	0.774564	0.582409
0.707475	0.774773	0.832961	0.798356	0.865165	0.691309	0.732376	0.905327	0.706724	0.655088
0.822199	0.758116	0.957486	0.913781	0.988812	0.805174	0.54283	0.767024	0.777434	0.73892
0.729817	0.845295	0.756497	0.660697	0.773745	0.856963	0.691546	0.91447	1.085782	0.872719
0.690083	0.809114	0.583762	0.67542	0.727923	0.818602	0.811718	0.748619	0.948069	0.870351
0.622742	0.724078	0.726963	0.848883	0.945912	0.70482	0.729762	0.871759	0.741524	0.706975
0.671872	0.826828	0.879296	0.940512	0.966094	0.749861	0.66233	0.733566	0.749552	0.684854
0.864071	0.790136	0.6748	0.659974	0.709557	0.780464	0.661587	0.798198	0.949493	0.847357
0.770748	0.852004	0.61247	0.701653	0.791145	0.918406	0.82019	0.824211	0.834817	0.920348
0.540743	0.773831	0.751137	0.836774	0.80722	0.645317	0.930381	0.95745	0.634731	0.768706
0.702662	0.974934	1.037193	0.966063	0.854764	0.740121	0.933147	0.783306	0.739761	0.807784

0.781135	0.759025	0.655857	0.841139	0.783326	0.833542	0.975361	0.90792	0.814487	0.854128
0.726434	0.771016	0.524576	0.7576	0.842382	0.870936	0.895946	1.073731	0.634731	0.675708
0.778278	0.812188	0.642518	0.733835	0.600926	0.751655	0.897221	0.709855	0.736254	0.854128
0.79374	0.825766	0.65019	0.847768	0.628517	0.619361	0.766914	0.863464	0.859613	0.861007
0.841531	0.994827	0.694608	0.723677	0.72368	0.656728	0.833218	0.861123	0.80212	0.711865
0.822199	0.695649	0.771122	0.7944	0.894184	0.771901	0.879701	1.023426	0.874959	0.775296
0.858326	0.701188	0.859481	0.889825	0.7063	0.836812	0.811718	0.826361	0.755899	1.131003
0.963755	1.064297	0.917935	0.869457	0.584684	0.971709	0.758482	0.875364	0.906087	1.068952
0.804699	0.803031	0.757397	0.768595	0.631238	0.70482	0.987767	0.960374	1.02741	0.848479
0.728122	0.581529	0.718646	0.886161	0.859356	0.769084	0.998921	0.716499	0.739761	0.865654
0.618779	0.614162	0.596011	0.660697	0.908161	0.77096	0.722016	0.617418	0.777434	0.940688
0.736664	0.7545	0.795992	0.715389	0.681852	0.701603	0.606582	0.783306	0.741524	0.84069
0.856049	0.680202	0.906359	0.883735	0.560246	0.707249	0.667566	0.748619	0.849298	0.639547
0.717263	0.771016	1.147977	0.915079	0.621119	0.931812	0.804437	0.872957	0.913902	0.726876
0.751583	0.803031	0.88049	0.749533	0.826045	0.731452	0.702825	0.723245	1.04305	0.834124
0.920836	0.791115	0.732882	0.680693	0.863997	0.803145	0.787248	0.765148	0.883452	1.110002
0.799684	0.636907	0.721953	0.629291	0.642999	0.778546	0.798293	0.868185	0.900954	0.771518
0.749801	0.73427	0.875733	0.660697	0.678034	0.874501	0.792234	0.868185	0.790095	0.783918
0.686225	0.90721	1.128495	0.961698	0.966094	0.892777	0.855837	0.768908	0.832632	0.705357
0.771682	1.133898	0.85046	0.901008	0.984172	0.885374	0.924902	1.09321	1.171875	0.827655
0.830685	1.263637	0.969062	0.746877	0.868688	0.95416	0.95012	1.091222	0.865451	1.003297
0.687764	0.934952	0.77392	0.717034	0.969055	1.15914	0.796264	0.895108	0.787141	0.849603
0.809774	0.698805	0.658718	0.735552	0.912052	0.654565	0.660105	1.023426	0.948069	0.674202
0.905298	0.795051	0.847125	1.013931	0.805178	0.762581	0.789236	0.778454	0.900954	0.717641
0.832833	0.96313	0.820285	0.840043	0.943104	0.982284	0.878476	0.831783	0.681377	1.059725
0.922156	1.284483	1.020368	0.854501	1.085986	0.970219	0.892142	0.832876	0.75773	0.975353
0.798687	0.803031	0.897563	0.943278	0.702263	0.707249	0.825571	0.901466	0.719975	0.883536
0.753372	0.576719	0.660155	0.886161	0.712017	0.626716	0.899782	1.244145	0.857299	0.897135
0.773557	0.676424	0.607977	0.853372	0.847966	0.776637	1.061297	0.929239	1.089705	0.897135
0.833911	0.78916	0.739746	0.918997	1.004645	1.101149	1.017048	0.755888	0.811362	0.801694
0.995443	0.898343	0.914042	0.778923	0.627162	0.79018	0.960336	0.951659	0.850432	1.272133
1.003341	0.714941	1.101813	0.887379	0.757928	0.983816	1.027264	1.115696	1.02741	1.224249
1.076054	0.751807	0.872198	1.118648	1.084046	1.06269	1.025544	0.830693	1.114014	0.887203
1.255513	1.112848	0.879296	1.044356	1.016082	0.942842	0.859334	0.700884	0.808259	0.920348
0.886626	0.967519	0.893848	0.729574	0.676517	0.775686	1.082292	0.818882	0.778395	1.107957
0.728969	0.747356	0.77392	0.712118	0.944506	0.923719	0.989343	0.934736	0.996133	0.975353
0.790799	0.733412	0.935221	0.836774	1.039902	0.853539	0.778417	1.103287	1.010668	0.621869
1.18712	1.055206	1.368117	1.035688	1.034687	0.892777	0.800331	0.813618	0.853852	0.82552
0.919519	1.167518	1.249808	0.8187	0.696672	1.265341	0.957393	0.81049	1.114014	1.153071
0.800682	1.002728	1.065547	0.834608	0.802133	1.205153	1.232681	1.270298	1.126699	1.068952
0.669648	0.744707	1.32611	1.190806	1.004645	0.822818	0.84438	1.829606	1.345072	0.804729
0.916899	0.883551	1.293964	1.042608	0.820734	0.82176	0.770714	1.049649	1.366893	1.211114
1.143177	1.174566	0.967598	0.736413	1.114103	1.228776	1.063164	0.990757	2.122514	1.103895
0.782092	1.201434	0.927157	0.803354	1.183714	1.356421	1.712131	1.70739	0.911282	0.845124
0.73926	0.771952	0.796977	0.966063	1.221874	0.865059	1.114766	1.632326	0.833723	0.89463
1.022904	1.010775	1.080449	0.850001	1.160017	1.068246	0.853522	1.033726	1.179076	1.091932
1.336727	1.167518	0.82447	0.937764	1.114132	1.501104	1.102302	1.750425	1.201662	1.533789

1.055803	1.151504	0.942057	0.98703	1.692032	1.554789	1.687808	1.27633	1.107808	1.224249
0.943845	2.312065	1.166304	1.667731	1.00951	0.744521	1.301438	1.715663	0.915219	1.038348
1.194483	1.201434	1.139211	1.181103	0.945912	0.831376	0.9115	1.431666	1.203979	1.539263
1.821192	1.030718	0.754703	0.924277	1.275587	1.200074	0.947245	1.04469	1.034291	1.449955
1.310084	1.098698	0.928491	0.99477	1.181285	1.560541	1.070715	1.055089	0.985155	1.124595
1.194483	1.538269	1.152428	1.155486	0.779468	1.302063	1.479022	0.926516	0.848166	1.441077
1.003341	1.096714	1.439894	1.010678	1.007882	0.872121	1.547531	1.840601	2.785612	1.51777
1.395486	0.845295	1.04411	0.985498	1.498802	1.318331	1.276321	1.70739	1.304466	1.066958
1.365114	1.260739	1.457594	1.096376	1.206205	1.234311	1.140821	1.00842	0.997724	1.218572
1.312926	1.216822	1.375531	1.479645	0.816531	1.262416	1.437222	1.378588	2.273428	1.428092
1.901549	1.186574	1.197153	1.194118	1.191082	1.101149	1.202298	1.237734	1.318534	1.181124
0.957973	1.167518	1.375531	1.195635	1.1926	1.146115	1.123632	1.25848	1.216987	2.160929
1.156579	1.321234	2.206071	0.920311	3.31434	1.844538	0.930381	0.984508	1.65167	1.281829
2.902054	1.629255	1.266936	0.924277	0.846844	1.292588	1.483925	1.164945	1.591385	1.34667
1.061233	0.782387	0.974967	1.216057	0.850221	1.398176	1.345382	1.414653	1.380662	1.293495
1.415607	1.123245	1.170702	1.385646	1.150889	1.435602	2.940251	1.238541	2.081972	1.561876
1.180833	2.224088	1.933272	1.254073	2.222193	3.435602	1.06504	1.359784	1.921914	1.846731
1.132411	1.30607	2.095018	1.259786	1.150889	3.435602	1.349331	1.397524	1.431088	1.082209
1.045142	1.044541	1.431307	1.308507	1.633373	1.337629	1.363959	1.562434	1.964057	1.27813
1.076054	1.144818	1.357229	1.343344	1.325926	1.679727	1.295008	1.378588	1.171027	1.131589
1.087345	1.237139	1.32946	1.148754	2.310409	1.081494	1.62891	1.063925	1.09215	1.125982
1.419745	1.458505	1.225302	1.213465	1.316583	1.199038	1.139586	1.168972	0.988263	1.120375
0.873426	0.436713	1.057881	1.748327	2.709002	1.197679	1.198359	2.586568	1.65167	1.48254
1.28498	0.902298	0.994526	1.117107	1.196319	1.192564	2.126038	2.069938	1.567105	2.184615
1.279084	2.422511	0.93117	1.176332	1.587835	1.200074	2.148224	1.264048	1.315037	1.453381
1.227919	1.445053	1.346606	0.933673	1.188203	1.25567	1.269569	1.290417	1.258528	1.339656
1.395486	1.094037	1.094008	2.358251	1.939092	1.283468	1.311265	2.317723	1.67378	0.95912
0.960156	1.09398	1.094023	1.779081	2.249655	1.367417	1.339341	1.444946	1.559363	2.023717
1.10798	2.25148	1.093922	1.619071	2.148906	2.356421	1.550551	1.759568	1.550003	1.495255
1.428142	1.268061	1.542082	1.465565	1.659002	1.733685	2.250401	1.540643	1.227682	1.824924
1.853829	1.348102	1.308082	1.667731	1.808368	1.650272	1.530735	1.535689	2.044894	1.261081
2.629726	1.224725	1.272726	1.290404	1.323248	1.035929	1.794526	1.607841	1.294479	1.374183
1.165815	2.466595	1.060087	1.237371	1.13665	1.315606	1.679994	1.053268	2.896436	1.334331
1.689399	1.634016	1.767014	1.022171	2.570403	1.311786	1.307965	1.227546	1.214354	1.678491
1.578634	3.881568	1.60766	1.594482	1.026131	1.521788	1.267756	1.605591	2.122514	1.412664
1.56101	1.142612	2.528898	1.581304	1.514164	0.513066	0.646933	0.613466	1.117895	1.610973
1.123927	1.127635	1.032077	1.054763	1.050612	0.780801	0.579999	0.6302	1.029801	2.362658
1.131342	1.125781	1.07745	1.04646	1.048536	2.113383	0.6804	0.941708	1.23588	1.379158
1.702694	1.322727	1.124302	1.122823	1.038157	1.043346	1.038778	1.036494	2.338175	1.214718
1.449875	1.329441	1.4531	1.022171	2.03145	2.037662	1.03421	2.051455	1.193557	1.091932
1.280024	1.243745	1.286593	1.742275	2.344303	2.156849	1.061297	1.183693	1.555393	1.20342
1.223067	1.233406	2.392924	2.437144	0.791145	1.087297	1.074297	1.568343	2.506653	1.500157
1.48708	1.195293	1.02702	0.872983	1.232643	1.058973	1.080797	1.501889	2.374569	2.040858
1.101272	1.167518	0.950001	0.988511	1.030649	1.643211	2.084803	1.284308	1.435434	0.962027
1.313326	1.290628	1.05876	1.023635	1.474348	1.037662	0.915478	0.940304	1.133183	1.50232
1.117552	1.174098	1.230644	0.903533	1.107923	2.231482	1.411435	0.849603	1.301248	1.217215
1.036454	1.309601	1.012194	0.997906	1.00951	1.596753	1.137435	1.001914	0.852709	1.063392

[illegible]

180	181	182	183	184	185	186	187	188	189
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0.354972
0.996472	1.055833	1.513623	1.672111	0.583821	0.875731	1.807821	0.500327	0.709944	1.160345
1.221089	0.81425	0.903407	1.229939	1.167642	2.464301	1.852266	1.305329	1.000653	0.919562
1.32543	1.034575	0.708214	0.971975	0.729515	0.868222	1.540375	1.205579	0.887656	1.131247
1.248433	1.900568	1.041291	0.765122	0.81929	0.702084	1.269218	2.32173	1.075336	1.135599
0.731568	0.917135	0.961784	0.911989	1.23554	0.882013	0.752445	1.213515	1.335933	0.999648
0.700911	1.137491	0.924223	0.837403	0.978563	0.743567	0.647269	0.871354	1.063848	1.345087
0.784453	0.713444	0.643575	0.780615	0.822555	0.781278	0.632208	0.808184	1.208211	1.139994
1.029279	0.787016	0.55312	0.780615	0.794024	0.910984	0.808963	0.886175	0.689802	0.694322
0.698518	0.762312	0.812092	0.832933	0.727755	0.708871	0.837407	0.827505	0.590319	0.796489
0.742874	0.907997	0.786119	0.771833	0.770147	0.557382	0.655372	0.653497	0.802189	0.920893
0.820844	0.777347	0.718879	0.654092	0.776976	0.720131	0.76662	0.838622	0.94406	0.706362
0.961574	0.668033	0.749859	0.805987	0.742944	0.779263	0.783265	0.692713	0.661965	0.663758
0.733288	0.656298	0.882332	0.756645	0.604056	0.779263	0.743246	0.658674	0.629505	0.893749
0.824019	0.894015	0.844128	0.690173	0.711386	0.711443	0.75059	0.84315	0.829953	0.694322
0.644009	0.688583	0.68226	0.805987	0.753994	0.857255	0.873951	0.586201	0.730808	0.660084
0.475677	0.631684	0.661394	0.762278	0.917383	0.820362	0.578566	0.544218	0.701129	0.631078
0.791295	0.833404	0.820407	0.676774	0.801242	0.874437	0.645085	0.683162	0.712758	0.681068
0.743756	0.769764	0.78034	0.615357	0.722519	0.686377	0.697499	0.746622	0.703595	0.656441
0.651797	0.623556	0.725575	0.465312	0.681177	0.701243	0.597019	0.653497	0.712758	0.624962
0.580775	0.655575	0.738415	0.624206	0.633424	0.496678	0.548483	0.668456	0.655276	0.613639
0.875852	0.796905	0.609344	0.654092	0.726878	0.546068	0.76662	0.842013	0.845673	0.647821
0.792281	0.936008	0.69074	0.669081	0.826945	0.712304	0.769511	0.775826	0.846817	0.962873

0.666326	0.878051	0.823566	0.640317	0.925613	0.708871	0.761843	0.808184	0.624666	0.744624
0.732427	0.738063	0.693082	0.63535	0.654414	0.598478	0.830675	0.817737	0.716139	1.089972
0.763628	0.519617	0.680736	1.025709	0.766292	0.778258	0.935982	1.008741	1.032858	0.901333
0.883093	0.816337	0.722214	1.087041	0.897467	1.029203	1.176065	0.920134	1.165584	0.945592
0.745525	0.800924	0.769007	1.246911	0.958689	0.973883	0.966846	0.851188	0.918985	0.80254
0.763628	1.019287	0.883544	0.843058	0.910643	0.62163	0.877657	0.819889	1.012242	0.847441
0.824019	0.792922	0.925558	0.828507	0.636259	0.868222	0.97144	0.810289	0.934136	0.959945
0.792281	0.778305	0.845238	0.765122	0.746596	0.884569	0.707443	0.656448	0.918985	0.683378
0.675283	0.6249	0.902139	0.932475	0.967749	0.981825	0.650198	0.783692	0.796027	0.557014
0.936093	0.819486	0.831029	0.965892	0.795048	0.791499	0.694235	0.643323	0.729932	0.615616
0.747302	1.176436	0.78709	0.64462	0.678033	1.0015	0.737819	0.750282	0.810545	0.754514
0.700112	0.785065	0.789038	0.782591	0.756801	0.836118	0.787275	0.845431	0.716988	0.649246
0.73071	0.665808	0.78034	0.800792	1.042485	0.850094	0.627302	0.805046	0.690601	0.640067
0.593705	0.658475	0.839718	0.624894	0.673361	0.683948	0.631504	0.85585	0.849116	0.793494
0.625463	0.710155	0.70418	0.623519	0.767252	0.739878	0.623831	0.916077	0.847965	0.741083
0.737619	0.755894	0.579418	0.5956	0.797103	0.904228	0.837407	0.80609	0.70031	0.669701
0.583208	0.709336	0.6923	0.736592	0.771116	0.625142	0.763748	0.83081	0.626043	0.630394
0.647532	0.790944	0.608699	0.556823	0.663405	0.610581	0.628698	0.657931	0.638635	0.735826
0.848039	0.694864	0.555395	0.604051	0.623643	0.598478	0.681416	0.706613	0.722981	0.703119
0.967445	0.567599	0.642877	0.669844	0.729515	0.697895	0.703272	0.665423	0.698676	0.773092
0.670782	0.635116	0.577615	0.696624	0.734837	0.879473	0.702443	0.523565	0.573501	0.831952
0.860566	0.701237	0.622448	0.67755	0.605379	0.625142	0.606216	0.591906	0.646514	0.609713
0.675283	0.654133	0.525123	0.574857	0.524615	0.593205	0.709123	0.558751	0.572281	0.57348
0.594957	0.632368	0.621783	0.562752	0.574694	0.517083	0.630801	0.482008	0.574113	0.744624
0.543587	0.622216	0.589166	0.553304	0.581537	0.614004	0.557885	0.500735	0.691402	0.787566
0.539707	0.60839	0.604211	0.571799	0.580285	0.601138	0.555515	0.534607	0.606493	0.498272
0.585042	0.634427	0.547487	0.541209	0.527374	0.776257	0.635747	0.664668	0.675661	0.515757
0.496655	0.593736	0.612583	0.606685	0.573461	0.710584	0.744157	0.539669	0.54341	0.555861
0.538604	0.554811	0.519839	0.602086	0.540295	0.62233	0.518718	0.566504	0.605177	0.727201
0.714728	0.803963	0.495333	0.530548	0.612727	0.620931	0.554335	0.526299	0.629505	0.684151
0.736749	0.696448	0.6004	0.60274	0.542009	0.701243	0.708282	0.67536	0.607814	0.640067
0.571769	0.601958	0.614538	0.585419	0.609372	0.708016	0.668965	0.709949	0.665726	0.680301
0.639124	0.699635	0.671702	0.696624	0.664163	0.541974	0.595073	0.724422	0.595429	0.593723
0.783485	0.715097	0.658493	0.643181	0.549515	0.536765	0.728041	0.757695	0.832165	0.7925
0.578355	0.694074	0.649198	0.732161	0.628506	0.684756	0.694235	0.595751	0.676434	0.588728
0.623451	0.774488	0.724732	0.676774	0.77306	0.655815	0.656116	0.634085	0.556723	0.660816
0.628161	0.59186	0.674693	0.684605	0.605379	0.674366	0.780281	0.634085	0.632994	0.778824
0.739364	0.602597	0.597879	0.666041	0.642708	0.645348	0.61156	0.564703	0.711917	0.703119
0.473776	0.549686	0.623114	0.868849	0.747514	0.809447	0.650933	0.747534	0.914943	0.727201
0.909431	0.697243	0.702577	0.838528	0.752133	0.684756	0.702443	0.709113	0.736107	0.927614
0.833685	0.9543	0.897102	0.694193	0.678817	0.668094	0.818599	0.663162	0.695428	0.809709
0.667806	0.754078	0.772752	0.648239	0.814976	0.663448	0.650933	0.959942	0.955687	0.634513
0.616809	0.66729	0.81727	0.699886	0.963195	0.827045	0.623831	0.809236	0.838866	0.656441
0.724753	0.698836	0.769007	0.81979	0.754928	0.873186	0.665146	0.657931	0.788946	0.875349
0.884311	0.913195	0.736681	0.625583	0.825843	0.996497	0.866634	0.723557	0.771251	0.730631
0.638431	0.754985	0.779384	0.622148	0.700531	0.761531	0.857066	0.686322	0.610467	0.681837
0.593705	0.653414	0.84635	0.729524	0.727755	0.642403	0.75806	0.951099	0.701129	0.691167

0.718877	0.726004	1.036088	1.054366	0.831381	0.751984	0.698319	0.816665	0.882647	0.689598
1.077909	0.791932	0.806975	0.89885	0.877183	0.753876	0.664387	0.756761	0.846817	0.683378
1.099396	0.869692	0.64708	0.760392	0.749356	0.781278	0.67827	0.765237	0.615821	0.643574
0.67453	0.766022	0.903407	0.906686	0.637684	0.761531	1.020266	0.826409	0.565031	0.631763
0.700911	0.835585	0.786119	0.728649	0.759627	0.694573	0.783265	0.85468	0.802189	0.684151
0.929272	0.821599	0.624448	0.807033	0.804373	0.748223	0.760894	1.025729	1.045352	0.797491
1.009299	0.948589	0.711468	0.767029	0.800204	0.887139	0.788284	0.796787	0.765509	0.881396
0.831519	0.863818	0.899613	0.871271	0.617469	0.800909	1.054294	0.691106	0.892723	0.933067
0.984013	0.979445	0.97807	0.964384	0.776976	0.85366	0.785265	0.726157	0.823387	0.628349
0.78835	0.806001	0.727265	0.716574	0.704674	0.745423	0.873951	0.878701	0.816918	0.730631
0.810426	0.676288	0.634589	0.714876	0.878423	0.777256	0.819683	0.822051	0.89785	0.923569
0.760864	0.720936	0.722214	0.716574	0.874713	0.988285	0.711655	0.767143	0.808441	0.765565
0.854827	0.977925	0.969111	0.611333	0.685138	0.942026	1.10356	0.892502	0.690601	0.637281
0.984013	0.850037	0.811064	0.679889	0.622263	0.967632	1.239687	0.92698	0.665726	0.600686
0.623451	0.762312	0.908519	0.824127	0.699707	0.785338	0.70577	0.811345	0.737887	0.699899
0.704123	0.680858	0.754342	0.810187	0.846118	0.694573	0.718479	1.01041	0.938361	0.838523
0.950064	1.006136	0.751647	0.855762	0.810704	0.680731	0.787275	0.876238	0.854917	1.017603
0.708171	0.846659	0.881123	0.694193	0.871034	0.796702	1.191118	0.900219	0.681889	0.890006
0.732427	1.002909	1.08921	0.729524	1.068628	0.821468	0.792342	0.92698	0.740572	0.780752
0.905569	0.963009	0.803934	0.884842	0.81605	0.683948	0.649464	0.942433	0.880164	0.809709
1.312155	0.970403	0.730666	0.952508	0.807527	0.786359	0.7985	0.901519	1.140076	0.993299
0.740238	0.878051	0.764371	0.836281	1.006003	1.159586	0.848863	0.68159	0.74147	0.990158
0.78835	1.026015	0.897102	1.075226	0.945445	0.796702	0.930344	0.690305	0.648688	0.976302
0.852552	0.773539	0.9489	1.190204	0.778947	0.610581	0.864222	0.920134	0.806347	0.924913
0.830439	0.703651	0.981097	1.1138	0.776976	0.946437	0.825145	0.824225	1.054501	0.743736
0.860566	0.797906	0.728113	0.967405	0.925613	0.993194	0.736921	0.75583	0.917633	0.732355
1.210616	0.834493	0.767147	1.048847	0.851922	0.869458	0.746902	0.860562	0.928565	0.962873
0.906853	0.61099	0.732376	0.7115	0.733056	0.716635	0.864222	0.736714	1.000653	0.944182
0.699314	0.900314	0.802925	0.648966	0.817128	0.876948	0.91792	0.83081	0.870372	0.867023
0.773916	0.803963	0.769007	0.752929	0.896171	0.980225	0.839674	1.025729	0.888917	0.707993
0.887988	0.733718	0.956011	0.976595	1.102647	1.129289	0.709123	0.68159	0.771251	0.648533
1.007675	0.917135	0.914993	0.871271	0.753063	0.787382	0.671273	0.722694	0.981479	0.739324
0.661186	0.934633	0.716394	0.738377	0.763423	0.891023	0.75806	0.767143	0.671813	0.602604
0.583819	0.818434	0.70418	0.681456	0.914675	0.738961	0.761843	0.938164	0.656014	0.693531
0.763628	0.878051	0.793947	0.889884	1.001033	0.718379	0.620388	0.722694	0.712758	0.737571
0.987094	1.012662	1.172747	0.864044	0.74568	0.688004	0.62245	0.839749	0.688208	0.823344
0.820844	0.720936	0.725575	0.756645	0.857805	0.906918	0.900579	1.027465	0.776094	0.766499
0.73849	0.659202	0.755244	0.841921	0.824744	0.913716	1.091216	0.767143	0.703595	0.769312
0.85142	1.015962	0.890887	0.956923	0.869815	0.727208	0.813219	0.657931	0.770289	0.865846
0.929272	0.913195	0.828883	0.817637	0.818208	0.573357	0.832908	0.810289	0.918985	0.7925
0.793269	0.611642	0.679976	0.836281	0.795048	0.620234	0.996796	0.992393	0.814784	0.714578
0.709801	0.689363	0.801918	0.727775	0.770147	0.845386	0.854706	0.631282	0.780992	0.82441
1.030987	0.876847	0.851956	0.686189	0.64343	0.768341	0.64147	0.659419	0.662715	0.803557
0.945825	1.208768	0.884759	0.652622	0.62572	0.738961	0.695864	0.888695	0.805304	0.597507
0.645414	0.648411	0.688411	0.81979	0.730397	0.929058	0.92065	0.958456	0.866757	0.617602
0.712258	0.774488	0.751647	0.832933	0.925613	0.929058	0.832908	0.663162	0.946938	0.737571
0.736749	1.09574	0.930938	0.630439	0.851922	0.732593	0.760894	0.839749	0.964616	0.786586

0.745525	0.677806	0.742781	0.662272	0.767252	0.635127	0.861823	1.075222	0.737887	0.796489
0.669291	0.739814	1.066435	0.757578	0.798134	0.682336	0.685382	0.7167	0.612467	0.681068
0.761783	0.724308	0.935018	0.888618	0.760573	0.706313	0.62314	0.822051	0.650873	0.699899
0.786397	1.159975	0.772752	0.992357	0.916027	0.883289	0.80685	0.924228	1.180156	0.801526
0.987094	0.884121	0.661394	0.792609	0.857805	0.878208	0.812151	0.674587	0.854917	0.930332
0.792281	0.897784	0.629827	0.744684	1.006003	0.824806	0.905841	0.732284	0.633695	0.729771
0.741115	1.039793	0.861078	0.797705	0.892306	0.674366	0.880145	0.943865	0.795008	0.760004
0.800252	0.830152	0.825685	0.918711	0.714781	0.626554	0.762794	0.943865	0.844531	1.026017
0.731568	0.661393	0.679976	1.039801	0.737522	0.65055	0.610218	0.699199	0.895279	0.853109
0.864046	0.706891	0.653463	0.926917	0.917383	1.018606	0.827348	0.688708	0.964616	0.786586
1.068483	0.941555	0.728113	0.756645	0.838121	0.806225	0.977641	0.728772	0.773182	0.828704
0.793269	0.818434	0.936386	0.61267	0.546035	0.741719	0.882647	0.746622	0.997398	0.847441
0.810426	0.631684	0.746306	0.639604	0.569784	0.75104	0.775352	0.924228	0.843392	0.707993
0.677551	0.622216	0.864549	0.636763	0.768215	1.004868	0.663628	0.857023	0.81799	0.597507
0.713903	0.707704	0.868048	0.726903	0.869815	0.870697	0.683791	0.612818	0.658979	0.748194
0.838051	0.998114	0.828883	0.623519	0.71308	0.880741	0.70577	0.713312	0.864363	1.095919
0.719712	0.901585	0.755244	0.715724	0.849591	0.88843	0.796438	0.732284	0.716139	0.603888
0.692984	0.740692	0.6923	0.826311	0.988051	0.686377	1.081192	1.061839	0.736107	0.675726
0.796248	0.764163	0.707404	0.591754	0.742036	0.603145	0.791324	0.93114	1.010567	0.893749
0.906853	0.855726	0.757054	0.695002	0.727755	0.680731	0.645812	1.025729	0.805304	0.867023
0.87705	0.922444	0.728962	0.862851	0.811768	0.821468	0.680627	0.916077	0.718692	0.87415
0.791295	0.752269	0.779384	0.826311	0.892306	0.810526	0.867845	0.686322	0.66047	0.815949
0.900473	1.130966	0.926897	0.935281	0.730397	0.680731	0.777317	0.697568	0.724708	0.781719
0.749086	0.832317	0.785151	0.908006	0.764377	0.605834	0.877657	1.083058	0.95129	0.691167
0.899208	0.751367	0.6923	0.917358	1.028224	0.721009	0.872723	0.887433	0.843392	0.771198
0.810426	0.669522	0.717221	0.815496	0.640548	0.709726	0.969903	0.660165	1.024149	0.841846
1.004444	0.851169	0.866878	0.733928	0.583422	0.682336	0.867845	0.838622	0.942628	0.778824
0.826149	0.811138	0.68226	0.874931	0.755864	0.828169	1.045078	0.968969	1.007237	0.714578
0.809398	0.67933	0.769007	0.911989	0.978563	0.874437	0.873951	0.753973	0.917633	0.869385
0.802268	1.002909	0.853086	0.690974	1.037082	0.956905	0.637171	0.845431	1.568907	0.954147
0.814563	1.002909	0.884759	0.696624	0.738421	0.760566	0.676705	0.860562	0.938361	0.688816
1.057435	0.800924	0.757962	0.719133	0.71308	1.043746	0.892803	0.921494	0.74237	0.804576
0.750877	0.885346	1.027551	0.648239	0.920109	1.030994	0.794385	0.756761	0.575338	0.734955
0.749086	0.887805	0.982619	0.893704	0.924231	0.708871	0.726287	0.896344	0.800126	0.784633
1.012566	1.083959	0.810038	0.948137	1.042485	0.797749	0.91251	0.85585	1.045352	1.146672
1.017513	0.773539	0.640097	0.683816	0.927	0.799853	0.85825	0.913393	0.749642	0.915591
0.655384	0.829074	0.760697	0.718278	0.931188	0.884569	1.275373	0.908076	0.707736	0.779787
0.669291	0.873255	0.908519	0.726033	0.685138	0.715765	0.757119	0.979743	0.814784	0.728056
0.880666	0.987126	0.712285	0.883591	0.756801	0.656572	0.642912	0.83081	0.778047	0.699098
0.774863	0.842196	0.782258	0.777668	0.892306	0.934774	0.799535	0.745712	0.757037	0.786586
0.624791	0.998114	0.681498	0.796681	1.014416	0.991551	0.731571	0.772912	0.689802	0.747299
0.89669	0.896524	0.82251	0.843058	0.811768	0.698729	0.713351	0.743897	0.731687	0.808677
1.141413	0.669522	0.905956	0.975049	0.791983	0.695401	0.919283	0.943865	0.684248	0.646401
0.947234	0.810106	0.718049	0.868849	0.619517	0.86088	0.721066	0.776801	0.994167	0.657167
1.001238	0.731992	0.722214	0.90275	0.910643	0.96454	0.754309	0.786679	0.831058	0.657895
1.057435	0.810106	0.688411	0.719989	0.834738	0.767361	0.730686	0.74119	1.017305	0.834131
0.866382	0.725155	0.710652	0.591754	0.847273	0.879473	0.968372	0.835257	1.060085	0.863502

0.785424	0.81425	0.854218	0.687778	0.81605	0.756731	1.01343	1.045217	0.886398	0.71624
0.720548	0.677047	0.841917	0.91601	1.040677	0.806225	0.92065	0.901519	0.837742	0.853109
0.73849	0.765092	0.979581	0.840787	0.869815	0.803028	0.702443	0.93675	0.923065	0.692742
0.711438	0.864986	0.9163	0.692581	1.002684	0.998159	0.780281	0.909399	0.881404	0.682607
0.736749	0.940162	0.845238	0.59948	0.824744	0.863313	0.948942	0.844289	0.769329	0.726348
0.770147	0.812173	0.835351	0.837403	0.839254	0.597815	0.79541	0.800897	0.724708	0.785608
0.789329	0.806001	0.832105	0.735702	0.707179	0.616071	0.672818	0.829706	0.973732	0.883839
0.862883	0.748674	0.734093	0.743777	0.905324	0.702084	0.895379	1.099169	0.743273	0.751794
0.910726	0.914504	0.656331	0.812303	1.179901	0.830425	0.845394	0.871354	0.718692	1.004472
0.729	0.809076	0.800914	0.851099	0.751205	0.67993	1.10356	0.813466	0.864363	0.944182
0.736749	1.022638	1.04304	0.886097	0.779936	0.629393	0.791324	0.79373	0.955687	0.691954
0.809398	0.95001	0.82251	0.828507	0.749356	0.564069	0.732458	0.733166	0.81799	0.797491
0.897947	0.666549	0.747191	0.888618	0.955711	0.778258	0.807905	0.671511	0.726442	0.798496
0.822958	0.737191	0.815192	0.909329	0.897467	1.088494	0.91251	0.747534	0.99096	1.093928
0.987094	0.963009	0.856493	0.872488	0.668737	0.709726	0.749665	0.87379	0.798071	0.728913
0.787372	0.761389	0.76994	0.830714	0.727755	0.720131	0.876418	0.845431	0.887656	0.655716
0.783485	0.654133	0.833185	0.931079	0.783915	0.796702	0.787275	0.659419	0.864363	0.707993
0.849163	0.784093	0.625787	0.703172	0.907975	0.768341	0.660608	0.847725	1.0734	0.911656
1.087544	1.126671	0.973567	0.720848	0.838121	0.706313	0.734238	0.84088	0.920341	1.211903
1.052015	0.90929	0.990309	0.683028	1.10057	0.904228	0.883904	0.917425	0.689004	0.773092
0.588116	0.73632	1.121563	0.786571	0.938258	1.072401	0.762794	0.799866	0.790957	0.744624
0.619453	0.757718	0.811064	0.797705	0.849591	0.708871	0.725412	1.144544	0.936948	0.800514
0.659728	0.779264	0.810038	0.825218	0.84843	0.614692	0.737819	0.933936	1.149179	0.813859
0.918578	0.965952	0.770876	0.732161	0.958689	0.876948	0.895379	0.740291	0.724708	0.911656
0.748193	0.784093	0.84635	0.811244	1.162833	0.933338	0.75806	0.699199	0.736996	0.830867
0.755388	0.861491	0.805959	0.74197	0.806473	0.697062	0.706606	0.667696	0.667999	0.927614
1.137024	1.068732	0.74103	0.997199	0.627111	0.668094	0.872723	0.801931	0.701949	0.831952
0.955781	0.921111	0.70098	0.752005	0.665682	0.681533	0.704103	1.020563	0.966122	0.841846
0.808372	0.803963	0.74454	1.052519	1.053497	0.922017	0.855884	0.753973	0.867959	0.706362
0.976404	0.923781	0.824624	0.861662	0.84153	0.784319	0.839674	0.715003	0.896562	0.861171
0.772027	0.785065	0.926897	0.825218	0.596852	0.864535	0.980776	0.824225	0.838866	0.853109
0.783485	0.735451	0.741905	0.781602	0.822555	0.745423	0.782268	0.908076	0.856087	0.621601
0.841355	0.810106	0.713924	0.918711	0.973895	0.873186	0.604229	0.847725	0.970672	0.706362
1.079819	0.923781	0.92824	0.900146	0.68994	0.756731	0.701615	0.734051	0.929951	0.935819
0.884311	1.034575	1.079575	0.753855	0.738421	0.934774	0.870277	0.807136	1.00229	0.717909
0.685199	0.67933	0.771813	0.761334	0.782917	0.981825	0.98552	0.976638	0.770289	0.618266
0.700911	0.724308	0.723891	0.782591	0.977001	0.735311	0.882647	0.857023	0.66952	0.754514
0.718044	0.797906	1.111191	0.79566	0.917383	0.778258	0.826245	0.638325	0.729057	0.752699
0.787372	0.934633	0.902139	0.718278	1.15104	0.799853	0.709965	0.93675	0.705246	0.887529
0.700112	1.111962	0.826749	0.67291	0.791983	0.833832	0.787275	0.879938	0.684248	0.753605
0.832601	0.818434	0.713924	0.844197	0.692362	0.768341	0.97453	0.766189	0.792978	0.907756
0.814563	0.90929	0.899613	0.796681	0.64779	0.53619	0.713351	0.652762	0.719546	0.801526
0.810426	0.925123	0.746306	0.683816	0.650722	0.663448	0.979206	1.01041	0.877696	0.829784
0.994895	0.864986	0.651325	0.79566	0.83699	0.616071	0.747821	0.973554	0.978364	0.829784
0.944422	0.855726	0.855354	0.861662	0.795048	0.898898	0.826245	0.647654	0.839993	1.020949
0.860566	1.061315	0.909806	0.789579	0.65739	0.942026	0.770479	0.639747	0.736996	0.795488
0.705738	0.723462	0.76253	0.812303	0.700531	0.917847	0.808963	0.893779	1.081196	0.741083

0.78835	0.648411	0.8872	0.962882	0.744766	0.827045	0.864222	0.982871	0.874019	0.756336
0.713903	0.632368	0.713924	0.858112	0.897467	0.970746	0.642912	0.598982	0.757037	0.675726
0.754482	0.841087	0.697013	0.587942	0.692362	0.822578	0.658356	0.775826	0.967634	0.785608
0.795253	0.775439	0.911097	0.591754	0.703842	0.724541	0.901888	1.022278	0.81585	0.864672
0.629517	0.750468	0.979581	0.767986	0.813904	0.862095	0.928946	0.819889	0.729932	0.743736
0.628161	0.673268	0.649198	0.641747	0.772087	0.701243	0.649464	0.774852	0.706075	0.706362
0.922557	0.938773	0.686865	0.736592	0.698064	0.625142	0.681416	0.732284	0.66952	0.611018
0.990198	0.887805	0.707404	0.660773	0.746596	0.769322	0.711655	0.824225	0.771251	0.876552
0.691416	0.918456	0.613233	0.707316	0.909307	0.85366	0.907167	0.886175	0.703595	0.791509
0.778674	0.830152	0.84635	0.743777	0.784915	0.831558	0.788284	0.910726	0.749642	0.767434
0.729	0.710155	0.575818	0.932475	0.914675	0.803028	0.734238	1.081086	0.916286	0.758166
0.83915	0.738063	0.73152	0.901446	0.967749	0.922017	0.876418	0.859379	0.882647	0.746406
0.722225	0.862653	0.688411	0.997199	1.022994	0.777256	0.799535	0.612818	0.681106	0.710451
0.757206	0.987126	0.631862	0.7115	0.777961	0.685566	0.768545	0.703302	0.806347	0.980872
0.884311	0.855726	0.975063	0.876157	0.568565	0.811608	0.82186	0.938164	0.867959	0.954147
0.759031	0.649122	0.777479	0.781602	0.651458	0.683948	0.624523	0.74119	0.9722	0.682607
0.862883	0.723462	0.78709	0.888618	0.824744	0.85846	0.746902	0.879938	1.146886	0.756336
1.001238	0.782155	0.858779	1.012059	0.925613	0.86699	0.876418	1.113774	1.027611	0.831952
0.779632	0.729415	0.885978	0.828507	0.789952	0.991551	1.059919	0.781712	1.015611	0.893749
0.681358	0.786039	0.958888	0.651888	0.789952	0.795656	0.872723	1.018854	0.934136	0.705549
0.672277	0.740692	0.722214	0.666041	0.955711	0.695401	0.675925	0.807136	0.770289	0.618931
0.845799	0.755894	0.863389	0.798732	0.861373	0.865761	0.734238	0.613488	0.639346	0.851969
0.964499	1.089809	0.841917	0.633941	0.888476	0.927641	0.693422	0.713312	0.824475	1.288692
0.754482	1.048631	0.791977	0.747415	0.949815	0.85366	0.709123	0.831918	0.762667	0.799504
0.757206	0.862653	0.835351	0.848786	0.917383	0.664991	0.877657	0.877468	0.750559	0.768372
0.706547	0.901585	0.932294	0.851099	0.823648	0.620931	0.799535	0.87257	0.790957	0.872954
0.690634	0.765092	0.757054	0.657791	0.916027	0.680731	0.767582	0.905441	0.832165	0.875349
0.673027	0.692498	0.686094	0.715724	0.984865	0.786359	0.853531	0.948191	0.819064	0.861171
0.673777	0.625574	0.873942	0.921429	0.84153	0.710584	1.03964	0.785681	0.829953	1.076406
0.73071	1.097735	0.990309	1.083067	1.066708	0.850094	0.869059	0.870142	0.732567	0.807648
0.806328	1.011021	0.903407	0.904058	1.113181	0.771292	1.046905	0.871354	0.856087	0.798496
1.234546	0.794909	0.838622	0.872488	1.146411	0.697895	0.838539	0.932536	0.806347	0.723799
0.913327	0.769764	0.969111	0.920068	0.705507	0.678333	0.595073	0.666937	0.711078	0.668207
0.824019	1.137491	1.025864	0.961384	0.685935	0.770306	0.645085	0.663162	0.867959	0.888766
0.984013	1.065008	0.843021	0.834046	0.689136	0.822578	0.960796	0.992393	0.984616	0.753605
0.757206	0.726854	0.766219	0.995579	0.84843	0.953888	1.140568	1.061839	0.963115	0.755424
0.880666	0.873255	0.761613	0.873707	0.814976	0.908269	0.620388	0.643323	0.7524	0.752699
0.816647	0.698039	0.834267	0.606685	0.699707	0.889725	0.791324	0.746622	0.730808	0.901333
0.990198	0.766022	0.662122	0.585419	0.612054	0.718379	0.887695	1.08903	0.961619	0.82548
0.677551	0.637188	0.695436	0.737484	0.704674	0.836118	0.844244	0.87379	0.89785	0.714578
0.622114	0.730272	0.740156	1.029189	0.846118	0.692098	0.61156	0.813466	0.925806	0.71375
0.692984	0.829074	0.920244	0.817637	1.070557	0.917847	0.706606	0.722694	0.903038	0.774994
0.941628	0.852304	0.78322	0.675224	0.961688	0.885852	0.901888	0.909399	0.66952	0.752699
0.993323	0.783123	0.912392	0.612001	0.905324	0.956905	0.930344	0.952561	0.831058	0.811779
0.667066	0.803963	1.034367	0.732161	0.76918	0.773271	0.784264	0.958456	0.819064	0.781719
0.637047	0.818434	0.794935	0.813365	0.961688	0.649057	0.767582	1.099169	1.047166	0.847441
0.773916	0.879258	0.679976	0.797705	0.821464	0.715765	0.715053	0.752123	0.895279	0.893749

0.826149	0.781189	0.756149	0.707316	0.896171	0.82369	0.844244	0.813466	0.729057	0.769312
0.747302	0.998114	0.76345	0.830714	1.05911	0.832694	0.682998	0.79373	0.772215	0.759084
0.76641	0.901585	1.107111	1.208296	0.964708	0.715765	0.77145	0.844289	0.802189	1.020949
0.90814	1.009386	0.909806	1.087041	0.904005	0.868222	0.75059	0.769058	0.856087	0.930332
0.881878	0.863818	0.648491	0.816565	0.743854	0.896257	0.82186	0.623665	0.82122	0.858852
0.799248	1.278651	0.69465	0.812303	0.984865	0.811608	0.780281	0.636907	0.661217	0.782688
0.790311	1.057653	0.725575	0.763224	0.717345	0.627971	0.77145	0.744804	0.72212	0.867023
0.9199	0.770705	0.784184	1.043397	0.742944	0.686377	0.882647	0.878701	0.853751	0.786586
1.039625	0.797906	0.758872	0.851099	0.97235	0.75104	0.695049	0.747534	1.252554	0.623614
0.886759	0.895267	0.960334	0.943809	0.896171	0.804091	0.584841	0.678464	0.825565	0.644279
1.117802	1.054021	0.984146	1.197866	0.847273	0.777256	0.637884	0.725289	0.934136	0.749991
0.985551	1.05948	1.125782	0.745592	0.683549	0.919233	0.91792	0.900219	1.13116	0.857698
0.749086	0.859176	0.920244	0.692581	0.668737	0.729892	0.767582	0.767143	0.920341	0.815949
0.728147	0.665069	0.979581	0.837403	0.978563	0.833832	0.675925	0.989196	0.803225	0.773092
0.763628	0.71427	0.92824	0.921429	1.135049	0.978631	0.796438	0.835257	0.863171	1.027719
0.87705	0.812173	0.827815	0.750163	0.883421	1.084414	0.822952	0.851188	0.975271	1.022632
0.668548	0.789959	0.685325	0.661522	0.878423	0.967632	0.97453	0.691106	0.656754	0.632449
0.628161	0.610338	0.840816	0.807033	1.123978	0.933338	0.903202	0.973554	0.744177	0.712097
0.809398	0.67933	0.84635	0.767029	0.913326	0.819258	0.612907	0.862937	0.739675	0.808677
1.014209	0.767889	0.779384	0.738377	0.829158	0.795656	0.650198	0.90413	0.82122	0.982406
0.781554	1.052217	0.862232	0.638181	0.909307	1.040064	0.843097	0.809236	0.78995	0.754514
0.689074	0.896524	0.84635	0.7115	0.82805	0.777256	0.863021	0.902822	0.670283	0.71624
0.627485	0.919781	1.109146	0.826311	0.739322	0.635127	0.7985	0.881178	0.858435	0.728056
0.765481	0.745108	0.838622	0.670609	0.726003	0.717506	0.783265	1.156084	0.927183	0.970282
1.122001	0.990237	0.621119	0.725164	1.00434	0.869458	0.828455	1.032715	0.939779	0.919562
0.883093	1.022638	0.90468	1.012059	1.082315	0.756731	0.876418	0.702478	0.637926	0.851969
0.670036	0.899047	1.103069	0.981263	1.057231	0.727208	0.965325	0.729648	0.751479	0.776905
0.792281	0.973396	0.972077	0.870058	0.77306	0.804091	0.82186	0.989196	0.958643	0.864672
0.817693	0.827998	0.615846	0.73128	0.997751	0.812693	0.857066	1.050687	0.934136	0.666719
0.792281	0.750468	0.631183	0.763224	0.957197	0.831558	0.870277	0.709113	0.712758	0.779787
0.596842	0.773539	0.74103	0.818712	0.756801	0.827045	0.927552	0.768099	0.9217	0.90006
0.759947	1.063157	0.841917	0.828507	0.771116	0.680731	0.788284	0.958456	0.913604	0.856546
0.786397	0.769764	0.652037	0.811244	0.785918	0.718379	1.083178	0.908076	0.826658	0.849699
0.960118	0.692498	0.63596	0.876157	0.910643	0.822578	0.824047	0.642606	0.70442	0.815949
0.816647	0.743336	0.669472	0.802863	0.71393	0.757687	0.927552	0.649108	0.790957	0.994877
0.874657	0.867333	0.662122	0.910657	0.784915	0.725428	0.721932	0.734937	0.886398	0.736697
0.963034	0.951435	1.060923	0.86524	0.803327	0.65355	0.834028	0.997233	0.927183	0.672703
1.171081	0.778305	0.878717	1.010383	0.99126	0.67993	0.837407	0.943865	0.874019	0.645692
0.842462	0.79891	0.892123	0.985983	0.929787	1.038235	0.828455	0.750282	0.986193	0.819102
0.996472	0.982501	0.913691	0.952508	0.779936	0.929058	0.742337	0.700016	0.81372	0.635895
0.805309	0.895267	0.789038	0.873707	0.661894	0.797749	0.744157	0.765237	0.820141	0.601324
0.747302	0.598144	0.71971	0.910657	0.759627	0.865761	0.901888	0.666179	0.812659	0.842959
0.67831	0.731131	0.82251	0.881099	0.741129	0.760566	0.617652	0.742993	0.925806	0.877758
0.723066	0.97641	0.99499	0.701526	1.046125	0.909625	0.776333	0.891229	0.900436	0.803557
0.914634	0.987126	0.875131	0.837403	0.652933	0.977042	1.030727	1.041608	0.849116	0.833041
0.720548	0.804981	1.168049	1.023979	0.762471	0.83957	1.058036	0.847725	0.905655	0.705549
0.707359	0.763236	0.9489	0.798732	0.811768	0.716635	0.68858	0.778759	0.775121	0.726348

0.746413	0.940162	0.826749	0.606025	0.789952	0.988285	0.674369	0.838622	1.017305	0.864672
0.827217	0.913195	0.859927	0.828507	1.014416	0.969186	0.82077	1.047033	0.801156	0.750891
0.801259	0.706078	1.170391	0.889884	0.811768	0.880741	0.860629	1.05809	0.718692	0.804576
0.710619	0.75955	1.044795	1.034463	0.948353	0.757687	0.808963	0.85468	0.825565	0.707993
0.776765	0.901585	0.863389	0.821953	1.213496	0.676742	0.696681	0.925602	0.913604	0.772144
1.002838	1.048631	0.970591	0.839656	0.879667	0.776257	0.725412	0.745712	0.798071	1.129087
0.760864	0.733718	0.772752	0.715724	1.064796	0.958421	0.935982	0.723557	0.619202	0.783659
0.944422	0.917135	0.907235	0.864044	0.894879	0.972312	0.769511	0.767143	0.609138	0.747299
0.85029	0.790944	0.814156	0.978145	0.763423	0.662679	0.788284	0.901519	0.841123	0.883839
0.831519	0.808049	0.724732	0.721708	0.706342	0.643137	0.850025	1.043409	1.163202	1.012632
0.715555	0.872064	0.686865	0.648966	0.904005	0.791499	1.061811	0.913393	0.820141	0.749092
0.76641	0.960087	0.868048	0.829609	1.139558	0.944962	0.869059	0.79373	0.747812	0.740203
0.945825	0.850037	0.840816	1.023979	0.742944	0.738045	0.869059	0.83081	0.846817	0.881396
1.061087	0.723462	0.660667	0.770868	0.671814	0.721889	0.780281	0.848876	1.031102	0.838523
0.849163	0.808049	0.734093	0.897558	0.793002	0.81378	0.817518	0.684739	0.825565	0.785608
0.984013	1.07438	0.859927	0.965892	0.961688	0.844216	0.846547	0.756761	0.896562	0.868202
0.825083	0.753172	0.926897	0.782591	0.618151	0.680731	0.97453	0.820969	1.052656	1.048687
0.879457	0.758633	0.697804	0.741069	0.703842	0.776257	0.900579	1.054373	0.905655	0.804576
0.828289	0.809076	0.715569	0.9283	0.943998	0.841887	0.752445	0.846577	1.005582	0.756336
0.938851	0.918456	0.773693	0.851099	0.811768	0.727208	0.661361	0.739394	0.948384	0.890006
0.845799	0.89152	0.998138	0.788574	0.606706	0.66654	0.728921	0.674587	0.999022	1.061403
0.826149	0.680858	0.727265	0.767029	0.672587	0.732593	0.744157	0.810289	0.859614	0.760004
0.829363	0.614919	0.691519	0.702348	0.820376	0.896257	0.643636	0.829706	1.058216	0.612982
0.749981	0.645578	0.759784	0.909329	0.804373	0.788408	0.676705	0.723557	0.827754	0.665977
0.835863	0.797906	0.804945	0.660773	0.598153	0.763465	0.607546	0.598334	1.00229	0.857698
0.784453	0.880469	0.8872	0.654092	0.642708	0.854855	0.817518	0.671511	0.858435	0.935819
0.759947	0.890278	0.939136	0.738377	0.77306	0.804091	0.796438	0.978188	0.892723	0.612982
0.816647	0.787995	1.081485	0.797705	0.729515	0.693746	0.722799	0.862937	0.770289	0.671199
0.917259	0.778305	0.866878	0.755713	0.703012	0.773271	0.668199	0.722694	0.771251	0.648533
0.61418	0.649835	0.722214	0.736592	0.736625	1.004868	0.830675	0.7167	0.802189	0.779787
0.58199	0.847782	0.755244	0.685396	0.856622	0.676742	0.916561	0.913393	0.581517	0.770254
0.729854	0.751367	0.831029	0.719989	0.996119	0.566526	0.692612	0.820969	0.720402	0.785608
1.115718	0.878051	0.86922	0.828507	0.761521	0.691276	0.61156	0.925602	0.782967	0.801526
0.798245	0.970403	0.730666	0.57302	0.858991	0.820362	0.626606	0.912058	1.063848	0.803557
0.756296	0.870876	0.660667	0.521226	0.843818	0.96454	0.713351	0.909399	0.784951	0.796489
0.692984	0.881683	0.705789	0.754783	0.825843	0.674366	0.722799	0.749364	0.671047	0.810742
0.737619	1.022638	1.105085	0.883591	0.750279	0.745423	0.800573	0.693518	0.73878	0.849699
0.720548	0.767889	0.628476	0.620099	0.867386	0.830425	0.829564	1.065621	0.849116	0.896263
0.718877	0.745108	0.626457	0.666041	0.810704	0.741719	0.695864	0.801931	0.648688	0.702312
0.664116	0.751367	0.76345	0.953975	0.810704	0.70377	0.883904	0.765237	0.677209	0.696703
0.669291	0.829074	0.832105	0.871271	0.737522	0.730791	0.847703	0.725289	0.614476	0.741083
0.759031	0.88904	0.828883	0.6439	0.771116	0.643137	0.721066	0.763339	0.743273	0.772144
0.952913	0.775439	0.568707	0.631137	0.885941	0.723655	0.749665	0.74119	0.778047	0.687255
0.816647	0.720936	0.723891	0.693386	0.707179	0.607185	0.753376	0.598982	0.617847	0.712922
0.647532	0.867333	0.853086	0.888618	0.728634	0.620234	0.733347	0.763339	0.786944	0.772144
0.719712	1.001305	0.9647	0.838528	0.889749	0.65355	0.824047	1.156084	1.087136	0.935819
0.799248	0.738938	0.643575	0.809133	0.970811	0.896257	1.052435	1.243921	1.091141	0.806622

0.818741	0.678567	0.656331	0.714876	0.794024	0.679131	0.998431	0.671511	0.642915	1.024321
0.754482	0.74957	0.800914	0.821953	0.628506	0.787382	0.870277	0.713312	0.647963	0.87415
0.778674	0.914504	0.701778	0.699886	0.830268	0.85846	0.801613	0.751202	0.901735	0.789533
0.715555	0.709336	0.825685	1.052519	0.796074	0.667316	0.972982	0.959942	0.960128	0.760926
0.86873	0.753172	0.855354	1.008713	0.914675	0.742642	0.835151	0.745712	0.780992	0.928971
0.961574	0.875646	0.954579	0.698252	0.868599	1.006562	0.695864	0.715003	0.769329	1.026017
0.971901	0.809076	0.790016	0.671374	0.660387	0.714031	0.808963	1.025729	0.841123	0.76185
0.776765	0.60645	0.761613	0.829609	0.64343	0.838417	0.946028	0.852349	0.839993	0.679535
0.717213	0.574137	0.625117	0.814429	0.776976	0.830425	0.667434	0.56771	0.763612	0.635203
0.758118	0.724308	0.76253	0.656308	0.813904	0.85128	0.63362	0.609484	0.762667	0.754514
0.83915	0.827998	0.939136	0.704825	0.633424	0.735311	0.77145	0.702478	0.736996	0.726348
0.865212	0.752269	0.879918	0.782591	0.894879	1.003181	0.846547	0.982871	0.970672	0.737571
0.699314	0.766022	0.892123	0.84534	0.76918	0.832694	0.738719	0.700016	0.9217	0.845194
0.830439	0.787016	0.794935	0.864044	0.81605	0.828169	0.554925	0.673047	0.987776	0.856546
1.053814	1.072489	0.920244	0.796681	0.868599	0.711443	0.642912	0.698383	0.751479	0.671199
0.772971	0.771648	0.854218	0.64462	0.65739	0.85846	0.780281	0.858199	0.701129	0.557014
0.620782	0.793914	1.093125	0.764172	0.634839	0.804091	0.866634	0.758631	0.831058	0.587488
0.800252	0.835585	0.902139	0.779631	0.697245	0.658852	0.713351	0.928362	0.918985	0.659353
0.810426	0.927819	0.746306	0.646064	0.84843	0.714898	0.645812	0.924228	0.812659	0.667463
0.76641	0.694864	0.840816	0.632537	0.71308	0.675949	0.770479	0.898924	0.692204	0.741966
0.590591	0.634427	0.902139	0.7115	0.804373	0.919233	0.75806	0.801931	0.689004	0.657167
0.683659	0.677047	0.752543	0.804943	0.866177	0.776257	0.612907	0.780726	0.766461	0.654993
0.874657	0.861491	0.720543	0.699886	0.891026	0.658091	0.649464	0.916077	0.914943	0.806622
0.883093	0.999706	0.823566	0.679108	0.705507	0.717506	0.685382	0.798837	0.875241	1.026017
0.770147	1.118205	0.898356	0.66453	0.907975	0.999826	0.957802	0.83081	0.730808	0.799504
0.825083	0.879258	0.735817	0.901446	0.931188	0.788408	0.757119	0.818812	0.698676	0.703119
0.793269	0.917135	0.662122	0.984404	0.957197	0.658852	0.657608	0.967452	0.983044	0.694322
0.651083	0.644169	0.548608	0.676774	0.817128	0.989915	0.818599	0.846577	0.957162	1.165
0.688296	0.750468	0.545811	0.626274	0.955711	0.989915	0.913856	0.826409	0.75797	0.851969
0.786397	0.835585	0.641484	0.660026	0.740225	0.573357	0.672818	0.846577	0.585896	0.769312
0.659728	0.621547	0.748079	0.887355	0.661894	0.478695	0.715053	0.979743	0.757037	0.930332
0.715555	0.560577	0.683025	0.775714	0.741129	0.654304	0.73513	0.74209	1.034621	0.823344
0.899208	0.832317	0.625787	0.74197	0.796074	0.762497	0.872723	0.703302	0.698676	0.754514
0.930628	1.07438	0.895852	0.995579	0.929787	0.787382	0.937403	0.804005	0.654539	0.907756
0.759031	0.713444	0.9647	1.022256	0.701356	0.681533	0.791324	0.847725	0.777069	0.991726
0.751776	0.552526	0.718049	0.767986	0.703842	0.788408	0.665146	0.680024	0.934136	0.720423
0.963034	0.711796	0.843021	1.048847	0.955711	0.902889	0.757119	0.711627	0.838866	0.683378
1.187936	1.029419	0.801918	0.861662	0.668737	0.660379	0.881394	0.876238	1.063848	0.776905
0.831519	0.894015	0.847466	0.606685	0.528483	0.681533	1.045078	0.796787	1.052656	0.955589
0.716383	0.727706	0.76345	0.5956	0.763423	0.868222	0.780281	0.764287	0.810545	0.647821
0.903014	0.691712	0.888425	0.792609	0.733945	0.917847	0.695049	0.773881	0.805304	0.66302
0.98248	0.704458	0.812092	0.828507	0.636259	0.714031	0.691802	0.838622	0.859614	0.831952
0.763628	0.901585	0.749859	0.589209	0.649987	0.838417	0.775352	0.721833	1.022428	0.895004
0.690634	0.769764	0.648491	0.713184	0.767252	0.790466	0.775352	0.788682	0.957162	0.682607
0.852552	0.711796	0.957447	0.786571	0.850755	0.900224	0.731571	0.857023	0.90697	0.626991
0.708986	0.787016	0.979581	0.766075	0.786923	0.833832	0.671273	0.734051	0.885144	0.776905
0.905569	0.937388	0.784184	0.641031	0.771116	0.908269	0.680627	1.002128	1.043545	0.931697

0.891696	1.038046	0.800914	0.641031	0.910643	0.999826	1.015129	0.984444	0.987776	0.803557
0.747302	0.772593	0.907235	0.743777	0.904005	0.643873	0.855884	0.946744	0.762667	0.876552
0.71308	0.800924	1.004504	0.805987	0.853092	0.681533	0.672818	0.839749	0.744177	0.747299
0.85029	0.867333	0.675443	0.606025	0.893591	0.999826	0.951875	0.900219	0.886398	0.886296
0.772971	0.784093	0.583048	0.699068	1.084306	0.836118	0.718479	0.769058	0.755176	0.66302
0.651797	0.829074	0.728113	0.883591	1.197667	0.607185	0.796438	0.773881	0.650144	0.64996
0.753578	1.011021	0.733234	0.836281	0.910643	0.763465	0.825145	0.737605	0.920341	0.793494
0.845799	0.881683	0.73152	0.735702	1.086306	0.716635	0.894089	0.978188	0.849116	0.870572
0.988643	0.794909	0.832105	0.745592	1.144115	1.136095	1.041445	0.948191	0.722981	0.696703
0.791295	0.787995	0.786119	0.808082	0.782917	0.96454	0.979206	0.655708	0.664218	0.788549
0.763628	1.034575	1.057287	0.805987	0.592329	0.75104	0.871499	0.837497	0.866757	0.863502
0.780592	0.862653	0.757054	0.733044	0.678817	0.638023	0.923398	1.048856	1.00229	0.96879
1.119897	0.731131	0.629151	0.700705	0.793002	0.564682	0.832908	0.796787	0.745991	0.851969
0.945825	0.886574	0.911097	0.744684	0.722519	0.73622	0.919283	0.55816	0.541135	0.979343
0.905569	0.879258	0.873942	0.962882	0.856622	0.947917	0.857066	0.748448	0.661217	0.75725
0.862883	0.649835	0.64079	0.810187	1.002684	0.716635	0.881394	0.90413	0.961619	0.87415
0.871091	0.71759	0.777479	1.023979	0.920109	0.852468	1.043258	1.025729	1.258429	0.905175
0.73071	0.853442	0.998138	0.90537	0.74568	1.111643	0.835151	0.635494	0.771251	1.148922
0.899208	0.854582	0.92824	0.73128	0.74568	0.933338	0.759947	0.68159	0.729932	0.926262
0.987094	0.751367	0.792961	0.797705	0.776976	0.677537	0.844244	0.998859	0.976814	0.681068
0.695347	0.693285	0.871575	1.03094	0.634839	0.737132	0.954828	0.918777	0.822302	0.707177
0.905569	0.859176	0.81727	0.949589	0.943998	0.915089	0.783265	0.691909	0.852588	0.783659
0.922557	0.904139	0.866878	0.778648	0.986455	1.004868	0.671273	0.767143	0.961619	0.829784
0.960118	0.934633	0.883544	0.752929	0.750279	0.944962	0.805797	0.879938	0.827754	0.786586
0.741994	0.729415	0.866878	0.799761	0.774036	1.115987	1.052435	0.92698	0.81372	0.687255
0.772971	0.715097	0.734093	0.680672	0.593617	0.739878	0.76566	0.680806	0.841123	0.728913
0.874657	0.808049	0.746306	0.582911	0.797103	0.732593	0.647999	0.709949	0.880164	0.743736
0.964499	0.882901	0.828883	0.758514	0.753994	0.74916	0.77145	0.838622	0.745991	0.844075
0.718877	0.695655	0.975063	0.775714	0.715634	0.766384	0.791324	0.815596	0.682674	0.668207
0.775813	0.811138	0.790016	0.807033	0.78894	0.81378	0.667434	0.727899	0.754249	0.615616
0.818741	0.780225	0.733234	0.770868	0.894879	0.668873	0.712502	0.867727	0.975271	0.71624
0.887988	0.900314	0.74454	0.763224	0.842673	0.750099	0.75806	0.792716	0.807393	0.759084
0.808372	0.876847	0.827815	0.596889	0.822555	0.900224	0.883904	1.002128	0.69462	0.813859
0.617468	0.729415	0.991864	0.696624	0.904005	0.897576	0.721066	0.732284	0.757037	0.695908
0.765481	0.720097	0.829955	0.932475	0.742944	0.692098	0.82186	1.163158	0.842256	0.694322
0.963034	0.745997	0.575818	0.744684	0.622263	0.658091	0.789295	0.876238	0.64077	0.769312
0.69377	0.796905	0.628476	0.824127	0.761521	0.86699	0.796438	0.603545	0.701129	0.938589
0.73071	0.958633	0.81623	0.892427	0.878423	0.658091	0.697499	0.758631	0.777069	0.818049
0.799248	0.754078	0.592258	0.712341	0.710541	0.639478	0.871499	0.902822	0.673348	0.781719
0.793269	0.720936	0.58855	0.726903	0.606706	0.645348	0.731571	0.800897	0.804263	0.844075
0.801259	0.795906	0.722214	0.781602	0.751205	0.767361	0.938829	0.639035	0.779026	0.909052
0.74464	0.945762	0.773693	0.935281	0.975445	0.923416	0.924778	0.618208	0.633695	0.820159
0.764553	0.787995	0.645675	0.743777	0.673361	0.605834	0.794385	0.620246	0.569246	0.821218
0.818741	0.652696	0.775582	0.74197	0.674136	0.647569	0.816439	0.79373	0.745083	0.774042
0.861723	0.760468	0.660667	0.682241	0.649987	0.773271	0.876418	0.733166	0.871584	0.789533
0.88922	0.90286	0.665782	0.792609	0.875946	0.865761	0.768545	0.782701	0.652336	0.681068
0.828289	0.683932	0.898356	0.739273	0.818208	0.750099	0.640032	0.660165	0.753323	0.819102

0.643307	0.674021	0.81727	0.818712	0.719063	0.746355	0.903202	0.776801	0.695428	0.666719
0.787372	0.697243	0.687638	0.797705	0.907975	0.756731	0.707443	0.879938	0.760782	0.637976
1.041374	0.796905	0.847466	0.998825	1.035296	0.847734	0.738719	0.631282	0.746901	0.812817
0.795253	0.787016	0.908519	0.881099	0.691553	0.795656	0.751516	0.692713	0.869164	0.90006
0.63224	0.799916	0.878717	0.668319	0.719924	0.801967	0.714201	0.810289	1.017305	0.957036
0.746413	0.630319	0.700184	0.726903	0.753063	0.783303	0.64075	0.813466	0.819064	0.741966
0.801259	0.675531	0.823566	0.938105	1.066708	0.892326	0.657608	0.862937	0.826658	0.723799
0.762705	0.742453	0.791977	0.79566	0.924231	0.879473	0.769511	0.831918	1.047166	0.863502
0.927921	0.886574	0.649906	0.709821	0.765333	1.056883	0.885164	0.680024	0.869164	0.846316
0.840251	0.797906	0.769007	1.036235	0.935416	0.752929	0.692612	0.686322	0.573501	0.732355
0.803279	0.851169	0.943294	0.981263	0.823648	0.659615	0.619018	0.696755	0.668759	0.855397
0.828289	0.797906	0.741905	0.65928	0.743854	0.630819	0.608213	0.767143	0.753323	0.864672
0.697723	0.925123	0.638713	0.86524	0.885941	0.825924	0.824047	0.886175	0.841123	0.71624
0.580169	0.870876	0.824624	0.810187	0.893591	0.922017	1.228415	1.101226	0.780008	0.610364
0.741115	1.006136	0.920244	0.823038	0.862569	0.652798	0.789295	1.002128	0.783958	0.795488
0.833685	0.703651	0.592879	0.641031	0.691553	0.613317	0.692612	0.998859	0.681106	0.793494
0.875852	0.777347	0.602937	0.663776	0.86018	0.697895	0.783265	0.925602	0.650144	0.626314
0.76641	0.835585	0.733234	0.722569	0.800204	0.731691	0.788284	0.661661	0.585268	0.712922
0.723909	1.111962	0.991864	0.826311	0.685138	0.927641	0.937403	0.674587	0.709404	0.637281
0.826149	0.988679	0.981097	0.824127	0.755864	0.785338	0.796438	0.728772	0.867959	0.853109
1.145848	0.669522	0.792961	1.03094	0.891026	0.713167	0.787275	0.876238	0.763612	0.905175
1.007675	0.739814	0.764371	0.779631	0.838121	0.96147	0.896673	0.682375	0.687413	1.010988
0.85142	0.894015	0.966166	0.817637	0.65739	0.797749	0.82186	0.715851	0.717839	0.877758
0.782518	0.800924	0.865712	0.791596	0.675691	0.643873	0.959296	0.638325	0.715291	0.959945
0.976404	0.576539	0.779384	1.099187	0.806473	0.662679	0.944579	0.853513	0.78995	0.90006
1.171081	0.831234	0.76253	1.03094	1.130587	0.934774	0.685382	0.758631	0.772215	0.876552
1.265706	1.227229	1.134344	0.948137	0.992874	0.969186	0.915206	1.167939	0.939779	0.850833
0.918578	0.762312	0.940517	1.142316	0.888476	0.908269	1.206712	1.444028	1.081196	0.868202
0.670036	0.765092	0.957447	1.249805	0.997751	0.792535	0.993544	0.684739	1.045352	0.96879
0.749981	0.913195	0.973567	0.749245	0.904005	0.884569	0.715907	0.695944	0.924433	1.089972
0.867554	1.091777	1.127907	0.733928	0.888476	0.85846	0.866634	0.978188	0.917633	1.022632
1.006057	0.787016	1.097075	0.942376	0.775994	0.822578	0.919283	1.022278	0.90697	0.717909
0.840251	0.854582	1.175115	0.836281	0.774036	0.83957	0.845394	0.900219	1.210853	0.754514
0.836956	0.944355	0.850829	0.702348	1.016118	0.715765	0.62591	0.734051	1.443727	0.976302
1.342614	1.174046	1.182298	0.70815	0.907975	0.919233	1.065618	0.865325	0.899141	0.993299
0.865212	0.809076	0.911097	0.694193	0.891026	1.164441	0.97144	1.08703	0.791966	0.786586
0.73849	0.98097	1.030945	0.883591	0.918744	1.008262	0.647269	0.939582	1.146886	0.744624
0.977915	1.216584	0.954579	1.058085	1.002684	0.692098	0.67827	1.192666	1.824954	1.1248
0.979431	0.957184	0.650615	0.837403	0.785918	0.742642	1.000072	1.30864	1.091141	1.107971
0.824019	0.864986	0.889654	0.695812	1.001033	0.852468	0.956312	0.895059	0.684248	1.045121
0.859412	1.164615	1.388529	0.975049	1.292871	1.109487	0.90983	1.346827	1.246757	1.048687
1.093429	0.947173	1.025864	1.925483	1.319474	0.949402	0.797468	1.126695	1.224313	0.837421
1.150328	1.0859	0.693082	0.990755	1.068628	0.963002	0.907167	0.797811	0.932736	1.114264
0.970411	0.998114	0.900874	0.948137	1.238376	1.456006	1.730615	1.144544	0.831058	1.126938
1.549802	1.504155	1.220113	1.246911	1.537589	1.105206	1.120583	1.765123	1.093158	1.738096
1.240047	1.155384	1.396363	1.258605	0.808583	0.878208	1.404339	2.32173	1.510305	2.025338
1.089497	0.820541	0.911097	1.180195	1.224378	1.792245	1.31766	1.264441	1.389492	1.282515

1.130522	1.157673	0.984146	1.649666	1.202286	2.054451	1.248338	0.945302	1.430341	1.348644
1.271619	1.552639	1.019179	1.027445	0.84153	0.904228	1.396076	1.224327	1.339483	1.389492
1.360506	1.206194	1.682322	1.805945	0.994494	0.955394	1.342258	2.288763	1.443727	1.835883
1.262779	1.255043	1.697867	1.911936	1.639285	1.58911	0.988712	1.235415	2.047967	1.637004
1.221089	1.48423	1.351349	1.45592	1.340553	1.393808	0.926163	1.045217	1.545375	2.614034
1.398667	1.38849	1.513623	1.261578	1.398216	1.268786	1.400188	1.48693	1.305226	1.825052
1.001238	1.400367	1.136512	0.877387	1.572994	1.366995	1.30228	1.352707	1.562903	1.031144
1.132678	0.936008	1.184719	1.322324	1.835007	1.335774	1.037843	1.327494	2.086021	0.907756
1.174631	1.216584	1.469359	1.249805	1.07836	1.428252	1.06946	1.027465	1.996491	2.025338
2.057581	1.320322	1.267372	0.984404	1.224378	1.117981	1.131572	1.354146	1.396924	1.439701
1.017513	1.677198	1.373273	1.289297	1.104391	1.139505	2.18837	1.250793	2.253839	1.126938
0.857113	1.326706	1.933763	1.805945	1.625193	0.981825	1.147439	1.199116	1.481581	1.401766
1.069471	1.158684	1.244436	1.224427	1.504854	1.358066	1.045078	1.173277	1.300441	1.364804
1.247896	1.186324	1.264445	1.056222	1.366513	1.36229	1.396076	1.507449	1.241068	1.92036
1.720615	1.213963	1.012595	1.121951	1.154816	1.85933	1.451762	1.703203	0.945496	1.181696
1.007675	1.35469	1.795015	1.18768	1.171248	1.318034	1.704869	1.305329	0.89145	1.352231
1.486811	1.607225	1.991988	1.305496	1.18768	1.252857	1.058036	1.491969	1.70231	1.825052
1.918683	1.38849	1.140879	1.18768	2.356091	1.220269	1.404339	2.177367	1.09722	1.20672
1.017513	2.016293	2.077825	1.276759	1.102647	1.062638	1.972858	1.067524	1.069554	1.236022
1.015857	1.908163	3.163123	1.607981	1.450583	0.908269	1.338658	1.19408	1.215051	1.27526
1.975018	1.841308	1.109146	0.921429	1.470692	1.4908	1.335087	1.256343	1.318606	2.099124
2.208243	0.926469	0.84635	1.038014	1.908294	1.871592	1.972858	1.022278	0.854917	1.47645
1.527774	0.88641	0.906439	2.20556	1.123978	1.068469	1.380007	1.158429	2.590217	2.552764
3.161457	1.127243	1.061902	1.145988	1.326387	1.262622	2.272039	1.288415	1.41054	1.532665
1.500179	1.257925	0.996561	1.167999	1.469543	1.230202	1.196823	1.199898	1.814188	1.445532
1.893039	1.546977	1.264445	1.582261	2.28723	1.197393	1.196254	1.043409	1.202973	2.333207
1.443317	1.495147	1.617534	1.756607	1.192516	1.734149	1.915098	3.19954	1.641084	1.506207
1.441912	2.811345	1.652807	1.984341	1.566605	1.772004	1.730615	1.755718	1.501638	0.74254
1.440507	1.287846	1.513623	1.399062	1.482834	1.400776	1.448922	1.497068	0.646167	0.790726
1.274463	1.281155	1.284501	2.232611	1.318719	1.278548	1.023725	1.292333	1.281565	1.322368
1.267772	1.277809	1.961901	1.213607	1.238376	2.001031	1.16873	1.270797	1.773608	1.363171
1.453887	1.238142	2.327365	1.247084	1.255792	1.244907	1.249261	1.937994	1.641084	0.905175
2.846783	1.263746	2.059247	1.266616	1.251438	1.253615	2.712604	1.107454	1.279642	1.623345
1.373497	1.516748	1.27744	1.160842	3.000441	1.29766	1.145136	1.289144	1.965278	1.325083
2.022651	1.291133	1.659999	0.897558	1.179901	1.441908	1.253713	1.271428	1.388485	1.144435
0.926574	1.208768	1.28188	1.333424	1.256663	1.218282	1.518133	1.17521	1.159823	1.139994
1.680655	1.272628	1.451047	1.384968	1.823911	1.008262	1.0067	0.896344	1.814188	1.074502
1.601546	1.94044	1.109146	0.943809	1.579186	0.815963	1.065618	1.170349	1.694168	1.49606
1.522437	1.841308	1.264894	1.336698	1.390521	1.545904	1.101902	1.110973	0.987776	1.422431
1.004444	1.420642	1.408502	1.444344	1.579186	1.138186	1.120044	1.67915	1.020713	0.973282
1.444921	1.633877	1.396363	1.332742	1.661321	0.885852	0.642912	1.224327	2.740428	0.993299
1.472539	1.420642	1.07578	1.642434	2.227808	1.17934	1.380007	1.241067	2.225518	1.680761
1.103419	1.647843	0.893362	0.690173	1.05536	2.57456	2.30394	1.365361	0.773182	0.910352
1.027579	1.198753	1.488477	0.818712	1.038876	1.098863	0.915206	0.792716	0.76456	0.710451
1.386863	1.294086	1.034367	0.91601	1.340553	0.791499	0.703272	1.17521	0.890182	0.868202
1.386863	1.083959	0.759784	0.89885	1.213496	0.619537	0.663628	1.003772	1.065741	0.834131
0.885534	1.499087	0.991864	0.7115	1.064796	0.85366	0.853531	0.727027	0.566231	0.707993

[illegible]

190	191	192	193	194	195	196	197	198	199
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.853666	0	0	0	0	0	0	0	0	0
1.295222	2.220347	0	0	0	0	0	0	0	0
0.896403	1.042116	1.027221	0.470773	0.799486	0.70495	1.257513	0	0	0
0.716233	0.878168	0.733517	0.480295	0.461251	0.538621	1.114105	1.249966	0.544507	0.833443
1.044442	0.855599	0.415185	0.396892	0.870681	0.951203	1.046029	1.089014	1.12238	1.369794
1.771088	1.774724	1.044701	1.11151	0.903305	0.865218	1.013104	1.120709	0.840679	1.211436
1.927874	1.130573	0.984814	1.051359	0.695106	0.609258	0.811226	1.147845	0.969193	1.064278
0.991373	0.82542	0.630805	0.750945	0.750996	0.609258	0.691095	0.684344	1.096299	1.017697
0.804083	0.776457	0.597074	0.71861	0.86707	0.97337	0.998339	0.627268	0.878587	0.850554
0.842222	0.82542	0.745888	0.675359	0.783373	0.774843	0.788753	0.701534	0.636946	0.63812
0.717062	0.776457	0.760473	0.797845	0.638455	0.858183	0.785776	0.709965	0.680036	0.642394
0.681993	0.610187	0.479594	0.59741	0.663976	0.753308	0.67933	0.710818	0.727876	0.579211
0.810211	0.622192	0.644072	0.668552	0.783373	0.667396	0.545817	0.624462	0.76167	0.63459
0.731408	0.741264	0.729182	0.724546	0.569216	0.634913	0.650153	0.569991	0.666497	0.718915
0.5711	0.786212	0.8275	0.563122	0.589613	0.77102	0.685565	0.665497	0.795142	0.61939
0.526602	0.65447	0.611305	0.690091	0.725168	0.693657	0.959777	0.879668	0.715413	0.602086
0.614741	0.863778	0.708958	0.721144	0.782385	0.576438	0.647988	0.715104	0.756816	0.600783
0.679703	0.722974	0.71476	0.71861	0.729513	0.611229	0.651603	0.832042	0.771543	0.726668
0.671404	0.693306	0.579002	0.749134	0.749165	0.723311	0.728432	0.937458	0.684916	0.617358
0.653114	0.633149	0.613282	0.794824	0.777481	0.877201	0.761736	0.754767	0.69401	0.824745
0.738326	0.694902	0.628062	0.710269	0.68632	0.681875	0.8659	0.878411	0.759722	0.787196
0.688163	0.772615	0.662171	0.682275	0.729513	0.719069	0.817563	0.803669	0.715413	0.822571
0.922246	0.705422	0.781362	0.876283	0.676162	0.741593	0.808092	0.795299	0.76167	0.754486

0.776574	0.625586	0.69359	0.812231	0.881699	0.76441	0.633127	0.669357	0.747268	0.778295
0.872011	0.795183	0.863573	0.90766	0.877995	0.7787	0.705647	0.893735	0.809071	0.694834
0.858008	0.698112	0.908094	0.73404	0.682385	1.075451	0.879181	0.981284	0.83371	0.674324
0.681993	0.750252	1.110022	0.831457	0.773597	1.157542	0.874304	0.772098	0.882438	0.615335
0.893901	0.889282	0.847422	0.944305	1.160636	0.939828	0.672421	0.720304	1.217122	0.679751
0.887709	0.894315	0.821058	0.690091	0.972368	0.792474	0.770238	0.705729	0.831411	0.840271
0.597384	0.631764	0.704861	0.624349	0.961804	0.843322	1.390097	0.970294	0.7216	0.891757
0.737455	0.919049	0.656297	0.73143	1.012345	0.882088	0.769285	0.789126	0.684099	0.729284
0.764372	1.045688	0.782336	0.761042	0.871892	0.710708	0.742522	0.928918	0.7216	0.771496
0.793067	0.723827	0.737016	0.82711	0.913857	0.630072	0.758938	0.967204	0.798317	0.696452
0.838913	0.77839	0.630805	0.674598	0.720866	0.801566	0.812276	0.815448	0.654129	0.861086
0.872011	0.931276	0.694385	0.693257	0.850603	0.767231	0.689507	0.663963	0.5724	0.734563
0.847794	0.920391	0.849692	0.680729	0.659493	0.637005	0.748832	0.738101	0.633299	0.731915
0.804083	0.639436	0.846291	0.842517	0.60311	0.633525	0.762672	1.007502	0.788861	0.847099
0.733989	0.57726	0.542154	0.662589	0.616366	0.672674	0.777938	0.67091	0.788861	0.712137
0.707214	0.656661	0.577174	0.624349	0.663976	0.84108	0.795778	0.659392	0.603136	0.617358
0.752503	0.594045	0.658491	0.71861	0.726901	0.676484	0.769285	0.685952	0.78267	0.585445
0.598647	0.672314	0.863573	0.734914	0.607704	0.82034	0.750652	0.739921	0.858609	0.86585
0.574673	0.636631	0.677214	0.637424	0.709043	0.721609	0.563232	0.820909	0.870987	0.613992
0.558819	0.620168	0.851975	0.687732	0.756537	0.565039	0.595816	0.767214	0.718054	0.63883
0.721232	0.625586	0.825342	0.641635	0.534421	0.487682	0.53017	0.713384	0.82685	0.862272
0.752503	0.642969	0.518687	0.582383	0.838089	0.789486	0.672421	0.654869	0.758751	0.718915
0.562874	0.629008	0.602195	0.579316	0.644158	0.641925	0.66562	0.735384	0.609278	0.598836
0.630773	0.655199	0.619938	0.716929	0.693495	0.555667	0.588849	0.727335	0.54488	0.633186
0.663261	0.608873	0.772695	0.679188	0.673851	0.541416	0.460818	0.607325	0.528026	0.654739
0.596755	0.618153	0.597074	0.599325	0.788344	0.608602	0.557349	0.727335	0.609966	0.604048
0.676667	0.512777	0.529989	0.631871	0.6943	0.668897	0.64369	0.567531	0.496163	0.596898
0.503155	0.561688	0.667377	0.692464	0.616366	0.67725	0.855328	0.596046	0.58717	0.576742
0.608231	0.698918	0.735263	0.682275	0.574685	0.521148	0.617413	0.616152	0.613422	0.46885
0.669912	0.565826	0.541594	0.552652	0.537216	0.531438	0.661887	0.735384	0.616905	0.563409
0.73055	0.503931	0.50099	0.543553	0.697533	0.570402	0.563232	0.583141	0.525185	0.641679
0.639017	0.627636	0.639137	0.516817	0.631431	0.789486	0.65745	0.610698	0.608591	0.59177
0.747132	0.716204	0.658491	0.676122	0.668506	0.612548	0.5527	0.736288	0.707586	0.527896
0.65097	0.658863	0.696781	0.796836	0.63004	0.622571	0.667122	0.52492	0.621829	0.540168
0.578277	0.578481	0.599627	0.736666	0.692692	0.64334	0.576462	0.595391	0.879867	0.586703
0.643899	0.864959	0.709782	0.616956	0.666235	0.658493	0.568596	0.612735	0.678421	0.784208
0.663261	0.625586	0.598988	0.659638	0.676935	0.692068	0.626225	0.658635	0.795142	0.665175
0.561712	0.683851	0.740543	0.681501	0.721723	0.879638	0.555018	0.676392	0.7216	0.521346
0.627384	0.689341	0.734389	0.552652	0.603763	0.646901	0.623494	0.740834	0.689026	0.532875
0.787175	0.743941	0.602195	0.628436	0.666235	0.545926	0.664871	0.943247	0.844207	0.569419
0.725443	0.695703	0.623981	0.498172	0.696723	0.696854	0.780861	0.933167	0.705865	0.720626
0.69128	0.879389	0.839565	0.7254	0.741018	0.805668	0.660403	0.704046	0.627526	0.712979
0.668425	0.72554	0.772695	1.003374	0.777481	0.615198	0.608776	0.740834	0.664932	0.625544
0.79208	0.907157	0.60284	0.897371	0.798462	0.700883	0.809134	0.791174	0.785755	0.746225
0.70157	0.821122	0.607377	0.635333	0.766883	0.815043	0.820766	0.681146	0.878587	0.940115
0.763447	0.820054	0.72489	0.727115	0.916535	0.813992	0.806015	0.657879	0.645079	0.736336
0.819569	0.962698	0.892741	0.920875	0.761209	0.700074	0.854169	0.869715	0.681656	0.834662

0.743588	0.723827	1.072316	1.008269	0.662477	0.674956	0.811226	0.799464	0.680845	0.764802
0.686612	0.683072	0.711435	0.685385	0.725168	0.751485	0.701555	0.717696	0.770546	0.61939
0.812274	0.805374	0.837347	0.918199	0.76215	0.786517	0.609435	0.548923	0.602459	0.645268
0.713754	0.683072	0.836242	0.848155	0.627961	0.681875	0.724122	0.587614	0.703297	0.761964
0.54969	0.752986	1.023807	0.655249	0.792363	0.715706	0.806015	0.674034	0.771543	0.820409
0.598015	0.805374	0.788225	0.689303	0.999148	0.740705	0.75801	0.883459	0.714536	0.63883
0.767157	0.687766	0.863573	0.812231	0.884186	0.908691	0.626225	0.787088	0.751062	0.613322
0.851172	0.63733	0.786253	0.916868	0.621784	0.80981	0.579526	0.658635	0.773545	0.745317
0.714579	0.672314	0.585149	0.620301	0.712389	0.871168	0.726703	0.673251	0.783696	0.89303
0.806116	0.751162	0.605427	0.738425	0.833627	0.738051	0.838261	0.627972	0.503642	0.622798
0.721232	0.928529	0.877913	0.905065	0.958832	0.63214	0.631044	0.692445	0.640624	0.672018
0.775624	0.823266	0.787238	0.56905	0.652855	0.712368	0.683216	0.796337	0.885024	0.916607
0.743588	0.809518	0.60284	0.59741	0.854079	0.664408	0.921649	0.979697	0.771543	0.776341
0.769961	0.738604	0.708958	0.891062	0.927418	0.746061	0.903122	0.886006	0.811254	0.994541
0.787175	0.895582	0.91598	1.03535	0.772632	0.802588	0.932601	0.68035	0.664932	0.912588
0.761604	0.790176	0.800248	0.873868	0.61168	0.641218	0.876736	0.882192	0.90357	0.786198
0.791094	0.612164	0.704861	0.851573	0.652855	0.761608	1.231915	0.898966	0.930079	0.746225
0.802059	0.850994	0.930818	1.037099	0.920584	0.880861	0.808092	0.643764	0.949195	1.016001
1.044442	1.261954	1.051895	0.855018	0.954412	0.906086	0.641557	0.745429	0.99514	1.185676
1.117249	0.827585	0.776526	0.947146	0.797439	1.282913	0.897971	0.952076	0.878587	0.841402
0.722071	0.658863	0.939131	1.077497	1.005696	1.976474	1.272414	1.143203	1.109143	0.855203
0.856861	1.006289	1.191915	0.972081	0.924671	0.865218	1.079706	0.86119	1.048412	0.908605
0.873199	1.060275	0.971049	0.796836	0.841466	0.639809	0.650153	0.761424	1.085877	1.095643
0.753404	0.625586	0.750394	0.756423	0.7814	0.812942	0.801892	0.848123	0.781647	0.869457
0.669168	0.9539	1.380089	1.021598	0.973898	1.203959	1.014776	1.005816	0.725175	0.676641
0.693633	0.795183	0.861229	1.321479	1.069553	0.946902	0.727567	0.920542	0.766579	0.679751
0.916953	0.806406	0.532724	0.779054	1.105386	0.785532	0.703187	0.86119	0.892875	0.780257
0.661067	0.635235	0.555247	0.637424	0.919231	0.824625	0.884112	0.791174	0.829125	1.010954
0.695999	0.666284	0.603485	0.720298	1.060102	0.740705	0.74702	0.697379	0.669645	0.755414
0.820622	0.973192	0.90035	0.867889	0.806729	0.810852	0.828333	0.67797	0.631848	0.92476
0.821677	0.923087	0.815761	0.985885	0.706551	0.721609	1.126927	0.892437	0.771543	0.88796
0.717062	0.702972	0.765133	0.797845	0.676162	0.66218	0.808092	0.994195	0.934416	0.843672
0.739199	0.65229	0.684157	0.911583	0.838089	0.847841	0.726703	0.705729	0.688201	0.694834
0.835628	0.704604	0.658491	0.778087	0.746432	0.728456	0.623494	0.527709	0.67601	0.756344
0.781361	0.697307	0.912019	0.736666	0.664728	0.879638	0.84728	0.627268	0.710179	0.855203
0.7862	0.685413	0.912019	0.852718	1.077264	0.907386	0.64369	0.857588	0.829125	0.736336
0.801051	0.726399	0.940532	0.842517	0.947144	0.851261	0.572209	1.061382	0.895525	0.692417
0.829133	0.719575	0.905498	0.802929	0.763092	0.89709	0.572814	0.642304	0.770546	0.824745
0.672152	0.903264	0.823195	0.757343	0.832518	0.970349	0.812276	0.779029	0.859831	0.933068
0.717893	0.878168	0.766071	0.777122	0.74462	0.707408	0.745215	0.875909	0.715413	0.544146
0.589269	0.67766	0.779421	0.751853	0.772632	0.559743	0.758938	1.005816	0.740708	0.63883
0.686612	0.741264	0.749489	0.591714	0.648484	0.639106	0.825074	0.92471	1.024521	0.869457
1.030554	0.873318	0.600909	0.589831	0.702429	0.839963	0.780861	1.221406	1.100538	0.839143
0.892655	0.869716	0.710608	0.634638	0.724304	0.714033	0.845007	0.842311	0.796198	0.804523
0.787175	0.886788	0.925363	0.927636	0.705723	0.589395	0.995124	0.773081	0.722491	0.877994
0.858008	0.93404	0.909399	0.879931	0.712389	0.519012	0.85649	0.797377	0.661818	0.712979
0.734853	0.571806	0.52673	0.760114	0.642725	0.695252	0.945262	1.040842	0.83371	0.718062

0.804083	0.591517	0.646918	0.836952	0.857584	0.80981	0.861169	0.671689	0.665714	0.686038
0.765298	0.750252	0.892741	0.751853	0.814094	1.169284	0.758938	0.507483	0.752972	0.780257
0.94269	0.807441	0.837347	0.873868	0.680821	0.780641	0.7293	0.653372	0.762647	0.675867
0.919591	0.72554	0.7912	0.747331	0.718306	0.990377	0.941	1.280537	0.885024	0.739011
0.672152	0.698112	0.971049	0.73143	0.634227	0.771973	0.829425	0.727335	0.731504	0.598189
0.740073	0.739489	0.72832	0.750945	0.713229	0.694454	0.681657	0.718563	0.752016	0.685247
0.71211	0.759431	0.770792	0.74464	0.924671	0.753308	0.799844	0.742666	0.823461	0.992934
0.642498	0.803316	0.91864	0.783921	0.793374	0.775804	0.821839	0.820909	0.698207	0.863461
0.778483	0.912402	0.867114	0.789834	0.854079	0.790479	0.72498	0.893735	0.937332	0.859903
0.876781	0.84305	0.654115	0.752764	0.772632	0.674956	0.704006	0.995836	1.143023	0.849399
0.946897	0.990214	0.680286	0.724546	0.755609	0.732791	0.748832	0.788106	0.806898	0.882948
0.648836	0.772615	0.718111	0.696447	0.84945	0.765349	0.774071	0.694905	0.650336	0.916607
0.937144	0.987069	0.792196	0.77616	1.010673	0.836631	0.788753	0.790149	0.659497	0.90597
0.678942	0.712858	0.691212	0.910271	0.782385	0.671159	1.129102	0.96261	0.657957	0.838019
0.788151	0.622192	0.682604	0.879931	0.713229	0.724164	0.918953	0.830915	0.747268	0.739906
0.778483	0.670043	0.623981	0.774241	0.6943	0.735413	0.683997	0.704887	0.899529	0.656954
0.648836	0.707887	0.707315	0.821738	0.852918	0.924657	0.66637	0.607325	0.623957	0.626924
0.816428	0.863778	0.622629	0.702085	0.699159	0.817154	0.746116	0.632935	0.737003	0.960478
0.831288	0.836354	0.692003	0.594236	0.650664	0.718226	0.77215	0.953566	0.783696	0.764802
0.699174	0.699726	0.698385	0.727115	0.80987	0.730185	0.62691	0.944706	0.952213	0.622798
0.640406	0.659599	0.848556	0.918199	0.942841	0.732791	0.577685	0.740834	0.737003	0.694027
0.885257	0.795183	0.860061	0.813277	0.745525	0.673433	0.581375	0.751007	0.920123	0.884196
0.664731	0.833045	0.902916	0.650184	0.755609	0.872368	0.783803	0.830915	0.869734	0.780257
0.624691	0.63733	0.648348	0.642341	0.810922	0.679556	0.765494	0.813282	0.639149	0.667444
0.655989	0.701346	0.716432	0.849291	0.846011	0.661441	0.74702	0.724685	0.602459	0.75356
0.728841	0.77936	0.816816	0.720298	0.799486	0.760678	0.728432	0.830915	0.768558	0.861086
0.745356	0.921737	0.663652	0.799872	1.111657	0.890776	0.761736	0.921927	0.685735	0.716361
0.948309	1.011229	0.645493	0.716929	0.825926	0.796491	1.042443	0.708266	0.599089	0.805565
0.809184	0.813702	0.7513	0.859654	0.830309	0.646901	0.751565	0.66091	0.689026	0.782228
0.765298	0.875736	0.906794	0.742855	0.704073	0.671916	0.864712	0.898966	0.902219	0.787196
0.731408	0.742155	0.812614	0.924919	0.776507	0.854708	0.990347	0.92471	0.900872	0.789199
0.79208	0.749345	1.053712	1.006632	0.984765	1.077373	0.818628	0.720304	0.768558	0.963467
0.879186	0.945278	0.960636	0.871467	1.050853	1.178912	0.785776	0.616152	0.741639	0.749877
1.056969	0.712858	0.722336	0.683051	0.728641	0.788494	0.808092	0.712527	0.806898	0.577358
0.872011	0.696504	0.713927	0.666306	0.667747	0.866401	0.910966	0.854014	0.928642	0.573676
0.70077	0.74844	0.768898	0.788843	0.734785	0.89582	0.887848	0.673251	0.736081	0.581072
0.734853	0.885546	0.999029	0.674598	0.836969	0.976413	0.687926	0.741749	0.906286	0.758209
0.90145	0.955354	0.913335	0.69088	0.76215	0.714869	0.8866	0.970294	0.803661	0.877994
0.733127	0.835249	0.783312	0.642341	0.750996	1.021418	0.742522	1.017756	0.804737	0.754486
0.64742	0.805374	0.793194	0.914217	0.751915	0.798514	0.615405	0.867263	0.752016	0.674324
0.78913	0.774531	0.855422	0.810147	0.797439	0.674956	0.645118	0.97497	0.922944	0.687624
0.842222	0.826501	0.767011	0.88361	0.864679	0.63076	0.622135	0.840008	0.836021	0.984983
0.625363	0.76786	0.782336	0.727115	0.930182	0.733663	0.818628	0.790149	0.732415	0.850554
0.623351	0.908462	0.774606	0.761042	0.819432	0.699267	0.715627	0.782033	0.667282	0.808703
0.614085	0.759431	0.869491	0.963116	0.716607	0.60275	0.776	0.967204	0.790945	0.856373
0.854577	0.693306	0.806387	0.89992	0.736557	0.676484	0.764551	0.71683	0.793038	0.713822
0.877982	0.756657	0.701611	0.960168	0.881699	0.818214	0.849564	0.545995	0.665714	0.747135

0.870827	0.841927	0.78429	0.952886	0.767836	0.746061	0.93399	0.643033	0.558728	0.864654
0.832369	0.694902	0.725745	0.66556	0.61839	0.600817	1.046029	0.752883	0.627526	0.786198
0.780399	0.72554	0.830758	0.719453	0.698345	0.734537	0.894147	1.210488	0.830266	0.641679
0.746243	0.706242	0.876699	0.824953	0.884186	0.961407	0.75248	0.919162	1.090016	0.593686
0.808159	0.804344	0.881573	0.849291	0.912524	0.882088	0.68088	0.689999	0.840679	0.749877
0.681993	0.651566	0.704046	0.622996	0.557305	0.719069	0.781839	0.733583	1.050305	0.994541
0.608231	0.805374	0.715595	0.66333	0.623149	0.658493	0.762672	0.744506	0.853755	0.800384
0.636251	0.698918	0.779421	0.840282	0.670788	0.560328	0.628284	0.934593	0.647324	0.606019
0.75794	0.738604	0.856577	0.966084	1.043593	0.8422	0.692688	0.888567	0.687378	0.746225
0.951145	0.860254	0.839565	0.942891	1.014023	0.810852	0.697502	0.843468	0.814549	0.724933
0.690499	0.917711	0.620609	0.650184	0.869474	0.735413	0.618757	0.748209	0.83951	0.63883
0.635563	0.735959	0.774606	0.737545	0.704897	0.799529	0.747925	0.697379	0.62681	0.776341
0.838913	1.058425	0.999029	0.945723	0.830309	0.609258	0.787758	0.857588	0.756816	0.940115
0.938524	1.124081	0.816816	0.82603	0.895556	0.665899	0.654516	0.851648	0.766579	1.16373
0.840013	0.870914	0.59013	0.982779	1.177454	0.767231	0.831617	1.04267	0.888932	0.804523
0.772783	0.705422	0.663652	0.787854	0.932963	0.970349	0.948126	0.883459	0.755852	0.948726
0.962681	1.101075	0.997426	0.967575	0.733021	0.981018	0.884112	0.704887	0.858609	1.014312
1.177572	1.164572	0.949034	0.858491	0.60311	0.719914	0.885354	0.971847	1.022737	0.74441
1.027151	0.707887	0.703233	0.795829	0.615694	0.787504	1.066297	0.86119	0.738851	0.653268
0.739199	0.574222	0.642657	0.88238	0.95588	0.847841	0.709777	0.720304	0.681656	0.626233
0.75794	0.878168	0.835139	0.764772	1.075324	1.282913	0.77215	0.708266	0.738851	0.674324
0.930308	0.838575	0.782336	0.698854	0.797439	0.883319	0.819696	0.906932	0.895525	0.668963
0.802059	0.765973	0.902916	0.700467	0.690292	0.923304	0.800867	0.827554	0.918719	0.745317
0.843331	0.800249	0.919976	0.912898	0.725168	0.776767	0.769285	0.65562	0.857391	0.785202
0.785228	0.799231	0.818932	0.750945	1.010673	0.826783	0.69189	0.872182	1.157351	0.746225
0.796044	0.955354	0.836242	0.591714	0.831412	0.761608	0.941	0.989309	0.900872	1.062391
0.70077	0.717044	0.879129	0.641635	0.752835	0.789486	0.869482	0.984476	0.576205	0.661419
0.660338	0.844176	1.053712	1.130656	0.876768	0.792474	0.6055	0.855202	0.654129	0.540734
0.695999	0.780333	0.797211	0.948574	0.891733	0.528162	0.620105	1.076956	0.959849	0.745317
0.744471	0.685413	0.624659	0.831457	0.950037	0.655566	0.896693	0.982877	1.152522	0.879227
0.678942	0.629008	0.594536	0.757343	0.669265	0.706587	0.952459	0.928918	0.823461	0.786198
0.70157	0.711194	0.759547	0.83255	0.793374	0.589395	0.718158	0.686759	0.654892	0.654739
0.791094	0.812652	0.960636	0.879931	0.760271	0.613871	0.781839	0.802614	0.710179	0.786198
0.937144	0.805374	0.800248	0.777122	0.574074	0.637704	0.667875	0.777037	0.763627	0.739011
0.776574	0.695703	0.634951	0.90766	0.919231	1.028246	0.841621	0.658635	0.865994	0.761964
0.997662	0.703787	0.732646	1.124179	0.889202	0.855864	0.953912	0.884731	0.784724	0.772461
0.867293	0.764094	0.685715	0.770428	0.704073	0.73717	0.83052	0.672469	0.764609	1.029755
0.753404	0.809518	0.91598	0.77233	0.775535	0.821408	0.90442	0.699036	0.667282	0.749877
0.843331	0.704604	0.87308	0.926275	0.98792	0.812942	0.798824	0.940343	0.853755	0.593047
1.027151	0.681519	0.894	0.938677	1.073392	0.746961	0.667875	0.883459	0.85015	0.631787
1.027151	0.658128	0.731778	0.85043	0.801543	0.813992	0.794767	0.990931	1.026313	0.854036
0.841116	0.77839	0.840679	0.614961	0.760271	0.964367	0.979401	1.005816	0.82685	0.825835
0.715405	0.809518	0.792196	0.613637	0.896838	0.742483	0.776	0.822009	0.541339	0.654739
0.64742	0.723827	0.743207	0.931743	1.158286	0.755139	0.68478	0.675604	0.614812	0.63459
0.793067	0.968664	0.954796	0.749134	0.899413	0.721609	0.580141	0.793232	0.668068	0.573676
0.755213	0.759431	0.616597	0.633945	1.005696	0.786517	0.600954	0.842311	0.953729	0.782228
0.799041	0.848709	0.582064	0.668552	0.733902	0.725876	0.781839	0.748209	0.762647	0.800384

0.739199	1.049289	0.85427	1.077497	0.696723	0.689694	0.929837	0.676392	0.844207	0.948726
0.790111	1.146109	0.756781	0.70534	0.709877	0.638405	0.828333	0.836576	0.878587	0.754486
0.716233	0.759431	0.619938	0.889811	0.831412	0.73717	1.099609	1.109885	0.803661	0.724068
0.863788	0.614152	0.687278	0.931743	0.84487	0.851261	0.759869	0.646697	0.795142	1.105928
0.922246	0.719575	0.802285	0.908964	0.647037	0.93703	0.785776	0.583141	0.823461	0.942967
0.896403	1.132758	1.01539	1.000142	0.798462	0.93425	0.79175	0.65562	0.79938	0.783217
0.75612	0.791173	0.869491	0.613637	0.571638	0.679556	0.946692	1.080938	0.959849	0.800384
0.833453	0.735959	1.0055	0.859654	0.706551	0.77007	0.948126	0.949113	0.831411	0.758209
0.740949	0.772615	0.926721	0.93589	1.029427	0.831132	0.768334	0.752883	0.996814	0.859903
0.687387	0.781307	0.823195	0.661111	0.876768	0.831132	0.720704	0.80685	0.867237	0.854036
0.69128	0.680744	0.822125	0.648747	0.670788	0.652658	0.890357	1.004137	0.658726	0.74441
0.69128	0.735959	0.987933	0.689303	0.660237	0.747862	0.879181	0.787088	0.752972	0.640252
0.831288	0.898128	0.91864	0.818546	0.705723	0.67725	0.685565	0.986081	0.874771	0.749877
0.967087	1.065874	0.726602	0.945723	0.862301	0.562677	0.730169	0.997484	0.858609	0.761964
0.79505	0.84305	0.72489	0.761971	0.927418	0.740705	0.850711	0.901605	0.768558	0.966476
0.746243	0.836354	0.775565	0.675359	0.908549	0.981018	0.873094	0.863609	0.582621	0.769573
0.808159	0.968664	0.742317	0.618291	0.818359	0.854708	0.797806	0.968746	0.632573	0.841402
0.98058	0.807441	0.796204	0.866703	0.784363	0.810852	0.864712	0.964136	0.848955	0.857547
0.804083	0.706242	0.658491	0.808072	0.86707	0.76441	0.846142	0.779029	0.99514	0.762908
0.813308	0.747536	0.616597	0.88238	1.024231	0.987235	0.833821	0.715966	0.879867	0.842535
0.82699	0.961219	0.726602	0.894836	0.850603	0.688119	0.655248	0.686759	0.793038	1.038577
0.797041	0.671556	0.876699	1.023294	0.760271	0.743375	0.840498	0.780028	0.612036	0.785202
0.930308	0.642969	0.815761	0.790827	0.764983	0.771102	0.661887	0.606653	0.654892	0.63883
0.852304	0.708711	0.954796	0.858491	0.963297	0.902207	0.654516	0.701534	1.102674	0.813985
0.870827	0.764094	0.954796	0.920875	0.805687	0.781615	0.780861	0.832042	0.90357	0.97103
0.784258	0.772615	0.740543	0.491631	0.636336	0.773884	0.660403	0.780028	0.918719	0.748961
0.77944	0.920391	0.755863	0.654522	0.718306	0.837739	0.909649	0.848123	0.972353	0.758209
0.672901	0.673835	0.830758	0.924919	0.937169	0.794478	0.771193	0.810054	0.719823	0.706293
0.869646	0.679199	0.782336	0.905065	0.750996	0.743375	0.642978	0.743585	0.701594	0.804523
0.869646	0.746635	0.695182	0.636726	0.679262	0.76441	0.648709	0.769161	0.97077	0.850554
0.762524	0.864959	0.760473	0.823879	0.805687	0.92061	0.932601	0.771116	0.743507	0.687624
0.764372	0.802291	0.86475	0.912898	0.842598	0.789486	1.103702	1.037209	0.699897	0.690014
0.654549	0.766915	0.882799	0.701275	0.750996	0.715706	0.777938	0.943247	1.006998	1.00267
0.801051	0.773572	0.661433	0.758265	1.019097	0.773884	0.695088	0.965667	1.113511	0.967989
0.973032	0.935429	0.626698	0.902485	1.038226	0.834423	0.664123	0.784048	0.756816	0.855203
0.738326	0.797202	0.818932	0.931743	0.907232	0.860515	0.914941	0.811127	0.751062	1.051237
0.650258	0.925799	0.890234	0.741078	0.627961	0.756978	0.916274	0.813282	0.837181	0.975631
0.82806	0.85792	0.715595	0.661111	0.683169	0.686549	0.833821	0.874663	0.921531	0.956034
1.000842	0.77166	0.669627	0.90766	1.031173	0.811896	0.890357	0.90426	0.69401	0.704637
0.649546	0.695703	0.715595	0.888563	0.680821	0.866401	0.841621	0.66091	0.656422	0.802449
0.772783	0.904558	1.01706	0.843639	0.726034	0.904789	0.971748	0.647434	0.688201	0.793233
0.737455	0.999787	0.847422	0.788843	0.741915	0.687334	1.240281	1.030034	0.785755	0.735449
0.928954	0.700535	0.65339	0.902485	0.779436	0.723311	0.896693	1.145518	0.743507	0.688419
1.049766	0.820054	0.816816	0.856172	1.077264	1.014696	0.709777	0.644495	0.777577	0.731036
0.902721	0.961219	0.969546	0.704524	0.802575	0.833323	0.642978	0.718563	0.710179	0.852872
0.926258	0.888033	0.832943	0.77233	0.660982	0.741593	0.630353	0.830915	0.861057	0.697264
0.834539	0.629695	0.844037	0.824953	0.68632	0.752396	1.030121	1.028259	0.899529	0.68683

0.748022	0.760359	0.810529	0.893574	0.813034	0.802588	0.777938	0.714243	0.90765	0.722344
0.764372	0.974713	0.904205	0.675359	0.832518	0.748765	0.716469	0.768186	0.952213	0.747135
0.892655	0.898128	0.842915	0.66333	0.6943	0.73629	0.8866	0.986081	0.718054	0.592408
0.648128	0.722122	0.960636	0.70534	0.755609	0.939828	0.845007	1.014311	0.752972	0.710459
0.717893	0.7872	0.895263	0.856172	0.836969	0.839963	0.647988	0.747281	0.804737	0.715513
0.720395	0.818989	0.717271	0.845891	0.891733	0.65411	0.702371	0.959574	0.966056	0.701345
0.804083	0.893051	0.67038	0.777122	0.82375	0.679556	0.939589	0.790149	0.745384	0.88796
0.853439	0.878168	0.780391	0.709444	0.876768	0.766289	0.959777	1.04267	0.740708	0.886702
0.739199	0.977769	0.710608	0.738425	0.932963	0.88579	0.783803	0.872182	0.797256	0.711298
0.655268	0.722974	0.613943	0.728836	0.850603	1.024819	0.827244	0.94617	0.627526	0.745317
0.873199	0.85792	0.677214	0.905065	0.939996	0.726734	0.647269	0.777037	0.596412	0.721484
0.915639	0.77936	0.684935	0.77616	1.00241	0.879638	0.854169	0.912325	0.818982	0.917955
0.766227	1.107229	1.032391	0.950007	1.192407	0.909999	0.789749	0.819811	0.719823	0.803485
0.759768	0.828672	0.861229	0.876283	0.790349	0.65776	0.891617	0.931746	0.702445	1.01263
0.991373	0.735959	0.718952	1.014883	0.756537	0.659964	0.83052	0.944706	0.822337	0.92339
0.823794	0.874526	0.792196	0.856172	0.756537	0.702505	0.75801	0.676392	0.77455	0.953096
0.814346	0.976238	0.674924	0.780023	0.864679	0.89582	0.793759	0.689187	0.822337	0.823657
0.879186	0.905856	0.715595	0.778087	0.74462	0.692862	0.756159	0.674034	0.58979	0.740803
0.977545	0.703787	0.901631	0.859654	0.609687	0.65411	0.877956	0.815448	0.727876	0.775368
0.882818	0.642969	0.725745	0.73404	0.709043	0.666647	0.813328	0.85047	0.862286	0.74441
0.94549	0.657394	0.674924	0.840282	0.885434	0.855864	0.846142	0.754767	0.973941	0.876764
0.869646	0.817926	0.684935	0.77616	0.832518	0.708231	0.681657	0.667809	0.738851	0.975631
0.644601	0.596587	0.81471	0.653796	0.644876	0.739818	0.871886	0.803669	0.771543	0.941539
0.814346	0.554106	0.941937	0.789834	0.794386	0.802588	0.853013	0.938898	0.913149	0.809754
0.860311	0.621516	0.978642	0.90766	0.778457	0.754223	0.731912	0.95656	0.825717	0.661419
0.885257	0.883073	0.921317	0.93589	0.738336	0.789486	0.703187	0.816534	0.775557	0.805565
0.78329	0.741264	0.81471	0.592343	0.622466	0.875988	1.001577	0.818716	0.876039	0.862272
0.632819	0.723827	0.870684	0.650184	0.750996	0.78455	0.786766	0.780028	0.777577	0.692417
0.690499	0.735959	0.842915	0.875074	1.103316	0.926015	0.653786	0.874663	0.693175	0.757275
0.823794	0.830853	1.091753	0.966084	1.050853	1.018044	0.71144	0.71683	0.687378	0.724933
0.951145	0.840807	0.831849	0.679958	0.718306	1.148371	0.780861	0.816534	0.958311	0.840271
0.639017	0.932656	0.901631	0.779054	0.697533	0.879638	0.943837	0.989309	0.906286	0.627615
0.620684	0.815809	0.951906	0.891062	0.780417	0.651212	0.765494	0.995836	0.650336	0.617358
0.71129	0.817926	0.98637	0.818546	0.945705	0.769122	0.705647	0.759512	0.783696	0.852872
0.924917	0.809518	0.803307	0.751853	0.911195	0.793475	0.658924	0.96261	1.0921	1.022823
0.838913	0.881841	0.623305	0.774241	1.041797	0.833323	0.832718	0.880928	0.718938	0.763854
0.672901	0.890535	0.723186	0.636726	0.862301	0.688119	0.857655	0.893735	0.571139	0.764802
0.597384	0.932656	0.656297	0.539074	0.858758	0.694454	0.73454	0.78304	0.665714	0.816115
0.761604	0.839689	0.933571	0.806007	0.811977	0.756978	0.637321	0.971847	0.843028	1.047582
0.77944	0.959746	0.793194	0.736666	0.790349	0.779669	0.716469	0.794264	0.648075	0.733678
0.725443	0.835249	0.850832	0.814326	0.750996	0.786517	0.910966	0.668582	0.627526	0.815049
0.708026	0.945278	1.131265	1.030142	1.058237	0.795484	0.889101	0.692445	0.738851	0.804523
0.788151	1.095006	0.823195	0.817487	0.830309	0.718226	0.744315	0.698207	0.775557	0.849399
0.851172	0.990214	0.654115	0.620301	0.879226	0.787504	0.83052	0.984476	1.005284	0.802449
1.008893	0.863778	0.698385	0.795829	0.902004	0.868778	0.804981	0.785059	0.758751	0.92339
0.724598	0.900688	0.8275	0.948574	0.690292	0.815043	0.694287	0.694905	0.809071	0.956034
0.706403	0.896853	1.039383	0.841398	0.710713	0.623926	0.795778	0.857588	1.12238	0.96197

0.683528	0.65229	0.706495	0.735789	0.769748	0.709055	0.901829	1.019489	0.961392	0.791211
1.022095	0.769756	0.657758	0.872666	0.884186	0.7579	0.786766	0.792202	0.765592	0.817185
0.727139	0.716204	0.768898	0.797845	0.670026	0.834423	0.68478	0.648911	0.697364	0.804523
0.831288	0.956813	1.068531	0.793821	0.621103	0.745164	0.64943	0.704046	0.818982	0.693221
0.935768	0.754817	0.643364	0.853866	0.709043	0.710708	0.681657	0.832042	0.947695	0.696452
0.930308	0.59595	0.646205	0.995337	0.899413	0.807734	0.93399	0.715966	0.85255	0.696452
0.94269	0.818989	0.82642	0.761042	0.854079	1.065966	0.642266	0.644495	0.856175	0.935873
1.233787	1.302109	1.05921	0.738425	0.792363	0.892031	0.695088	0.756658	0.857391	0.577358
0.924917	1.006289	0.75312	0.787854	0.843733	1.075451	0.96722	1.010893	0.941743	0.736336
0.717893	0.707887	0.8624	0.985885	0.753758	0.923304	0.917612	0.665497	0.955251	0.727538
0.782324	0.731587	0.805358	0.750039	0.748252	0.964367	0.705647	0.818716	1.152522	0.727538
0.778483	0.973192	1.008771	0.789834	0.829209	0.790479	0.670142	0.796337	0.872245	0.969507
0.782324	0.814754	0.98637	0.785883	0.559661	0.710708	0.661144	0.958064	0.709313	0.798329
0.660338	0.711194	1.142289	0.916868	0.784363	0.971857	0.819696	0.958064	0.76167	0.588596
0.811241	0.752986	0.794195	0.821738	0.830309	0.735413	0.638728	0.90426	1.003577	0.697264
0.859158	0.784243	0.902916	0.77616	0.928797	0.78455	0.687926	0.807915	0.878587	0.782228
1.004044	0.931276	0.795198	0.844763	0.950037	0.873571	0.850711	0.753824	0.586517	0.687624
0.712931	0.722122	1.007132	0.751853	0.852918	0.971857	0.84842	0.815448	0.78267	0.679751
0.737455	0.752073	1.030661	0.923566	0.816221	0.830041	0.808092	1.028259	0.856175	0.692417
0.985173	0.996572	0.850832	0.842517	0.798462	0.65776	0.75248	0.859986	0.896855	0.680532
0.961222	0.856758	0.700802	0.739308	0.784363	0.670404	0.763611	0.829792	0.723384	0.845954
0.738326	0.777422	0.771743	0.763836	1.144445	1.009722	1.026664	0.864824	0.612036	0.655476
0.6418	1.042116	0.929448	0.709444	0.905919	0.815043	0.845007	0.86119	0.672021	0.761964
0.603093	0.855599	0.630805	0.937281	0.733021	0.665153	0.987192	1.061382	0.769551	0.981843
0.872011	0.847571	0.601552	0.813277	0.813034	0.731052	0.730169	0.728222	0.69401	0.944399
0.794057	0.848709	0.702421	0.759188	0.970843	0.830041	0.8165	0.742666	0.783696	0.805565
0.714579	0.982394	0.788225	0.743747	1.032925	0.987235	0.700742	0.769161	0.646575	0.734563
0.720395	0.739489	0.688062	0.71861	0.661729	0.696052	0.761736	0.820909	0.752016	0.89303
0.870827	0.624225	0.718952	0.951444	0.690292	0.70495	0.761736	0.814363	0.848955	0.805565
0.842222	0.751162	0.768898	0.849291	0.857584	1.042232	0.95101	0.663198	0.918719	0.913923
0.813308	0.837463	0.654115	0.920875	1.14218	0.902207	0.771193	0.762384	0.781647	0.88796
0.777527	0.794177	0.704861	0.729699	0.654321	0.66218	1.013104	0.780028	0.789902	1.247385
0.900182	0.610187	0.783312	0.824953	0.575909	0.64977	0.850711	0.835438	0.814549	0.805565
0.89515	0.84305	0.849692	0.952886	0.848301	0.715706	0.796791	0.6394	0.904926	0.682098
0.867293	0.917711	0.844037	1.222334	1.079214	0.882088	0.750652	0.669357	0.736081	0.763854
0.752503	0.754817	0.81471	0.77233	0.761209	0.745164	0.656714	0.652625	0.832559	0.760082
0.723754	0.809518	0.838455	0.611657	0.692692	0.709055	0.873094	0.770137	0.863518	0.934468
0.853439	0.812652	0.764197	0.685385	0.763092	0.832227	0.834926	1.063299	0.953729	0.731915
0.885257	0.702972	0.879129	0.906361	0.850603	0.802588	0.793759	0.921927	0.730594	0.68367
0.856861	0.886788	0.909399	0.993747	0.757467	0.92061	0.669385	0.736288	0.847763	0.711298
0.678942	0.686196	0.825342	0.648747	0.80882	0.861686	0.827244	0.712527	0.890242	0.774397
0.628736	0.65229	0.778454	0.759188	0.840338	0.819276	0.586969	0.748209	0.865994	0.63883
0.70398	0.689341	0.989501	0.876283	0.788344	0.731921	0.739845	0.724685	0.796198	1.01263
0.790111	0.765973	0.879129	0.698854	0.639874	0.672674	0.608776	0.671689	0.85255	1.064278
0.706403	0.715365	0.669627	0.539631	0.607044	0.7579	0.692688	0.778032	0.952213	0.873095
0.640406	0.751162	0.81157	0.685385	0.799486	0.906086	0.974793	0.878411	0.748214	0.670488
0.614741	0.777422	0.832943	0.849291	0.989506	0.720761	0.97786	0.96261	0.737926	0.629001

0.648836	0.64014	0.97407	1.01322	0.793374	0.855864	0.737184	0.90426	0.829125	0.611985
0.746243	0.701346	0.710608	0.643757	0.814094	0.981018	0.823993	0.949113	1.033555	0.903351
0.78913	1.067757	0.636342	0.573851	0.886687	0.779669	0.783803	0.995836	0.778591	0.679751
0.667684	0.915049	0.786253	0.86552	0.854079	0.573409	0.661887	1.078942	0.684099	0.714667
0.695209	0.927162	0.908094	0.963116	0.713229	0.689694	0.653786	0.715104	0.679227	0.680532
0.7862	0.848709	0.887742	0.802929	0.856413	0.803612	0.653057	0.817624	0.902219	0.851711
0.679703	0.848709	0.614605	0.66556	1.097164	0.866401	0.623494	0.731789	0.781647	0.759145
0.734853	0.837463	0.662171	0.636726	0.764037	0.728456	0.755236	0.790149	0.665714	0.752637
0.577072	0.805374	0.922661	1.006632	0.894278	0.641218	0.797806	0.733583	0.7216	0.690014
0.752503	0.823266	0.858897	0.722842	0.93436	0.667396	0.618084	0.765275	0.766579	0.829124
0.805098	0.826501	0.644782	0.677653	0.84945	0.819276	0.760801	1.012599	0.813448	0.789199
0.996081	0.847571	0.699189	0.680729	0.695106	0.846707	1.008126	0.824219	0.638414	0.908605
0.695999	1.042116	0.836242	0.867889	0.673851	0.627329	0.760801	0.687566	0.680036	0.761964
0.660338	0.890535	1.023807	0.923566	0.729513	0.743375	0.663376	0.848123	0.772543	0.660671
0.843331	0.789182	0.630805	0.830366	0.757467	0.672674	0.78282	0.965667	1.102674	0.843672
0.776574	0.595314	0.580837	0.670056	0.751915	0.72932	0.863528	0.739921	0.744444	0.828025
0.669912	0.619495	0.656297	0.645177	0.595346	0.89582	1.089544	0.685952	0.684099	0.788196
0.804083	0.908462	0.772695	0.860821	0.704073	0.726734	0.768334	0.835438	0.859831	0.727538
0.735719	0.712858	0.646918	1.216995	1.014023	0.694454	0.887848	0.823113	0.765592	0.780257
0.697584	0.571806	0.713095	0.919535	0.787345	0.794478	0.770238	0.566306	0.667282	0.746225
0.619356	0.601718	0.867114	0.781967	0.666235	0.866401	0.737184	0.562652	0.673612	0.948726
0.776574	0.735081	0.796204	0.69966	0.76215	0.792474	0.785776	0.740834	0.800447	0.816115
0.832369	0.707064	0.743207	0.881154	0.702429	0.982564	0.964227	0.897652	0.988506	0.739011
0.890175	0.789182	0.805358	0.976633	0.785355	0.951203	0.916274	0.96261	0.906286	0.742603
0.804083	0.782283	0.772695	0.685385	0.725168	0.903496	0.668629	0.721177	0.803661	0.868252
0.835628	0.872114	0.855422	0.728836	0.704073	0.805668	0.773109	0.747281	0.805816	0.745317
0.811241	0.702972	0.709782	0.774241	0.58646	0.813992	0.864712	0.913684	0.918719	0.734563
0.78329	0.606257	0.888986	0.876283	0.655792	0.752396	0.719005	0.73901	0.786788	0.673554
0.640406	0.64014	0.91864	0.730564	0.852918	0.719069	0.610754	0.689999	0.949195	0.855203
0.674403	0.826501	1.01706	0.76571	0.76215	0.667396	0.619431	0.697379	0.812349	0.953096
0.937144	0.804344	0.890234	0.743747	0.72777	0.834423	0.784789	0.933167	0.708448	0.652535
0.70884	0.724683	0.81471	0.790827	0.791355	0.985672	0.854169	0.66091	0.720711	0.570631
0.72629	0.760359	0.789214	0.70862	0.759334	0.725876	0.65745	0.683542	0.865994	0.712137
0.788151	0.804344	0.921317	0.696447	0.748252	0.703318	0.85186	0.767214	0.844207	0.802449
0.900182	0.690923	0.704861	0.704524	0.767836	0.834423	0.991934	1.000798	0.737003	0.682883
0.592372	0.702972	0.718952	0.746432	0.88294	0.898363	0.713947	0.692445	0.699897	0.659925
0.70077	0.709537	0.841796	0.727115	0.916535	0.645473	0.688716	0.906932	0.895525	0.686038
0.742707	0.726399	0.765133	0.902485	0.899413	0.602105	0.606153	0.931746	0.755852	0.598189
0.97005	0.711194	0.609336	0.65817	0.768791	0.676484	0.745215	0.803669	0.680036	0.821489
0.677424	0.841927	0.634257	0.546376	0.93436	0.828952	0.8659	0.836576	0.800447	0.808703
0.833453	1.130573	0.776526	0.755505	0.80987	0.696854	0.757083	0.964136	0.707586	0.737226
1.087036	0.968664	0.749489	0.951444	1.040008	0.714033	0.799844	1.040842	0.757783	0.685247
0.814346	0.845305	0.837347	0.784901	0.935762	0.775804	0.796791	0.823113	0.847763	0.701345
0.605655	0.744837	0.642657	0.655249	1.0871	0.836631	0.841621	0.815448	0.801515	0.977176
0.704786	0.829761	0.634257	0.726257	0.784363	0.722459	0.837146	0.884731	0.672021	0.647435
0.787175	0.659599	0.718952	0.90766	0.804647	0.592538	0.827244	0.933167	0.863518	0.693221
0.735719	0.626952	0.646918	0.679958	0.652855	0.681875	0.672421	0.575578	0.680036	0.802449

0.765298	0.815809	0.654115	0.726257	0.732141	0.93425	0.83052	0.566306	0.630403	0.774397
1.046209	1.186328	0.892741	0.824953	1.019097	0.913948	0.85186	0.687566	0.617605	0.831331
0.866122	0.76786	0.812614	0.938677	0.700791	0.692862	0.832718	0.870947	0.656422	0.710459
0.880393	0.782283	0.846291	0.940077	0.7584	0.690484	0.707294	0.742666	0.885024	0.947279
0.748022	1.049289	0.763263	1.02842	0.964796	0.904789	0.840498	0.641576	0.940268	0.789199
0.876781	0.878168	0.715595	0.879931	0.863488	0.698461	0.837146	0.72645	0.847763	0.907286
0.764372	0.548363	0.858897	0.761971	0.623833	0.775804	0.868285	0.832042	0.967621	0.978726
0.97906	0.647963	0.810529	0.716091	0.772632	0.822477	0.807053	0.878411	1.024521	0.701345
0.81852	0.740376	0.735263	0.785883	0.964796	0.780641	0.661144	0.827554	1.035384	0.89816
0.97005	0.719575	0.745888	0.871467	0.752835	0.709055	0.774071	0.715104	0.918719	0.966476
0.775624	0.878168	0.950468	0.7254	0.747341	1.148371	0.945262	0.804727	1.106976	1.1186
0.71129	0.769756	0.965068	0.809108	0.937169	1.081243	0.737184	0.727335	0.800447	0.773427
0.761604	0.673074	0.944762	0.884843	0.90987	0.917933	0.622135	0.837717	0.777577	0.586703
1.042681	0.782283	0.972557	0.96164	0.767836	0.807734	0.802919	0.842311	0.786788	0.664421
0.801051	0.752986	0.845162	0.676122	0.795402	1.044012	0.781839	0.845789	0.958311	0.759145
0.666944	0.814754	0.824267	0.713586	0.72777	0.84108	0.887848	0.995836	0.969193	0.697264
0.685067	0.720422	0.822125	0.85733	0.774565	0.813992	0.701555	0.915047	0.726074	0.672018
0.862626	0.943857	1.050085	0.878712	0.928797	0.968845	0.809134	0.683542	0.756816	0.764802
0.897659	0.980847	0.765133	0.625707	0.768791	0.746061	0.647269	0.742666	0.911768	0.808703
0.738326	0.949568	0.630117	0.653071	0.714071	0.853556	0.846142	0.798419	0.90357	0.653268
0.678942	0.925799	0.631493	0.791823	0.839212	0.792474	0.982501	0.836576	0.694846	0.778295
0.673652	0.881841	0.8624	0.742855	0.873105	0.657027	0.766438	0.762384	0.770546	0.789199
0.842222	0.949568	0.67798	0.694052	0.98634	0.708231	0.702371	0.997484	0.955251	0.823657
0.847794	0.874526	0.580224	0.768535	1.020802	0.751485	0.713947	0.787088	0.810161	0.903351
0.79505	0.780333	0.730911	0.859654	0.841466	0.945478	0.774071	0.671689	0.612036	0.714667
0.790111	0.840807	0.794195	1.016552	0.820508	0.696854	0.821839	0.668582	0.642846	0.784208
0.729695	0.799231	0.774606	0.812231	0.932963	0.663664	0.814383	1.022976	0.950701	0.954562
0.830209	0.635235	0.644072	0.710269	1.099205	0.904789	0.69993	0.835438	1.04092	0.749877
0.623351	0.614816	0.694385	0.650904	0.747341	0.89709	0.826158	0.669357	0.666497	0.820409
0.735719	0.747536	0.856577	0.819607	0.651393	0.700883	0.733662	0.645962	0.607906	0.964969
1.000842	0.821122	0.806387	0.700467	0.680041	0.688119	0.725841	0.714243	0.733329	0.842535
0.83672	0.850994	0.674924	0.83255	0.752835	0.674194	0.828333	0.902931	0.837181	0.817185
0.703175	0.703787	0.746786	0.769481	0.754682	0.644761	0.662631	0.598673	0.611345	0.75356
0.737455	0.823266	0.950468	0.89992	0.72777	0.8422	0.745215	0.681146	0.701594	0.842535
0.930308	0.59595	0.605427	0.69966	0.666991	0.688906	0.754315	0.74914	0.726074	0.668963
0.864953	0.598504	0.604778	0.845891	0.673851	0.649051	0.942416	1.01603	0.834864	0.673554
0.855718	0.622192	0.644072	0.873868	0.893003	0.630072	0.695891	0.803669	0.732415	0.680532
0.746243	0.717886	0.905498	0.824953	0.710713	0.900922	0.721556	0.691628	0.872245	0.916607
0.811241	0.74844	0.81157	0.680729	0.643441	0.625965	0.707294	0.775055	0.899529	0.761964
0.737455	0.721271	0.695182	0.661849	0.613682	0.873571	0.798824	0.67091	0.93152	0.64816
0.634875	0.670799	0.695981	0.810147	0.673851	0.8422	0.894147	0.752883	0.711917	0.723205
0.769025	0.791173	0.673404	0.774241	0.842598	0.728456	0.623494	0.829792	1.037222	0.931672
0.881604	0.904558	0.788225	0.658904	0.742815	0.715706	0.691095	0.723805	0.872245	0.700526
0.686612	0.633149	0.808453	0.732298	0.710713	0.955547	0.897971	0.86119	0.813448	0.576742
0.641102	0.647963	0.840679	0.750039	0.741915	0.906086	1.030121	1.004137	0.845389	0.640252
0.744471	0.900688	0.72746	0.622996	0.825926	0.719069	0.751565	0.841158	0.97077	0.739011
0.819569	0.85329	0.617263	0.662589	0.759334	0.725019	0.788753	0.663963	0.731504	0.791211

0.785228	0.798215	0.724037	0.640931	0.802575	0.796491	0.762672	0.73901	0.661818	0.659925
0.687387	0.812652	0.8624	0.746432	0.726901	0.768175	0.678556	0.78103	0.718938	0.600783
0.707214	0.791173	0.656297	0.667802	0.963297	0.66218	0.668629	0.738101	0.780626	0.616008
0.816428	0.868522	0.703233	0.810147	0.942841	0.75975	0.833821	0.787088	0.847763	0.65918
0.729695	0.850994	0.840679	0.706977	0.880461	0.680328	0.869482	0.829792	0.731504	0.864654
0.704786	1.056582	0.803307	0.677653	0.864679	0.756057	0.756159	0.799464	0.569255	0.665175
0.799041	0.854443	0.702421	0.778087	0.673851	0.603397	0.673946	0.822009	0.682469	0.715513
0.782324	0.84985	0.720641	0.790827	0.602457	0.712368	0.717312	0.868487	0.845389	0.646711
0.673652	0.643679	0.580224	0.575665	0.615022	0.854708	0.763611	0.675604	0.677616	0.799355
0.727139	0.783262	0.620609	0.792821	0.793374	0.865218	0.818628	0.739921	0.631848	0.825835
0.79804	0.941029	0.787238	0.783921	0.793374	0.618534	0.73104	0.815448	0.574933	0.915263
0.850043	0.745735	0.930818	1.030142	0.666991	0.610571	0.723265	0.944706	0.854964	0.806608
0.853439	0.828672	0.796204	0.819607	0.714915	0.8067	0.584473	0.603977	0.854964	0.835778
0.951145	0.879389	0.722336	0.841398	0.729513	0.63145	0.642266	0.663198	0.657957	0.718915
0.902721	0.722122	0.734389	0.847021	0.769748	0.605992	0.889101	0.78103	0.543696	0.875538
0.853439	0.562277	0.8624	0.840282	0.788344	0.894553	1.058817	0.78103	0.663372	1.029755
0.785228	0.549506	0.778454	0.945723	0.992696	1.164549	0.850711	0.708266	0.706725	0.698892
0.728841	0.629008	0.754032	1.014883	0.702429	0.671916	0.762672	0.778032	0.862286	0.68683
0.817472	0.885546	0.848556	0.963116	0.625892	0.645473	0.949566	0.827554	0.709313	0.717211
0.740073	0.891791	0.860061	0.653796	0.721723	0.831132	1.105763	1.238316	0.896855	0.89816
0.722912	0.673835	0.778454	0.650904	0.813034	0.790479	0.755236	1.07301	1.129152	0.747135
0.776574	0.683072	0.937734	0.655977	0.67462	0.89329	0.750652	0.837717	0.854964	0.844811
0.859158	0.790176	0.856577	0.640227	0.578986	0.76441	0.68088	0.596701	0.771543	0.721484
0.737455	1.019591	0.745888	0.539074	0.693495	1.006438	0.753397	0.747281	0.692342	0.885447
0.749809	0.912402	0.87549	0.750945	0.773597	0.826783	0.885354	0.817624	0.836021	0.654739
0.946897	0.919049	1.095747	0.942891	0.95149	0.777732	0.773109	0.751007	0.737926	0.72841
0.859158	0.805374	0.848556	0.704524	0.869474	0.903496	0.67166	0.763346	1.013923	0.864654
0.785228	1.006289	0.765133	0.960168	1.139927	1.023115	0.85186	0.843468	0.99514	0.875538
0.760685	1.029842	0.887742	1.130656	0.981632	0.744268	1.009779	1.078942	0.821215	0.780257
0.80307	1.152941	1.062915	0.778087	0.802575	0.665899	0.925723	0.845789	0.685735	0.915263
1.125674	0.909772	0.739658	0.66556	0.894278	0.796491	0.901829	0.958064	0.752016	0.88796
0.881604	0.956813	0.737016	0.808072	0.915194	0.904789	0.8866	1.0538	0.958311	0.765752
0.820622	0.813702	0.800248	0.906361	0.978522	0.689694	0.928461	0.86119	0.779607	0.841402
0.961222	1.103117	0.902916	1.124179	1.32478	0.785532	0.803949	1.1409	1.057962	0.960478
0.924917	0.905856	0.891486	0.926275	1.375812	0.998333	0.838261	2.03526	1.481107	0.917955
1.10491	0.909772	0.730045	0.831457	0.984765	1.301876	0.968724	1.005816	0.867237	1.045766
1.202226	1.261954	0.774606	0.941482	0.688699	0.859348	1.044232	0.815448	0.788861	0.948726
1.182392	1.407846	1.048283	1.230468	1.060102	0.819276	1.070086	1.103518	1.432738	1.188184
1.138626	0.856758	0.997426	1.345771	1.598228	1.141618	1.406297	1.096531	1.393381	1.756567
0.97906	0.917711	0.887742	1.20136	1.403768	0.938426	1.089544	1.084957	0.843028	1.077722
1.194682	1.132758	1.292925	1.483165	0.928797	1.222393	1.263412	0.836576	1.001876	1.178236
1.015444	0.955354	0.965068	1.130656	1.031173	1.148371	1.947896	2.508082	1.565067	1.672202
0.80307	0.979305	0.865931	1.324868	1.371961	1.047595	1.431791	1.709047	1.541386	1.588748
0.903995	1.126234	1.191915	1.042392	1.799979	1.255937	0.965721	0.780028	0.841852	1.911575
1.242049	0.970168	1.253685	0.972081	1.155948	1.498743	1.307115	1.434824	1.111322	1.477696
1.256178	0.890535	1.763898	1.878566	1.133238	2.119923	2.418178	1.30688	1.323564	1.435698
0.822734	1.042116	1.881181	1.684315	1.604732	2.621518	1.549579	1.306644	1.296371	1.340249

1.007271	1.3186	1.155899	1.356613	2.098143	1.792514	0.890357	0.815448	1.446692	2.051678
1.537005	2.103526	1.142289	0.920875	1.14218	1.446147	0.912287	1.559582	1.286453	1.426892
1.516109	1.298885	1.280469	1.105311	1.30462	1.235039	1.440633	1.095974	1.199336	1.112218
1.495213	1.308631	1.290822	1.709345	1.573146	1.26983	1.165458	1.026491	1.104096	1.827192
1.439218	2.421262	1.165215	1.282758	1.50039	1.083191	1.172627	1.492738	1.065294	1.084695
1.439218	1.494355	0.959169	1.113596	2.336916	1.249127	1.210877	1.191752	1.128523	1.074994
0.837815	1.794378	1.745602	1.685291	1.325628	1.298172	2.081343	1.201315	1.38922	1.019399
1.16111	1.335247	1.510269	1.380539	2.078199	1.270717	1.120469	1.299969	1.344594	1.588748
1.419684	1.935707	1.250809	1.315674	1.334464	0.990377	1.272414	1.421476	2.133911	0.672297
1.614872	1.399667	1.089769	1.143906	1.917181	1.353254	1.670779	1.210488	1.401824	0.972855
1.138626	1.302219	2.119834	1.135028	1.330585	1.424195	1.627486	1.571796	0.888932	1.056778
1.20477	1.643111	1.385824	1.459344	1.307916	0.844447	1.081656	1.411744	2.640536	1.116462
1.970347	1.085077	1.312305	2.159614	1.107467	1.139391	1.251693	2.802741	1.023396	1.094675
1.327842	1.360934	1.186937	1.124179	1.50039	1.919323	1.513395	0.93033	1.072888	1.143977
1.356583	1.374408	1.387881	1.270582	2.059131	1.437232	1.475314	1.330851	1.12238	1.393352
1.565326	1.416182	1.509582	1.352969	0.997526	0.955547	1.634409	2.802741	1.100538	1.209499
1.279475	0.945278	1.380089	1.150993	1.301349	1.564471	1.920083	1.605081	1.374577	1.219472
1.257749	1.021283	1.000638	1.226171	1.216358	1.258854	1.575754	1.129568	1.678485	1.529682
1.537005	1.43335	1.608473	2.038645	1.211452	1.206545	1.194176	1.181806	1.067727	1.106936
1.314498	1.373924	2.454356	1.181352	0.911195	1.419935	1.20036	1.197268	1.109143	1.76598
1.023773	1.206626	1.107953	2.235644	1.110803	1.123069	1.257513	2.000664	1.428185	1.043958
1.278292	1.019591	0.972557	1.040255	1.135334	1.255937	1.024946	1.030034	1.809158	1.358478
1.314125	1.349958	1.245112	1.436761	0.93436	1.159865	2.340697	1.462817	1.194256	1.301808
1.127806	1.186459	1.297535	0.898644	1.067646	1.387278	1.273571	0.48286	0.99843	2.674046
1.015444	1.871153	1.241997	1.575592	1.251717	1.450674	0.965721	1.106372	1.176698	0.890487
1.480523	1.325375	1.283686	1.195519	1.307916	1.279817	1.50296	1.247024	1.38922	1.405628
1.402949	2.103526	1.149041	1.04955	0.847154	3.043014	1.531271	1.559582	2.299997	2.674046
1.085585	1.166755	1.184469	2.208794	1.611334	1.432843	2.633294	2.708368	1.486254	1.16373
0.838913	1.332258	1.155305	1.20409	1.496986	0.999942	1.226426	1.401554	1.6114	1.136093
1.461679	1.143855	1.223712	1.099199	1.561129	1.663694	0.955371	1.316854	1.337666	1.358478
2.386512	1.531137	1.391829	1.29212	1.426624	1.493876	1.40219	1.313424	1.32726	2.359373
1.267822	1.357245	1.133448	2.183508	1.2935	1.78263	1.977614	1.472563	0.857391	0.801415
0.971538	1.615614	1.329876	1.214164	1.294881	0.928742	1.313734	0.962733	0.793038	0.907286
1.10491	1.411994	1.302507	1.062369	1.036452	0.998333	0.923003	1.002464	0.902219	1.389336
1.370524	1.004654	0.636342	0.764772	2.119046	1.142632	1.248811	1.448595	1.414804	1.047582
0.965613	1.174107	0.978642	0.797845	0.997526	1.270717	1.524087	1.327309	1.061842	0.804523
1.405535	1.236241	1.80298	1.62022	1.260929	0.767231	1.013104	1.134065	1.257992	1.27414
1.298376	1.469867	1.160532	0.922218	1.282225	0.834423	0.801892	1.421476	1.481107	1.142839
1.272912	1.029842	0.691212	1.176491	1.878586	2.504062	1.068188	1.320311	1.376972	1.005965
1.073624	1.247447	1.068394	2.264264	1.095133	1.169284	1.933767	1.050058	0.665714	0.740803
1.117249	1.070138	1.066651	0.90766	0.741915	0.964367	1.165458	0.86119	0.972353	0.930281
1.212493	1.029842	0.671889	0.810147	0.902004	0.815043	0.955371	1.192018	1.006998	1.170922
0.841116	0.676126	0.700802	0.750039	1.137686	0.813992	0.928461	1.199838	1.029919	1.271084
0.845557	0.666284	0.865931	1.03535	0.887943	0.976413	1.023234	0.640124	0.704152	0.922025
0.962681	0.765032	0.97407	0.89992	0.793374	0.942644	0.793759	0.657879	0.638414	0.696452
0.994506	0.827585	0.621281	0.914217	0.739228	0.741593	0.662631	0.683542	0.642104	0.655476
0.876781	0.614816	0.583296	0.836952	0.642725	0.73629	1.01814	0.848123	0.747268	0.570631

[illegible]

200	201	202	203	204	205	206	207	208	209
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0.409219	1.245448	0	0	0	0	0	0	0	0.37188
1.386788	0.818438	0.957116	0.478558	0.856599	1.704396	0.924573	2.16169	1.917002	1.575028
1.500882	1.095795	1.309618	1.23464	1.947971	1.730306	1.006417	0.842729	1.267774	1.748271
1.68832	1.364628	1.677007	0.782502	1.034843	1.088718	0.883184	0.978772	0.853211	1.014932
1.444851	0.869195	0.957209	0.864822	0.748733	0.786471	0.856541	1.055455	0.889345	0.752081
0.802477	0.75338	1.178676	0.932705	0.832835	0.807215	0.773871	0.798357	0.863607	0.744341
0.730409	0.825174	0.898065	0.999802	0.899576	0.77745	0.706187	0.693886	1.103174	0.800572
0.756054	0.821793	0.742589	0.823359	0.913145	0.800887	0.827969	0.743917	0.759963	0.785553
0.62889	0.703597	0.591073	0.579393	0.785143	0.724296	0.792579	0.961544	0.819854	0.721915
0.613119	0.792492	0.562188	0.56401	0.807253	0.772518	0.764811	0.819976	0.640288	0.567892
0.588486	0.69262	0.700518	0.782502	0.772	0.69956	0.507736	0.710792	0.651441	0.751106
0.811276	0.572469	0.558558	0.702382	0.604654	0.678521	0.541538	0.564995	0.671252	0.641503
0.670219	0.593189	0.556155	0.585702	0.609422	0.649496	0.626849	0.492002	0.593368	0.771037
0.70272	0.707032	0.687353	1.016614	0.83055	0.725174	0.603556	0.480185	0.527957	0.705824
0.650595	0.641545	0.798498	0.924308	0.645094	0.656197	0.727597	0.555849	0.584287	0.787667
0.696704	0.595183	0.753776	0.718473	0.593287	0.674589	0.710561	0.663472	0.645033	0.654562
0.660689	0.570576	0.736194	0.636906	0.881264	0.713033	0.556078	0.640148	0.645033	0.546091
0.710578	0.737374	0.724562	0.718473	0.679913	0.78445	0.71676	0.668917	0.717555	0.725573
0.733185	0.68518	0.649354	0.645572	0.578368	0.853114	0.588693	0.7048	0.876963	0.800572
0.620933	0.808526	0.711516	0.630517	0.688044	0.807215	0.704449	0.824432	0.896379	0.66562
0.602685	0.683543	0.770135	0.80613	0.751574	0.674589	0.796849	0.956962	0.771511	1.009601

0.612415	0.805271	0.910078	1.013199	0.993132	0.682488	0.705317	0.906797	0.797827	0.850242
0.774032	0.767018	0.614414	0.660412	0.84799	0.644354	0.639354	1.033163	0.876963	0.910534
0.87843	0.676256	0.654583	0.768725	0.924314	0.912491	0.838464	0.912245	0.716616	0.66562
0.834086	1.095795	1.074235	0.998156	0.796584	0.69708	1.020546	0.73929	0.614339	0.806064
0.816867	1.042267	0.862683	0.702382	0.63992	0.626474	0.895123	0.670486	0.727054	0.771037
0.855693	0.728228	0.60292	0.837879	0.599268	0.637114	0.908784	0.839239	0.741704	0.753058
0.879729	0.580768	0.71066	0.862412	0.833982	0.762819	0.723955	0.733803	0.675496	0.774107
0.726736	0.706171	0.712373	0.80613	0.802954	0.865085	0.705317	0.579403	0.700059	0.72374
1.081349	0.848414	0.827723	0.785512	0.734799	0.831239	0.579493	0.657332	0.693787	0.832263
0.778131	0.576279	0.784085	0.718473	0.706489	1.014234	0.663129	0.818869	0.845574	0.910534
0.547873	0.572469	0.874991	0.64194	0.621224	0.810413	0.737775	0.723031	0.728979	0.683586
0.70272	0.649777	0.629755	0.198844	0.586088	0.719929	0.57368	0.809032	0.716616	0.7845
0.742568	0.731863	0.682518	0.462094	0.552981	0.650235	0.747238	0.813377	0.702775	0.827592
0.610312	0.577557	0.800597	0.689279	0.71514	0.695434	0.870293	0.909512	0.792212	0.653783
0.67669	0.645268	1.13566	0.822262	0.787201	0.854296	0.745329	0.668135	0.690243	0.70059
0.766952	0.627684	0.764291	0.765829	0.784118	0.644354	0.803332	1.003422	0.635595	0.689462
0.644499	0.782122	0.694709	0.631929	0.703928	0.590839	0.604932	0.720379	0.83931	0.820677
0.825966	0.827443	0.705559	0.601229	0.983301	0.741301	0.782087	0.751424	0.792212	0.871561
0.704454	1.036707	0.74167	0.605865	0.774998	0.772518	0.701856	0.738371	0.560086	0.625165
0.642988	0.780078	0.768178	0.742417	0.626891	0.641444	0.645366	0.689761	0.644238	0.794071
0.780194	0.657399	0.60292	0.822262	0.668778	0.70039	0.734046	0.68082	0.85065	0.738625
0.62889	0.582705	0.613729	0.732502	0.701381	0.758999	0.807709	0.561313	0.715679	0.769002
0.795993	0.585303	0.537394	0.70993	0.642129	0.574373	0.605622	0.54219	0.535924	0.598317
0.623089	0.587916	0.654583	0.70572	0.578368	0.691347	0.709683	0.52838	0.608452	0.734855
0.574093	0.535516	0.75948	0.770667	0.549387	0.642897	0.653	0.598278	0.590554	0.705824
0.640731	0.489807	0.543752	0.597295	0.528996	0.590194	0.566049	0.648282	0.630182	0.608717
0.591825	0.488763	0.62132	0.652188	0.511155	0.52563	0.486754	0.437727	0.580158	0.581517
0.601313	0.693455	0.613729	0.706559	0.619819	0.650235	0.598092	0.526685	0.693787	0.617937
0.467873	0.764059	0.793296	0.618701	0.631191	0.591485	0.617523	0.574337	0.490736	0.546091
0.533572	0.578197	0.622016	0.5592	0.668778	0.481308	0.603556	0.709931	0.524329	0.534699
0.551523	0.616345	0.829969	0.670337	0.721299	0.487878	0.507185	0.642351	0.594075	0.696276
0.554589	0.568691	0.612363	0.59146	0.588692	0.472371	0.462249	0.689761	0.751753	0.668832
0.67669	0.746718	0.583989	0.50529	0.586088	0.683286	0.584726	0.513352	0.594075	0.519008
0.567705	0.633466	0.62622	0.617332	0.70478	0.587624	0.625401	0.592332	0.495781	0.486044
0.581885	0.694291	0.699683	0.678917	0.762153	0.501325	0.515522	0.642351	0.642654	0.686934
0.740675	0.626966	0.573263	0.598603	0.580285	0.543201	0.562908	0.85337	0.711953	0.689462
0.745423	0.627684	0.542009	0.602549	0.587388	0.576866	0.549353	0.569952	0.529173	0.574976
0.606829	0.604613	0.580806	0.758199	0.614936	0.618834	0.551787	0.462311	0.432409	0.603833
0.704454	0.752422	0.570158	0.607198	0.548791	0.528416	0.527469	0.538696	0.524329	0.669638
0.737851	0.709625	0.503731	0.502133	0.558428	0.537455	0.664709	0.889547	0.834364	0.742427
0.774032	0.614948	0.733482	0.659658	0.624049	0.590839	0.734975	0.618709	0.625596	0.651454
0.759985	0.84131	0.932292	0.687669	0.67114	0.799841	0.557312	0.451265	0.546567	0.718287
0.884964	0.751466	0.735288	0.668796	0.68396	0.620904	0.49524	0.569329	0.742699	0.677789
0.668616	0.615646	0.734384	0.680495	0.605332	0.814716	0.584069	0.766838	0.827048	0.594905
0.59519	0.686822	0.817762	0.92017	0.806175	0.759951	0.887127	0.6627	0.619556	0.590845
0.645256	0.616345	0.728999	0.682873	1.010027	0.853114	0.573039	0.75714	0.819854	0.790857
0.734114	0.70019	0.714094	0.558006	0.613551	0.795683	0.611882	0.81447	0.882423	0.891283

0.695001	0.629843	0.670659	0.6485	0.638453	0.707087	0.653	0.740212	0.539027	0.617937
0.606135	0.759172	0.93087	0.772617	0.789269	0.900475	0.671888	0.646791	0.582906	0.614368
0.762957	0.643775	0.926631	0.93412	0.842098	0.724296	0.652231	0.763906	0.854497	0.774107
0.954799	0.792492	0.701354	0.877079	0.728447	0.608627	0.703583	0.706504	0.738734	0.712902
0.692458	0.752422	0.6614	0.588252	0.806175	0.658454	0.712323	0.852175	0.526744	0.749162
0.665428	0.798835	0.589129	0.655907	1.006595	0.936138	0.809914	0.686488	0.622566	0.773081
0.63477	0.720158	0.719296	0.862412	0.65033	0.653952	0.549353	0.709931	0.681508	0.851468
0.822531	0.689297	0.795369	0.784506	0.584145	0.654699	0.600815	0.78486	0.751753	0.779272
0.877135	0.742956	0.74167	0.664965	0.677502	0.774484	0.648404	0.682432	0.740712	0.666421
1.100383	0.806353	0.885095	1.008127	0.826015	0.688105	0.712323	0.729282	0.825841	0.698859
0.891597	0.861747	0.961759	0.921545	0.645094	0.607284	0.671085	0.699729	0.737749	0.80496
0.898333	0.809616	0.919657	0.702382	0.686406	0.780436	0.883184	0.980372	0.677205	0.675327
0.817994	0.65205	0.659876	0.690895	0.727547	0.716467	0.649167	0.818869	0.894963	0.598317
0.860644	0.650534	0.755669	0.795699	1.044061	0.895239	0.543329	0.53696	0.719438	0.596266
0.882339	0.763077	0.805888	0.843596	0.857586	0.873666	0.638609	0.698052	0.862294	0.791926
0.832917	1.006479	0.855463	0.73969	0.690514	0.838028	0.789405	0.809032	0.973805	0.917622
0.780194	0.869195	0.774075	1.03949	0.785143	0.673026	0.85901	0.970856	0.728979	0.783449
0.786445	0.87933	0.868794	0.823359	0.86124	0.666062	0.775911	0.955445	0.912268	0.964352
0.8594	0.862979	0.866339	0.717611	1.055387	0.753332	0.682473	0.845071	0.889345	0.911942
1.320965	0.737374	0.832225	0.889691	0.998132	0.959635	0.925767	0.906797	0.692011	0.62371
0.954799	0.919591	1.003322	1.1967	0.907666	1.029914	1.158903	0.836928	0.685853	0.954906
0.727651	0.983073	0.877495	1.209873	0.879985	0.756156	0.794709	0.787937	1.045525	1.303831
0.932204	0.760145	0.689791	0.828887	0.746849	0.64217	0.709683	0.879262	0.886563	0.919053
1.257564	0.702743	0.745359	0.8746	0.774998	0.848416	0.775911	0.966175	0.708259	0.677789
0.80139	0.874233	1.115651	0.78652	0.820412	1.046182	0.823384	0.722145	0.827048	0.983883
0.961028	1.095795	1.008384	0.765829	0.708206	0.755213	0.750118	0.742988	0.885178	0.888601
0.902425	0.769002	0.679324	0.801927	0.645838	0.695434	0.917193	0.848608	0.90209	0.776166
0.875844	0.618448	0.865117	1.149999	0.849178	0.735859	0.89378	0.738371	0.789986	0.827592
0.750223	0.747663	0.833358	0.792617	0.881264	0.869968	0.723955	0.737453	0.811608	0.92193
0.91353	0.75338	0.816669	0.6485	0.804025	0.842615	0.735906	0.781804	0.750738	0.8358
1.100383	0.775008	0.767203	0.595341	0.634081	0.727821	0.727597	0.912245	0.692011	0.646067
0.622369	0.776018	1.05492	0.773595	0.829412	0.911139	0.83611	0.690583	0.630182	0.73205
0.732258	0.833167	0.810168	1.052325	0.941626	0.806153	0.732194	0.731989	0.833136	0.73205
0.932204	0.855635	0.696361	0.781503	0.833982	0.748665	0.928663	0.919153	1.025976	0.863917
0.68326	0.677864	0.714094	0.636906	0.84799	0.908449	1.063932	0.944974	0.720383	0.930678
0.636253	0.847222	0.859058	0.644843	0.787201	0.690534	0.818847	0.801532	0.723229	0.811626
0.678323	0.674653	0.74908	1.018331	0.835132	0.620213	0.727597	0.78079	0.797827	0.878036
0.759985	0.785207	0.735288	1.052325	0.770012	0.804039	0.899176	0.802595	0.725137	0.717385
0.910727	0.907116	0.688164	0.759145	0.633357	0.955131	0.77489	0.649777	0.726095	0.733918
0.755077	0.750512	0.835633	1.043118	0.885123	0.764742	0.741535	0.795204	0.863607	0.691156
0.80466	0.69262	0.839067	0.764868	0.626891	0.659965	0.818847	0.810114	0.633267	0.664023
0.881032	0.76603	0.821057	0.620763	0.59	0.683286	0.9019	1.051659	0.934916	0.763956
0.837613	0.568065	0.75948	0.73969	0.852761	0.740389	0.600815	0.742988	0.955548	0.645303
0.707943	0.715738	0.910078	0.893548	1.121353	0.878646	0.54996	0.725699	0.90353	0.746263
0.783309	0.860517	0.842529	0.832237	0.765084	0.750526	0.570484	0.595625	0.802372	0.832263
0.762957	0.747663	0.721044	0.64194	0.835132	0.986077	0.738712	0.714254	0.803516	0.779272
0.590486	0.725521	0.658357	0.67111	0.717769	0.848416	0.940444	0.864278	0.611385	0.646067

0.500295	0.752422	0.751892	0.811441	0.952053	0.627878	0.649167	0.7581	0.649027	0.715586
0.701855	0.854424	0.80165	0.736981	0.781057	0.653206	0.539754	0.731084	0.742699	0.900802
0.73879	0.864215	0.842529	0.689279	0.909029	0.785459	0.719444	0.909512	0.867571	0.779272
0.825966	0.842486	0.724562	0.697422	0.771005	0.749595	0.751082	0.7581	0.65631	0.681922
0.716791	1.006479	0.963286	0.960417	0.764105	0.749595	0.877982	0.679214	0.651441	0.80828
0.779161	0.759172	0.707253	0.702382	0.657921	0.618834	0.795777	0.818869	0.788877	0.692005
0.8594	0.646016	0.731683	0.964959	0.773996	0.651718	0.775911	0.717744	0.680644	0.710234
0.813504	0.772997	0.904698	1.03949	0.904953	0.728707	0.741535	0.65203	0.712882	0.673694
0.839981	0.713108	0.843689	0.878324	0.828276	0.920691	0.722145	0.755226	0.90353	0.839366
1.030628	0.653571	0.861472	0.8413	0.675903	0.78445	0.745329	0.810114	0.803516	0.658479
0.710578	0.651291	0.833358	0.784506	0.731158	0.919313	0.917193	0.835777	0.789986	0.718287
0.71323	0.698496	0.756619	0.93412	0.756351	0.768612	0.663918	0.678413	0.896379	0.727414
0.760974	0.783148	0.84836	0.774576	0.757312	0.694613	0.619658	0.756182	1.04353	0.760957
0.902425	0.827443	0.74908	0.615967	0.757312	0.736761	0.752049	0.779778	0.724182	0.860145
0.72491	0.721938	0.533965	0.534222	1.04035	0.848416	0.876691	0.867976	0.648225	0.88994
0.70882	0.898994	0.872502	0.773595	0.856375	0.724296	0.686614	0.751424	0.672098	0.622984
0.769972	0.776018	1.013506	1.03949	0.763128	0.614041	0.669482	0.89085	0.711953	0.667223
1.09182	0.776018	0.673005	0.67111	0.708206	0.812559	0.723049	0.75714	1.078757	1.108334
0.763953	0.747663	0.904698	0.836745	0.857586	1.015948	0.840832	0.598278	0.794449	0.93661
0.62889	0.894989	0.829969	0.892258	0.787201	0.663003	0.607699	0.583241	0.712882	1.036937
0.775053	0.861747	0.954203	0.978877	0.63992	0.720799	0.895123	0.754273	0.622566	0.829921
1.075185	0.725521	0.68012	0.746079	0.736631	0.797757	0.88845	0.773758	0.594782	0.596266
0.82827	0.603253	0.655335	0.900052	0.868641	0.89394	0.814357	0.974005	0.800094	0.637735
0.950185	0.779059	0.742589	0.85526	0.842098	0.730484	0.684125	0.57623	0.748714	0.838174
0.760974	0.790398	0.921043	0.728069	0.708206	0.866301	0.911569	0.729282	0.889345	0.872849
0.691614	0.721047	0.797453	0.631223	0.751574	0.786471	0.860249	0.863052	0.69736	0.578889
0.873274	0.665157	0.703031	0.735184	0.790306	0.748665	0.732194	0.943499	0.677205	0.690308
0.8594	0.690956	0.882547	0.873365	0.713396	0.739479	0.749156	0.783839	0.758928	0.839366
0.760974	0.797771	0.837919	0.64194	0.696332	0.742215	0.589358	0.792075	1.100897	0.845375
0.668616	1.065247	0.851897	0.624222	0.738471	0.756156	0.638609	0.81447	0.723229	0.648368
0.651363	0.856851	0.894133	0.747922	0.711659	0.596034	0.708806	0.78282	0.631722	0.598317
0.656779	0.855635	0.887658	0.862412	0.852761	0.678521	0.679189	0.707358	0.646626	0.72374
0.642988	0.682728	0.688164	0.67656	0.837442	0.712178	0.627575	0.819976	0.774715	0.958032
0.675876	0.670671	0.639081	0.697422	0.877438	0.73406	0.699278	0.828935	0.753791	0.862656
0.675876	0.777029	0.921043	0.747922	0.783095	0.688105	0.819977	0.67206	0.673794	1.009601
0.730409	0.848414	0.791232	0.945611	0.772	0.765706	0.738712	0.715124	0.632494	0.719191
0.784352	0.797771	0.56769	0.685264	0.648078	0.605278	0.792579	0.85577	0.871571	0.896697
0.933674	0.614948	0.701354	0.827775	0.849178	0.772518	0.788352	0.805802	0.652249	0.791926
0.815743	0.605977	0.717555	0.771641	0.955078	1.002418	0.769821	0.7048	0.64983	0.836985
0.888931	0.752422	0.929452	0.784506	0.657921	0.856671	0.854087	0.881811	0.764127	0.634745
0.869446	0.909857	0.961759	0.824459	0.544051	0.84725	1.027787	0.893467	0.728979	0.519008
0.782268	0.721047	1.016955	0.856444	0.758276	0.7735	0.665501	0.756182	0.666214	0.726492
0.758999	0.707895	0.800597	0.698245	0.728447	0.640719	0.645366	0.703951	0.823436	0.716485
0.768963	0.756266	0.928039	0.606531	0.634081	0.585706	0.686614	0.748594	0.92876	0.917622
1.02514	0.737374	0.768178	0.661924	0.722186	0.702889	0.756913	0.801532	0.558128	0.829921
0.560162	0.594518	0.791232	0.668796	0.790306	0.940448	0.721243	0.722145	0.557478	0.702328
0.620933	0.69262	0.929452	0.844748	0.649578	0.785459	0.707931	0.867976	0.699157	0.728337

0.983562	0.747663	0.587838	0.719337	0.621224	0.549611	0.704449	1.116771	0.853211	0.954906
0.620933	0.696809	0.663696	0.735184	0.672722	0.597343	0.757892	0.7581	0.717555	1.160074
0.618075	0.941213	0.785099	0.746999	0.927152	0.912491	0.908784	0.680016	0.550387	0.710234
0.726736	1.034869	0.873745	0.702382	0.66721	0.653952	0.793643	0.630011	0.591255	0.690308
0.912126	0.860517	0.991735	0.843596	0.619819	0.586344	0.839646	0.88309	0.800094	0.728337
0.978634	0.732777	0.779051	0.778521	0.646583	0.722544	0.832602	0.799412	0.800094	0.66562
0.771998	0.708759	0.637633	0.941266	0.822645	0.919313	0.760844	0.731989	0.845574	0.747227
1.002126	0.828582	0.738923	0.847062	0.76021	0.842615	0.797922	0.822199	1.025976	0.919053
0.753129	0.843665	0.963286	0.825562	0.627605	0.855482	1.022345	0.751424	0.769389	0.964352
0.642988	0.703597	0.929452	0.878324	0.661768	0.688105	0.696716	0.622913	0.728015	0.554061
0.687416	0.612861	0.711516	0.85526	1.057304	0.883685	0.6735	0.846247	0.725137	0.60942
0.990221	0.838968	0.868794	0.893548	0.788234	0.790541	0.700136	0.760027	0.864925	0.750133
1.23341	0.788314	0.743511	0.712475	0.773996	0.936138	0.761832	0.635774	0.825841	0.90356
0.864394	0.837802	0.631176	0.709085	0.8193	0.881158	1.203039	0.746717	0.711953	0.620093
0.74162	0.686	0.802706	0.769695	0.941626	0.765706	1.03888	1.03863	0.730913	0.710234
0.740675	0.809616	1.025698	0.904002	0.898242	0.698732	0.663129	0.89085	0.705508	0.712011
0.953255	0.854424	0.755669	0.61325	0.66721	0.848416	0.723049	1.136991	0.830691	0.871561
0.874557	0.960865	0.670659	0.677344	0.70478	0.825661	0.754961	1.072958	1.096377	0.760957
0.681608	0.781099	0.789178	1.212556	0.856375	0.769585	0.800078	0.779778	0.632494	0.692856
0.620933	0.967095	0.940924	0.909325	0.894264	0.728707	0.749156	0.578766	0.616567	0.821822
0.629621	0.942694	0.785099	0.698245	0.815981	0.655447	0.766808	0.827805	0.816301	1.093085
0.813504	0.609405	0.663696	0.802974	0.790306	0.62368	0.80881	0.845071	0.677205	0.752081
0.898333	0.740156	0.736194	0.748846	0.67114	0.688105	0.833768	0.716869	0.748714	0.917622
0.903797	0.926679	0.726331	0.879572	0.648078	0.749595	0.852865	0.977177	0.829473	0.89263
0.811276	0.742956	0.610322	0.645572	0.657156	0.621596	0.921458	1.091197	1.031749	0.727414
1.16307	0.635655	0.665234	0.800883	0.809419	0.77547	0.815476	0.777762	0.930291	0.729262
0.948658	0.757233	0.778051	0.699069	0.732975	0.771538	0.756913	0.727487	1.063904	0.690308
0.827116	0.755302	0.876242	0.779513	0.725752	0.731375	0.581448	0.87421	1.094135	0.851468
0.884964	0.695129	0.813406	0.896138	0.687224	0.888782	0.879277	1.018914	1.051565	0.791926
0.784352	0.634924	0.773087	0.93412	0.662541	0.961146	0.969777	0.88309	0.894963	0.649908
0.671828	0.662037	0.753776	0.793642	0.71953	0.736761	0.701856	0.81447	0.906423	0.666421
0.783309	0.778043	0.851897	0.716751	0.931444	0.83917	0.528046	0.774756	0.9242	0.875435
0.977004	0.903036	0.839067	0.730723	0.906307	0.758999	0.618945	0.774756	0.664548	0.90913
0.704454	0.756266	1.023935	0.751631	0.83055	1.019398	0.999521	0.859396	0.706423	0.744341
0.646775	0.746718	1.147188	0.906655	0.811595	0.703725	0.680828	0.831204	0.698258	0.870278
0.80466	0.763077	0.74167	1.018331	0.754433	0.714747	0.700136	1.087077	0.83683	0.978917
0.874557	0.901684	0.779051	0.954434	0.788234	0.695434	0.714093	0.840399	0.912268	0.811626
0.890262	0.883192	0.676153	0.991634	1.038507	0.808278	0.863988	0.702257	0.823436	0.705824
0.86314	0.960865	0.773087	0.715036	0.986554	0.820154	0.745329	0.679214	0.696464	0.871561
0.93663	0.84131	0.850715	0.827775	0.652593	0.702889	0.963435	0.910877	0.813948	1.218823
1.055248	0.669879	0.940924	0.809309	0.706489	0.799841	0.91861	0.991744	0.756866	0.717385
0.797067	0.639327	0.72368	0.751631	0.867399	0.83462	0.84922	0.693886	0.882423	0.660846
1.049442	0.743893	0.709805	0.858821	0.980073	0.816883	0.744378	0.696381	0.759963	0.765967
0.827116	0.789355	0.883819	0.809309	0.718648	0.827884	0.802245	0.640881	0.889345	0.923376
0.651363	0.707895	0.996663	0.784506	0.846805	0.871197	0.855313	0.699729	0.781194	0.799482
0.663842	0.613556	0.914158	0.840157	0.860018	1.086691	0.726684	1.001735	0.982365	0.678612
0.816867	0.676256	0.932292	0.945611	0.902256	1.004086	0.79046	0.863052	0.758928	0.658479

0.930739	0.636387	0.870026	0.774576	0.797639	0.81797	0.606313	0.847426	0.945904	0.895337
0.874557	0.900337	0.803764	0.622143	0.73755	0.887502	0.856541	0.961544	1.009105	0.796227
0.704454	0.760145	0.798498	0.686064	0.770012	0.639273	1.042641	0.952428	0.65631	0.560921
0.835259	1.085371	0.89675	0.889691	0.937233	0.648758	0.81213	0.827805	0.751753	0.792997
0.871994	0.94567	0.853082	0.880824	0.850369	0.662241	0.641599	1.057365	1.103174	1.082511
0.923485	0.809616	0.770135	0.757254	0.996459	0.764742	0.794709	0.8961	0.750738	0.776166
0.944108	0.755302	0.865117	0.818987	0.822645	0.862664	0.805515	0.743917	0.655494	0.764961
0.926372	1.095795	1.147188	1.013199	0.794482	0.730484	0.771841	0.785883	0.817482	0.796227
0.812389	0.893662	0.764291	0.795699	0.801886	0.738571	0.826818	0.937646	0.950699	0.977275
0.950185	0.655864	0.730787	0.807187	0.881264	0.73406	0.979467	0.797303	0.766224	0.988906
1.0671	0.724623	0.833358	0.78652	0.862464	0.761861	0.718548	0.729282	0.628648	0.735795
0.981913	0.829724	0.883819	1.133985	0.807253	0.946262	0.727597	0.619406	0.711953	0.93661
1.071124	1.216645	0.946775	0.931294	0.838601	0.89394	0.731271	0.734712	0.728979	0.817261
0.753129	0.771995	0.728108	0.864822	0.672722	0.83917	1.009906	1.125642	0.944317	0.697997
0.950185	0.666725	0.872502	0.982031	0.660996	0.670693	0.730349	0.746717	0.858378	0.750133
0.794922	0.752422	0.93515	0.765829	0.753478	0.739479	0.598092	0.833484	1.254632	0.696276
0.744469	0.782122	0.811245	0.675777	0.672722	0.736761	0.740592	0.943499	1.057691	0.951803
0.743517	0.729134	0.93515	0.820076	0.735714	0.933288	0.937469	1.074947	0.813948	0.836985
0.620217	0.948667	1.348681	1.136237	0.961194	1.021133	0.725772	0.751424	0.835595	0.718287
0.763953	0.926679	0.964819	0.861212	1.070963	0.811485	0.83611	0.953934	1.020279	0.724655
0.856925	0.785207	0.754722	0.716751	0.879985	0.736761	0.834938	0.827805	0.878322	0.819536
0.714117	0.736451	0.784085	0.711625	0.84799	0.958128	0.951022	0.944974	0.690243	0.896697
0.663842	0.87933	0.878753	0.663442	0.849178	0.841464	0.650696	0.778769	0.618807	0.65068
0.906556	0.715738	0.765259	0.836745	0.84327	0.641444	0.631955	0.937646	0.572018	0.617937
1.041818	0.894989	0.707253	0.896138	0.799758	0.656948	0.653771	0.793116	0.789986	0.754038
0.821393	0.821793	0.708102	0.589532	0.718648	0.841464	0.960298	0.736538	0.853211	1.170182
0.751189	0.97983	0.770135	0.663442	0.927152	0.884953	0.843212	0.775755	0.838068	0.779272
0.817994	0.926679	0.841372	0.74516	0.692998	0.681692	0.684953	0.802595	0.716616	0.84902
0.888931	0.676256	0.803764	0.92017	0.693829	0.728707	0.819977	0.709931	0.641864	0.715586
0.850797	0.677864	0.758524	0.877079	0.950548	0.806153	0.794709	0.889547	0.978921	0.763956
0.807956	0.876774	0.697189	0.821168	0.87871	0.807215	0.743428	0.742988	0.878322	0.742427
0.747336	0.938267	0.814491	0.732502	0.755391	0.822348	0.768814	0.656571	0.713812	0.762954
0.811276	0.675453	0.808023	0.658905	0.585439	0.754272	0.961863	0.716869	0.729945	0.819536
0.782268	0.7383	0.814491	0.587613	0.661768	0.757102	0.743428	0.791037	0.85065	0.649137
1.155641	0.778043	0.828845	0.975745	0.998132	0.871197	0.706187	0.886953	0.706423	0.603833
1.680028	0.885786	0.980449	0.898743	0.811595	0.655447	0.52117	0.725699	0.809281	0.599689
0.839981	0.803115	0.886375	0.67656	0.757312	0.900475	0.650696	0.710792	0.874259	0.899429
0.653676	0.726421	0.778051	0.686064	0.887715	0.896542	1.027787	0.833484	0.662888	0.679437
0.645256	0.635655	0.794331	0.799841	0.909029	0.683286	0.666294	0.87421	0.750738	0.677789
0.762957	0.786241	0.850715	0.791595	0.727547	0.688913	0.525168	0.828935	0.881051	0.813872
0.794922	0.779059	0.684929	0.707399	0.947553	0.919313	0.71676	1.053553	1.02217	0.924827
0.789605	1.006479	0.910078	0.73969	1.095428	0.981292	0.742481	0.902755	0.900655	0.875435
0.652904	0.79671	0.911434	0.8413	0.98983	0.629992	0.773871	0.85577	0.643445	0.729262
0.653676	0.914002	1.051157	0.868463	0.806175	0.760905	0.832602	0.819976	0.731883	0.703199
0.792787	0.805271	0.79641	0.747922	0.946064	0.685689	0.678371	0.993394	0.813948	0.829921
0.894278	0.871707	0.615099	0.893548	0.983301	0.747738	0.741535	0.715124	0.66705	0.839366
0.71948	0.804192	0.699683	0.97109	0.853962	0.746812	1.018754	0.762933	0.626357	0.935119

0.729488	0.788314	0.867565	0.898743	0.806175	0.637114	0.788352	0.774756	0.654681	0.824121
0.830587	0.71927	0.729892	0.813584	0.670351	0.599313	0.760844	0.760994	0.906423	0.983883
0.990221	0.598527	0.722799	0.862412	0.813783	0.695434	0.86776	0.905445	0.896379	0.811626
0.854464	0.848414	0.945305	0.731612	0.710793	0.832363	0.754961	0.677614	0.906423	0.842961
0.942602	1.11301	1.04373	0.699069	0.64733	0.666062	0.659205	0.686488	0.931827	0.953352
0.847162	0.712235	0.812324	0.813584	0.786171	0.752395	0.707931	0.802595	0.76204	0.671256
0.87843	0.604613	0.880014	1.169054	0.570156	0.737665	0.91578	0.695548	0.748714	0.692856
0.778131	0.703597	0.713233	0.868463	0.734799	0.680103	0.704449	0.644565	0.931827	0.718287
0.842361	0.730042	0.938028	0.746079	0.896912	0.946262	0.561658	0.797303	0.953926	0.861398
1.034327	0.786241	0.866339	0.768725	0.750624	0.761861	0.641599	0.763906	0.800094	0.672067
0.749259	0.776018	0.921043	0.721938	0.689689	0.734958	0.860249	0.897423	0.843057	0.607316
0.705324	0.597857	0.828845	0.80613	0.732065	0.747738	0.741535	0.794159	0.949095	0.791926
0.679142	0.674653	0.886375	0.789558	0.797639	0.618146	0.541538	0.813377	1.078757	0.919053
0.699272	0.737374	0.904698	0.741506	0.785143	0.751459	0.737775	0.790001	0.841805	0.83109
1.045613	0.793543	0.862683	0.8746	0.953563	0.841464	0.910175	0.849794	0.776864	0.750133
0.669416	0.811805	1.249458	0.990019	0.83055	0.927644	0.753017	0.715124	0.770449	0.670447
0.723093	0.771995	0.932292	0.843596	0.907666	0.731375	0.686614	0.978772	0.99821	0.80828
0.742568	0.800969	0.948251	0.854079	1.063105	0.767641	0.757892	1.000054	0.758928	0.778234
0.767956	0.712235	0.679324	0.713327	0.790306	0.765706	0.843212	0.970856	0.675496	0.738625
0.629621	0.767018	0.594986	0.717611	0.922902	0.907109	0.965011	0.875467	0.708259	0.775135
0.698414	0.908484	0.915526	0.725431	0.924314	0.693795	0.776934	1.110235	0.780107	0.785553
0.93515	0.999662	0.75948	0.936964	1.099643	0.715606	0.786253	0.810114	0.907877	0.791926
0.684088	0.707032	0.789178	0.804023	0.896912	0.732268	0.742481	0.744848	0.738734	0.88994
0.855693	0.872968	0.727219	0.727188	0.984924	0.79259	0.723049	0.669701	0.628648	0.73205
0.895626	1.102171	0.866339	0.821168	0.842098	0.69956	0.845605	0.856976	0.700059	0.840561
0.933674	0.733693	0.837919	1.201921	0.71514	0.731375	1.025965	0.996711	0.973805	0.814998
0.788549	0.727324	0.689791	0.836745	0.679913	0.671469	0.933043	0.747654	0.906423	0.622984
0.817994	1.085371	0.720169	0.909325	0.799758	0.949198	0.884495	0.67206	0.797827	0.811626
0.824818	0.941213	0.785099	0.78753	0.913145	0.795683	0.765808	0.770779	0.680644	1.029478
0.909332	0.68518	0.906037	0.957415	0.664092	0.644354	0.875404	0.921948	0.661234	0.796227
0.817994	0.604613	0.684124	0.870907	0.636261	0.650976	0.690794	0.71252	0.99821	0.86645
0.866913	0.881901	0.693064	0.835614	0.716014	0.93757	0.871565	0.737453	0.846837	0.847802
0.790663	0.810709	0.827723	0.817901	0.965837	0.909792	1.0801	0.759063	0.641075	0.879343
0.761964	0.720158	0.821057	0.964959	0.713396	0.851934	1.067918	0.85577	0.699157	0.852697
1.01972	0.772997	0.902032	0.93554	0.716014	0.814716	0.723049	0.775755	0.982365	0.693708
0.843557	0.76603	0.861472	1.077219	0.94458	0.796719	0.553621	0.695548	0.833136	0.671256
0.968942	0.724623	0.750015	1.018331	0.829412	0.676157	0.655317	0.627869	0.840556	0.895337
0.747336	0.573102	0.846018	0.707399	0.771005	1.004086	1.063932	1.053553	1.555015	1.273608
0.824818	0.717501	0.915526	0.735184	0.909029	0.83349	0.715869	0.917763	1.018397	0.83109
0.865652	0.677864	0.834494	0.784506	0.860018	0.765706	0.612583	0.85337	0.758928	0.671256
0.868177	0.769997	0.926631	0.690087	0.761181	0.704563	0.64461	0.667355	0.777942	0.684421
0.799223	0.71486	0.861472	0.703214	0.609422	0.851934	0.880575	0.730182	0.896379	0.850242
0.758015	0.778043	0.903363	0.715892	0.782075	0.69956	0.756913	0.942028	0.772577	0.611533
0.780194	0.833167	0.964819	1.079194	1.13492	0.755213	0.672693	1.112403	0.715679	0.824121
0.775053	0.688471	1.06835	0.807187	0.827144	0.857863	0.833768	0.955445	0.870234	0.911942
0.967348	0.802041	0.770135	0.60321	0.755391	0.748665	0.727597	1.132416	1.072329	0.88994
0.748296	0.787276	0.705559	0.615286	0.956599	0.929048	0.763816	0.85337	0.745696	0.876733

0.602685	0.722831	0.686544	0.636191	0.788234	0.630699	0.778988	0.949431	0.626357	0.803859
0.697558	0.836639	1.031029	0.999802	0.913145	0.614041	0.713207	0.7581	0.795572	0.840561
0.807956	0.759172	0.806954	0.93412	1.170817	0.70039	0.708806	0.885661	0.827048	0.83109
1.036187	1.011662	0.646394	0.836745	1.042202	0.7735	0.772855	0.819976	0.675496	0.744341
0.71146	0.767018	0.625517	0.797765	0.857586	0.730484	0.88845	0.728383	0.68411	1.006082
0.652133	0.900337	0.738923	0.796731	0.709929	0.785459	0.831439	0.670486	0.703684	0.885935
0.838796	0.860517	0.854271	0.744244	0.767048	0.688913	0.749156	0.810114	0.780107	0.780313
0.944108	0.903036	0.631889	0.740597	0.9173	0.815798	0.876691	1.110235	0.843057	0.751106
0.930739	0.800969	0.699683	0.761044	0.788234	0.820154	0.751082	0.709072	0.786668	1.188456
0.707943	0.830869	0.898065	1.143064	0.805098	1.012526	0.94344	0.614545	0.879684	0.932154
0.844755	0.94418	0.818857	0.892258	0.8193	0.731375	0.879277	0.86674	1.014656	0.858894
0.877135	0.717501	0.752833	0.857631	0.978468	0.735859	0.951022	1.105932	0.900655	0.801665
0.793853	0.589228	0.587194	0.714181	0.660996	0.688105	0.685782	0.746717	0.699157	0.803859
0.838796	0.872968	0.828845	0.801927	0.644351	0.791564	0.763816	0.746717	0.672098	0.707583
0.736914	0.970244	0.775066	0.730723	0.688866	0.764742	0.82567	0.92476	0.927235	0.617221
0.860644	0.691787	0.750015	0.922925	0.87617	0.8799	1.004682	0.906797	0.851929	0.669638
0.944108	0.620562	0.72368	1.325671	0.975276	0.869968	0.9019	0.738371	0.714745	0.761954
0.895626	0.769002	0.861472	0.945611	0.871136	0.804039	0.797922	0.708214	0.855787	0.941112
0.830587	0.736451	0.963286	0.815737	0.71689	0.683286	0.715869	0.921948	0.893552	0.814998
0.726736	0.635655	0.777054	0.863615	0.66721	0.769585	0.880575	0.993394	0.812777	0.631774
0.743517	0.601221	0.754722	0.994883	0.750624	0.760905	0.829122	0.68894	0.741704	0.687775
0.820257	0.758201	0.865117	0.715892	0.797639	0.989296	0.672693	0.815565	1.30248	0.916195
0.831751	1.016909	0.880014	0.752563	0.907666	0.831239	0.739651	0.843899	0.815123	0.65068
0.903797	0.708759	0.754722	0.78753	0.796584	0.811485	0.781051	0.905445	0.69736	0.647599
0.699272	0.651291	0.918276	0.767757	0.823765	0.814716	0.800078	0.76979	0.786668	0.643019
0.720381	0.764059	0.949731	0.809309	0.766065	0.781436	0.544527	0.698052	1.089686	0.924827
0.756054	0.928111	0.739837	0.791595	0.871136	0.830118	0.753017	0.672849	0.779024	0.819536
1.023326	0.7383	0.732582	0.835614	0.835132	0.785459	0.765808	0.805802	0.663717	0.758969
0.750223	0.759172	0.945305	0.809309	0.868641	1.065001	0.686614	0.708214	0.607722	0.62371
0.715898	0.752422	0.888946	0.977308	1.029405	0.87243	0.682473	0.741135	0.835595	0.676146
0.807956	0.997974	0.957209	0.752563	1.114725	0.750526	0.639354	0.900081	0.90209	0.739572
0.965759	0.96553	1.14254	0.758199	0.838601	0.757102	0.631222	0.707358	0.667887	0.726492
0.666222	0.741088	0.904698	0.722809	0.792389	1.028144	0.931578	0.732895	0.613598	0.787667
0.769972	0.875501	1.023935	0.767757	0.658688	0.809344	0.697568	0.727487	0.76204	0.731119
0.881032	0.818438	0.732582	0.889691	0.962736	0.685689	0.684125	1.061211	0.872913	0.67288
0.802477	0.89632	0.674576	0.836745	0.965837	0.716467	0.699278	0.955445	0.817482	0.846586
0.767956	0.779059	0.706405	0.830001	1.008308	0.760905	0.82567	0.828935	0.692898	0.913355
0.724001	0.865455	0.808023	0.851728	0.886417	0.967246	0.872841	0.797303	0.700059	0.729262
0.827116	0.843665	1.111328	0.921545	0.702228	0.650235	0.81102	0.755226	0.744695	0.764961
0.993589	0.74956	0.74167	0.804023	0.675903	0.7735	0.79046	0.919153	1.205715	1.18053
0.771998	0.793543	0.615786	0.828887	1.045928	0.892645	1.056069	0.677614	0.767277	0.965947
0.780194	0.871707	0.689791	0.867246	1.148925	0.77547	0.869025	0.632883	0.499177	0.826432
0.873274	0.812903	0.925227	0.78652	0.722186	0.603945	1.061953	0.76979	0.624078	0.856405
0.968942	0.680289	0.743511	0.677344	0.649578	0.624377	0.88845	0.863052	0.708259	0.717385
0.844755	0.723726	0.631889	0.776544	0.802954	0.767641	0.738712	0.589715	0.688482	0.786609
0.892935	0.912616	0.738012	0.907988	0.94458	0.77745	0.805515	0.717744	0.703684	0.734855
0.707068	0.804192	0.75757	0.767757	0.768034	0.602617	0.865242	0.715124	0.738734	1.023966

0.803567	0.677864	0.720169	0.875837	0.668778	0.774484	0.917193	0.715124	0.693787	0.995695
0.791724	0.768009	0.82549	0.764868	0.726649	0.707087	0.80116	0.650527	0.838068	0.675327
1.109118	1.0082	0.76236	0.985209	0.906307	0.825661	0.758874	0.684861	0.756866	0.73205
1.148337	0.867945	0.777054	0.904002	0.728447	0.77547	0.730349	0.702257	0.775788	0.902179
0.860644	0.730952	1.056813	0.863615	0.660225	0.79259	0.976213	0.76782	0.669567	0.913355
0.868177	0.591204	0.857856	0.978877	0.862464	0.863873	0.792579	0.752371	0.916704	0.713795
0.748296	0.671464	0.764291	1.129516	1.045928	0.916572	0.702719	0.699729	0.716616	0.800572
0.939606	0.790398	0.824377	0.975745	0.700535	0.676157	0.649167	0.571826	0.770449	0.95026
0.786445	0.797771	0.883819	0.671885	0.605332	0.728707	0.798999	0.604307	0.692898	0.855165
0.886282	0.657399	0.668326	0.731612	0.675106	0.680103	0.721243	0.781804	0.808122	0.667223
0.816867	0.637854	0.752833	0.78652	0.783095	0.933288	0.614693	0.726592	0.831912	0.647599
1.16307	0.862979	1.072264	0.875837	0.692998	0.669917	0.584726	0.568086	0.679782	0.703199
0.914938	0.805271	1.001648	0.658905	0.602626	0.822348	0.689117	0.726592	0.872913	0.801665
0.782268	0.821793	0.921043	0.652929	0.767048	0.77745	0.935989	0.96773	0.867571	0.603139
0.798144	0.829724	0.833358	0.740597	0.817085	0.704563	0.772855	0.98521	0.927235	0.654562
0.748296	0.60666	0.753776	0.751631	0.773996	0.769585	0.670283	0.755226	0.921186	0.858894
0.916351	0.747663	0.68332	0.767757	0.702228	0.840315	0.653	0.762933	1.129047	1.006082
0.761964	1.004764	0.788155	0.820076	0.735714	0.806153	0.731271	0.787937	0.788877	0.656908
0.667817	0.713983	0.784085	0.765829	0.810506	0.637114	0.679189	0.877994	0.570675	0.566616
0.636996	0.772997	0.912794	0.925696	1.03121	0.614722	0.614693	0.649029	0.69736	0.73205
0.811276	0.861747	0.887658	0.662683	0.94458	0.88242	0.674308	0.793116	0.846837	0.959604
0.923485	0.864215	0.658357	0.690087	0.900914	0.908449	0.76781	0.803661	0.957176	0.819536
0.677506	0.787276	0.721921	0.682079	0.924314	0.594079	0.77083	0.798357	0.605538	0.682753
0.700992	0.883192	0.831095	0.88208	0.967396	0.658454	0.787301	0.703103	0.597625	0.796227
0.686582	0.756266	0.972564	0.701551	0.931444	0.701221	0.674308	0.854568	0.830691	0.992287
0.91353	0.740156	0.648612	0.721938	0.906307	0.824554	0.631955	0.876729	0.843057	0.764961
0.805756	0.707895	0.714094	0.736981	0.69134	0.712178	0.751082	0.692231	0.588454	0.673694
0.695001	0.951685	0.764291	0.698245	0.820412	0.687298	0.780018	0.631445	0.672098	0.64226
0.68993	0.920999	1.020431	0.944158	0.984924	0.694613	0.675929	0.750478	0.881051	0.847802
0.917769	0.73461	0.650097	0.682079	0.993132	0.87243	0.827969	1.017165	0.745696	0.721915
0.868177	0.716618	0.706405	0.679705	0.733886	0.669917	0.707931	0.830068	0.637154	0.743383
0.707943	0.865455	0.97886	0.824459	0.675903	0.740389	0.805515	0.614545	0.720383	0.875435
0.782268	0.914002	0.721921	0.729837	0.701381	0.581263	0.79046	0.716869	0.882423	0.806064
0.791724	0.732777	0.616474	0.847062	0.873646	0.559107	0.906017	0.974005	0.726095	0.726492
0.965759	0.790398	0.725445	1.0413	0.98983	0.820154	0.722145	0.723031	0.637935	0.722826
0.794922	0.807438	0.94384	1.008127	0.724858	0.851934	0.844407	0.583241	0.711953	0.987225
0.830587	0.828582	0.726331	0.762952	0.599268	0.726937	0.757892	0.678413	0.853211	0.728337
0.749259	0.678671	0.608967	0.642664	0.703928	0.73406	0.80881	0.736538	0.906423	0.739572
0.917769	0.617045	0.816669	0.850557	0.789269	0.82345	1.037011	0.762933	0.644238	0.670447
0.830587	0.71927	0.952707	0.839017	0.913145	0.842615	0.861492	0.66116	0.691126	0.862656
0.886282	0.837802	0.97886	0.713327	0.700535	0.862664	0.731271	0.779778	0.870234	0.799482
1.00733	0.772997	0.684124	0.820076	0.554789	0.642897	0.862738	0.741135	0.870234	0.840561
0.816867	0.728228	0.774075	0.993255	0.91591	0.692977	0.753017	0.685674	0.705508	0.706702
0.815743	0.833167	0.721044	0.765829	1.083023	1.131372	0.689117	0.56315	0.848104	0.751106
0.775053	0.818438	0.79641	0.629111	0.852761	0.815798	0.645366	0.68324	0.783375	0.857648
0.688253	0.598527	0.74908	0.754433	0.703928	0.8799	0.654543	0.736538	0.714745	0.58549
0.600628	0.60803	0.814491	1.069407	0.713396	0.798798	0.866499	0.864278	0.761	0.653783

0.68326	0.639327	0.734384	0.791595	0.804025	0.830118	0.56668	0.63505	0.798959	0.811626
1.016143	0.909857	0.873745	0.629111	0.953563	0.956627	0.620371	0.603633	0.967077	1.367383
0.853238	0.752422	0.850715	0.598603	0.724858	0.883685	0.81102	0.797303	0.758928	0.770018
0.636996	0.695968	0.929452	0.796731	0.673515	0.850759	1.109928	0.942028	0.792212	0.578234
0.620217	0.772997	0.747216	0.731612	0.621929	0.740389	0.723049	0.78282	0.798959	0.613658
0.780194	0.76603	0.816669	0.74516	0.839764	0.746812	0.63049	0.701413	0.777942	0.814998
0.775053	0.814005	0.815579	0.718473	0.756351	0.754272	0.851647	0.889547	0.729945	0.736736
0.678323	0.798835	0.774075	0.772617	0.727547	0.936138	0.89378	1.024203	0.843057	0.762954
0.882339	0.842486	0.758524	0.957415	0.914526	0.871197	0.667885	0.799412	0.7467	0.719191
1.047523	0.887089	0.591722	0.856444	0.894264	0.676944	0.705317	0.863052	0.916704	0.788728
1.012596	0.872968	0.752833	0.694963	0.790306	0.747738	0.88845	0.842729	0.657945	0.764961
0.722187	0.740156	0.686544	0.650709	0.965837	0.878646	0.969777	0.755226	0.669567	0.86645
0.746379	0.819553	0.821057	0.808246	0.924314	0.742215	0.684953	0.802595	0.655494	0.702328
0.766952	0.798835	0.925227	0.887139	0.724858	0.504488	0.635639	1.121184	0.829473	0.769002
0.743517	0.636387	0.721044	0.704048	0.611481	0.663766	0.628302	0.762933	0.955548	0.828755
0.650595	0.920999	0.717555	0.736081	0.681527	0.753332	0.861492	0.655052	0.834364	0.871561
0.766952	0.859292	0.874991	0.982031	0.913145	0.825661	0.82567	0.703951	0.663717	0.832263
0.790663	0.673853	0.802706	0.883339	0.783095	0.723419	0.734975	0.864278	0.743696	1.066111
0.916351	0.688471	0.589129	0.774576	0.642869	0.791564	0.884495	0.889547	0.828259	0.997409
0.782268	0.790398	0.693064	0.97109	0.921495	1.1247	1.234191	0.761962	1.074461	0.945662
1.023326	0.834321	0.784085	0.927089	0.999811	0.758999	0.781051	0.840399	0.776864	0.87414
0.926372	0.808526	0.918276	0.844748	0.645838	0.571894	0.863988	0.725699	0.749725	1.060118
0.854464	0.757233	1.040063	0.796731	0.67114	0.724296	0.883184	0.805802	0.774715	0.742427
0.887605	0.748611	0.784085	0.709085	0.681527	0.804039	0.789405	0.640148	0.987583	0.732983
1.079284	0.794596	0.770135	0.848224	0.70478	0.625075	0.663918	0.668917	0.831912	0.748194
0.817994	0.646016	0.76236	0.732502	0.651838	0.634965	0.717653	0.632883	0.748714	0.978917
0.784352	0.581413	0.836774	0.70993	0.675106	0.738571	1.029616	0.843899	0.716616	0.891283
0.778131	0.684361	0.785099	0.884602	0.853962	0.682488	0.663129	0.835777	0.962099	0.73205
1.057201	0.715738	0.645657	0.902681	0.696332	0.600632	0.57176	0.78486	0.8978	0.772058
1.034327	0.788314	0.902032	0.70993	0.692168	0.713033	0.578844	0.660391	0.747706	0.847802
0.663052	0.822917	1.040063	0.611898	0.732975	1.084674	0.887127	0.761962	0.798959	0.734855
0.663842	0.643031	0.748147	0.696601	0.842098	0.973433	0.833768	1.103796	1.047529	0.678612
0.663052	0.560003	0.855463	0.800883	1.033023	0.7735	0.661555	0.697215	0.779024	0.774107
0.825966	0.662037	0.847187	0.960417	0.728447	0.83349	0.672693	0.583884	0.724182	0.734855
0.750223	0.859292	0.758524	0.643389	0.676702	0.949198	0.77796	0.761962	0.703684	0.634
0.732258	0.826307	0.713233	0.6485	0.665648	0.796719	0.765808	0.858184	0.776864	0.634
0.550913	0.659712	0.7721	0.789558	0.817085	0.639996	0.591358	0.904098	0.825841	0.628825
0.821393	0.707032	0.926631	0.696601	0.764105	0.626474	0.600133	0.709072	0.692898	0.797309
0.874557	0.836639	0.685735	0.620075	0.757312	0.781436	0.58803	0.778769	0.739722	0.72374
0.874557	0.866698	0.66293	0.720202	0.744973	0.771538	0.68165	0.737453	0.659586	0.630297
0.651363	0.710493	0.804825	0.954434	0.874906	0.632116	0.689955	0.823314	0.582218	0.601066
0.778131	0.758201	0.836774	0.780507	0.67193	0.668371	0.658425	0.732895	0.717555	0.657693
0.832917	0.880613	0.684929	0.683669	0.849178	0.766673	0.603556	0.86674	0.804663	0.788728
0.868177	0.94567	0.824377	0.641217	0.872389	0.884953	0.73684	0.842729	0.815123	0.677789
0.762957	0.821793	0.811245	0.811441	0.654109	0.506078	0.676742	0.86183	0.646626	0.682753
0.657558	0.855635	0.814491	0.907988	0.84327	0.543201	0.671888	0.682432	0.682373	0.695419
0.80139	0.712235	0.696361	0.766792	0.759242	0.634965	0.612583	0.787937	0.779024	0.985551

0.894278	0.611475	0.6576	0.778521	0.910397	0.754272	0.610483	0.796253	0.796698	0.779272
0.824818	0.810709	0.676153	0.721938	0.703077	0.763779	0.804422	0.587763	0.552309	0.796227
0.933674	0.861747	0.847187	0.866032	0.793434	0.651718	0.832602	0.668135	0.672098	0.671256
0.821393	0.836639	0.712373	0.73969	0.753478	0.616773	0.819977	0.821086	0.753791	0.765967
0.688253	0.644521	0.748147	0.811441	0.835132	0.587624	0.744378	0.785883	0.758928	0.752081
0.680784	0.769002	0.761398	0.885869	0.762153	0.714747	0.634161	0.522753	0.606265	0.643019
0.821393	0.626966	0.767203	0.8746	0.641392	0.737665	0.696716	0.640148	0.720383	0.813872
0.839981	0.765043	0.694709	0.714181	0.718648	0.687298	0.86776	0.889547	0.768331	0.945662
0.733185	0.677864	0.645657	0.738785	0.709929	0.689723	1.078046	0.940563	0.761	0.83109
0.819124	0.733693	0.722799	0.708241	0.763128	0.862664	0.68165	0.652783	0.646626	0.832263
0.926372	0.824044	0.768178	0.61055	0.818191	0.93471	0.620371	0.618709	0.733829	0.766977
1.075185	0.846033	0.721921	0.690087	0.631912	0.886226	0.659987	0.749535	0.838068	0.826432
0.671022	0.755302	0.783074	0.844748	0.65033	0.755213	0.706187	0.87421	0.899225	0.840561
0.673442	0.741088	0.775066	0.867246	0.804025	0.735859	0.584069	0.646791	0.795572	0.954906
0.879729	0.859292	0.831095	0.61055	0.928578	0.946262	0.756913	0.703103	0.705508	0.829921
0.972149	0.89632	0.961759	0.733394	0.675903	0.895239	0.982745	0.963082	0.694677	0.526492
0.663842	0.690956	1.163859	1.003113	0.835132	0.93757	1.020546	0.889547	0.698258	0.534107
0.673442	0.790398	0.833358	0.960417	0.934329	0.728707	0.632689	0.582599	0.930291	0.738625
0.941101	0.959322	0.75948	0.738785	0.890323	0.681692	0.564162	0.692231	0.978921	1.210328
0.768963	0.810709	0.866339	0.728952	0.769022	0.712178	0.786253	1.072958	0.975504	1.000858
0.68909	0.760145	0.991735	0.917433	0.862464	0.913847	0.851647	0.942028	0.890743	0.641503
0.750223	0.736451	0.740752	0.818987	1.029405	0.849586	0.71676	0.73929	0.793329	0.576928
0.773014	0.824044	0.738923	0.70993	0.842098	0.725174	0.795777	0.785883	0.829473	0.732983
0.80139	0.706171	0.750952	0.607866	0.69134	0.822348	0.92289	0.966175	0.732855	0.7845
0.704454	0.791444	0.817762	0.720202	0.835132	0.892645	1.071941	1.027765	0.872913	0.845375
0.824818	0.827443	1.03462	0.985209	0.820412	0.815798	0.876691	0.8961	0.841805	0.754038
1.01972	0.950173	0.816669	0.952951	0.772997	0.698732	0.82567	0.845071	0.96875	1.126443
0.816867	0.897655	0.783074	0.722809	0.827144	0.770561	0.897821	0.86183	0.860985	1.035061
0.802477	1.20293	0.847187	0.715892	0.980073	0.82345	1.059983	0.905445	0.833136	0.80496
1.009078	0.891021	0.782064	0.957415	0.835132	0.745889	0.775911	1.127888	1.114743	0.773081
1.16307	0.856851	0.995014	1.091239	0.934329	1.113804	0.931578	1.228848	1.169664	1.207533
1.010834	1.089511	0.837919	1.112086	1.168329	1.249051	1.297279	0.900081	0.936469	1.857747
1.134087	0.971827	0.894133	1.043118	0.904953	0.776459	0.986049	1.033163	0.893552	1.150197
1.017928	1.020442	1.11783	0.922925	0.648827	0.807215	0.899176	1.313266	0.857081	1.371427
1.012596	0.782122	1.171204	1.149999	0.839764	1.000756	0.989378	0.981979	1.1943	1.332584
2.043864	0.824044	0.695534	1.285665	0.882546	1.212439	1.03515	0.859396	1.624988	1.076368
1.633352	1.065247	0.857856	1.164212	1.045928	1.212439	1.290542	0.822199	0.851929	1.029403
0.978634	1.049792	1.261449	0.884602	0.74591	0.933288	1.157474	1.158199	0.872913	1.293521
1.175741	0.930989	1.912902	1.967646	1.116923	1.156749	1.144337	1.812766	1.261153	0.821822
1.131757	1.006479	1.379473	1.273901	1.808638	1.163936	0.976213	1.087077	1.324718	1.155107
1.873376	1.044136	1.122219	0.978877	1.168329	1.10108	1.490828	1.082996	1.595633	1.31864
1.276604	2.157929	1.542055	0.811441	1.146559	1.220618	2.104928	1.621816	1.757072	1.615849
1.495479	1.552958	1.525998	1.509941	1.358804	1.550669	1.771558	1.689444	1.65563	1.038823
2.043864	1.639652	1.517969	1.49699	1.490515	2.193416	1.027787	1.155791	1.964083	2.451911
1.741696	1.401406	1.84963	1.484039	1.452143	1.305372	1.541371	1.327295	1.645689	2.811492
1.761053	1.659665	1.701421	0.998156	1.1586	1.235147	1.270259	1.261481	1.486492	1.98736
1.122559	1.441589	1.617908	2.294545	1.164922	1.319045	1.252703	1.318685	1.717743	1.303831

1.417085	2.374295	1.419376	1.318742	1.057304	1.171243	1.36711	1.883655	1.789098	1.363376
2.943927	1.397162	1.371568	1.105726	1.398391	1.279476	1.096893	1.95309	1.68599	1.509924
1.445646	1.854956	1.154255	1.489097	1.212215	1.261845	1.626646	1.715507	1.656473	1.064104
1.4644	1.117049	1.135652	1.144953	1.244214	1.30881	1.671077	1.715507	0.894963	1.185798
1.079844	1.098447	1.205933	1.276214	1.260214	1.889809	1.280627	2.000793	3.039962	1.716003
1.077419	1.535191	1.337674	1.825297	1.268214	1.393829	1.507031	1.606487	1.932135	1.788813
1.469428	0.706784	0.563485	0.59931	2.067567	1.331022	1.705943	1.479395	1.146351	1.233361
0.336149	0.420186	0.635134	0.906905	1.122134	1.147349	1.405208	1.636093	1.17502	1.188378
0.504223	0.75952	1.178676	1.474096	1.866506	1.09692	2.083656	1.376683	1.36242	2.630946
1.014817	1.330723	1.341312	1.669381	1.453034	1.739298	1.723701	1.338074	1.348157	1.677032
1.802565	1.777475	1.483022	1.431971	1.406901	1.429967	1.327991	1.226016	1.188703	1.26843
1.20287	1.534073	1.784166	1.414485	1.04035	1.470312	1.211316	1.170444	1.14011	1.1795
1.723166	1.289277	1.344981	1.361401	1.37782	0.997451	1.102455	1.109775	1.153871	1.555971
1.165575	1.027596	2.421664	1.353191	1.143156	1.034465	1.096826	1.484484	1.117095	1.167633
1.741696	1.686362	1.472531	1.288862	1.071479	1.107318	1.32172	1.091197	1.254632	1.211132
1.306412	1.451047	1.461789	0.999802	0.993132	1.333078	1.216923	1.123407	1.462261	1.415447
1.199525	0.815109	1.677007	1.735866	0.788234	1.305451	1.170165	1.339592	1.932135	1.207533
1.104728	1.323534	1.214407	1.497435	1.317864	1.103175	1.116595	1.533187	1.727246	1.363376
1.105832	1.10528	2.038387	1.052325	1.892	2.474243	1.040756	0.981979	1.542278	1.924943
1.047826	1.078487	2.274031	1.154685	1.101765	1.322511	1.518178	1.568981	1.517873	1.352723
0.906556	1.051694	1.065091	1.479039	1.578546	1.420345	2.327941	1.812766	1.238745	0.896697
1.313838	0.979125	1.141532	1.179752	1.316619	1.877146	1.107728	1.091197	1.164971	1.601811
1.307823	1.310831	1.316464	1.217973	1.267296	1.415265	1.371116	1.527498	1.392186	1.292923
1.289777	1.451047	1.873844	0.975745	1.591496	1.50338	2.453853	1.385163	1.399209	1.575028
0.910727	1.20293	1.384895	1.318742	1.338461	1.787282	1.814045	1.384757	1.368705	1.029478
1.325538	1.245448	1.926744	1.489097	1.35818	0.89916	0.837286	1.384351	1.376528	1.128761
2.943927	2.070072	1.098608	1.282492	1.232359	1.051742	1.664487	1.724309	1.38044	1.461404
0.977004	0.989633	1.060625	0.866032	1.101765	1.305451	1.319264	1.521882	0.949095	1.303964
1.087601	1.327114	1.066406	1.279341	1.678529	1.333078	0.833768	1.051659	0.918193	1.227487
1.791809	1.227938	1.462758	3.864049	1.042202	0.732268	0.860249	1.316731	1.441868	0.954906
1.633352	1.073185	1.624871	1.814401	1.121353	1.260967	1.404565	1.400923	1.358827	1.702397
1.293134	1.379065	1.163859	0.938394	1.323537	1.386107	1.417804	0.912245	1.027892	1.924943
1.382627	1.767454	1.375502	1.143064	1.729601	1.877146	1.280627	1.10167	0.872913	1.002592
1.440099	0.984704	3.471938	1.160715	0.941626	1.078678	1.761555	2.378056	1.070207	1.152645
1.002126	1.142528	1.053035	0.991634	1.178367	1.223379	1.433903	1.69842	1.423211	1.955031
0.978634	0.847222	0.854271	1.257907	1.36593	1.500695	1.36711	0.709931	1.037599	1.693777
1.180904	1.611088	1.38348	0.948532	0.931444	0.640719	0.82567	0.707358	0.691126	0.961181
1.218969	1.260598	1.861568	0.887139	0.667993	0.669144	0.889776	1.072958	0.765174	1.035061
0.749259	0.621977	0.926631	1.004778	0.833982	1.191353	0.856541	1.372325	1.328538	1.093085
1.13643	0.712235	0.878753	1.332712	1.249958	1.082666	1.363141	0.71252	0.944317	0.856405
1.16307	0.85201	0.728108	0.885869	0.862464	0.939006	0.89647	0.693886	0.692898	0.769002
0.901056	1.024004	0.957209	0.70572	0.927152	0.89394	1.277372	0.765859	0.701868	0.863917
1.115787	0.800969	0.75757	0.906655	0.8588	0.819061	0.76781	0.885661	0.843057	0.550364
1.158103	0.619856	0.888946	0.521429	0.642129	0.856671	0.691635	0.988465	0.963752	0.798394
0.830587	0.643775	0.899383	0.900052	0.703077	0.779438	0.643102	0.601617	0.785568	0.752081
0.647536	0.647517	0.775066	0.712475	0.693829	0.680103	0.670283	0.665021	0.885178	0.801665
0.558296	0.703597	0.713233	0.828887	0.630471	0.781436	0.739651	0.643088	0.687604	0.541859

0.525442	0.555116	0.616474	0.609877	0.714267	0.585068	0.474329	0.743917	0.758928	0.520723
0.700131	0.538429	0.63619	0.549153	0.493494	0.479306	0.449532	0.568086	0.580844	0.490832
0.649063	0.660485	0.573886	0.596643	0.506807	0.620213	0.396504	0.48734	0.645829	0.72374
0.492226	0.605977	0.500557	0.613928	0.560259	0.566367	0.707931	0.540439	0.517162	0.605919
0.512407	0.508499	0.529998	0.489729	0.534725	0.436545	0.503894	0.600279	0.527957	0.473529
0.620217	0.561234	0.596956	0.464011	0.438863	0.462653	0.469255	0.406687	0.444766	0.479741
0.636996	0.643031	0.438295	0.539333	0.531278	0.598655	0.459775	0.401582	0.479729	0.501116
0.506309	0.4669	0.475964	0.520882	0.549984	0.52011	0.482053	0.462311	0.386223	0.443733
0.50686	0.564947	0.51886	0.528057	0.561484	0.481308	0.512168	0.471156	0.47702	0.453439
0.480138	0.441383	0.422156	0.403168	0.533573	0.508208	0.454867	0.516647	0.506629	0.42679
0.428863	0.383265	0.428808	0.510069	0.588692	0.630699	0.537387	0.554644	0.536543	0.444694
0.491161	0.464921	0.53226	0.542773	0.557819	0.62368	0.569848	0.46134	0.492411	0.556543
0.467873	0.547288	0.578277	0.427639	0.459704	0.403869	0.385967	0.424597	0.459555	0.459369
0.457418	0.414638	0.451746	0.461139	0.511155	0.563327	0.488333	0.524996	0.526744	0.504415
0.455455	0.513438	0.521618	0.451701	0.468032	0.536315	0.437644	0.421044	0.522526	0.517299
0.556438	0.651291	0.632603	0.570098	0.527859	0.45835	0.454379	0.457956	0.545934	0.577581
0.498669	0.52462	0.572018	0.582536	0.570156	0.465062	0.536208	0.519412	0.479729	0.517868
0.500295	0.503615	0.526626	0.525283	0.60128	0.528976	0.473819	0.418398	0.449302	0.522446
0.472941	0.581413	0.521618	0.483657	0.480067	0.498707	0.480497	0.559484	0.47112	0.620814
0.422008	0.561234	0.429703	0.481152	0.489838	0.421426	0.454867	0.553442	0.449302	0.486574
0.439117	0.472891	0.387492	0.520335	0.516652	0.499229	0.531525	0.510625	0.446776	0.448559
0.51577	0.542541	0.441044	0.411598	0.55118	0.547854	0.485705	0.587763	0.529173	0.532338
0.509624	0.512335	0.473976	0.50847	0.516652	0.553148	0.418378	0.524434	0.494655	0.541859
0.477554	0.441383	0.438295	0.529171	0.484154	0.488388	0.439054	0.456034	0.461114	0.482881
0.500295	0.359006	0.373893	0.453572	0.400808	0.390642	0.354643	0.436808	0.439286	0.453439
0.43396	0.277757	0.306545	0.254704	0.23343	0.28621	0.329065	0.313115	0.329614	0.263008
0.519726	0.30832	0.413875	0.327505	0.156274	0.349131	0.432979	0.348313	0.351704	0.3183
1.11133	0.762098	0.733482	0.782502	0.562712	0.580002	0.871565	0.900081	0.824637	0.795148
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Table 1: Data for 2010-2019									
210	211	212	213	214	215	216	217	218	219
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.643193	0.37188	0.18594	0.09297	0.695608	2.113315	0	0	0	0
0.74376	0.97189	1.542282	2.457812	1.314077	1.298245	1.1027	0	0	0
0.904581	0.92434	1.730782	1.258748	0.999145	1.013405	0.893794	1.25423	0	0
1.851053	0.764492	0.754054	0.790489	0.675384	1.060935	1.305955	1.990184	0.630666	1.485862
0.849312	0.886784	0.589401	0.808143	1.00969	1.395016	1.274708	0.688121	0.573211	0.412005
0.665185	0.676505	0.738402	1.180436	1.038347	1.024019	0.979818	0.491108	0.498527	0.288661
0.662037	0.820203	0.778643	1.102868	0.905764	1.067005	0.846317	0.808159	0.683489	0.809798
0.758195	0.656448	0.601849	0.759204	0.901582	0.717958	0.90652	1.040949	0.782857	0.722832
0.852948	0.638027	0.667628	0.773524	0.848143	0.747195	0.773986	0.747934	0.659402	0.787458
0.71008	0.796837	0.99214	0.860757	0.775992	0.911183	0.842585	0.598353	0.660211	0.866012
0.844511	0.599921	0.699813	0.770415	0.763704	0.792393	0.838885	0.782844	0.750789	0.669898
0.576221	0.582383	0.781817	0.587034	0.502357	0.723465	0.755354	0.691573	0.686058	0.501877
0.526992	0.64714	0.819509	0.677788	0.5823	0.657596	0.654539	0.439664	0.637349	0.654397
0.646631	0.719632	0.678373	0.687062	0.769805	0.688004	0.57813	0.680452	0.832867	0.675752
0.777196	0.679802	0.598356	0.459504	0.568556	0.580027	0.822024	0.747934	0.772251	0.621233
0.687053	0.674049	0.591451	0.525893	0.82661	0.671304	0.666758	0.702098	0.7733	0.648823
0.667561	0.694956	0.696311	0.674464	0.699959	0.659187	0.479155	0.614738	0.639659	0.644101
0.825821	0.641801	0.575314	0.753209	0.661599	0.639714	0.584236	0.639382	0.692114	0.732317
0.815651	0.685632	0.560393	0.753209	0.743001	0.74331	0.712916	0.696804	0.576536	0.848121
0.593954	0.797922	0.636904	0.819554	0.761689	0.679574	0.642653	0.694181	0.633526	0.71539
0.903213	0.841283	0.747136	0.659014	0.644385	0.572132	0.627296	0.715623	0.646663	0.617536

1.04211	0.702736	1.026184	0.767329	0.614735	0.727176	0.671744	0.895763	0.748799	0.601634
0.888437	0.644081	0.69544	0.681979	0.707878	0.862753	0.813833	0.722081	1.044384	0.935165
0.754299	0.719632	0.657941	0.949282	0.717756	0.956125	0.813833	0.59073	0.719069	0.756978
0.972709	1.034557	0.839657	0.868452	0.842054	0.875673	0.877385	0.691573	0.647449	0.780974
0.700551	0.939118	0.878992	0.594544	0.662398	0.688004	0.736518	0.744006	0.721858	0.850632
0.612442	0.569358	0.605372	0.539631	0.750772	0.72998	0.759426	0.803649	0.875887	0.590424
0.692906	0.621802	0.897996	0.736658	0.953061	0.844066	0.6751	0.67625	0.772251	0.626463
0.782338	0.807807	0.9769	0.819554	0.732539	0.820338	0.706531	0.633278	0.718143	0.720026
0.830419	1.061598	0.810341	0.717047	0.856814	0.975491	0.682747	0.670433	0.815164	0.713549
0.67964	0.762485	0.603255	0.623739	0.706991	0.655222	0.665933	0.727695	0.665914	0.689434
0.664396	0.811153	0.558484	0.805897	0.783325	0.59972	0.672581	0.84603	0.562091	0.689434
0.725231	0.732517	0.68939	0.754202	0.774955	0.740419	0.622793	0.657425	0.673359	0.96036
0.70659	0.574521	0.609637	0.727209	0.890626	0.702723	0.670076	0.776476	0.822159	0.902749
0.848107	0.707119	0.628617	0.827723	0.917114	0.76512	0.745339	0.807027	0.725606	0.624962
0.807902	0.729724	0.77759	0.789409	0.750772	0.82615	0.680183	0.510086	0.583943	0.706263
0.67075	0.756521	0.926672	0.771449	0.672919	0.694869	0.722204	0.620585	0.848817	0.728498
0.82354	0.641044	0.584654	0.757196	0.756693	0.649731	0.940847	0.871494	0.852582	0.706263
0.757218	0.601991	0.550931	0.735704	0.828951	0.676247	0.702925	0.588674	0.585303	0.63943
0.744708	0.894854	0.814901	0.705337	0.788639	0.798938	0.580833	0.48622	0.620035	0.95074
0.800289	0.710657	0.729839	0.716135	0.596494	0.675419	0.577456	0.55387	0.668382	0.731359
0.618074	0.544424	0.673381	0.711603	0.71504	0.997493	0.710168	0.851005	0.798153	0.600217
0.576221	0.549911	0.619023	0.556964	0.575047	0.686305	0.665109	0.610404	0.656182	0.707168
0.648907	0.688155	0.660343	0.60359	0.911402	0.491991	0.459748	0.523999	0.660211	0.884673
0.725231	0.641801	0.568764	0.597307	0.607628	0.490368	0.611007	0.727695	0.783932	0.748933
0.522988	0.567437	0.657941	0.531217	0.699959	0.5194	0.775044	0.704769	0.646663	0.614601
0.604128	0.651769	0.620485	0.560134	0.71234	0.721622	0.548824	0.557673	0.564033	0.593896
0.497022	0.61748	0.56231	0.647972	0.666414	0.506319	0.713836	0.749912	0.658595	0.598099
0.59935	0.660386	0.535605	0.513718	0.511299	0.462649	0.52553	0.585948	0.575203	0.637884
0.535111	0.610371	0.495913	0.505226	0.648238	0.524044	0.572773	0.654233	0.583943	0.717238
0.564789	0.669177	0.536208	0.486034	0.539888	0.487676	0.514336	0.586627	0.527952	0.669068
0.716255	0.563622	0.580627	0.637963	0.527991	0.468258	0.543815	0.609685	0.478362	0.691176
0.603442	0.499572	0.579293	0.562047	0.529755	0.617444	0.626542	0.735294	0.564033	0.582881
0.543983	0.568717	0.526073	0.672812	0.759683	0.766138	0.790147	0.538373	0.599146	0.457412
0.598672	0.725107	0.602552	0.669526	0.644385	0.553626	0.662647	0.547604	0.555045	0.574133
0.630292	0.646373	0.682577	0.647972	0.468324	0.510825	0.633374	0.571909	0.577204	0.651999
0.594625	0.574521	0.696311	0.616435	0.562796	0.565019	0.658574	0.807027	0.622997	0.519139
0.474045	0.555468	0.598356	0.700036	0.69304	0.694005	0.634907	0.751899	0.757826	0.532248
0.691226	0.621802	0.522551	0.740496	0.61761	0.615278	0.562904	0.667145	0.595643	0.534675
0.692065	0.66436	0.639192	0.531217	0.629307	0.798938	0.613924	0.493847	0.663461	0.666588
0.493816	0.535432	0.604665	0.494702	0.642089	0.835613	0.693158	0.603274	0.617094	0.564252
0.492222	0.489313	0.596273	0.583663	0.747842	0.801141	0.644219	0.739145	0.564033	0.504139
0.57945	0.554227	0.760072	0.651883	0.645153	0.660783	0.575443	0.702098	0.620035	0.792936
0.775156	0.726948	0.67587	0.541455	0.618332	0.588744	0.551984	0.858575	0.781784	0.891537
0.772115	0.788257	0.574655	0.71341	0.72049	0.682086	0.559664	0.689844	0.592169	0.590424
0.676386	0.940623	0.702459	0.772485	0.700832	0.622539	0.749317	0.684696	0.506976	0.59951
0.788589	1.132911	0.9853	0.943092	0.629307	0.508566	0.682747	0.695928	0.737048	0.838219
0.815651	0.72419	0.806953	0.691344	0.78227	0.653646	0.818494	0.698561	0.718143	0.891537

0.799212	0.541406	0.754054	0.773524	0.919998	0.718871	0.742378	0.737215	0.597041	0.664123
0.715367	0.638027	0.859514	0.742428	0.623419	0.732802	0.732654	0.637083	0.665914	0.768289
1.021893	0.661178	0.627872	0.716135	0.561527	0.580691	0.726923	0.722081	0.6852	0.699098
0.899133	0.765498	0.670906	0.814954	0.588327	0.57804	0.776106	0.721153	0.719997	0.675752
0.687053	0.787196	0.819509	0.864587	0.652125	0.70626	0.772929	0.658226	0.67671	0.866012
0.611045	0.694956	0.793657	0.714317	1.085285	0.936077	0.608833	0.634036	0.680086	0.791835
0.709205	0.68063	0.751076	0.666264	0.787571	0.723465	0.691405	0.777531	0.661021	0.709891
0.540412	0.519127	0.973584	0.765283	0.721405	0.95455	0.865472	0.800297	0.736083	0.613871
0.603442	0.64714	0.922248	1.305693	0.873391	0.833228	0.801265	0.605401	0.834074	0.725656
0.74376	0.701864	0.663566	0.833654	0.883916	0.638193	0.536409	0.627259	0.907609	0.901332
0.713598	0.635779	0.714112	0.609965	0.701707	0.772296	0.758404	0.678766	0.638117	0.660857
0.630292	0.616049	0.696311	0.640253	0.696486	0.912609	0.852609	0.795868	0.55125	0.69821
0.592615	0.60686	0.676702	0.786185	0.728796	0.700965	0.546939	0.751899	0.629736	0.646456
0.587301	0.734389	0.605372	0.724414	0.611167	0.46468	0.643436	0.720226	0.740929	0.669068
0.903213	0.97678	0.801363	0.85696	0.699088	0.614559	0.681891	0.67625	0.654581	0.776704
0.81789	0.900318	0.710493	0.719795	0.879939	0.72439	0.785778	0.626512	0.575203	0.659233
0.727961	1.044022	0.89661	0.773524	0.964132	0.736593	0.827971	0.725816	0.653783	0.760034
0.666768	0.614622	0.77759	0.797025	0.651345	0.747195	0.939297	0.783915	0.857654	1.116737
0.777196	0.623252	0.812615	0.844538	0.670468	0.691423	0.837659	0.974611	0.793728	0.879259
1.006025	0.933146	0.810341	0.960332	0.697352	0.795653	0.799018	0.837459	0.837713	0.722832
1.461729	1.269819	0.910667	1.149702	1.041038	1.162308	1.08938	0.766066	0.816322	0.894313
0.795998	0.973514	1.069258	0.733802	0.668842	0.85895	1.245558	0.780711	0.832867	1.030594
0.633217	0.674866	0.743233	0.569783	0.702583	0.80782	0.86678	0.67625	0.640431	0.696441
0.632484	0.547464	0.769258	0.799226	0.722322	0.764105	0.581511	0.750904	0.816322	0.653596
0.694594	0.651769	0.95106	1.011157	0.849371	0.814603	0.635675	0.724879	0.992691	0.97857
1.075333	0.813398	0.760072	0.637203	0.648238	0.774368	0.677634	1.018304	1.048323	0.994059
1.020101	1.137634	0.798044	0.832461	0.743001	0.802247	0.778237	0.868879	0.834074	0.742014
0.760156	0.815654	0.731727	0.830086	0.795103	0.649731	0.852609	0.812716	0.616361	0.67073
0.793868	1.067618	0.941754	0.808143	0.690473	0.57804	0.641093	0.874124	0.874559	0.883313
1.065295	0.98841	0.813757	0.970032	1.093838	0.686305	0.694036	0.870185	0.978986	0.971859
0.977546	0.70977	0.601849	0.93097	1.321309	1.071099	0.823207	0.942569	0.830465	0.856975
0.908713	0.652546	0.801363	0.833654	0.652906	0.93009	1.024512	0.658226	0.75379	1.11442
1.002576	0.774665	0.891113	0.889664	0.629307	0.758061	0.823207	0.751899	0.838933	0.894313
0.975928	0.689	0.691972	0.889664	0.749793	0.74138	1.017045	0.792575	0.892148	0.768289
0.934365	0.734389	0.786085	0.923562	0.811697	0.656012	0.732654	0.70656	0.739956	0.806373
0.928532	0.908646	0.917869	0.718877	0.877308	0.820338	0.698458	0.637083	0.982372	0.873912
1.098268	1.306754	0.963788	0.553818	0.667222	0.808943	0.716607	0.743029	0.810562	0.704461
0.786495	0.690693	0.828874	0.655038	0.723241	1.058931	0.787957	0.912729	0.778583	0.591116
0.712716	0.707119	0.98192	0.747295	0.809448	0.905527	0.825582	0.821976	0.674194	0.745954
0.727049	0.738158	0.764131	0.970032	0.914248	0.801141	0.646579	0.815013	0.853845	0.69821
0.639872	0.772611	0.638428	0.704449	0.68877	0.686305	0.652135	0.736254	0.812857	0.879259
0.57751	0.68063	0.751076	0.696538	0.905764	0.787014	0.942403	0.921468	0.669207	0.980264
0.734397	0.983388	0.627872	0.745341	1.096003	1.069047	0.691405	0.798077	0.75884	0.664943
0.736253	0.811153	0.751076	0.745341	0.830126	0.818035	0.651337	0.780711	0.792628	0.809798
0.943263	0.840084	0.775492	0.855702	0.75471	0.694869	0.69757	0.842336	0.6852	0.709891
0.687053	0.828279	0.586682	0.814954	0.83367	0.912609	0.878729	0.79367	0.845084	0.714469
0.857844	0.813398	0.603959	0.814954	0.818517	0.853932	0.925588	0.709259	0.663461	0.708981

0.938791	0.836509	0.669264	0.817248	0.69304	0.758061	0.80922	0.66388	0.673359	0.883313
0.935835	0.838889	0.954207	0.772485	0.637535	0.68971	0.761476	0.644017	0.609105	0.656003
0.734397	0.661178	0.706904	0.735704	0.78971	0.664799	0.542572	0.787142	0.722792	0.602344
0.839763	0.67815	0.816048	0.818399	0.830126	0.769206	0.60811	0.738179	0.700026	0.660857
0.84213	0.691542	0.818352	0.826547	0.816232	0.884951	0.741396	0.540204	0.697373	0.817897
0.615249	0.730653	0.77759	0.701796	0.682026	0.721622	0.74435	0.652645	0.780715	0.798485
0.663608	0.662766	0.643804	0.805897	0.785443	0.648952	0.645004	0.787142	0.705382	0.636344
0.723421	0.730653	0.834832	0.735704	0.717756	0.610979	0.671744	0.843564	0.783932	0.755964
0.688717	0.707119	0.719598	0.575677	0.785443	0.710722	0.731694	0.895763	0.749793	0.923096
0.825821	0.666762	0.585329	0.593169	0.856814	0.895804	0.840115	1.037092	0.75884	0.765175
0.777196	0.68063	0.810341	0.667892	0.706106	0.911183	0.888255	0.799185	0.663461	0.757994
0.811206	0.951312	1.101284	0.913399	0.694759	0.81007	0.814993	0.699443	0.778583	0.722832
0.781304	0.814525	0.788235	0.801439	0.673739	0.672124	0.974751	0.777531	0.785009	0.901332
0.732548	0.575171	0.722367	0.865872	0.804983	0.750131	0.893794	0.714708	0.58941	0.700878
0.727049	0.674866	0.875026	0.849464	0.909985	0.731859	0.658574	0.530528	0.568598	0.734239
0.767092	0.722361	0.862061	0.745341	0.752737	0.949858	0.734582	0.606824	0.565983	0.770378
0.877998	0.829446	0.771326	0.724414	0.674561	0.79784	0.739438	0.705664	0.814009	0.778834
0.693749	0.555468	0.717762	0.860757	0.672101	0.717047	0.738463	0.648702	0.824516	0.835778
0.69884	0.647908	0.691972	0.929478	0.697352	0.601111	0.608833	0.684696	0.838933	0.676594
0.928532	1.021643	0.817199	0.687062	0.783325	0.731859	0.657764	0.719302	0.752788	0.784204
0.798138	0.754551	0.820669	0.743397	0.734422	0.847739	0.687055	0.667964	0.549992	0.677438
0.543983	0.67815	0.812615	0.720715	0.763704	1.164853	1.049708	0.727695	0.535175	0.532854
0.648907	0.740055	0.885684	0.947726	0.798372	0.697471	0.641872	0.655028	0.570569	0.501877
0.855389	0.682291	0.667628	0.922096	0.830126	0.479699	0.488371	0.659834	0.702696	0.41708
0.806806	0.722361	0.506486	0.548831	0.5843	0.530512	0.527324	0.626512	0.644316	0.654397
0.700551	0.714225	0.733624	0.756196	0.752737	0.72998	0.655343	0.772282	0.69914	0.6877
0.87671	0.725107	0.619023	0.651883	0.77912	0.672124	0.840115	0.748922	0.69386	0.914259
0.821271	0.937617	0.811477	0.810402	0.595122	0.642005	1.013359	0.805898	0.700026	0.754953
0.826966	0.647908	0.643032	0.673637	0.687922	0.805583	0.562254	0.688981	0.851323	0.713549
0.891086	0.726027	0.692836	0.859488	0.759683	0.936077	0.640315	0.622798	0.722792	0.760034
0.947782	0.749665	0.682577	0.846994	0.77392	0.730918	0.763536	0.691573	0.831664	0.724712
0.639128	0.733452	0.80359	0.684513	0.797279	0.78488	1.004278	0.701211	0.759857	0.802975
0.527567	0.650221	0.780756	0.668708	0.874693	0.851444	0.701132	0.666326	0.777522	0.658423
0.77822	0.670795	0.736484	0.899281	0.830126	0.883614	0.597415	0.752895	0.756813	0.689434
1.094007	0.765498	0.893853	0.781923	0.684543	0.771264	0.656148	0.669609	0.707182	0.685112
0.618784	0.7936	0.710493	0.579652	0.649788	0.88228	0.785778	0.815013	0.806009	0.627968
0.628111	0.910049	0.67921	0.65583	0.704341	0.756065	0.77717	0.824323	0.704485	0.684253
0.680458	0.629102	0.739364	0.827723	0.859323	0.707148	0.812675	0.805898	0.586667	0.644884
0.835065	0.6132	0.816048	0.769384	0.800564	0.707148	0.728825	0.694181	0.734159	0.717238
0.725231	0.759493	0.644577	0.667892	0.714138	0.74915	0.907958	0.93796	0.904757	0.939779
0.77414	0.957541	0.60608	0.629671	0.836049	0.936077	0.925588	0.791483	0.871915	0.821415
0.811206	0.787196	0.733624	0.632668	0.692183	0.800038	1.061849	0.711067	0.792628	1.048094
0.719823	0.834142	0.98024	0.845764	0.614019	0.629923	0.657764	0.695053	0.694735	0.830937
0.813423	0.726948	0.742262	1.157184	0.599251	0.697471	0.850081	0.665509	0.786089	0.751933
1.224035	0.628366	0.758056	1.037077	0.78971	0.775408	0.847568	0.666326	0.686918	0.660044
0.787541	0.756521	0.871096	0.745341	0.643618	0.769206	0.669244	0.521063	0.599146	0.746945
0.887118	0.813398	0.713205	0.635686	0.716849	0.74915	0.652935	0.650275	0.656182	0.744966

0.805713	0.598546	0.730782	0.628181	0.603419	0.71162	0.766645	0.803649	0.797043	0.565557
0.732548	0.610371	0.837238	0.86203	0.593072	0.751115	0.814993	0.723012	0.695613	0.657615
0.692906	0.8248	0.786085	0.727209	0.714138	0.68971	0.537634	0.698561	0.938747	0.73617
0.654266	0.791455	0.834832	0.763247	1.068669	0.738502	0.662647	0.723012	0.89077	0.935165
0.690388	0.639533	0.759063	0.625954	0.769805	0.921261	0.759426	0.794767	0.6852	0.899919
0.607572	0.838889	0.98024	0.636444	0.644385	0.846511	0.928598	0.862411	0.647449	0.679132
0.665185	0.73627	0.763112	0.899281	0.810571	0.549275	0.674259	0.715623	0.67671	0.66824
0.768092	0.892147	0.593511	0.705337	0.706991	0.621807	0.681036	0.795868	0.629736	0.685112
0.91851	0.74676	0.624163	0.609965	0.790783	0.774368	0.76045	0.8781	0.951223	0.895707
0.628837	0.712438	0.79475	0.779808	0.978793	0.829674	0.814993	0.744006	0.783932	0.678284
0.648907	0.74196	0.962176	1.027641	0.791859	0.624006	0.78905	0.721153	0.622255	0.653596
0.87671	0.674866	0.651601	0.93097	0.602722	0.643539	0.6751	0.928887	0.673359	0.778834
0.768092	0.640288	0.661146	0.739533	0.7316	0.684612	0.718465	0.800297	0.785009	0.764142
0.885803	0.71333	0.669264	0.941558	1.060593	0.89718	0.776106	0.635557	0.70359	0.694679
1.051621	0.794676	0.739364	0.786185	0.7316	0.721622	0.748319	0.649488	0.736083	1.013772
0.947782	0.722361	0.773404	1.029512	0.7557	0.835613	0.851343	0.77124	0.825699	1.0047
0.780274	0.669177	0.824166	0.944631	1.031581	0.934573	0.76045	0.945669	0.955995	0.807512
0.755269	0.60686	0.681733	0.819554	0.861847	1.013405	0.637216	0.668786	0.897707	0.649615
0.952348	0.590389	0.579959	0.859488	0.808327	0.835613	0.682747	0.632521	0.740929	0.86863
0.750437	0.885454	0.965405	0.581653	0.665608	0.764105	0.703823	0.620585	0.743864	0.833351
0.682097	0.661971	0.822997	0.739533	0.842054	0.805583	0.818494	0.705664	0.673359	0.637884
0.831576	0.708001	0.920784	0.799226	1.020497	0.728108	0.709256	0.809294	0.692986	0.653596
0.924208	0.920003	1.037514	0.907697	0.863115	0.675419	0.598826	0.887521	0.793728	0.849375
0.832736	0.900318	0.686822	0.692205	0.854319	0.852686	0.753332	0.961509	0.903338	0.828537
0.782338	1.005584	0.750087	0.687915	0.664	0.895804	1.028295	0.775424	0.609105	0.635576
0.692906	0.813398	0.742262	0.716135	0.645153	0.684612	0.857709	0.614738	0.555045	0.665765
0.655037	0.654883	0.926672	0.974965	0.79619	0.572785	0.684465	0.827866	0.69914	0.679981
0.638384	0.60756	0.67921	0.793745	0.79619	0.729043	0.718465	0.880771	0.903338	0.730403
0.814535	0.60756	0.641492	0.784049	0.978793	0.668853	0.648952	0.559587	0.630492	0.74398
0.650431	0.645608	0.856982	0.87497	0.851838	0.808943	0.781453	0.594178	0.655381	0.880606
0.883186	0.830615	0.89523	0.818399	0.628566	0.820338	0.769776	0.655826	0.70359	0.708073
0.929983	0.807807	0.677537	0.755198	0.61689	0.708932	0.806932	0.782844	0.816322	0.722832
1.032804	0.683124	0.810341	0.756196	0.633775	0.767158	0.978122	0.874124	0.645097	0.720026
0.811206	0.639533	0.631612	0.780864	0.828951	0.744278	0.661829	0.600455	0.761899	0.884673
0.816769	0.723275	0.734575	0.628181	0.747842	0.81007	0.56486	0.577204	0.6852	0.628723
0.938791	1.193285	0.912097	0.773524	0.739167	0.945215	0.708346	0.732429	0.748799	0.627215
0.648907	0.710657	1.107983	1.060596	0.795103	1.031798	0.810369	0.827866	0.740929	0.69821
0.689552	0.766508	0.914974	0.830086	0.875998	0.639714	0.680183	0.791483	0.88666	0.737139
0.850521	0.867243	0.690249	0.721637	0.983792	0.594197	0.647368	0.703877	0.797043	0.764142
1.002576	0.849765	0.68005	0.65583	0.813958	0.764105	0.729779	0.766066	0.654581	0.89851
0.67155	0.859666	1.033705	0.720715	1.000885	1.020669	0.973075	0.86628	0.755803	0.886037
0.762127	0.819061	0.792567	0.730022	0.77912	0.860214	0.749317	0.789307	0.785009	1.028692
0.72072	0.726948	0.59558	0.9684	0.775992	0.61962	0.79456	1.153036	0.712628	0.821415
0.779245	0.631316	0.647685	0.800331	0.734422	0.736593	0.766645	0.847268	0.80375	0.789641
0.70746	0.860919	0.700693	0.644095	0.797279	0.801141	0.870726	0.683844	0.787172	0.830937
0.828114	0.934631	0.90924	0.730022	0.924361	0.769206	0.830373	0.705664	0.691244	0.879259
0.732548	0.635779	0.698058	0.821872	0.643618	0.645079	1.049708	0.942569	0.825699	0.957129

0.999154	0.670795	0.734575	0.863307	0.640566	0.675419	0.776106	0.783915	0.798153	0.762083
0.829265	0.620356	0.659541	0.876286	0.851838	0.819185	0.761476	0.703877	1.126113	0.767249
0.837408	0.632057	0.646128	0.843315	0.797279	0.847739	0.76045	0.70656	0.938747	0.845624
0.836235	0.815654	0.805829	0.669526	0.758684	0.708932	0.766645	0.640922	0.771205	0.807512
0.851733	0.836509	0.809209	0.680298	0.843265	0.844066	0.857709	0.819643	0.793728	0.629479
0.722519	0.626167	0.929647	0.995275	1.091684	0.860214	0.627296	0.968011	0.931129	0.595293
0.812313	0.685632	0.965405	0.925034	0.838441	0.864027	0.638763	0.833837	0.706281	0.823776
1.004297	0.8908	0.952631	0.777703	0.795103	1.000979	0.701132	0.914174	0.843847	0.866012
0.879289	0.877555	0.802476	0.573704	0.933221	1.164853	0.797899	0.876771	0.903338	0.783124
0.814535	0.756521	0.67921	0.803662	1.042954	0.739459	0.817324	0.918535	0.681784	0.700878
0.655037	0.796837	0.750087	0.723486	0.919998	0.733747	0.87205	0.774374	0.62823	0.705361
0.814535	0.748695	0.715933	0.717047	0.980453	0.862753	0.787957	0.998536	0.888026	0.879259
0.856615	0.954416	0.648465	0.804778	1.018677	0.844066	0.766645	1.04289	0.875887	0.776704
0.835065	0.827116	0.715022	0.840879	0.68877	0.691423	0.78361	0.713795	0.713542	1.036349
0.629564	0.886784	0.860786	0.886955	0.594437	0.682086	0.868091	0.697682	0.681784	0.746945
0.765099	0.827116	0.818352	0.917726	0.791859	0.722542	0.848823	0.928887	0.978986	0.914259
0.815651	0.734389	0.821831	1.081218	0.760685	0.60461	0.81152	0.847268	0.70359	0.872585
0.893752	0.677327	0.792567	0.818399	0.682863	0.722542	0.823207	0.729582	0.877219	1.153075
0.821271	0.843689	1.009725	1.188472	0.687074	0.902727	0.787957	0.84851	0.799267	0.858254
0.845706	0.865971	0.902178	0.877605	0.801665	0.775408	0.90366	0.854773	0.878555	0.700878
0.866546	0.589716	0.711395	0.995275	1.000885	0.918358	1.128235	0.953517	0.965699	0.851893
0.884493	0.615335	0.789314	0.906283	0.861847	0.844066	0.855151	0.773327	0.926621	0.815568
0.788589	0.874954	0.958971	0.654247	0.593754	0.844066	0.668414	0.713795	0.867979	1.042182
0.915688	0.942134	0.798044	0.637203	0.687922	0.70626	0.676788	0.656625	0.823336	0.92161
0.892417	0.717822	0.700693	0.795929	0.648238	0.813465	0.855151	0.662257	0.926621	0.822594
0.72979	0.765498	0.719598	0.897894	0.819664	0.768181	0.813833	0.677926	0.842613	0.652797
0.810102	0.931666	0.937174	0.728145	0.918554	0.821494	0.586977	0.787142	0.996186	0.790737
0.961627	0.864702	0.90078	0.69741	0.71504	0.769206	0.652135	0.776476	0.698255	0.699987
0.711835	0.782979	0.99214	0.775608	0.689621	0.8067	0.786866	0.824323	0.632006	0.733277
0.549999	0.806698	0.98024	0.788331	0.752737	0.934573	0.958276	0.752895	0.643536	0.616801
0.794932	0.776729	0.757052	0.777703	0.882586	0.651293	0.698458	0.811572	0.600555	0.657615
0.788589	0.730653	0.698058	0.92651	0.795103	0.621807	0.792348	0.930386	0.901923	0.812097
0.622347	0.661971	0.657144	0.708011	0.72049	0.591462	0.680183	0.677087	0.840156	0.875242
0.792807	0.847324	0.743233	0.738573	1.020497	0.987199	0.971406	0.675414	0.533963	0.624214
0.587962	0.708884	0.635386	0.786185	0.743965	0.717047	0.830373	0.762991	0.565983	0.649615
0.751399	0.593091	0.650815	0.87497	0.639048	0.530512	0.676788	0.803649	0.665914	0.769332
0.843319	0.718726	0.532006	0.703563	0.869509	0.887639	0.77717	0.701211	0.780715	0.766211
0.794932	1.079915	0.696311	0.685361	0.734422	0.731859	0.762505	0.647135	0.718143	0.699987
0.675577	0.805591	0.758056	0.716135	0.561527	0.648952	0.787957	0.631011	0.58941	0.917185
0.832736	0.582383	0.740328	0.681979	0.630048	0.686305	0.831579	0.918535	0.715376	0.764142
0.845706	0.627632	0.663566	0.809271	0.735367	0.818035	0.625038	0.679608	0.964067	0.708073
0.82354	0.667566	0.640724	0.935476	0.868222	0.894432	0.762505	0.648702	0.70899	0.712632
0.851733	0.66596	0.530217	0.698284	0.662398	0.894432	0.892402	0.668786	0.76808	0.823776
0.77822	0.697534	0.716847	0.57766	0.608333	1.033681	0.749317	0.591417	0.889396	0.897107
0.643614	0.669177	0.68427	0.612829	0.682026	0.723465	0.534577	0.750904	0.761899	0.596694
0.708332	0.668371	0.862061	0.900672	0.968964	0.654433	0.624288	0.832636	0.710805	0.618273
1.018317	0.694956	1.073394	0.742428	0.699088	0.714325	0.631085	0.710162	0.80375	0.86863

0.697137	0.844898	0.947936	0.641785	0.758684	0.982143	0.672581	0.777531	0.967338	0.765175
0.683743	0.85099	0.892481	0.832461	0.82661	0.860214	0.813833	0.880771	0.628982	0.649615
0.661254	0.779842	0.887035	0.793745	0.869509	0.660783	0.740416	0.919999	0.652191	0.611686
0.700551	0.825957	0.795845	0.758199	0.706991	0.717958	0.663466	0.682145	0.609105	0.684253
0.797067	0.788257	0.630862	0.536607	0.699959	0.911183	0.779306	0.951936	0.722792	0.911353
0.767092	0.872368	0.643804	0.777703	0.858067	0.744278	0.786866	0.958295	0.855111	0.899919
0.718035	0.864702	0.68005	0.737614	0.931732	0.758061	0.942403	0.886163	0.716297	0.782048
0.814535	1.051746	1.101284	0.973314	0.907166	0.72439	0.810369	0.745966	0.710805	0.74398
0.812313	0.722361	0.665186	0.653458	0.908573	0.745248	0.81152	0.835041	0.869287	0.911353
0.849312	0.715122	0.604665	0.578323	0.682026	0.719786	0.635675	0.602568	0.652191	0.788548
0.718928	0.928721	1.067204	0.813811	0.667222	0.668853	0.786866	0.631011	0.603386	0.791835
0.833899	0.945172	1.117078	0.941558	0.744931	0.70626	0.715682	0.717458	0.777522	0.800724
0.803535	0.732517	0.665186	1.018406	0.873391	0.67874	0.745339	0.732429	0.871915	0.789641
0.884493	0.644844	0.67921	1.142347	0.953061	0.816888	0.771875	0.808159	0.798153	0.801848
0.803535	0.74196	0.892481	0.780864	0.745899	0.798938	0.663466	0.59073	0.73512	1.158158
0.979171	1.036434	0.826514	0.723486	0.794019	0.89718	0.78905	0.852257	0.871915	0.800724
0.971108	0.889457	0.673381	0.817248	0.739167	0.871756	0.891015	0.945669	0.861497	0.67073
0.87033	0.658019	0.692836	1.025778	0.890626	0.999232	0.997148	0.683844	0.751787	0.880606
0.825821	0.60756	0.739364	0.751228	0.88525	0.890344	0.734582	0.564732	0.865375	0.905598
0.869065	0.837697	0.90924	0.744368	0.844479	1.100892	0.632609	0.52993	0.728438	0.660044
1.083533	0.907246	0.844537	0.725344	0.641327	0.85769	0.709256	0.7702	0.832867	0.59951
0.772115	0.647908	0.743233	0.845764	0.650566	0.9657	0.848823	0.801411	0.761899	0.73617
0.67964	0.754551	0.786085	0.86203	0.828951	0.758061	0.739438	0.760953	0.897707	0.796257
0.741871	0.836509	0.750087	0.657419	0.921448	0.999232	0.670076	0.837459	0.964067	1.155609
0.935835	0.782979	0.699813	0.673637	0.780167	0.888989	0.731694	0.799185	0.776462	0.926082
0.84213	0.649448	0.719598	0.663027	0.71055	1.140052	0.80922	0.777531	0.62823	0.651203
0.522419	0.654883	0.90078	0.792657	0.684543	0.820338	0.740416	0.71654	0.612718	0.654397
0.697988	0.75259	0.730782	0.6948	0.848143	0.703604	0.748319	0.984704	0.937213	0.659233
1.030966	0.96866	0.688532	0.631917	0.801665	0.653646	0.684465	0.902752	0.882589	0.809798
0.814535	0.74676	0.762096	0.598696	0.663198	0.82615	0.843826	0.905579	0.670863	0.859538
0.650431	0.72145	1.055084	0.749257	0.767761	0.925653	0.714758	0.792575	0.665914	0.655199
0.673156	0.876253	0.899386	1.000505	0.912823	0.733747	0.627296	0.921468	0.819815	0.752937
0.908713	0.934631	0.693702	0.814954	1.113721	0.745248	0.78253	0.971298	1.066503	0.883313
0.771105	0.790386	0.728898	0.638725	0.823123	0.71523	0.956662	0.902752	0.760877	0.820239
0.67964	0.893498	0.873712	0.689626	0.856814	1.049045	0.819668	0.697682	0.639659	0.820239
0.762127	0.841283	0.822997	0.922096	0.812826	0.670485	0.767686	0.792575	0.675031	0.748933
0.950821	0.894854	0.657941	1.027641	0.764715	0.610267	0.761476	1.101104	0.862786	0.815568
1.111308	0.933146	0.869794	0.794836	0.875998	0.820338	0.77717	0.736254	0.957597	1.066329
0.949299	0.957541	0.840872	0.823036	0.975492	1.062949	0.862869	0.701211	0.69914	0.866012
0.914284	1.065602	0.739364	0.744368	0.743001	0.76512	0.874709	0.816166	0.809419	1.160722
0.867804	0.775696	0.90924	1.056587	0.788639	0.805583	1.076456	0.91129	0.711716	0.815568
0.883186	0.75357	0.720519	0.878929	0.882586	0.972203	0.966435	0.611123	0.763949	0.946009
0.769094	0.710657	0.588039	0.906283	0.965737	0.886293	0.838885	0.738179	0.901923	0.817897
0.958512	0.970272	0.830059	0.906283	0.834858	0.677076	0.835217	0.805898	0.757826	0.892922
0.908713	0.787196	0.763112	0.895134	0.59856	0.583359	0.973075	0.817321	0.717219	0.880606
0.745657	0.634286	0.715933	0.69741	0.668842	0.801141	0.693158	0.701211	0.761899	0.667414
0.84213	0.704484	0.664375	0.872351	0.881261	0.957707	0.714758	0.702987	1.014096	0.79404

1.185732	0.864702	0.706904	0.974965	0.940745	0.83681	0.707438	0.612565	0.815164	1.036349
0.866546	0.743874	0.786085	0.799226	0.748816	1.180443	0.820844	0.672917	0.704485	0.829736
0.665976	0.80892	0.946382	0.738573	0.656836	0.862753	0.785778	0.719302	0.755803	0.594594
0.822404	0.751613	0.818352	0.821872	0.775992	0.85769	0.676788	1.003839	0.977303	0.648032
0.935835	0.706239	0.770291	0.881588	0.911402	1.01521	0.820844	0.69331	0.855111	0.824961
0.704856	0.749665	0.710493	0.777703	0.705222	0.951416	0.787957	0.639382	0.75379	0.783124
0.653496	0.821348	0.662758	0.654247	0.668031	0.710722	0.842585	0.695928	0.680934	0.627215
0.782338	0.730653	0.798044	0.734752	0.77912	0.796745	0.763536	0.993297	0.828075	0.664943
0.881883	0.635032	1.004374	1.089749	0.824282	0.83204	0.730735	0.741082	0.634288	0.759013
0.987386	0.779842	0.77654	0.712506	0.654474	1.026198	0.816157	0.781777	0.925128	0.961984
0.836235	1.007339	0.739364	0.654247	0.701707	0.943679	0.848823	0.8781	0.820985	0.681685
0.745657	0.791455	0.759063	0.795929	0.909985	0.688856	0.726923	1.13583	0.732244	0.648823
0.717144	0.730653	1.061102	0.993546	1.016865	0.74622	0.704724	0.754896	0.772251	0.833351
0.688717	0.684795	0.703344	0.746317	0.810571	0.7817	0.63414	0.736254	1.021473	1.168506
0.716255	0.841283	0.708695	0.691344	0.82661	0.855181	0.819668	0.856037	0.70899	0.815568
0.910099	0.773637	0.801363	0.988399	0.928769	0.847739	0.997148	0.820808	0.562738	0.703562
0.659691	0.831787	0.848233	0.89376	0.729728	0.640476	0.80922	0.84851	0.7332	0.813251
0.884493	0.799009	0.762096	0.734752	0.5823	0.666416	0.672581	1.073104	0.920682	1.038285
0.912885	0.848543	0.633872	0.676123	0.854319	0.847739	0.74633	0.888884	0.603386	0.784204
0.693749	0.773637	0.712299	0.725344	0.856814	0.939102	0.963153	0.717458	0.568598	0.735204
0.595969	0.937617	0.880323	0.949282	0.879939	0.77645	0.886881	0.786064	0.746818	0.676594
0.715367	0.8248	0.885684	0.93097	0.817373	0.707148	0.897995	0.915623	0.831664	0.985386
0.810102	0.683124	0.651601	0.86716	1.109223	0.682926	0.82917	0.991565	0.807143	0.890155
0.904581	0.682291	0.583308	0.663834	0.744931	0.658391	0.757385	0.750904	0.67671	0.827342
0.596644	0.685632	0.561031	0.625954	0.564708	0.725316	0.9226	0.742055	0.689508	0.779903
0.665185	0.841283	0.750087	0.671166	0.654474	0.74331	0.660198	0.673747	0.668382	0.911353
0.781304	0.849765	0.762096	0.818399	0.757687	0.731859	0.817324	0.996783	1.094186	0.912803
0.967925	0.735328	0.740328	1.070785	0.959353	0.834418	0.769776	0.67126	0.644316	0.95074
0.611045	0.674049	0.804708	0.938507	0.717756	0.918358	0.93011	0.630258	0.649813	0.892922
0.908713	0.917136	0.858246	0.792657	0.630791	0.668853	0.873377	0.792575	0.743864	0.843142
0.869065	0.857169	0.688532	0.946176	0.828951	0.717047	1.176219	0.917077	0.776462	0.792936
0.786495	0.598546	0.787159	0.943092	0.791859	0.670485	0.816157	0.708357	0.718143	0.72945
0.822404	0.867243	0.792567	0.831272	0.633775	0.7521	0.673419	0.531726	0.710805	0.935165
0.927086	1.023464	0.949495	0.978285	0.626353	0.771264	0.660198	0.667145	0.764978	0.753944
0.874147	0.759493	0.716847	0.881588	0.694759	0.717047	0.775044	0.682145	0.842613	0.914259
0.731627	0.589716	0.60608	1.107331	0.859323	0.747195	0.933151	0.852257	0.770161	0.711716
0.715367	0.738158	0.673381	0.830086	0.912823	0.887639	0.763536	0.574548	0.692114	0.985386
0.733472	0.745796	0.914974	0.67946	0.673739	0.937587	0.835217	0.591417	0.723728	0.760034
1.018317	0.927256	0.755051	0.768355	0.583632	0.833228	0.797899	0.85985	0.810562	0.854427
0.84213	0.650221	0.644577	0.878929	0.68119	0.866588	0.881429	0.808159	0.897707	0.851893
0.758195	0.717822	0.770291	1.048677	0.83367	0.85895	0.667585	0.675414	0.860212	0.855699
0.850521	0.914287	0.949495	0.757196	0.881261	1.056936	0.768729	0.610404	0.739956	0.990569
1.053548	0.829446	0.792567	0.690484	0.59787	0.728108	0.656148	0.547604	0.755803	0.675752
0.642863	0.604766	0.849472	0.659814	0.562796	0.780645	0.646579	0.816166	0.730337	0.578821
0.556715	0.659596	0.902178	0.913399	0.761689	0.794564	0.743363	0.611123	0.728438	0.605914
0.591947	0.683124	0.763112	0.60854	0.798372	0.76512	0.701132	0.842336	1.010455	0.843142
0.874147	1.067618	0.752066	0.696538	0.69304	0.709826	0.702027	0.77124	0.801503	0.844381

0.949299	0.769549	0.9769	0.768355	0.983792	0.975491	0.68966	0.989839	0.764978	0.699098
0.618074	0.659596	1.081786	0.850704	0.767761	0.769206	0.687055	0.743029	0.778583	0.63328
0.727049	0.807807	0.757052	0.699159	0.811697	0.559285	0.49444	0.766066	0.967338	0.777768
0.839763	0.828279	0.732675	0.665453	0.683702	0.590101	0.681891	0.704769	0.795935	0.966894
0.727961	0.748695	0.913533	0.703563	0.771857	0.708932	0.725975	0.801411	0.715376	0.899919
0.662822	0.615335	0.952631	0.917726	0.96094	1.071099	0.810369	0.835041	0.702696	0.637114
0.732548	0.589716	0.665999	0.780864	0.843265	0.811199	0.735549	0.862411	0.91921	0.620492
0.924208	0.775696	0.704231	0.656624	0.711444	0.702723	0.852609	0.692441	0.842613	0.800724
0.865292	0.738158	0.652389	0.555703	0.71055	0.702723	0.786866	0.808159	0.670035	0.832142
0.669152	0.910049	0.711395	0.644868	0.886587	0.918358	0.690531	0.724879	0.711716	0.924586
0.787541	0.889457	0.875026	0.910539	0.933221	0.762081	0.674259	0.851005	0.614172	0.728498
0.850521	0.68146	0.674209	1.219278	0.765728	0.700089	0.732654	0.915623	0.749793	0.735204
0.724325	0.701864	0.809209	0.886955	0.827779	0.988898	0.891015	0.835041	0.751787	0.935165
0.730707	1.177387	0.843312	0.802549	0.883916	0.850206	0.876045	0.991565	0.656985	0.714469
0.648147	0.921444	0.855721	0.876286	0.75471	0.674593	0.696684	0.91129	0.665914	0.786371
0.937311	0.889457	0.872402	0.958736	0.790783	0.827321	0.824393	0.922942	0.790438	0.875242
1.180526	0.837697	0.651601	0.776654	0.844479	0.802247	0.742378	0.663068	0.719069	1.14556
0.807902	0.745796	0.5942	0.86716	0.965737	0.834418	0.905088	0.670433	0.688643	0.849375
0.731627	0.868518	0.672554	0.772485	0.809448	0.848971	0.918155	0.704769	0.614172	0.809798
0.806806	0.72419	0.808079	0.933969	0.61689	0.621077	0.9226	0.898545	0.702696	0.810946
0.844511	0.568717	0.727022	0.754202	0.825445	0.718871	0.700239	0.816166	1.085479	0.807512
0.699695	0.810035	0.673381	0.721637	0.886587	1.056936	0.907958	0.58189	0.861497	0.92013
1.004297	0.811153	0.630112	0.840879	0.821967	0.834418	0.824393	0.643241	0.754796	0.971859
0.943263	1.009101	1.000843	0.860757	0.661599	0.705373	0.873377	0.679608	0.740929	0.963615
0.689552	0.689846	0.766174	0.850704	0.804983	0.771264	0.843826	0.743029	0.841383	0.660044
0.683743	0.616764	0.65874	0.726275	0.88525	0.96409	0.724085	0.710162	0.831664	0.777768
1.083533	0.825957	0.717762	0.886955	0.834858	0.845287	0.709256	0.657425	0.757826	0.785286
0.87033	0.813398	0.7672	0.766305	0.701707	0.625477	0.663466	0.634796	0.761899	0.867319
0.72979	0.640288	0.831247	0.699159	0.808327	0.785946	0.846317	0.811572	0.795935	0.806373
0.718928	0.609666	0.738402	0.662221	0.768782	1.043219	0.680183	0.886163	0.873235	0.630995
0.801368	0.627632	0.848233	0.821872	0.792938	1.060935	0.766645	0.677926	0.79483	0.711716
0.931438	0.816787	0.786085	0.802549	0.74108	0.853932	0.674259	0.594178	0.775406	0.833351
0.700551	0.877555	0.899386	0.674464	0.680356	0.850206	0.711082	0.614738	0.73512	0.820239
0.585325	0.55114	0.781817	0.831272	0.881261	0.778543	0.558375	0.665509	0.632006	0.574133
0.727961	0.633542	0.88839	0.817248	0.89198	0.657596	0.582871	0.753895	0.744846	0.691176
0.843319	0.745796	0.947936	0.717961	0.631535	0.83204	0.778237	0.823148	0.970634	0.866012
0.718035	0.815654	0.661951	0.602888	0.642853	0.865306	0.769776	0.764014	0.907609	0.838219
0.705723	0.796837	0.657144	0.855702	0.778075	0.685458	0.573439	0.625767	0.559516	0.545142
0.498096	0.823646	1.075477	0.837252	0.804983	0.723465	0.609556	0.871494	0.651397	0.686836
0.727049	0.782979	0.800254	0.584335	0.633027	0.624741	0.711082	0.868879	0.977303	0.901332
0.792807	0.863438	0.611785	0.553191	0.707878	0.687154	0.636445	0.819643	0.911923	1.064265
0.69884	0.764492	0.730782	0.700036	0.855564	0.865306	0.6958	0.773327	0.591478	0.72945
0.648147	0.67815	0.834832	0.865872	0.864386	0.754078	0.869407	0.829054	0.634288	0.783124
0.708332	0.836509	0.960571	0.756196	0.840846	0.719786	0.705627	0.838673	0.770161	0.787458
0.956963	0.881486	0.65874	0.693933	0.874693	0.747195	0.656955	1.119278	0.96082	0.886037
0.78964	0.854687	0.516745	0.662221	0.682863	0.860214	0.823207	0.8781	0.778583	0.679981
0.683743	0.765498	0.65476	0.758199	0.72049	0.716137	0.837659	0.666326	0.540058	0.719095

0.725231	0.948232	0.859514	0.831272	0.849371	0.734694	0.698458	0.658226	0.556956	0.725656
0.915688	0.860919	0.837238	0.752217	0.914248	0.720703	0.74633	0.887521	0.702696	0.828537
0.927086	0.588374	0.70512	0.86203	1.111466	0.803356	0.765606	0.754896	0.742884	0.801848
0.891086	0.764492	0.884338	0.855702	0.765728	1.000979	0.781453	0.573887	0.674194	0.783124
0.950821	0.907246	0.765151	0.811535	0.768782	0.735642	0.603086	0.634796	0.724666	0.804105
0.786495	0.797922	0.610351	0.702678	0.708767	0.640476	0.856428	0.77124	0.814009	0.953923
0.955419	0.634286	0.665186	0.87497	0.878621	0.816888	0.882786	0.819643	0.717219	0.939779
0.734397	0.658019	0.736484	0.899281	0.734422	0.768181	0.931628	0.631765	0.628982	1.002908
1.01125	0.863438	0.788235	1.091908	0.777032	0.791312	0.857709	0.690708	0.583943	0.643319
0.997453	0.843689	0.781817	0.699159	0.843265	0.637435	0.848823	0.833837	0.686058	0.740057
1.091892	0.704484	0.60821	0.756196	0.931732	0.911183	0.918155	0.725816	0.730337	0.838219
0.940277	0.797922	0.79475	0.957146	0.827779	0.978804	0.648952	0.762991	0.730337	0.997577
0.764106	0.776729	1.18942	1.081218	0.685385	0.667227	0.601662	0.743029	0.7733	0.917185
0.990716	0.892147	0.916419	0.87497	0.657626	0.676247	0.80014	0.715623	0.93416	0.783124
0.815651	0.703609	0.681733	0.89239	0.639048	0.677907	0.881429	0.768128	0.769119	0.792936
0.691226	0.611077	0.719598	0.708906	0.693899	0.738502	0.644219	0.610404	0.771205	0.697325
0.655809	0.71602	0.830059	0.657419	0.815094	0.95455	0.677634	0.66388	0.826886	0.82615
1.111308	0.946699	0.796943	0.714317	0.599943	0.668853	0.667585	0.636319	0.946502	0.595293
0.826966	0.670795	0.769258	0.846994	0.672919	0.818035	0.812675	0.705664	0.843847	0.615333
0.71008	0.718726	0.787159	0.740496	0.708767	0.714325	0.80922	0.727695	0.88124	0.871263
0.731627	0.670795	0.80359	0.563968	0.748816	0.750131	0.628807	0.643241	0.836496	0.859538
0.912885	0.904462	0.830059	0.625214	0.646692	0.713421	0.533359	0.592796	0.649813	0.61096
0.721618	0.689	0.907819	0.65267	0.570493	0.840423	0.78905	0.809294	0.619298	0.655199
0.637643	0.694956	0.831247	0.780864	0.707878	0.767158	0.759426	0.725816	0.725606	0.619751
0.704856	0.714225	0.634628	0.850704	1.081071	0.757062	0.590429	0.765039	1.04048	0.843142
0.762127	0.837697	0.708695	0.693069	0.763704	0.688856	0.724085	0.820808	0.804878	0.762083
0.836235	0.763488	0.844537	0.67946	0.730663	0.647399	0.808075	0.830244	0.638887	0.555868
0.767092	0.761486	1.013329	0.868452	0.851838	0.654433	0.705627	0.708357	0.690375	0.61096
0.838583	0.914287	0.788235	0.802549	0.825445	0.664799	0.631085	0.820808	0.892148	0.665765
0.846905	0.900318	0.667628	0.730022	0.767761	0.64124	0.665933	0.84851	0.892148	0.808654
0.626663	0.660386	0.702459	0.612829	0.772887	0.721622	0.62579	0.775424	0.636581	0.69821
0.623781	0.816787	0.765151	0.677788	0.886587	0.840423	0.892402	0.767096	0.59425	0.812097
0.797067	0.732517	0.648465	0.756196	0.735367	0.850206	0.700239	0.792575	0.730337	0.691176
0.932899	0.842484	0.659541	0.748275	0.676208	0.586043	0.572108	0.730529	0.736083	0.672397
0.832736	0.744834	0.673381	0.644095	0.591032	0.603207	0.797899	0.77124	0.588722	0.764142
0.84213	0.893498	0.657144	0.772485	0.834858	0.638953	0.726923	0.84603	0.579887	0.783124
0.714482	0.66436	0.644577	0.674464	0.753722	0.601809	0.681891	0.815013	0.73512	0.782048
0.825821	0.568077	0.578627	0.789409	0.57767	0.455613	0.648952	0.930386	0.738984	0.738109
0.693749	0.618916	0.650815	0.604294	0.496315	0.548039	0.655343	0.659834	0.562738	0.67073
0.788589	0.731584	0.616113	0.676955	0.702583	0.783818	0.802392	0.543888	0.628982	0.772476
0.856615	0.70536	0.623425	0.854447	0.788639	0.762081	0.749317	0.618383	0.628982	0.886037
0.734397	0.696673	0.707798	0.777703	0.585638	0.656803	0.881429	0.712884	0.591478	0.816731
0.660472	0.608261	0.585329	0.628925	0.656047	0.695734	0.715682	0.81848	0.888026	0.79404
0.631752	0.614622	0.640724	0.764264	0.739167	0.7521	0.846317	0.668786	0.888026	0.688567
0.730707	0.75751	0.646906	0.715225	0.582966	0.684612	0.715682	0.529334	0.67587	0.800724
0.642113	0.658807	0.849472	0.601486	0.491972	0.603908	0.851343	0.610404	0.58941	0.936698
0.722519	0.626899	0.812615	0.672812	0.664803	0.64124	0.648952	0.677087	0.652191	0.723771

0.69884	0.653323	0.808079	0.960332	0.7316	0.754078	0.613924	0.741082	0.941833	0.634809
0.884493	0.769549	0.721442	0.947726	0.818517	0.756065	0.712916	0.644794	0.742884	0.627968
0.761141	0.667566	0.650815	0.615711	0.656047	0.659187	0.831579	0.70656	0.848817	0.732317
0.649669	0.696673	0.744205	0.551941	0.763704	0.676247	0.925588	0.832636	0.709897	0.823776
0.616659	0.632799	0.748118	0.637963	0.71234	0.731859	0.611007	0.776476	0.760877	0.601634
0.611743	0.654883	0.833633	0.707118	0.649788	0.802247	0.60811	0.698561	0.759857	0.67073
0.77414	0.679802	0.666813	0.660615	0.513564	0.726245	0.74435	0.710162	0.973956	0.981964
0.821271	0.828279	0.638428	0.587712	0.629307	0.860214	0.940847	0.792575	0.818647	0.844381
0.786495	0.714225	0.67587	0.821872	0.721405	0.782757	0.579479	0.673747	0.617094	0.513888
0.757218	0.846109	0.801363	0.691344	0.734422	0.891702	0.629565	0.616921	0.568598	0.706263
0.70659	0.763488	0.624163	0.681979	0.631535	0.844066	0.68879	0.758925	0.800383	0.926082
0.724325	0.954416	0.624163	0.699159	0.766743	1.026198	0.835217	0.830244	0.964067	0.854427
0.684568	0.821348	0.819509	0.854447	0.77392	0.867875	0.882786	0.856037	0.763949	0.690304
0.762127	0.901695	1.018792	0.824203	0.77083	0.737547	0.702027	0.802529	0.713542	0.760034
0.77822	0.828279	0.762096	0.762233	0.71055	0.722542	0.703823	0.831438	0.792628	0.748933
0.833899	0.878862	0.601148	0.644095	0.780167	0.93009	0.775044	0.748922	0.760877	0.819067
0.667561	0.770567	0.790396	0.961934	0.784382	0.833228	0.790147	0.787142	0.606952	0.593199
0.658912	0.799009	0.693702	0.827723	0.88525	0.624741	0.882786	0.927393	0.810562	0.890155
1.04589	0.970272	0.766174	0.580318	0.907166	0.95298	0.825582	0.905579	0.850068	0.952328
1.278836	0.771588	0.764131	0.85696	1.179494	1.045153	0.773986	0.996783	0.801503	0.777768
0.744708	0.764492	1.035605	0.842096	0.722322	0.630668	0.86678	0.887521	0.755803	0.988834
0.712716	0.802288	0.79475	0.89376	0.801665	0.584028	0.822024	0.778589	0.795935	1.176432
0.683743	0.732517	0.579293	0.676123	0.744931	0.640476	0.842585	0.805898	0.783932	1.072582
1.027314	0.633542	0.636144	0.858222	0.968964	0.8067	0.761476	0.92442	0.888026	0.881958
0.910099	0.775696	0.869794	0.820711	0.75471	0.74138	0.878729	0.698561	0.774352	0.946009
0.955419	0.711547	0.844537	0.974965	0.714138	0.865306	1.022633	0.901345	0.987501	1.002908
1.180526	0.993491	0.752066	0.86716	0.788639	0.893065	1.121121	1.192378	1.257793	1.158158
0.787541	0.676505	0.727959	1.23705	1.392456	1.207739	1.026399	1.058742	1.030872	1.042182
0.731627	0.791455	0.79148	0.952411	0.877308	1.031798	0.876045	0.731478	0.788258	1.052081
1.087692	1.250923	1.279597	0.89239	0.589677	0.714325	0.79456	0.939491	1.066503	1.209669
1.00776	0.771588	0.9956	1.096259	0.875998	0.924184	1.291789	1.584049	1.89121	1.135738
1.000861	0.670795	1.031812	2.039449	1.096003	1.167413	1.415985	1.163184	0.834074	1.393192
1.224035	1.028975	1.364156	1.383009	2.115805	1.525541	1.173557	0.767096	0.747807	1.776789
1.466702	1.044022	1.140687	1.033278	1.050706	1.284583	1.335754	0.761971	1.383245	1.288343
1.170297	1.187921	0.832439	1.331218	1.111466	1.961781	1.480896	1.787358	2.459357	1.589788
0.982438	1.15458	1.200415	1.155941	1.308084	1.431168	1.480896	1.153036	1.112142	1.32056
1.224051	2.934512	2.39354	1.28495	1.296517	1.497205	0.880077	1.062797	2.077619	2.69988
1.451952	1.549126	1.283268	1.281587	0.992254	1.470605	1.480896	1.567069	1.653241	0.97857
0.758195	0.931666	1.282427	1.191184	0.985472	3.061257	1.343439	2.427796	2.367781	1.072582
1.312561	1.465801	2.114787	1.155283	1.948278	1.216274	1.209507	1.05273	2.328344	1.226032
1.3156	2.059055	1.119382	1.210477	1.225069	1.233864	1.065973	1.178864	1.379483	1.479793
1.162781	0.96386	1.235178	1.185777	1.655984	2.48402	2.140948	1.990184	1.580102	1.625772
1.036503	1.370836	1.770291	1.383009	2.313791	1.508319	0.974751	1.123943	1.14547	1.150555
1.127034	1.652328	1.401711	1.411062	1.533257	1.009819	1.002484	1.498378	1.220946	1.347381
1.993129	2.934512	1.420412	1.207821	1.182132	1.588446	1.30957	1.717642	1.437877	1.513934
1.226905	1.525297	1.053096	1.22219	1.405318	1.595269	1.233205	0.976277	1.074835	1.42739
1.167777	1.249936	1.181352	1.842388	2.093665	1.219157	1.380382	1.422168	1.203632	1.454408

1.317919	1.332006	1.272966	1.764508	0.872093	0.983822	1.320599	1.350491	1.284218	1.074686
1.347691	1.404611	0.947936	1.123321	0.953061	1.069047	1.449728	1.551478	1.428256	1.537776
1.744177	1.376151	1.263206	1.383009	1.252308	1.447236	2.252632	1.081529	1.506022	1.648886
1.916307	3.116594	1.37958	1.381294	2.392113	1.930923	1.444744	1.138246	1.079061	1.766294
1.380772	1.112273	1.637665	1.937353	1.062598	1.043219	1.232589	2.382984	1.046349	2.351671
1.643193	0.931666	1.206019	1.309249	1.163993	1.326931	1.100452	1.094481	1.189713	1.351352
1.166597	1.144816	0.867201	3.179482	1.564019	1.121183	1.109517	0.852257	1.418892	1.168506
1.195057	1.198396	1.376507	1.404698	1.132192	1.094333	1.64206	1.110096	1.032777	1.293699
1.201736	1.869439	2.071321	1.002262	0.89607	1.202141	1.158227	1.673914	1.529339	1.375714
1.419367	1.005584	1.029928	1.17779	1.510126	1.114314	1.022633	1.345479	1.457729	1.046114
1.456813	1.395918	1.152895	1.128	1.212261	1.345873	1.209507	1.05273	1.45268	1.109821
1.223965	1.197131	1.175013	1.338794	1.293079	1.315951	1.239338	0.888884	1.607898	1.563004
1.170297	1.143536	2.548442	0.990108	1.303452	1.421844	1.45477	1.13583	1.437877	1.681753
0.877998	1.116775	1.130156	1.149702	0.972216	1.326931	1.30957	1.352921	1.396272	0.800724
1.368633	1.174793	1.139929	1.144815	1.604062	1.465475	0.892402	0.981313	1.409702	1.155609
3.481142	1.424934	1.573996	1.315432	1.632968	2.012614	1.104961	1.181533	2.000276	1.375969
1.690757	1.481236	0.983607	1.216385	1.414479	1.362025	2.166293	1.153036	1.483893	1.050083
0.935835	1.164569	1.190477	1.232045	1.263371	0.864027	1.30957	2.156056	1.119071	0.835778
0.815651	1.286219	1.177523	1.268389	1.247705	1.062949	0.812675	1.832876	1.529339	2.393543
1.319471	1.205123	1.117078	1.072851	1.146065	4.191591	0.907958	3.312403	1.553979	1.393192
1.466702	1.856821	1.124027	1.219278	1.109458	1.053396	1.033401	1.330132	1.251431	0.828537
0.875427	1.343295	1.518479	1.681339	1.093386	1.013405	1.043398	0.986409	0.786089	0.96036
1.19366	1.417986	1.389219	0.843315	1.244638	1.077313	0.991876	1.257407	1.267515	1.766294
1.355455	1.169651	1.256819	1.068728	1.680289	1.041295	1.08938	1.590867	1.396272	1.343447
2.01027	1.68456	2.217449	1.130358	1.355427	1.075614	1.068732	0.993297	1.036612	1.393192
2.205666	1.847415	1.751618	1.818676	0.993967	1.294789	1.061849	0.841111	1.500383	2.135933
1.466702	2.079334	1.253661	1.338794	1.904254	1.064972	0.940847	1.5578	2.22783	2.928908
1.414905	0.743874	0.999088	1.157516	1.114114	1.32324	1.425362	1.584049	0.838933	1.24566
1.075333	1.132911	1.244321	1.056587	1.070712	1.101747	1.212494	1.098885	0.772251	1.218391
1.341563	1.104122	1.118517	1.210657	0.670468	1.365678	1.08938	0.84851	1.012272	1.209669
1.172832	1.002094	1.028052	1.894089	1.482844	0.769206	1.278071	1.232619	1.183913	1.268121
1.212743	0.886784	1.931142	2.292578	1.351501	1.018842	1.778493	2.382984	1.150447	1.158158
1.476821	2.100606	2.114787	1.04091	0.759683	1.357647	1.063906	0.833837	1.050305	1.927703
1.753756	1.179996	1.770291	2.259511	1.060593	1.052972	1.068049	1.103335	1.447689	1.163301
0.901849	0.618916	0.987	1.023797	1.139327	1.204931	2.321494	1.308082	1.586886	0.887405
0.950821	0.767519	0.854464	0.83485	0.93923	1.199369	0.973075	0.86628	0.965699	0.924586
1.312561	1.427137	1.567465	0.843315	0.98212	1.750682	0.717535	0.675414	1.087639	1.44938
1.212743	0.951312	1.053096	0.768355	0.608333	0.768181	0.862869	0.794767	0.719997	0.862116
0.893752	0.620356	1.110239	0.803662	0.630791	0.874363	0.802392	0.816166	0.847569	0.564904
0.648907	0.774665	0.917869	0.916279	0.762695	0.848971	0.766645	0.612565	0.711716	0.721895
0.751399	0.821348	0.67921	0.717961	1.052665	0.876986	0.600241	0.698561	1.094186	0.883313
0.759175	0.828279	0.968658	0.693069	0.677863	0.673768	0.801265	0.748922	0.752788	0.713549
0.62594	0.64714	0.670084	0.512576	0.623419	0.794564	0.680183	0.683844	0.59425	0.641759
0.732548	0.847324	0.793657	0.567189	0.636027	0.731859	0.584919	0.670433	0.544997	0.697325
0.814535	0.730653	0.613944	0.691344	0.624884	0.603908	0.505127	0.514098	0.554411	0.562303
0.742815	0.52488	0.56231	0.690484	0.592391	0.464171	0.565514	0.535339	0.599146	0.657615
0.458066	0.480859	0.539234	0.553191	0.545962	0.531105	0.653736	0.586627	0.4886	0.53346

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0.673042	0.715475	0.67227	0.734538	0.800494	0.883315	0.703071	0.626922	0.622485	0.656784
0.607402	0.660374	0.740231	0.678726	0.638153	0.728275	0.935989	0.967567	0.759603	0.647121
0.663967	0.630998	0.67227	0.848463	0.726007	0.666726	0.661601	0.693829	0.777193	0.647918
0.68231	0.761676	0.64076	0.613254	0.831318	0.694253	0.591671	0.72452	0.989448	0.654348
0.785663	0.64663	0.682186	0.536751	0.582775	0.605044	0.750902	0.846873	0.780372	0.814024
0.531935	0.649024	0.89056	0.525507	0.718362	0.718149	0.638037	0.767757	0.630697	0.654348
0.651891	0.762715	0.914149	0.947405	0.872529	0.913629	0.783847	0.737816	0.728308	0.471912
0.879355	0.861521	0.637731	1.063484	0.753876	0.565525	0.619332	0.891211	0.87774	0.710456
0.752397	0.751426	0.549904	0.678726	0.726972	0.6832	0.56116	0.742665	0.856949	0.851885
0.715941	0.799586	0.698366	0.621192	0.792556	0.840271	0.774326	0.730169	0.721753	0.860911
0.668069	0.853759	0.963956	0.654476	0.75285	0.732016	0.700415	0.663536	0.591797	0.704963
0.766638	0.61814	0.778144	0.765895	0.52691	0.5845	0.640336	0.720795	0.706234	1.130144
0.904182	0.600612	0.55925	0.628535	0.634233	0.717241	0.657584	0.637509	0.575567	0.729288
0.875352	0.711761	0.599475	0.780359	0.879336	0.846339	0.745973	0.686055	0.854419	0.642369
0.899944	0.767944	0.578568	0.657632	0.704381	0.773379	0.724925	0.699973	0.85822	0.778123
0.678917	0.851202	0.742146	0.608985	0.590469	0.791309	0.898205	0.642127	0.735923	0.897597
0.615358	0.707162	0.671453	0.560785	0.686413	0.701197	0.985807	0.945235	0.791142	0.731217
0.542916	0.628701	0.766825	0.615405	0.664951	0.607153	0.593737	0.834649	0.839539	0.550421
0.678073	0.648225	0.838442	0.924851	0.683781	0.63932	0.517911	0.616587	0.725487	0.623863
0.872703	0.670345	0.612805	0.587574	0.659126	0.758151	0.656785	0.6852	0.977561	0.872799
0.714105	0.732593	0.619989	0.657632	0.689948	0.771317	0.754886	0.80891	0.788966	0.655971
0.673876	0.764799	0.629509	0.731711	0.815632	0.667535	0.970746	0.775051	0.637533	0.635336
0.637061	0.918634	0.696634	0.63903	0.694407	0.546117	0.551657	0.65389	0.767792	0.706786
0.542298	0.645041	0.507647	0.576922	0.658301	0.49153	0.499742	0.6852	0.795526	0.762264
0.714105	0.557707	0.598785	0.637515	0.749784	0.671603	0.718437	0.623944	0.616609	0.602505
0.608838	0.629466	0.779188	0.738336	0.628034	0.657925	0.826521	0.554178	0.67094	0.667502
0.7504	0.717344	0.657017	0.627795	0.533667	0.543066	0.608483	0.60365	0.797734	0.778123
0.594689	0.585834	0.51441	0.576265	0.495749	0.521134	0.626717	0.613679	0.776138	0.663348
0.505074	0.423262	0.622896	0.659219	0.540531	0.495872	0.653603	0.631428	0.540513	0.546613
0.544773	0.510442	0.640001	0.568456	0.794809	0.645434	0.532054	0.537445	0.693857	0.750991
0.651891	0.662845	0.685543	0.525507	0.667471	0.605044	0.569568	0.565055	0.566372	0.591156
0.571647	0.530681	0.635473	0.587574	0.492358	0.717241	0.658384	0.643677	0.557368	0.548513
0.507914	0.583763	0.695771	0.546451	0.542422	0.556652	0.670572	0.526637	0.637533	0.49823
0.5871	0.726812	0.637731	0.496144	0.603359	0.660308	0.453376	0.50977	0.759603	0.549784
0.711364	0.631767	0.595349	0.498882	0.705299	0.662704	0.591671	0.522505	0.539901	0.694179
0.551652	0.5362	0.452078	0.473278	0.575216	0.576548	0.633473	0.650722	0.549171	0.574671
0.490595	0.668667	0.647653	0.511707	0.601908	0.736739	0.536267	0.50523	0.606513	0.592559
0.557363	0.583075	0.623626	0.964723	0.799351	0.695115	0.670572	0.721723	0.683522	0.570645
0.68573	0.635629	0.505416	0.601266	0.600461	0.56745	0.695151	0.779274	0.72455	0.693293
0.494446	0.592808	0.545	0.544615	0.798211	0.674885	0.72962	0.670914	0.603672	0.665836
0.523583	0.732593	0.721531	0.583549	0.85015	0.689968	0.629707	0.604359	0.566372	0.566657
0.74055	0.706249	0.673087	0.772035	0.644499	0.658718	0.775373	0.865878	0.727366	0.660875
0.941202	0.700805	0.656229	0.700897	0.567786	0.5086	0.609198	0.67926	0.902385	0.688886
0.702353	0.589307	0.584535	0.760844	0.653379	0.687418	0.701299	0.554811	0.723616	0.784632
0.686589	0.593512	0.657017	0.880326	0.688177	0.665919	0.757898	0.589029	0.613701	0.580097
0.67555	0.628701	0.679686	0.619738	0.655014	0.609272	0.918141	0.750538	0.699118	0.889172
0.681459	0.637963	0.683023	0.624848	0.604815	0.688266	0.847059	0.95308	0.846915	0.732184

0.673876	0.613691	0.696634	0.797501	0.792556	0.922277	0.648874	0.757546	0.86334	0.554906
0.790007	0.675417	0.723365	0.716938	0.597583	0.817953	0.638037	0.619515	0.801068	0.777047
0.843353	1.000287	0.749891	0.767932	0.642108	1.0037	0.793581	0.661913	0.811227	0.936118
0.584373	0.683139	0.717885	0.737384	0.643701	0.742475	0.790312	0.565704	0.729253	0.631478
0.610279	0.647427	0.655442	0.652906	0.815632	0.813398	0.668927	0.825112	0.754562	0.524442
0.655879	0.625658	0.688077	0.494509	0.680296	0.577205	0.562443	0.609352	0.774036	0.906188
0.953747	0.721107	0.640001	0.588248	0.748767	0.658718	0.60777	0.680949	0.802185	0.804767
0.728071	0.708996	0.610673	0.582882	0.71085	0.916492	0.916686	0.72452	0.879073	0.591156
0.540451	0.616652	0.702726	0.666432	0.699819	0.613542	0.797979	0.728278	0.58091	0.686264
0.587784	0.733565	0.602248	0.726112	0.773861	0.499706	0.62821	0.618781	0.610811	0.674231
0.678917	0.795082	0.614948	0.835151	0.583469	0.593284	0.723061	0.755532	0.729253	0.761227
0.818184	0.612954	0.692334	0.774101	0.749784	0.880662	0.84954	0.726395	0.61588	0.660875
0.81935	0.743397	0.781283	0.728903	0.672555	0.826043	0.895431	0.675067	0.702661	0.809371
0.832387	0.84993	0.720617	0.793152	0.604815	0.564885	0.827702	1.173012	0.839539	0.681066
0.65829	0.55255	0.754804	0.716938	0.648513	0.715428	1.059896	0.848114	0.869826	0.692408
0.525953	0.516887	0.823143	0.888334	0.820398	0.702951	0.700415	0.59593	0.680131	0.936118
0.795498	0.712686	0.738324	0.740248	1.306037	1.234634	0.679732	0.614404	0.846915	0.767486
0.843353	0.862828	0.715171	0.741207	0.826431	1.063875	0.918141	0.781402	0.799954	0.636889
0.955341	0.710837	0.883859	0.697412	0.941172	1.537701	1.505699	1.356629	0.823975	0.705873
0.978294	0.888444	0.925709	0.872463	0.867158	0.794552	0.872535	0.801031	0.856949	0.730251
1.266125	1.235244	0.721531	0.849693	1.022739	0.674885	0.61279	0.673401	0.959516	0.809371
1.102134	0.932243	0.660184	0.674589	0.907687	0.709145	0.824167	0.85186	0.804428	0.795702
0.624953	0.83617	0.720617	0.627057	0.80164	0.710037	1.00141	0.945235	0.743674	0.817547
0.612448	0.996709	0.939093	0.789918	0.739718	0.592602	0.623009	0.902336	0.723616	0.781365
0.867454	0.84993	1.068302	0.860929	0.763228	0.604343	0.7382	1.038538	1.025319	0.831932
1.253253	0.856331	0.647653	0.907615	0.907687	0.774414	0.799085	0.706205	0.736884	0.931495
0.80218	0.895444	0.683861	0.90063	1.0733	1.47621	1.040156	0.787847	0.86722	0.742973
0.672209	0.938432	0.831314	0.877689	0.78476	0.72549	0.81373	0.772955	0.805554	0.900442
0.668069	0.687488	0.861819	0.806333	0.628034	0.788091	0.822995	0.854375	0.804428	1.073461
0.899944	0.676268	0.792991	0.751897	0.782558	0.789161	0.749911	0.876365	0.690385	0.723552
0.807828	0.738453	0.918448	0.747979	0.842519	0.940107	0.792489	0.683495	0.640606	0.682792
0.981674	0.866774	0.873348	0.725186	0.76745	0.804427	0.675545	0.516091	0.825152	0.794583
0.857143	0.97077	0.777103	0.716031	0.696203	0.843902	0.762965	0.764669	1.263319	0.87414
0.828793	0.846133	0.925709	0.828058	0.891866	0.952415	0.951443	0.853116	0.843211	0.669174
0.68745	0.852479	0.908482	0.854651	1.002231	0.763168	0.744993	0.827477	0.688659	0.659234
0.624207	0.884298	0.869471	0.815349	0.749784	0.675709	0.558606	0.751532	0.727366	0.754037
0.623463	0.82164	0.582536	0.57758	0.861853	0.695979	0.664842	0.987668	0.891259	0.876835
0.68573	0.808736	0.560511	0.576922	0.765334	0.778576	0.762965	0.916655	0.844442	0.660875
0.729968	0.762715	0.741187	0.828058	0.785865	0.935581	0.934473	0.641354	0.730199	0.822289
0.653482	0.855043	0.786566	0.729837	0.819202	0.635543	0.63651	0.740719	0.869826	0.945515
0.686589	0.684005	0.576597	0.702651	0.880711	0.647749	0.822995	0.78893	0.645257	0.792351
1.057489	0.764799	0.65939	0.762857	0.788084	0.802213	0.928463	0.850608	0.589735	0.673384
0.752397	0.83988	0.772962	0.77931	0.687294	0.969928	0.664842	0.626176	0.781437	0.906188
0.933541	0.738453	0.67227	0.836344	0.626498	0.753191	0.644973	0.814628	0.783575	0.943935
0.827601	0.793963	0.840844	0.686273	0.670006	0.824878	0.946749	0.799917	0.873765	0.653539
0.604545	0.699006	0.859298	0.797501	0.756971	0.868917	0.892673	0.733976	0.715296	0.618611
0.66972	0.737471	0.727057	0.782465	0.819202	0.638562	0.561801	0.645233	0.905212	0.72641

0.848317	0.819265	0.671453	0.614687	0.662445	0.62148	0.60777	0.612955	0.762655	0.695958
0.657485	0.728731	0.629509	0.636759	0.922588	0.748287	0.850786	0.833445	0.587682	0.645531
0.627948	1.057838	0.696634	0.668051	0.776019	0.777532	0.662409	0.57821	0.682672	0.766436
0.656681	0.740424	0.803916	0.677067	0.656654	0.597398	0.627463	0.801031	0.708933	0.561395
0.88611	0.782932	0.687231	0.971195	0.765334	0.515392	0.59512	0.810048	0.788966	0.662522
0.77184	0.838639	0.693191	0.839944	0.790314	0.859997	0.959382	0.687771	0.969266	0.900442
0.772888	0.920125	0.671453	0.824555	0.864498	0.766206	0.934473	0.801031	0.747601	0.760192
0.774991	0.790624	0.865628	0.652123	0.547506	0.72549	0.802421	0.806644	0.692117	0.749981
0.960159	0.634854	0.830137	0.708844	0.654196	0.841478	0.949873	0.892586	0.69125	0.716955
0.798826	0.666162	0.725207	0.720585	0.928695	0.920823	0.832461	1.118753	0.915253	0.636112
1.06771	0.677976	0.697499	0.914714	0.762179	0.669158	0.756892	0.651512	0.734964	0.693293
0.831186	0.744392	0.694049	0.668863	0.699819	0.75616	0.842138	0.656282	0.790053	0.67849
0.708641	0.902559	0.781283	0.611115	0.606276	0.772347	0.754886	0.638276	0.713468	0.714158
0.563797	0.701708	0.812858	0.708844	0.705299	0.63932	0.688231	0.849359	0.646037	0.69864
0.684017	0.708996	1.178867	0.603358	0.744722	0.544284	0.639568	0.718022	0.711648	0.756079
0.637829	0.700805	0.768861	0.608985	0.617394	0.539434	0.536267	0.699973	0.761635	0.773837
0.88611	0.960813	0.613518	0.564604	0.684656	0.638562	0.61279	0.682645	0.748589	0.674231
0.639369	0.718282	0.620714	0.618289	0.492358	0.750242	0.884506	0.681796	0.628442	0.777047
0.555451	0.773238	0.671453	0.739291	0.647707	0.558538	0.592359	0.595235	0.616609	0.633789
0.605971	0.691882	0.584535	0.572994	0.579323	0.55728	0.624488	0.619515	0.676766	0.706786
0.845828	0.6249	0.564955	0.682064	0.742713	0.761154	0.692543	0.650722	0.796629	0.688886
0.616821	0.681411	0.716074	0.741207	0.890456	0.963477	0.659186	0.600124	0.793328	0.889172
0.783508	0.824028	0.778144	0.696545	0.681164	0.755168	0.7382	0.711619	0.803305	0.722603
0.673876	0.734538	0.695771	0.736433	0.582083	0.724566	0.825342	0.816936	0.851903	0.623863
0.520638	0.505239	0.65939	0.726112	0.5933	0.77649	0.837273	0.791105	0.774036	0.737055
0.553547	0.544927	0.631736	0.688819	0.852723	0.785958	0.563086	0.658686	0.869826	0.710456
0.690911	0.830057	0.780234	0.584886	0.814449	0.76216	0.642648	0.640582	0.88041	0.781365
0.798826	0.841123	0.840844	0.633002	0.662445	0.636295	0.754886	0.845635	0.675093	0.828291
0.645585	0.710837	0.860557	0.61397	0.727939	0.657925	0.622271	0.702633	0.587	0.697744
0.672209	0.691882	0.600167	0.68967	0.75285	0.549189	0.549781	0.716183	0.647601	0.693293
0.833592	0.855043	0.485834	0.687969	0.832548	0.570677	0.640336	0.8844	1.068532	0.79124
0.711364	0.730658	0.556738	0.569748	0.660782	0.808889	0.863447	0.751532	0.881752	1.044679
0.782434	0.949478	0.6772	0.676239	0.855312	0.788091	1.078464	0.869781	0.924048	0.761227
0.77184	0.792847	0.673907	0.811946	0.726972	0.646976	0.744993	0.704415	0.669289	0.721657
0.945864	0.763756	0.64076	0.716031	0.620408	0.723643	0.751894	0.642127	0.647601	0.831932
0.848317	0.809893	0.657807	0.658424	0.655014	0.765191	0.672223	0.677578	0.738813	0.632247
0.772888	0.670345	0.695771	0.75585	0.680296	0.774414	0.56116	0.613679	0.712557	0.617865
0.764575	0.738453	0.703603	0.809692	0.639731	0.804427	0.718437	0.524271	0.711648	0.781365
0.655879	0.691882	0.699234	0.624114	0.636581	0.888672	0.945195	0.78893	0.746616	0.677635
0.666423	0.72777	0.805024	0.667241	0.730854	0.757154	0.744016	0.811188	0.760618	0.692408
0.609558	0.639526	0.84326	0.774101	0.852723	0.613542	0.640336	0.833445	0.797734	0.695068
0.732829	0.710837	1.013003	0.784581	0.668314	0.671603	0.650445	0.718944	1.021595	0.82588
0.74055	0.882924	0.733594	0.657632	0.754906	0.784896	0.662409	0.639812	0.865923	0.804767
0.68231	0.819265	0.65939	0.618289	0.816819	0.938593	0.883159	0.806644	0.704444	0.652732
0.57496	0.719221	0.769883	0.696545	0.742713	0.665113	0.880479	0.806644	0.620272	0.616379
0.696154	0.766893	0.881207	0.685428	0.812092	0.673241	0.692543	0.726395	0.629944	0.594671
0.824046	0.799586	0.645343	0.658424	0.734771	0.650076	0.760931	0.982555	0.806683	0.781365

0.642466	0.732593	0.588558	0.634501	0.822801	0.728275	0.667288	0.67257	0.689521	0.688011
0.498331	0.567544	0.615665	0.607572	0.681164	0.790234	0.799085	0.557986	0.629192	0.844295
0.705935	0.755497	0.727057	0.696545	0.603359	0.68404	0.855807	0.634458	0.643701	0.691525
0.866152	0.764799	0.633975	0.736433	0.735756	0.713624	0.949873	0.873719	0.804428	0.702242
0.897142	0.64031	0.660979	0.902018	0.912104	0.663505	0.809171	1.017837	0.921096	0.734126
0.74055	0.684005	0.614948	0.62265	0.673409	0.802213	0.635749	0.606492	0.688659	0.811691
0.866152	0.686615	0.668204	0.575609	0.594723	0.694253	0.60777	0.570926	0.664375	0.720712
0.854603	0.554476	0.660979	0.672126	0.573856	0.627346	0.660795	0.649934	0.806683	0.822289
0.68061	0.687488	0.753817	0.79641	0.686413	0.646204	0.772238	0.715266	0.734007	0.653539
0.670548	0.789517	0.89874	0.75585	0.965579	0.738642	0.526696	0.61513	0.821629	0.752004
0.610279	0.831272	0.889211	0.65369	0.83626	0.824878	0.669749	0.712528	0.796629	0.92844
0.770795	0.672029	0.766825	0.62265	0.647707	1.010781	0.931458	0.99458	0.810086	0.821099
0.650306	0.586526	0.863085	0.752882	0.650129	0.774414	0.749911	0.756538	0.797734	0.757104
0.684873	0.628701	0.565594	0.72334	0.765334	0.622209	0.668927	0.752529	0.885801	0.620105
0.864853	0.739437	0.505416	0.731711	0.809747	0.721804	0.791399	0.760584	0.701773	0.623109
0.754403	0.730658	0.62509	0.617566	0.928695	0.900971	0.962599	0.922518	0.624709	0.845551
0.66972	1.047701	0.746001	0.806333	1.071161	0.824878	0.743042	0.61079	0.628442	0.671695
0.708641	1.018636	1.076514	0.907615	0.730854	0.603644	0.659186	0.631428	0.750571	1.004793
0.879355	1.020515	0.812858	0.969568	0.681164	0.658718	0.765009	0.887111	0.792234	0.802483
0.716862	0.800719	0.678855	0.902018	0.782558	0.705595	0.757898	0.638276	0.697357	0.910548
0.8348	0.740424	0.674728	1.005089	0.931781	0.919375	1.113571	0.644454	0.645257	0.808215
0.859698	0.843621	0.687231	0.642075	0.639731	0.741513	0.814878	0.768792	0.624709	0.926921
0.756418	0.749405	0.799513	0.761849	0.685534	0.724566	0.843363	0.867175	0.805554	0.97499
0.6944	0.691	0.818541	0.706179	0.708065	0.813398	0.739164	0.912309	0.843211	0.802483
0.729968	0.589307	0.914149	0.90063	0.84126	0.823716	0.717518	0.772955	0.970913	0.753019
0.776047	0.772174	0.821988	0.734538	0.799351	0.694253	0.629707	0.651512	0.811227	0.817547
0.617554	0.866774	0.816259	0.597113	0.722168	0.794552	0.824167	0.718944	0.735923	0.829501
0.68231	0.786212	0.670639	0.658424	0.79594	0.746341	0.733413	0.709807	0.807814	0.684524
0.706835	0.742404	0.683861	0.625583	0.843781	0.73579	0.691677	0.946793	0.872448	0.682792
0.738607	0.751426	0.886527	1.005089	0.873882	0.691677	0.7382	0.780337	0.860772	0.812856
0.507914	0.720163	0.678855	0.709736	0.733789	0.856229	0.712044	0.87504	0.844442	0.845551
0.690911	0.932243	0.784445	0.767932	0.769576	0.824878	0.696899	0.680104	0.605801	0.602505
0.6944	0.901127	0.957606	0.984437	0.861853	0.661903	0.783847	0.834649	0.620272	0.688886
0.747421	0.82164	0.809483	0.744096	0.743716	0.62148	0.672223	0.726395	0.623225	0.828291
0.701462	0.797328	0.689775	0.735485	0.697104	0.591921	0.613512	0.766725	0.763678	0.77065
0.808967	0.825227	0.646112	0.822235	0.851434	0.883315	0.644197	0.796591	0.804428	0.819912
0.725242	0.667831	0.797328	0.763867	0.618146	1.021625	0.915236	0.60365	0.775086	1.021441
0.735708	0.740424	0.801709	0.858407	0.519057	0.616411	0.805783	0.732068	0.992904	0.843042
0.839667	0.761676	0.668204	0.735485	0.601908	0.557909	0.664029	0.765696	0.806683	0.725456
0.777105	0.573556	0.634723	0.837541	0.777102	0.700323	0.810307	0.65389	0.57226	0.802483
0.720567	0.629466	0.704482	0.760844	0.925631	0.862527	0.660795	0.605069	0.851903	0.985277
0.817021	0.671186	0.948251	0.752882	0.924107	0.859997	0.794676	0.858176	0.698237	0.704054
0.932025	0.711761	0.733594	0.677896	0.728909	0.922277	0.803539	0.834649	0.725487	0.597504
0.596783	0.649024	0.878572	0.642075	0.626498	0.77029	0.664029	0.600827	0.636004	0.586283
0.556725	0.746391	0.981914	0.801895	0.657477	0.742475	0.609198	0.762622	0.770903	0.7351
0.792195	0.984411	0.881207	0.777219	1.034348	0.780673	0.654396	0.846873	0.902385	0.871462
0.703246	0.750414	0.81173	0.667241	0.865826	0.796727	0.741099	0.912309	0.643701	0.793466

0.627198	0.731625	0.783389	0.738336	0.779276	1.000202	0.791399	0.984253	0.673427	0.629944
0.755409	0.811054	0.70713	0.736433	0.780367	0.655555	0.728677	0.982555	0.776138	0.724503
1.057489	0.832492	0.584535	0.867299	0.771713	0.633292	0.822995	0.985957	1.06238	0.894771
0.842121	0.843621	0.650752	0.736433	0.759047	0.779623	0.754886	0.734933	0.774036	1.058832
0.649515	0.902559	0.875952	0.701773	0.891866	0.988177	0.912351	0.66435	0.708933	0.793466
0.707737	0.87883	0.757778	0.769978	0.809747	0.798913	0.842138	0.779274	0.717131	0.867475
0.897142	0.649024	0.595349	0.935231	0.797074	0.722723	0.922535	0.887111	0.777193	0.781365
0.697916	0.691882	0.703603	0.873764	0.837505	0.780673	0.82066	0.751532	0.844442	0.833153
0.949	0.796203	0.632481	0.781411	1.050325	1.007226	1.004955	0.702633	0.772989	0.843042
1.122768	1.024296	0.84326	0.800792	0.788084	0.794552	0.922535	0.6852	0.754562	0.92844
0.857143	0.764799	1.089129	0.913285	0.696203	0.926666	1.026853	0.725456	0.719898	0.863525
0.741525	0.720163	0.945177	0.815349	0.733789	0.763168	0.756892	0.80891	0.925531	0.688011
0.908461	0.740424	0.921338	0.839944	0.928695	0.868917	0.669749	0.845635	0.87774	0.623863
1.057489	0.819265	0.664978	0.765895	0.705299	0.803319	0.735321	0.606492	0.810086	0.717891
0.637061	0.691	0.698366	0.548294	0.688177	0.989874	0.809171	0.740719	1.008809	0.844295
0.598184	0.797328	0.741187	0.597113	0.75285	0.965081	0.935989	0.787847	0.695604	0.573325
0.586416	0.799586	0.897366	0.775138	0.868495	0.86635	0.839699	0.854375	0.632964	0.655971
0.738607	0.853759	1.197628	1.034247	0.900424	0.86635	0.663218	0.766725	0.810086	0.835604
1.093269	0.903996	0.84205	0.836344	0.949156	1.009	0.750902	1.132892	1.008809	0.896181
0.754403	0.812217	0.625823	0.676239	0.869835	0.998464	0.877815	0.729222	0.760618	0.747967
0.709547	0.730658	0.702726	0.682064	0.641314	0.614257	0.873849	0.791105	0.749579	0.889172
0.670548	1.074566	0.96236	0.838741	0.782558	0.628084	0.848298	0.730169	0.859494	0.894771
0.794394	0.857623	0.800609	0.727041	0.993219	0.808889	0.775373	0.929959	0.825152	0.85702
1.097679	0.763756	0.705363	0.734538	0.864498	0.906551	0.935989	1.223076	0.853159	0.744964
0.784584	0.682274	0.737374	0.766912	0.733789	0.696844	1.010326	0.708904	0.623225	0.740991
0.68231	0.881555	0.866905	0.913285	0.730854	0.579182	0.744993	0.719868	0.712557	0.797951
0.706835	0.929182	0.901501	0.777219	0.747752	0.541246	0.678052	0.770868	0.898179	0.800211
0.884751	0.741413	0.619989	0.758839	0.83626	0.594651	0.847059	0.681796	0.671767	0.740004
0.807828	0.671186	0.643046	0.682064	0.857917	0.8715	0.866025	0.669263	0.764703	0.916431
0.832387	0.749405	0.863085	0.945865	0.74674	0.963477	0.748923	0.704415	0.860772	0.90909
0.837227	0.903996	0.907077	0.910441	0.734771	0.744403	0.648874	0.624687	0.883097	0.697744
0.803304	0.717344	0.702726	0.750914	0.615895	0.794552	0.848298	0.823935	0.919628	0.712303
0.659904	0.536818	0.690627	0.92193	0.863174	0.795638	0.840917	0.749546	0.784648	0.681928
0.636294	0.564899	0.719704	0.671308	0.734771	0.870206	0.678052	0.682645	0.799954	0.728326
0.821691	0.765845	0.667395	0.619738	0.624204	0.752206	0.646529	0.714351	0.685227	0.560089
0.754403	0.708996	0.731716	0.716031	0.6461	0.981452	0.797979	0.793291	0.612254	0.560089
0.630209	0.725856	0.716979	0.716031	0.720261	0.81567	0.709332	0.721723	0.666825	0.590457
0.638598	0.654662	0.65153	0.672126	0.867158	0.73769	0.61135	0.698209	0.843211	0.709536
0.904182	0.892631	0.740231	0.696545	0.802789	0.767223	0.648091	0.587662	0.639067	0.844295
0.68745	0.724902	0.779188	0.753869	0.910627	1.101788	0.989226	0.807776	0.629944	0.772772
0.642466	0.778597	0.887867	0.789918	0.678564	0.758151	0.898205	0.913753	0.717131	0.784632
0.781363	0.704427	0.571384	0.838741	0.717416	0.564246	0.681419	0.778215	0.754562	0.769592
0.86876	0.757547	0.57791	0.691379	0.648513	0.581833	0.594428	0.701744	0.680131	0.701338
0.692652	0.707162	0.638487	0.655262	0.761132	0.780673	0.752889	0.717101	0.643701	0.839307
0.722431	0.896858	0.628031	0.713322	0.880711	0.850022	0.742069	0.816936	0.579568	0.917914
0.684017	0.762715	0.717885	0.729837	0.645299	0.629566	0.788146	0.940596	0.83469	1.088601
0.927508	0.649825	0.70713	0.732652	0.669159	0.780673	0.895431	0.791105	0.752562	0.889172

0.705037	0.711761	0.605038	0.716938	0.843781	1.016169	0.969104	0.63294	0.887159	0.933031
0.721498	0.837403	0.685543	0.855899	0.955651	0.791309	0.732461	0.588345	0.761635	0.85961
0.693525	0.82643	0.87726	0.762857	0.704381	0.631052	0.747938	0.710712	0.862054	1.030973
0.624207	0.630231	0.779188	0.739291	0.607009	0.633292	0.705744	0.706205	0.84076	0.82468
0.806693	0.571543	0.657017	0.709736	0.626498	0.81567	0.685664	0.696452	0.916706	0.650318
0.887474	0.693652	0.697499	0.815349	0.760088	0.810012	0.706638	0.644454	0.680131	0.661698
0.875352	0.855043	0.719704	0.936734	0.813269	0.726416	0.759918	0.60365	0.667645	0.740004
0.776047	0.761676	0.973659	0.655262	0.678564	0.675709	0.915236	0.781402	0.956315	0.880908
0.825227	0.695429	0.812858	0.80857	0.986142	0.888672	0.852036	1.14258	0.91236	0.7351
0.70414	0.63408	0.666588	0.776177	0.877966	0.876711	0.793581	0.777158	0.742697	0.843042
0.849567	0.681411	0.79624	0.762857	0.648513	0.669158	0.613512	0.700858	0.729253	0.789026
0.697916	0.801855	0.766825	0.65369	0.631898	0.797819	0.721206	0.802148	0.781437	0.579415
0.717785	0.887058	0.836053	0.650562	0.637366	0.689117	0.724925	0.677578	0.621009	0.516116
0.656681	0.739437	0.96236	0.786708	0.947547	0.758151	0.565667	0.649934	0.636768	0.712303
0.908461	0.857623	1.013003	1.075753	0.78476	0.697711	0.600697	0.67926	0.805554	0.925406
0.859698	0.872091	0.644576	0.637515	0.831318	0.805538	0.715685	0.589029	0.862054	0.671695
0.742502	0.9543	0.669014	0.644373	0.717416	0.739597	0.70396	0.61079	0.57292	0.598927
0.655879	0.772174	0.813989	0.736433	0.739718	0.648523	0.987513	0.799917	0.685227	0.71883
0.68061	0.933782	0.980251	0.801895	0.813269	0.702073	0.712951	0.780337	0.744652	0.793466
0.614629	0.846133	0.70713	0.66161	0.867158	0.8191	0.743042	1.040469	0.892634	0.867475
0.645585	0.880191	0.617101	0.693954	0.847591	0.723643	0.685664	0.805516	0.618071	0.699538
0.611001	0.684005	0.708016	0.800792	0.74674	0.616411	0.915236	0.750538	0.680131	0.727367
0.726183	1.011204	0.716074	0.82108	0.74674	0.748287	0.701299	0.650722	0.66113	0.800211
0.973272	0.939993	0.716074	0.799693	0.830091	0.618576	0.819497	0.873719	0.770903	0.896181
0.950577	0.686615	0.678855	0.877689	0.987901	0.677363	0.717518	0.821589	0.750571	0.85573
0.915688	0.731625	0.785504	0.90063	0.769576	0.895462	0.733413	0.53623	0.748589	0.971614
0.894357	1.055792	0.92279	0.926319	0.684656	0.651634	0.666471	0.618781	0.683522	0.814024
0.766638	0.797328	0.687231	0.806333	0.845047	0.645434	0.900998	0.729222	0.831089	0.737055
0.849567	0.645041	0.62144	0.818778	0.898986	0.712724	0.876489	0.810048	0.733052	0.593262
0.719638	0.742404	0.686386	0.826887	0.729881	0.798913	0.691677	0.648361	0.642151	0.82468
0.729968	0.977537	0.831314	0.888334	0.658301	0.774414	0.771198	0.742665	0.707132	0.823483
0.917148	0.787311	0.73078	0.684585	0.697104	0.669158	0.789228	0.752529	0.919628	0.720712
0.760477	0.621883	0.656229	0.714223	0.615148	0.674885	0.858339	0.756538	0.844442	0.797951
0.721498	0.788413	0.864355	0.799693	0.805096	0.808889	0.674712	0.596626	0.727366	0.885021
0.829987	0.787311	1.134044	0.680392	0.879336	0.874098	0.562443	0.591776	0.772989	0.889172
1.097679	0.75244	0.918448	0.83159	0.684656	0.780673	0.721206	0.680949	0.673427	0.705873
0.710455	0.612218	0.70185	0.862195	0.698912	1.036517	0.909485	0.782469	0.771945	0.733154
0.6944	0.615169	0.739276	1.055493	0.776019	0.925198	0.915236	0.725456	0.915253	0.850611
0.831186	0.757547	0.694049	0.75585	0.896124	0.965081	0.664029	0.676739	1.023453	0.994039
1.24075	1.103204	0.813989	0.68712	0.814449	0.710931	0.778531	0.782469	0.705338	0.643157
0.845828	0.618886	0.76581	0.761849	0.772785	0.971555	0.906637	0.919576	0.921096	0.611216
0.621978	0.692766	0.990329	0.920477	0.833782	0.879341	0.689951	0.712528	0.796629	0.636112
0.804431	0.799586	0.89056	1.208082	1.463334	0.867631	0.680575	0.706205	1.128215	0.769592
0.915688	0.986147	0.781283	0.863466	1.040271	0.883315	0.833659	0.807776	0.849402	0.854445
0.824046	0.706249	0.832494	0.656841	0.766391	0.779623	0.969104	1.023386	0.704444	0.87414
0.579641	0.607829	0.897366	0.714223	0.755937	0.909368	0.791399	0.762622	0.640606	0.72641
0.696154	0.744392	0.700104	0.676239	0.83626	0.679022	0.668927	0.850608	0.820461	0.762264

0.791099	0.827635	0.587213	0.717847	0.88486	0.669158	0.730565	0.783539	0.603672	0.801345
0.739578	0.648225	0.680518	0.552004	0.812092	0.979786	0.925489	0.974165	0.767792	0.969936
0.651891	0.894035	0.784445	0.621192	0.933332	0.867631	0.732461	0.895349	0.854419	0.831932
0.673876	0.927659	0.931607	0.763867	0.726972	0.687418	0.723061	0.945235	0.673427	0.629179
0.912783	1.002088	0.757778	0.880326	0.921075	0.837867	0.825342	0.89813	0.887159	0.786824
0.793293	0.865455	0.636225	0.727971	0.846317	0.894095	1.040156	0.87504	0.999901	1.122938
0.65829	0.870756	0.699234	0.645142	1.032392	0.753191	0.766034	0.697329	0.710741	0.904744
0.756418	0.882924	0.714271	0.771005	0.928695	0.627346	0.797979	0.705309	0.77825	0.997594
0.8348	0.785116	0.70185	0.879006	0.78476	0.824878	0.858339	0.765696	0.745633	0.729288
0.986794	0.901127	0.882531	0.860929	0.80164	0.727345	0.863447	0.581562	0.770903	0.961642
0.762521	0.701708	0.664978	0.909025	0.949156	0.938593	0.755888	0.636744	0.757579	0.882275
0.849567	0.851202	0.807248	0.789918	0.928695	0.732957	0.661601	0.649934	0.582256	0.912011
0.759459	0.626417	0.816259	0.913285	0.553297	0.674885	0.929958	0.67926	0.668466	0.863525
0.820519	0.586526	0.773994	0.846012	0.661613	0.681524	0.796875	0.776103	0.945291	0.754037
0.757429	0.58722	0.759772	0.819927	0.810918	0.998464	0.762965	0.759569	0.839539	0.722603
0.863559	0.594217	0.740231	0.903411	0.890456	0.833099	0.833659	0.802148	0.698237	0.694179
0.950577	0.917148	0.855544	0.720585	0.88486	0.81567	1.057881	1.058253	0.869826	0.867475
0.764575	0.699006	0.89874	0.815349	0.818009	0.8715	0.730565	0.85186	0.903796	0.667502
0.8348	0.662845	0.813989	0.828058	0.87118	0.934082	0.744016	0.751532	0.825152	0.740004
0.985081	0.820451	0.770907	0.876377	0.707141	0.794552	0.838484	0.683495	0.821629	0.980103
0.74055	0.746391	0.761775	0.682903	0.640522	0.99329	0.954602	0.798805	0.92257	0.866154
0.647939	0.772174	0.813989	0.649007	0.638153	0.747313	0.666471	0.783539	1.329576	0.72641
0.848317	0.702612	0.830137	0.848463	0.70255	0.77649	0.650445	0.821589	0.892634	0.741981
0.859698	0.680549	0.965558	1.069575	1.140433	0.910784	0.799085	0.650722	0.750571	0.754037
0.840892	0.717344	0.739276	0.691379	0.769576	0.83667	0.892673	0.629921	0.774036	0.785726
0.705037	0.743397	0.746971	0.54891	0.604087	0.686571	0.733413	0.778215	0.728308	0.677635
0.729019	0.682274	0.886527	0.690524	0.782558	0.81567	0.723061	0.835856	0.673427	0.647121
0.778165	0.739437	1.089129	1.028628	1.079783	0.902359	0.655191	0.761602	0.76676	0.679347
0.817021	0.824028	0.725207	0.672126	0.730854	0.739597	0.635749	0.723586	0.881752	0.903305
0.736672	0.887058	0.741187	0.593682	0.64932	0.847563	0.726797	0.737816	0.710741	0.660875
0.751397	0.807581	0.79624	0.823393	0.85015	0.840271	0.864734	0.965934	0.729253	0.740004
0.640914	0.795082	1.178867	1.063484	1.066913	1.02715	0.82066	0.813478	0.706234	0.734126
0.842121	0.790624	0.931607	0.727041	0.769576	0.912204	0.765009	0.984253	0.821629	0.848073
0.733786	0.911253	0.720617	0.5789	0.647707	0.913629	1.026853	0.992842	1.203021	0.822289
0.666423	0.887058	0.685543	0.699151	0.769576	0.772347	0.842138	1.029006	0.781437	0.670853
0.520051	0.701708	0.878572	0.926319	0.875239	0.744403	0.692543	0.872403	0.829895	0.890565
0.683163	0.681411	0.92279	0.923388	0.729881	0.702073	0.511008	0.848114	0.957913	1.065041
0.772888	0.82164	0.734536	0.650562	0.704381	0.795638	0.617869	0.837066	0.925531	0.836835
0.796605	0.865455	0.673087	0.765895	0.792556	0.684882	0.741099	0.682645	0.761635	0.79124
0.670548	0.784023	0.702726	0.897868	1.030444	0.644665	0.814878	0.742665	0.632207	0.763303
0.764575	0.97414	0.945177	0.742168	0.798211	0.669971	0.74013	0.797697	0.776138	0.819912
0.859698	0.851202	0.758774	0.816489	0.909154	0.775451	0.808039	1.023386	0.86722	0.695068
0.863559	0.984411	0.613518	0.688819	0.783658	0.856229	0.816028	0.881705	0.697357	0.651926
0.663967	0.870756	0.682186	0.713322	0.931781	0.766206	1.040156	0.745601	0.687798	0.748973
0.544773	1.057838	0.963956	1.024923	0.965579	0.749263	0.844592	0.786766	0.675093	0.716021
0.715941	0.881555	0.773994	0.709736	0.890456	0.677363	0.840917	1.052244	1.019745	0.976687
0.80218	0.637184	0.551138	0.828058	0.907687	0.701197	0.730565	0.887111	1.091867	1.027135

0.78783	0.765845	0.745034	0.871166	0.698007	0.742475	0.80691	0.60578	0.684374	1.090808
0.794394	0.887058	0.905676	0.888334	0.704381	0.702073	0.84954	0.676739	0.77931	0.8688
0.751397	0.979245	0.846909	0.775138	0.868495	0.717241	0.85961	0.823935	0.946848	0.828291
0.839667	0.584452	0.600167	0.795321	0.760088	0.650855	0.892673	0.87504	0.742697	0.716955
0.8124	0.604205	0.617822	0.660014	0.70255	0.778576	0.732461	0.56896	0.596647	0.885021
0.872703	0.666996	0.763788	0.736433	0.729881	0.910784	0.731512	0.69909	0.743674	0.752004
0.927508	0.753457	0.781283	0.743131	0.71931	0.656344	0.615685	0.682645	0.851903	0.614159
0.768712	0.668667	0.744069	0.871166	0.727939	0.785958	0.896816	0.758556	0.704444	0.677635
0.872703	0.699905	0.764798	0.806333	0.900424	0.852494	0.847059	0.653096	0.734007	0.876835
0.821691	0.677976	0.792991	0.680392	0.845047	0.874098	0.684811	0.620986	0.755565	0.987015
0.813551	0.733565	0.819687	0.731711	0.690836	0.759149	0.758907	1.010548	1.100673	0.757104
0.742502	0.781844	0.737374	0.844792	0.660782	0.795638	1.036313	0.879027	0.879073	0.688011
0.715941	0.689241	0.764798	0.889683	0.805096	0.76015	0.858339	0.639812	0.841984	0.725456
0.766638	0.674568	0.789767	0.706179	0.776019	0.745371	0.662409	0.732068	0.881752	0.775974
0.844589	1.024296	0.878572	0.646684	0.673409	0.726416	0.619332	0.782469	0.770903	0.760192
0.852077	0.761676	0.766825	0.645142	0.586955	0.867631	0.816028	0.80439	0.729253	0.613421
0.697035	0.597758	0.761775	0.668051	0.674264	0.739597	0.943647	0.807776	0.808949	0.67593
0.728071	0.684005	0.782335	0.788845	0.781461	0.768243	0.543586	0.639812	1.04443	0.919402
0.822867	0.819265	0.830137	0.60546	0.78476	0.723643	0.72962	0.674233	0.803305	1.021441
0.840892	0.818083	0.736426	0.686273	0.718362	0.729207	0.818338	0.954666	0.781437	0.63071
0.578298	0.651431	0.802811	0.798596	1.015169	0.872797	0.811445	0.833445	0.853159	0.547246
0.770795	0.83988	0.925709	0.799693	1.005888	0.863797	0.696024	0.793291	1.058327	0.710456
1.015171	0.927659	0.791914	0.843575	0.863174	0.656344	0.696024	0.785688	0.865923	0.864837
0.874025	0.853759	0.710685	0.649007	0.792556	0.765191	0.733413	0.910871	0.620272	0.816369
0.670548	0.786212	0.8543	0.71967	1.017049	0.750242	0.778531	0.918113	0.717131	0.593262
0.706835	0.741413	0.800609	0.724262	0.83626	0.740554	0.664842	0.823935	0.706234	0.588365
0.780295	0.933782	0.708016	0.817632	0.860537	0.632544	0.698653	0.919576	0.930012	0.747967
0.734746	0.804137	0.646112	0.737384	0.85015	0.883315	0.837273	0.818094	0.75859	0.950291
0.583693	0.762715	0.754804	0.756845	1.050325	1.088779	0.905221	0.858176	0.679287	0.705873
0.778165	1.081009	0.870759	0.775138	0.812092	0.670786	0.658384	0.932972	0.756571	0.777047
0.926013	0.825227	0.619265	0.793152	0.707141	0.614257	0.684811	0.87504	0.753561	0.827084
0.734746	0.729693	0.622896	0.666432	0.721213	0.885985	0.793581	0.666799	0.710741	0.980103
0.734746	0.708996	0.649975	0.683743	0.901867	0.80111	0.845824	0.622463	0.623225	0.67593
0.730919	1.141257	0.732654	0.618289	0.634233	0.660308	0.81373	0.88305	0.740751	0.787924
0.811253	0.888444	0.819687	0.892394	0.727939	0.612827	0.832461	0.906582	0.714381	0.887784
0.842121	0.738453	0.697499	0.787776	0.868495	0.749263	0.672223	0.607205	0.60509	0.790132
0.686589	0.707162	0.73078	0.667241	0.868495	0.764178	0.828887	0.539883	0.737848	0.77065
0.736672	0.657101	0.6492	0.615405	0.71085	0.755168	0.81373	0.614404	0.674259	0.817547
0.728071	0.75244	0.710685	0.659219	0.614402	0.738642	1.003179	0.829854	0.777193	1.058832
0.947429	0.695429	0.687231	0.813077	0.675979	0.719973	0.857071	0.863295	0.826333	0.810529
0.99722	0.775374	0.67555	0.82108	1.111385	0.828382	0.830075	0.61513	0.760618	0.750991
0.857143	0.813384	0.688077	0.782465	0.931781	0.702073	0.799085	0.646794	0.606513	0.702242
0.730919	0.703518	0.656229	0.72334	0.648513	0.5617	0.848298	0.666799	0.582256	0.84681
0.758443	0.550631	0.671453	0.790993	0.547506	0.678192	1.00141	0.772955	0.692986	0.811691
0.640914	0.704427	0.794071	0.776177	0.802789	0.968306	0.762965	0.635981	0.837108	0.71323
0.772888	0.704427	0.636977	0.947405	0.989666	0.910784	0.72586	0.670088	0.83469	0.732184
0.985081	0.927659	0.788697	0.800792	0.6777	0.710931	0.678891	0.620986	0.753561	0.662522

0.898541	0.917148	0.90428	0.655262	0.645299	0.733899	0.948308	0.80891	0.677605	0.720712
0.815861	0.665331	0.626558	0.623382	0.765334	0.675709	0.752889	0.902336	0.913804	0.638448
0.801059	0.591404	0.67555	0.704411	0.756971	0.879341	0.735321	0.738782	0.83469	0.676782
0.847071	0.811054	0.795154	0.877689	0.712716	0.704712	0.70396	0.730169	0.734964	0.71323
0.673042	0.767944	0.786566	0.610404	0.570473	0.726416	0.712044	0.661104	0.933025	0.882275
0.710455	0.755497	0.832494	0.627795	0.701638	0.86126	1.028728	0.888474	0.856949	0.769592
0.793293	0.643458	0.866905	0.884312	0.747752	1.133749	0.880479	1.00516	0.956315	0.699538
0.892972	0.649825	0.756784	0.693094	0.75285	1.02715	0.800194	0.783539	0.807814	0.705873
0.616089	0.658735	0.581209	0.667241	0.919567	0.983123	0.797979	0.760584	1.107396	0.871462
0.569014	0.830057	0.683023	0.638272	0.809747	1.029007	0.987513	0.759569	0.736884	0.495413
0.838445	0.807581	0.928648	0.775138	0.794809	0.610691	0.633473	0.908007	0.673427	0.55749
0.864853	0.827635	1.036926	1.101382	0.931781	0.740554	0.511008	0.799917	0.876411	0.753019
0.724303	0.83617	0.738324	0.606867	0.744722	0.778576	0.682264	1.023386	1.100673	1.097496
0.644022	0.967426	0.788697	0.64284	0.790314	0.8715	0.644973	0.793291	0.671767	0.786824
0.68061	0.796203	0.778144	0.792071	0.755937	0.740554	0.737239	0.915202	0.565723	0.633789
0.696154	0.618886	0.716074	1.023082	0.842519	0.664308	0.884506	0.840718	0.703552	0.749981
0.860981	0.759607	0.689775	0.70353	0.799351	0.763168	0.655191	0.80891	1.023453	0.876835
0.859698	0.899699	0.580547	0.628535	0.793681	1.01257	0.80691	0.798805	0.734007	0.562704
0.647153	0.775374	0.778144	0.798596	0.802789	0.658718	1.089133	0.934486	0.587682	0.618611
0.780295	0.987889	0.930125	0.897868	0.843781	0.569383	0.83486	0.932972	0.75859	0.782451
0.804431	0.933782	0.758774	0.747005	0.80164	0.740554	0.792489	1.152489	0.787883	0.709536
0.80556	0.87343	0.612094	0.655262	1.026574	0.798913	0.946749	0.948356	0.959516	0.785726
0.732829	0.771113	0.67555	0.65369	0.783658	0.878024	1.111291	0.709807	0.664375	0.671695
0.618288	0.653044	0.732654	0.92193	0.790314	0.679022	0.848298	0.713439	0.642925	0.697744
0.70414	0.771113	0.696634	0.76488	0.89328	0.717241	0.875167	0.893965	1.032863	0.910548
0.860981	0.629466	0.634723	0.939756	1.099833	0.826043	0.867319	0.915202	0.86334	0.804767
0.739578	0.668667	0.648426	0.780359	0.732808	0.64008	0.722133	0.733021	0.686083	0.836835
0.643243	0.58722	0.628031	0.72334	0.706219	0.647749	0.879145	0.710712	0.707132	0.917914
0.743482	0.87883	0.6772	0.629277	0.707141	0.69858	0.83486	0.738782	0.534432	0.835604
0.751397	0.566882	0.603641	0.700023	0.80164	0.693393	0.781713	0.792197	0.709836	0.8688
0.894357	0.645041	0.698366	0.815349	0.816819	0.787023	0.671397	0.663536	0.710741	0.82588
0.794394	0.778597	0.761775	0.780359	0.637366	0.874098	0.722133	0.541722	0.749579	1.038752
1.006103	1.011204	0.833677	0.891037	0.681164	0.773379	0.779589	0.69209	0.719898	0.805913
0.751397	0.838639	0.657017	0.650562	0.582775	0.669971	0.935989	0.865878	0.798843	0.544722
0.734746	0.667831	0.586542	0.788845	0.684656	0.657134	0.868617	0.796591	0.69648	0.649517
0.608838	0.80643	0.806134	0.751897	0.758008	0.693393	0.656785	0.682645	0.839539	1.013963
0.707737	0.920125	0.918448	0.681227	0.609213	0.702073	0.656785	0.738782	0.784648	0.755057
0.730919	0.653852	0.749891	0.79641	0.652564	0.70383	0.69428	0.900929	1.155096	0.617122
0.5102	0.56227	0.789767	0.846012	0.831318	0.789161	0.902401	0.726395	0.884447	0.758131
0.524766	0.594217	0.6772	0.664818	0.777102	0.705595	0.649659	0.596626	0.825152	0.887784
0.763547	0.686615	0.689775	0.579561	0.763228	0.741513	0.576148	0.605069	0.660322	0.8688
0.795498	0.602046	0.716074	0.656841	0.605545	0.76015	0.625973	0.650722	0.739781	0.743967
0.614629	0.641881	0.990329	0.783522	0.688177	0.86635	0.779589	0.780337	0.722684	0.441605
0.58847	0.74539	0.870759	0.866017	0.822801	0.775451	0.776423	0.61513	0.803305	0.624618
0.722431	0.808736	0.943648	0.694816	0.832548	0.595336	0.663218	0.747569	0.957913	1.008438
0.945864	0.776445	0.694909	0.553247	0.717416	0.738642	0.698653	0.750538	0.699118	0.715088
0.630965	0.619633	0.780234	0.580886	0.678564	0.941627	0.912351	0.777158	0.718051	0.629944

0.585734	0.748398	0.87726	0.684585	0.6777	0.690822	0.678052	0.677578	0.805554	0.684524
0.795498	0.802994	0.788697	0.757841	1.044265	0.642366	0.665656	0.657082	1.012424	0.85961
0.770795	0.905438	0.808364	0.652906	0.869835	0.758151	0.697775	0.639812	0.675093	0.764345
0.546016	0.636406	0.760773	0.683743	0.855312	0.714525	0.707534	0.707103	0.669289	0.72641
0.517713	0.641881	0.806134	0.832774	0.803941	0.684882	0.690813	0.763644	0.774036	0.701338
0.714105	0.707162	0.609965	0.688819	0.685534	0.636295	0.690813	1.155002	0.916706	0.664176
1.151901	0.847395	0.710685	0.68967	0.743716	0.910784	0.795774	0.853116	0.788966	0.848073
0.848317	0.813384	0.709794	0.567812	0.724083	0.996732	0.943647	0.751532	0.651537	0.700437
0.612448	0.95108	0.710685	0.616124	0.711782	0.767223	0.70396	0.708002	0.671767	0.662522
0.666423	0.814554	1.058251	0.924851	0.80858	0.541852	0.733413	0.896738	0.992904	0.841794
0.808967	0.581703	0.641521	0.835151	0.730854	0.589208	0.652812	0.811188	0.895398	0.922394
0.748412	0.699006	0.689775	0.891037	0.765334	0.629566	0.793581	0.854375	0.649171	0.891963
0.838445	0.865455	0.734536	0.95206	1.145469	0.946217	0.767062	0.82276	0.685227	0.738036
0.88611	0.880191	0.6772	0.722419	0.773861	0.730142	0.745973	0.87109	0.713468	0.926921
0.9634	0.712686	0.781283	0.793152	0.650129	0.900971	0.980729	0.88984	0.832286	0.999383
0.804431	0.710837	0.702726	0.855899	0.722168	0.810012	0.970746	0.686055	0.784648	0.897597
0.666423	0.714544	0.687231	1.05947	0.960586	0.862527	0.892673	0.692958	0.736884	0.858313
0.788917	0.884298	0.821988	0.824555	0.88905	0.859997	0.883159	0.876365	0.671767	0.866154
1.06771	0.804137	1.134044	0.895122	0.751825	0.853736	0.883159	1.135293	1.068532	0.900442
0.844589	0.718282	1.007664	1.412652	1.171564	1.048032	0.940568	0.792197	1.244335	1.823626
1.231604	0.743397	1.102123	1.507988	1.125666	0.934082	0.891301	0.843169	0.853159	1.144924
1.23768	0.98096	0.963956	0.785644	0.751825	0.858737	1.111291	0.943683	1.014243	2.120847
0.872703	0.918634	1.074446	0.793152	0.711782	0.953978	0.970746	1.194553	1.38154	0.969936
0.744463	0.855043	0.911306	0.966332	1.111385	1.065896	0.902401	0.93753	1.17049	0.880908
1.018852	0.737471	1.143612	1.178194	1.148009	0.963477	1.249276	0.868476	1.068532	1.155064
1.154419	1.024296	1.211544	0.933733	0.938019	1.065896	1.835631	0.949925	1.064421	1.48439
0.795498	1.267258	0.972027	0.989508	1.590949	1.556101	1.127482	1.486514	1.208688	0.983545
0.930514	0.726812	1.342597	1.496909	1.479425	1.049981	0.863447	1.189067	1.203021	0.823483
1.041619	0.894035	1.186808	1.386429	0.960586	0.979786	0.895431	0.93753	1.421542	1.208601
1.097679	1.202557	0.976942	0.683743	0.846317	1.1267	1.428439	1.093971	1.648762	3.263198
0.988515	1.331599	1.02572	1.019423	1.386335	1.327587	1.115862	1.744738	1.625811	1.097496
1.691224	1.121814	1.242149	1.480802	1.496135	1.646297	1.213324	1.429872	2.106223	1.151538
1.348611	1.784591	2.652747	1.1527	1.090808	1.670069	1.233932	1.070527	1.775591	1.099105
1.06771	1.314001	0.893269	1.041853	1.128093	1.252998	4.790356	1.046317	1.24125	1.046673
1.279391	1.714097	1.200376	1.390691	1.432837	1.272064	1.262531	3.270763	1.186451	0.810529
1.177765	1.795665	2.738857	1.507988	1.356512	0.909368	1.089133	1.681051	1.377314	0.968265
1.445561	1.309076	1.739238	1.150231	1.854897	1.214202	0.908059	1.819396	1.569948	1.378077
1.377319	2.495983	1.208725	1.231188	2.985231	1.525853	1.219113	1.987874	1.755043	1.206756
0.897142	1.645454	2.417364	1.505409	1.570258	1.217063	1.430606	1.754649	0.951556	1.142425
1.057489	2.556231	1.342597	1.440561	2.218914	0.8715	1.335358	1.843317	1.266565	2.171052
2.186813	1.516015	1.292107	1.117062	1.450388	1.395572	1.017594	2.206079	1.250067	1.233569
1.569144	1.622274	0.973659	1.460215	2.090094	1.568815	1.118165	1.010548	0.86334	0.84681
1.321809	1.637589	1.508184	1.943411	1.360649	1.661999	1.242556	0.872403	0.755565	0.8864
1.682617	2.709658	1.677166	1.349844	1.925143	1.010781	1.366946	1.37297	1.293449	1.249213
1.360625	1.241461	0.869471	0.986121	1.080752	0.935581	1.268433	1.280941	1.265077	1.2823
1.928048	1.07244	1.475823	1.145334	1.519464	1.016169	1.387922	1.109577	1.223187	1.125327
1.416903	1.380484	1.912668	1.399343	0.984391	1.320246	1.505699	0.799917	0.937584	1.3144

1.398694	1.714097	1.331272	1.219481	1.113733	1.15811	1.22498	1.253604	1.220296	1.530561
1.24075	1.007534	1.031287	1.465271	1.171564	1.055881	1.275012	0.921045	1.300438	1.186988
0.953747	0.95108	1.095578	1.64545	1.288086	1.153128	2.544843	1.20011	0.992904	1.278876
1.149397	1.510163	1.138972	1.073684	1.676563	1.993495	1.346936	1.508699	1.244335	1.222275
1.16464	1.471272	1.160882	1.117062	1.132987	1.556101	1.362869	1.368827	1.200215	1.060892
1.020705	0.884298	1.035038	2.303308	1.093046	1.255535	1.758543	1.157529	1.563444	0.947101
0.914233	1.04971	1.282012	1.361449	1.741393	1.148201	0.872535	0.87109	1.125852	1.160224
2.112008	1.361449	1.440885	0.998095	1.805883	1.202945	0.906637	1.001604	1.208688	1.442659
2.312115	1.687069	1.237291	1.12862	1.4581	1.791439	1.204782	0.954666	0.948412	1.027135
0.993717	0.909792	1.291627	1.345963	1.219875	1.555878	1.676078	1.819396	1.407794	0.914953
1.381416	1.035841	1.450584	2.339824	1.635546	1.47621	1.960409	1.465407	3.28412	1.224446
2.13554	1.187936	1.095578	1.316103	1.235857	0.938593	0.949873	1.027124	1.882397	1.365405
1.16464	1.211231	1.11779	1.142907	1.10905	1.155612	1.302369	1.226034	1.003443	0.990513
0.822867	1.096426	1.1412	0.982759	1.563574	1.508667	1.219113	1.068457	0.854419	0.899017
1.276037	1.129004	1.460505	2.238367	1.188008	1.076148	0.80466	1.014177	1.775591	0.744964
1.23768	0.827635	1.316619	1.252313	1.151603	1.063875	0.994406	1.157529	2.153787	1.255632
0.945864	1.064036	0.85306	0.902018	1.404343	1.115199	0.873849	0.987668	0.913804	1.227466
1.053467	1.661625	1.278698	1.075753	2.008984	1.338837	1.339183	1.189067	0.92257	0.950291
1.368822	1.161612	1.65306	1.097004	1.069032	0.995007	0.980729	1.59671	0.986018	0.830715
1.440651	1.087549	1.335014	2.527498	0.954018	1.021625	1.305913	1.304944	1.303975	1.409168
1.250093	1.217119	1.184145	1.077832	1.501851	1.163769	1.433183	0.980864	1.318419	1.887951
1.619289	1.172879	1.178512	1.507988	1.442767	0.950857	0.899599	0.895349	0.945291	1.192545
1.118098	1.161612	1.167245	1.403734	1.013297	1.069968	1.452697	0.967567	0.895398	0.910548
1.520849	0.957544	0.965558	1.073684	1.140433	1.740669	1.294172	1.256778	1.765195	1.099748
2.214915	0.882924	0.855544	1.327061	1.577046	1.514321	1.331567	1.152489	1.204633	2.414356
1.523328	1.380484	1.275409	1.480802	1.352414	1.200175	1.613975	1.325683	0.97924	1.164068
1.093269	1.653464	2.129244	0.948951	1.336399	1.670069	1.464709	1.395196	1.123502	2.414356
1.033897	1.033895	1.004141	1.162718	1.550507	1.678291	1.190909	1.603735	1.538363	1.120562
1.746789	1.078851	1.574609	2.269624	1.324763	2.029231	0.902401	0.984253	1.640976	0.867475
1.481576	1.445481	1.431399	1.055493	0.679429	1.320246	1.748568	0.816936	0.908057	2.054985
0.858418	1.174836	1.399737	0.869873	0.845047	1.813534	1.676078	0.970854	1.232124	1.506862
1.34468	1.214161	1.148477	1.502413	1.018938	1.173411	0.787067	1.123415	1.070603	0.819912
1.509261	0.915666	1.197628	1.378029	2.359321	1.09092	0.669749	0.93753	0.953136	0.551059
1.106635	0.921622	0.924247	0.736433	0.749784	0.806652	0.803539	0.593848	0.700001	0.660875
0.707737	1.579324	0.732654	0.666432	0.856613	1.278628	0.848298	0.59593	0.879073	0.971614
0.636294	0.831272	0.869471	1.00333	1.069032	0.884648	0.992673	0.705309	0.69125	0.660875
0.905603	0.979245	0.908482	0.809692	0.92716	0.507478	0.568264	0.835856	0.621009	0.663348
0.8348	0.881555	0.912725	0.546451	0.560481	0.728275	0.566315	0.646013	0.751565	0.679347
0.764575	0.882924	0.653873	0.664818	0.664951	1.0253	0.784918	0.846873	0.905212	0.722603
0.689177	0.735513	0.698366	0.686273	0.80164	0.681524	0.793581	0.748556	0.519594	0.545982
0.707737	0.724902	0.776064	0.793152	0.785865	0.544284	0.533253	0.683495	0.506377	0.692408
0.593994	0.720163	0.604339	0.530206	0.612913	0.513684	0.554171	0.549778	0.53807	0.537237
0.643243	0.524029	0.429077	0.491257	0.637366	0.50413	0.553541	0.701744	0.797734	0.597504
0.620498	0.569539	0.566874	0.447144	0.5698	0.573929	0.483373	0.559903	0.632207	0.454701
0.513651	0.569539	0.508206	0.491797	0.602633	0.532852	0.56373	0.480009	0.540513	0.496538
0.507344	0.767944	0.627294	0.484295	0.43843	0.521134	0.515597	0.588345	0.595256	0.477265
0.469744	0.448738	0.563681	0.504969	0.52691	0.50136	0.536267	0.61007	0.589049	0.669174

[illegible]

230	231	232	233	234	235	236	237	238	239
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.056754	0	0	0	0	0	0	0	0	0
1.053778	1.269425	1.239475	3.633368	1.265279	0.591274	0.295637	0.147818	0.073909	0.036955
0.923349	1.475466	1.209524	1.410465	1.268619	1.182548	1.373123	0.921571	1.092855	1.153534
1.038052	1.056005	0.855974	0.819786	1.289219	0.735001	0.59212	0.644991	1.057904	1.089377
1.139835	0.744426	0.726494	0.757728	0.869715	0.635089	0.536819	0.598419	0.73931	0.672335
0.683474	0.992617	0.953222	0.826994	1.129269	0.847594	0.840233	0.782882	0.382073	0.161911
0.690355	0.899316	0.946763	0.877003	1.194791	2.160214	1.686338	1.235194	0.535537	0.558444
0.77954	0.713247	0.83441	1.003958	0.736991	0.891734	1.193045	1.21706	0.984682	0.787905
0.744775	0.685866	0.697559	0.799993	0.620896	0.747319	1.068248	1.031908	1.135861	0.962015
0.665915	0.633513	0.608845	0.721107	0.617139	0.589341	0.789248	0.714493	0.859265	0.928725
0.851132	0.749351	0.764813	0.72301	0.769743	0.764305	0.780389	0.669455	0.548982	0.680875
0.811564	0.703332	1.083091	0.823375	0.600985	0.704708	1.003189	0.57892	0.648677	0.689585
0.678384	0.624502	0.687738	0.701619	0.687651	0.640755	0.706945	0.74534	0.881058	0.805928
0.716252	0.649747	0.697559	0.977475	0.794909	0.833401	0.668864	0.555715	0.77282	0.7706
0.740862	0.616403	0.700276	0.682968	0.546205	0.665046	0.638573	0.525783	0.590575	0.493322
0.62229	0.730924	0.85338	0.537974	0.59242	0.909516	0.671415	0.688313	0.566225	0.577052
0.636605	0.643491	0.78532	0.64154	0.696542	0.749406	0.605102	0.543619	0.514016	0.460442
0.541993	0.553998	0.971496	0.903624	0.831315	0.722039	0.609517	0.673669	0.587722	0.488312
0.599901	0.570088	0.670432	0.602999	0.622408	0.756792	0.595687	0.519799	0.596337	0.65331

0.686041	0.912097	0.595793	0.575674	0.692074	0.778614	0.62687	0.711711	0.745399	0.802491
0.676701	0.722461	0.767987	0.818597	0.677218	0.707549	0.806362	0.738403	0.583477	0.605099
0.608431	1.012131	0.821007	0.890811	0.713952	0.562677	0.784796	0.768948	0.675675	0.68608
0.602018	0.828461	0.683347	0.729735	0.799439	0.620075	0.639364	0.732543	0.799768	0.80478
0.751708	0.718752	0.60227	0.709864	0.9536	0.727974	0.738618	0.826379	0.728363	0.773793
0.822003	0.668252	0.607376	0.617708	0.667869	1.070651	0.832749	0.64658	0.552245	0.597203
0.738918	0.704224	0.641712	0.736566	0.53368	0.687135	0.68793	0.566169	0.679171	0.796823
0.719949	0.766529	0.863847	0.860993	0.567695	0.432516	0.623039	0.647376	0.778298	0.933328
0.656992	0.717829	0.613285	0.778888	0.664519	0.622411	0.900893	0.619583	0.645417	0.694007
0.698228	0.692768	0.655425	0.638391	0.851372	0.73703	0.756919	0.661146	0.681812	0.750908
0.62826	0.664162	0.831943	0.655187	0.67636	0.871869	0.505448	0.621832	0.658606	0.749896
0.76695	0.736659	0.696657	0.597966	0.594545	0.716185	0.610999	0.638694	0.667057	0.625109
0.64825	0.4662	0.526603	0.627544	0.512594	0.894648	0.836475	0.884248	0.857938	0.684338
0.597794	0.525273	0.83441	0.795464	0.656254	0.713287	0.683523	0.6107	0.901067	0.710308
0.712587	0.68076	0.640919	0.729735	0.869715	0.671118	0.477281	0.591354	0.875506	0.875644
0.736984	0.835652	0.655425	0.725879	0.748985	0.670246	0.606569	0.641044	0.647044	0.714947
0.642001	0.863089	0.729399	0.744506	0.877819	0.692608	0.903796	0.947833	0.75054	0.60655
0.698228	0.877485	0.703926	0.643124	0.799439	0.83087	0.808695	0.832441	0.770649	0.568313
0.73795	0.654499	0.590821	0.73755	0.712086	0.627912	0.706945	0.98091	0.890947	0.684338
0.743793	0.559722	0.668739	0.785442	0.648949	0.56404	0.618484	0.656236	0.574421	0.681738
0.673353	0.677389	0.680733	0.853204	0.836243	0.802772	0.78369	0.657867	0.653613	0.874296
0.871696	0.790906	0.576922	0.824578	0.762364	0.614671	0.683523	0.716358	0.598518	0.805928
0.754714	0.810987	0.738234	0.679504	0.563708	0.664185	0.777113	0.866724	0.635782	0.683469
0.717174	0.782271	0.880036	0.67436	0.584715	0.7085	0.602911	0.822783	0.950592	0.65412
0.758754	0.659303	0.606643	0.756696	0.660367	0.765389	0.736631	0.568823	0.652787	0.750908
0.732184	0.667431	0.72746	0.915341	0.704702	0.805144	0.692383	0.600561	0.557518	0.668128
0.720878	0.810987	0.899719	0.671811	0.577144	0.64567	0.82176	0.702562	0.586302	0.703896
0.564757	0.705118	0.733304	0.559675	0.64335	0.580743	0.669713	0.630948	0.649496	0.605824
0.558313	0.548972	0.676411	0.619207	0.746963	0.739068	0.527535	0.64658	0.784964	0.526473
0.562814	0.601348	0.681602	0.522081	0.555842	0.625546	0.600732	0.659503	0.733304	0.631989
0.640452	0.681607	0.531504	0.457504	0.463703	0.766476	0.564589	0.579601	0.77391	0.724377
0.675024	0.732827	0.55039	0.552535	0.513772	0.630291	0.614726	0.62485	0.634989	0.723424
0.467453	0.521739	0.572837	0.632933	0.640973	0.531813	0.680029	0.639476	0.475025	0.651694
0.503689	0.588846	0.724568	0.570275	0.532447	0.48215	0.520248	0.548037	0.541248	0.62284
0.690355	0.526458	0.494895	0.583209	0.732089	0.478771	0.512489	0.764749	0.583477	0.635859
0.675861	0.487355	0.534595	0.619958	0.738967	0.689863	0.594257	0.604878	0.550284	0.589449
0.661836	0.631243	0.710388	0.707099	0.575782	0.719102	0.722013	0.501185	0.507466	0.576373
0.693836	0.892376	0.588005	0.699808	0.644145	0.620852	0.769563	0.599132	0.720571	0.612403
0.683474	0.604175	0.441669	0.564943	0.550676	0.484418	0.737623	0.652994	0.651138	0.659012
0.690355	0.567473	0.632287	0.767122	0.671245	0.587176	0.673981	0.744342	0.580671	0.634307
0.595697	0.679915	0.685098	0.60736	0.653805	0.778614	0.691488	0.609237	0.665353	0.783514
0.66838	0.604175	0.667895	0.64551	0.560413	0.677277	0.666328	0.637133	0.577187	0.611667
0.584684	0.480366	0.501169	0.66592	0.753058	0.73703	0.837724	0.734488	0.733304	0.596493
0.511659	0.590905	0.569462	0.841777	0.708378	0.62476	0.594257	0.534302	0.639771	0.684338
0.511085	0.594358	0.686856	0.608823	0.590305	0.749406	0.546306	0.51507	0.67742	0.730134
0.812712	0.765499	0.62003	0.531792	0.586106	0.635894	0.628413	0.676218	0.809135	0.855846
0.647464	0.61933	0.677272	0.60663	0.747973	0.741116	0.809867	0.872041	0.744378	0.550707

0.585364	0.77696	0.888362	0.794339	0.780506	0.828353	0.693279	0.621081	0.63897	0.630451
0.874337	0.886902	0.754397	0.846819	0.808642	0.6367	0.567936	0.571492	0.719607	0.696682
0.750711	0.685866	0.630736	0.636043	0.64335	0.665908	0.76743	0.690069	0.794014	0.841881
0.6164	0.788732	0.624586	0.647108	0.752036	0.763224	0.932388	0.869374	0.586302	0.581145
0.717174	0.865671	0.691284	0.720159	0.93923	0.72997	0.668017	0.670294	0.531147	0.655744
0.879666	0.669075	0.642507	0.786545	0.655437	0.639128	0.61924	0.83612	0.622489	0.790118
0.802492	0.679915	0.828267	0.759798	0.650562	0.757857	0.712535	0.730608	0.711969	0.829563
0.72933	0.765499	0.679865	0.900744	0.843742	1.007517	1.244126	0.7239	0.780509	0.812885
0.889153	0.891001	0.774406	0.718269	0.728207	0.694448	0.632292	0.518612	0.610338	0.782423
0.674188	0.731875	0.870519	0.664251	0.517919	0.545333	0.746657	0.640259	0.683581	0.853273
0.641226	0.561647	0.690395	0.568936	0.739958	0.739068	0.840233	0.946243	0.822354	0.733042
0.564109	0.497221	0.62842	0.623734	0.670399	0.855536	0.725864	0.761626	0.746422	0.638198
0.77954	0.590905	0.758533	0.766068	0.515544	0.7066	0.620756	0.589257	0.792872	0.745871
0.669205	0.793092	0.760616	0.569605	0.554544	0.959136	0.831514	0.68136	1.008368	1.182657
0.685184	0.786567	0.758533	0.696208	0.827656	0.942502	0.949845	0.795031	0.698001	0.714947
0.803615	0.71416	0.926411	1.060247	1.110231	0.747319	0.732685	0.84232	0.638171	0.673182
0.796916	0.764472	0.885569	0.682099	0.670399	0.709454	0.637783	0.726762	0.821135	0.98921
0.754714	0.967347	0.639337	0.733625	0.835006	0.676392	0.705098	0.870705	0.937671	0.824732
0.748723	0.93427	0.665372	0.746514	0.861758	0.815983	0.815773	0.660324	0.63183	0.625868
0.738918	1.091544	0.914345	0.828207	0.663685	0.832133	0.899448	0.766843	0.829737	0.843132
0.719949	1.008517	0.938822	0.838034	0.766565	0.749406	0.842756	0.795031	1.023613	0.841881
0.875663	0.679915	0.731347	1.101524	0.880555	0.811132	1.302027	0.720113	0.837249	0.972014
0.77954	0.621539	0.74322	0.974063	0.798302	0.869104	0.808695	0.680499	0.816295	1.096055
1.186146	0.759373	0.948369	0.93508	0.753058	0.8874	0.646554	0.607052	0.742344	1.096055
0.923349	0.648174	0.777651	0.795464	0.628508	0.752556	0.705098	0.592758	0.599248	0.704806
0.723677	0.693639	0.734285	0.938199	0.774016	0.918688	1.12984	0.989589	0.816295	0.565659
0.762833	1.130253	0.871866	1.103809	0.837484	0.759996	0.93708	0.869374	0.88386	0.644497
0.714416	0.893755	0.908435	0.81387	0.837484	0.833401	0.806362	0.832441	1.015924	0.799082
0.833903	0.740525	0.760616	0.777805	0.74495	0.759996	1.184622	1.013	0.838513	0.934873
0.682622	0.586797	0.793126	0.793217	0.758203	0.793409	0.898009	1.005661	0.779402	0.705718
0.876993	0.729975	0.91883	0.9509	0.934543	0.800412	0.653045	0.825177	0.712917	0.696682
0.878328	0.807575	0.624586	0.834322	0.731115	0.659907	0.798291	0.943081	0.932923	0.835678
0.755721	0.767561	0.647306	0.667595	0.716766	0.757857	0.705098	0.643408	0.706328	1.112049
0.586728	0.896527	0.862525	0.906524	1.03164	1.003742	0.725864	0.567494	0.63183	0.710308
0.742814	0.849154	0.772256	0.824578	0.607521	0.673747	0.787016	0.594166	0.592727	0.645291
0.836323	0.719676	0.889766	0.779973	0.619389	0.811132	1.170938	0.751376	0.707263	0.88108
0.85873	0.676551	0.795382	0.665085	0.705618	0.792253	0.943415	0.951029	0.886681	0.698474
0.830299	0.713247	0.736255	0.705264	0.945558	1.064124	0.815773	0.849879	0.895255	0.62284
1.013654	0.746389	0.841899	0.912382	0.825233	0.730971	0.683523	0.656236	0.931352	0.738916
0.687762	0.749351	0.782017	0.698905	0.627741	0.663326	0.746657	0.761626	0.9345	0.799082
0.566058	0.727142	0.736255	0.633709	0.607521	0.713287	0.784796	0.785066	0.74336	0.676584
0.532849	0.682455	0.926411	0.699808	0.877819	0.758925	0.628413	0.91414	0.710081	0.862346
0.918925	0.779077	0.79993	1.032161	0.934543	0.814765	0.678292	0.796153	0.816295	1.003474
1.152212	0.736659	0.597941	0.669276	0.841228	0.784245	0.705098	0.759557	0.823576	0.718695
0.93997	0.798606	0.716948	0.760837	0.919278	1.068465	0.713473	0.677071	0.672207	0.642914
0.73314	0.923781	0.926411	1.047987	0.884691	0.825851	0.914112	0.74534	0.74336	0.717755
0.724614	0.812131	0.684221	0.830643	0.693855	0.589341	0.727802	0.7239	0.811509	0.696682

0.657796	0.628984	0.574875	0.733625	0.719598	0.682626	0.846569	1.020464	1.125929	0.844387
0.883707	0.6919	0.667895	0.761878	0.859138	0.747319	0.680029	0.755447	0.711969	0.897807
0.957252	0.938844	0.802222	0.783247	0.65137	0.745241	0.662969	0.593462	0.67742	0.963666
0.686901	0.772758	0.845693	0.804569	0.593127	0.621631	0.64736	0.590654	0.725424	0.784608
0.742814	0.561004	0.657067	0.623734	0.594545	0.765389	0.772783	0.741362	0.749507	0.645291
0.708953	0.780139	0.811513	0.888014	0.785989	0.770851	0.759001	0.709865	0.587722	0.65331
0.818495	0.865671	0.662031	0.714514	0.88747	0.78995	0.499667	0.548671	0.642989	0.628153
0.783819	0.814426	0.716005	0.540471	0.678939	0.762145	0.705098	0.714493	0.767411	0.90787
0.631276	0.56229	0.696657	0.670119	0.781597	0.978201	0.813401	0.986096	0.804426	0.818768
0.597094	0.637323	0.896852	0.91832	0.813318	0.779734	0.568609	0.702562	0.725424	0.525869
0.788141	0.745406	0.597224	0.808034	1.083152	0.608577	0.648167	0.718231	0.685358	0.764285
0.62081	0.756342	0.626116	0.730704	0.824027	0.691691	0.67916	0.758525	0.963908	0.922664
0.551334	0.661726	0.596508	0.609557	0.575102	0.796897	0.912623	0.648174	0.871388	0.836911
0.848628	0.842965	0.65789	0.71079	0.746963	0.723023	0.825392	0.670294	0.578577	0.682603
0.807004	0.832042	0.78532	0.862305	0.672943	0.7066	0.893719	0.750364	0.721537	1.010785
0.876993	0.726202	0.833175	0.818597	0.64335	0.714251	0.911139	0.97072	0.784964	0.772726
0.694711	0.570088	0.62842	0.766068	0.705618	0.908006	0.784796	0.895394	1.0065	0.692233
0.826724	0.667431	0.704844	0.919817	0.722449	0.823363	0.808695	0.903946	0.856616	0.73207
0.742814	0.85291	0.716948	0.64551	0.736006	0.900534	0.742619	0.673669	1.047534	0.784608
0.607714	0.812131	0.700276	0.631387	0.681535	0.808727	0.819355	0.790574	0.893814	0.728206
0.547573	0.559082	0.83565	0.777805	0.788202	0.717155	0.870178	0.944659	0.726402	0.715881
0.608431	0.634272	0.953222	1.050007	0.779418	0.684424	0.627641	0.74634	0.766337	0.80708
0.772151	0.790906	0.687738	0.716387	0.787094	0.632684	0.680029	0.944659	0.905477	0.962015
0.792506	0.865671	0.699369	0.656821	0.791543	0.732981	0.686162	0.802944	0.689831	0.661479
0.608431	0.697139	0.721695	0.723964	0.605331	0.824605	0.776026	0.536767	0.494083	0.631989
0.771106	0.907795	0.827048	0.936637	0.702875	0.702825	0.807527	0.624093	0.60071	0.700274
0.647464	0.682455	0.626882	0.733625	0.767622	0.637508	0.78369	0.69627	0.807953	0.931788
0.907341	0.682455	0.742218	1.007614	0.835006	0.696296	0.713473	0.700755	0.651962	0.784608
0.819661	0.765499	0.696657	0.750558	0.868378	0.974672	0.58298	0.505189	0.563528	0.743872
0.849878	0.752334	0.697559	0.532406	0.648144	0.713287	0.670563	0.747343	0.651962	0.724377
0.93997	0.80871	0.765868	0.550608	0.553897	0.702825	0.691488	0.813334	0.898151	0.645291
0.793604	0.645046	0.937251	0.759798	0.689415	0.834672	0.709731	0.574853	0.762068	0.670647
0.652202	0.664977	0.801075	0.665085	0.686772	0.616208	0.624567	0.658684	0.744378	0.584586
0.589468	0.965713	0.935686	0.656003	0.580569	0.542076	0.711598	0.682223	0.694351	0.793458
0.690355	0.774854	0.846965	0.702528	0.637823	0.656515	0.99773	0.738403	0.577187	0.655744
0.63584	0.729029	0.920336	0.72301	0.793784	0.87886	0.951467	0.831222	0.685358	0.587358
0.76695	0.679915	0.833175	0.882474	0.822824	0.711366	0.657153	0.647376	0.747448	0.707549
0.841203	0.846668	0.671281	0.835556	0.976944	0.678164	0.713473	0.825177	0.815094	0.729169
0.589468	0.666611	0.690395	0.647909	0.732089	0.809928	0.920119	0.75239	0.68093	0.710308
0.6186	0.88419	0.721695	0.762922	0.97866	0.828353	0.809867	0.83612	0.734299	0.779167
0.780606	0.910658	0.819809	0.804569	0.756138	0.692608	0.668864	0.741362	0.683581	0.684338
0.874337	0.651325	0.703926	0.777805	0.723403	0.630291	0.716302	0.828794	0.837249	0.702081
0.809278	0.669075	0.591528	0.643124	0.639395	0.679944	0.794878	0.819215	0.9345	0.697577
0.813862	0.672382	0.732324	0.986124	0.797168	0.863626	0.806362	0.620331	0.709139	0.673182
0.955653	0.746389	0.672132	0.860993	0.818045	0.661613	0.580897	0.50923	0.763131	0.836911
0.800253	0.861803	0.831943	0.697105	0.631591	0.87886	0.729748	0.583713	0.724449	0.838148
0.692092	0.744426	0.792002	0.64551	0.620142	0.773054	0.840233	0.944659	0.809135	0.827141

0.556399	0.589532	0.760616	0.816227	0.769743	0.93925	0.743625	0.756471	0.74336	0.565659
0.782745	0.728085	0.818614	0.747522	0.667029	0.666772	0.637783	0.552499	0.683581	0.642124
0.809278	0.812131	0.650536	0.718269	0.90744	0.735001	0.74869	0.738403	1.051652	1.074183
0.671689	0.763448	0.739226	0.662589	0.865718	0.88884	0.924679	0.795031	0.700759	0.7706
0.642001	0.803067	0.784216	0.743506	0.875101	0.650642	0.761093	0.87338	0.660283	0.668128
0.726494	0.796392	0.871866	0.868924	0.722449	0.631087	0.67484	0.702562	0.796306	0.764285
0.878328	0.859244	0.589411	0.621465	0.781597	0.633484	0.571988	0.865404	0.975905	0.896388
0.804742	0.779077	0.632287	0.69175	0.788202	0.593705	0.62996	0.707112	0.60959	0.750908
0.652997	0.730924	0.733304	0.833092	0.779418	0.620852	0.74869	0.755447	0.575802	0.655744
0.792506	0.850402	0.839389	0.731676	0.745955	0.648149	0.776026	0.780709	0.673072	0.600058
0.889153	0.749351	0.692175	0.671811	0.700149	0.584305	0.62687	0.671979	0.592727	0.825935
0.887785	0.737622	0.63619	0.754641	0.794909	0.673747	0.718197	0.747343	0.63183	0.814055
0.577271	0.607736	0.804526	0.831866	0.653805	0.924912	0.736631	0.607052	0.82603	1.158686
0.629012	0.784414	0.705763	0.729735	0.65462	0.656515	0.67484	0.661146	0.759949	0.738916
0.723677	0.61933	0.642507	0.769238	0.570374	0.698151	0.864819	0.693602	0.75679	0.595075
0.682622	0.664977	0.750299	0.902182	0.790426	0.724008	0.718197	0.648174	0.695261	0.614618
0.730279	0.866968	0.869177	0.69175	0.822824	0.903507	0.633072	0.634804	0.626357	0.64848
0.92782	0.783341	0.704844	0.70435	0.880555	0.774161	0.753815	0.668617	0.614099	0.786803
0.666735	0.578697	0.647306	0.666756	0.692074	1.053459	0.822967	0.872041	0.660283	0.605099
0.524485	0.564227	0.757495	0.899311	0.701965	0.843677	0.734653	0.724852	0.763131	0.545624
0.739889	0.781204	0.750299	0.734603	0.741948	0.589341	0.595687	0.88014	0.868665	0.564339
0.813862	0.835652	0.585208	0.740518	0.838728	0.613905	0.68528	0.789467	0.711024	0.695788
0.836323	0.626737	0.603723	0.634486	0.662023	0.657361	0.738618	0.767894	0.722506	0.949031
0.659408	0.800831	0.765868	0.720159	0.855238	0.726979	0.616977	0.648974	0.671345	0.55585
0.597794	0.705118	0.758533	0.893626	0.804016	0.586456	0.545667	0.911203	0.719607	0.609466
0.813862	0.830845	0.704844	0.946093	0.824027	0.692608	0.637783	0.87338	0.804426	0.665623
0.846139	0.753332	0.679865	0.675213	0.727242	0.87605	0.898009	0.74534	0.758893	0.825935
0.665096	0.748362	0.731347	0.830643	1.045458	1.051358	0.999542	0.773188	0.84233	0.749896
0.632033	0.823732	0.782017	0.778888	0.770807	0.652312	0.732685	0.675367	0.765266	1.041328
0.874337	0.754333	0.682474	0.905072	0.64654	0.581453	0.788131	0.652994	0.642182	0.799082
0.831497	0.668252	0.678999	0.87973	0.842483	0.748361	0.784796	0.820401	0.852673	0.658193
0.702664	0.707811	0.732324	0.946093	0.980384	1.022951	0.841493	0.683955	0.769567	0.678295
0.842432	0.816734	0.758533	0.797722	0.648949	0.770851	0.678292	0.638694	0.904002	0.841881
0.661025	0.830845	0.95813	0.671811	0.621651	0.820889	0.86349	0.62485	0.766337	0.870276
0.629765	0.656095	0.61777	0.634486	0.534916	0.724008	0.722013	0.642619	0.698001	0.551987
0.750711	0.632755	0.75132	0.761878	0.797168	0.846285	0.593544	0.725806	0.690731	0.589449
0.862579	0.753332	0.79765	0.748532	0.72436	0.863626	0.743625	0.701657	0.633407	0.715881
0.924834	0.975608	0.676411	0.652747	0.713952	1.032885	0.851706	0.957494	0.926672	0.803634
0.798025	0.82609	0.712252	0.760837	0.76446	0.779734	0.74971	0.979195	0.846179	0.710308
0.667557	0.885544	0.740221	0.818597	0.8724	0.815983	0.837724	0.697164	0.605127	0.680875
0.586045	0.799717	0.716005	0.907981	0.738967	0.665046	0.684401	0.857572	0.703535	0.834448
0.642001	0.711427	0.566781	0.692638	0.733065	0.627122	0.694176	1.022351	0.661967	0.738916
0.882356	0.755337	0.656245	0.647108	0.911841	0.702825	0.735641	0.779626	0.670484	0.773793
0.657796	0.660109	0.554918	0.618457	0.628508	0.748361	1.105998	0.704376	0.628694	0.872952
0.734098	0.82609	0.845693	0.754641	0.605331	0.750453	0.871528	0.733514	0.699838	0.793458
0.889153	0.791998	0.854675	0.785442	0.839976	0.715217	0.938655	0.84232	0.922043	0.930254
1.059825	0.755337	0.75646	0.758761	0.923801	0.752556	0.859526	0.882874	0.753654	0.887971

0.778477	0.636559	0.697559	0.798856	0.692074	0.909516	0.840233	0.629416	0.769567	0.835678
0.871696	0.793092	0.765868	0.711718	0.637039	0.811132	0.802885	0.673669	0.740319	0.793458
0.807004	0.677389	0.654606	0.863621	0.661194	1.019041	0.990558	0.844825	1.079416	0.696682
0.702664	0.596443	0.765868	0.931985	0.713952	0.814765	0.881097	0.849879	0.830098	0.649282
0.73314	0.737622	0.784216	0.584593	0.692074	0.78538	0.641748	0.724852	0.893814	0.583206
0.891902	0.888264	0.901159	0.594407	0.747973	0.813551	0.746657	0.764749	0.807953	0.586664
0.685184	0.727142	0.896852	0.792097	0.612673	0.747319	0.751758	0.998444	0.777197	1.049312
0.583327	0.708712	1.096457	0.840526	0.672094	1.003742	0.819355	0.720113	0.642182	0.674879
0.708953	0.694511	0.681602	0.839278	0.842483	0.783113	0.68528	0.84232	0.703535	0.745871
0.908772	0.855433	0.629191	0.672659	1.020136	0.653149	0.589287	0.84232	0.806774	0.802491
0.734098	0.909224	0.784216	0.673509	0.968462	0.778614	0.688817	0.816853	0.665353	0.98225
0.689489	0.972285	0.881413	0.646308	0.958498	1.217991	1.010575	0.885625	0.698001	0.803634
0.692963	0.758361	0.91138	0.808034	0.775091	0.724008	0.804041	1.080959	0.824801	0.910789
0.805872	0.828461	0.685976	0.954134	0.867046	0.630291	0.875603	1.080959	0.955538	0.875644
0.656992	0.799717	0.665372	0.848088	0.787094	0.719102	0.943415	0.645785	0.855298	1.047302
0.670031	0.734739	0.685976	1.030223	0.966785	0.972918	1.055671	0.620331	0.706328	0.845645
0.722742	0.785489	0.749281	0.805721	0.922288	0.759996	0.819355	0.638694	0.587012	0.836911
0.876993	0.682455	0.808006	0.822176	0.64654	0.707549	1.008716	0.754426	0.698919	0.794577
0.801371	0.625991	0.711319	0.881099	0.662023	0.807529	0.927746	0.756471	0.728363	0.637417
0.904493	0.77696	0.62535	0.913859	0.913318	0.905002	0.751758	0.802944	0.837249	0.661479
0.954059	0.886902	0.74322	0.9509	0.903083	0.687135	0.665485	0.652187	0.789466	0.778087
0.746744	0.80871	0.948369	0.811527	0.685019	0.72897	0.846569	0.593462	0.833477	0.823533
0.763858	0.705118	0.760616	0.689979	0.65218	0.751503	0.743625	0.751376	0.879663	0.677439
0.699997	0.784414	0.85338	0.660108	0.762364	0.730971	0.624567	0.691832	0.853983	0.668966
0.699112	0.727142	0.997723	0.980914	0.678078	0.652312	0.58298	0.68919	0.731321	0.778087
0.719022	0.652909	0.634624	0.663419	0.603877	0.813551	0.642545	0.819215	0.763131	0.721526
0.762833	0.851654	0.711319	0.644713	0.64335	0.820889	0.756919	0.789467	0.857938	0.669806
0.683474	0.746389	0.827048	0.957393	0.815675	0.689863	0.778202	0.763705	0.618655	0.787905
0.67252	0.856699	1.129346	0.936637	0.875101	0.724996	0.648977	0.719171	0.628694	0.730134
0.723677	0.688442	0.840642	0.73755	0.789313	0.7085	0.722973	0.998444	0.805598	0.902091
0.75673	0.812131	0.572837	0.588772	0.58541	0.7066	0.761093	0.935276	0.815094	0.675731
0.665096	0.643491	0.494895	0.562301	0.719598	0.623976	0.814585	0.725806	0.558182	0.744871
0.631276	0.842965	0.749281	0.771364	0.729174	0.613905	0.68528	0.663622	0.68093	0.724377
0.682622	0.719676	0.859893	0.828207	0.722449	0.601822	0.606569	0.669455	0.692537	0.816405
0.716252	0.770671	0.723608	0.784343	0.825233	0.610852	0.639364	0.839829	0.661124	0.742877
0.734098	0.821387	0.648112	0.745509	0.747973	0.730971	0.750733	0.637913	0.644606	0.723424
0.750711	0.797497	0.678999	0.783247	0.650562	0.771951	0.862165	0.627127	0.674806	0.662305
0.730279	0.877485	0.77333	0.875646	0.843742	0.692608	0.820556	0.717294	0.828498	0.761161
0.812712	0.61422	0.60811	0.883852	0.855238	0.664185	0.837724	0.684823	0.734299	0.819954
0.742814	0.719676	0.688622	0.667595	0.587501	0.752556	0.718197	0.68136	0.692537	0.98225
0.799138	0.821387	0.889766	0.680368	0.582637	0.893188	0.760046	0.700755	0.602913	0.613878
0.897453	0.855433	0.941981	0.854493	0.677218	0.753611	1.108324	0.757497	0.779402	0.496695
0.638909	0.593665	0.78532	0.919817	0.787094	0.676392	0.858213	0.734488	0.856616	0.676584
0.689489	0.721531	0.83441	0.721107	0.963451	0.863626	0.554047	0.682223	1.057904	0.883823
0.870382	0.844196	0.873217	0.66592	0.841228	0.93925	0.694176	0.742353	1.05581	0.848173
0.882356	0.676551	0.71884	0.825784	0.707456	0.863626	0.791491	0.89258	0.786085	0.663961
0.679228	0.733782	0.978336	0.888014	0.741948	0.880271	0.781486	0.76059	0.745399	0.608006

0.557036	0.676551	0.792002	0.860993	1.022032	0.848908	0.632292	0.653802	0.952234	0.765331
0.751708	0.91354	0.829489	0.749544	0.798302	0.717155	0.705098	0.744342	0.84233	0.827141
0.799138	0.807575	0.787536	0.797722	0.802867	0.716185	0.776026	0.869374	0.564874	0.817585
0.636605	0.652909	0.665372	0.643918	0.689415	0.778614	0.722013	0.918583	0.661124	0.668966
0.623031	0.747374	0.854675	0.664251	0.747973	0.64157	0.700514	0.905387	0.765266	0.650888
0.75371	0.82609	0.855974	0.946093	0.861758	0.592975	0.76743	0.959125	0.843609	0.736949
0.812712	0.834446	0.631511	0.769238	0.717708	0.700015	0.722013	0.682223	0.737299	0.824732
0.73314	0.71052	0.634624	0.668435	0.760279	0.752556	0.959671	0.808685	0.620184	0.726287
0.649827	0.795289	0.920336	0.872945	0.807481	0.644025	0.837724	0.933732	0.75784	0.900659
0.86387	0.750343	0.647306	0.775647	0.670399	0.59517	0.724898	0.915616	0.809135	0.882449
0.935374	0.762426	0.680733	0.754641	0.690299	0.720079	0.864819	0.627888	0.791734	0.89923
0.673353	0.719676	0.711319	0.798856	0.801721	0.656515	0.753815	0.616602	0.698001	0.663132
0.755721	0.990886	0.71979	0.810359	0.881929	0.652312	0.722013	0.64658	0.651138	0.749896
0.696466	0.752334	0.79993	0.855785	0.617139	0.714251	0.95473	0.831222	0.781618	1.065733
0.911649	0.649747	0.755427	0.792097	0.59242	0.640755	0.640952	0.69627	0.807953	0.771662
0.749716	0.630488	0.679865	0.833092	0.812144	0.754669	0.784796	0.609968	0.955538	0.845645
0.746744	0.605596	0.771185	1.230615	1.018247	0.877452	0.838976	0.765795	0.790598	0.783514
0.862579	0.810987	0.846965	0.919817	0.741948	0.811132	0.908187	0.767894	0.811509	1.06783
0.861292	0.698018	0.862525	0.740518	0.645741	0.771951	0.995926	0.782882	0.771733	0.73207
0.837538	0.631243	0.690395	0.756696	0.690299	0.739068	0.648977	0.633257	0.848765	0.734991
0.820831	0.663348	0.829489	0.836793	0.792662	0.926482	0.818158	0.657867	0.796306	0.730134
0.879666	0.801948	0.686856	0.720159	0.538023	0.714251	0.760046	0.571492	0.706328	0.656559
0.684328	0.821387	0.874572	0.709864	0.630047	0.924912	0.903796	0.74634	0.758893	0.743872
0.73602	0.699782	0.749281	0.793217	0.736006	0.862267	0.771707	0.837353	0.798611	0.685208
0.663463	0.588846	0.694859	0.907981	0.813318	0.773054	0.678292	0.881505	0.715771	0.61314
0.73602	0.640396	0.724568	0.7735	0.684146	0.72997	0.629186	0.702562	0.828498	0.699373
0.954059	0.807575	0.652973	0.541726	0.739958	1.013241	0.742619	0.770004	0.893814	0.595783
0.719022	0.794189	0.652973	0.676068	0.827656	1.086273	0.837724	0.693602	0.690731	0.675731
0.608431	0.688442	0.845693	0.893626	0.928372	0.72997	0.733668	0.716358	0.59489	0.681738
0.738918	0.688442	0.915835	0.834322	0.75	0.819657	0.840233	0.767894	0.81992	0.7706
0.897453	0.819054	0.72746	0.71545	0.945558	0.918688	0.67916	0.785066	0.909933	1.014488
0.665096	0.861803	0.678999	0.72301	1.008928	0.839795	0.76425	0.772124	0.716727	0.641336
0.699997	0.644268	0.716005	0.797722	0.886078	0.562677	0.798291	1.031908	0.63183	0.642914
0.723677	0.877485	0.803373	1.020659	0.863074	0.764305	0.692383	0.952637	0.867309	0.812885
0.854914	0.833242	0.613285	0.672659	0.883308	0.660759	0.671415	1.100882	1.008368	0.909327
0.994028	0.827274	0.585208	0.696208	0.913318	0.787659	0.683523	0.743347	0.65777	0.67403
0.748723	0.705118	0.689507	0.899311	0.770807	0.676392	0.76743	0.856281	0.59779	0.704806
0.716252	0.823732	0.747251	0.963984	0.782691	0.777496	1.016198	0.902509	0.718645	0.80708
0.835112	0.798606	0.71979	0.643918	0.694749	0.796897	0.840233	0.87338	0.899607	0.876997
0.893283	0.719676	0.575556	0.762922	0.783788	0.671993	0.708801	0.887007	0.673072	0.700274
0.67252	0.836863	0.813867	0.883852	0.84627	0.832133	0.92621	0.801805	0.612591	0.597915
0.656992	1.006721	0.822209	1.007614	0.76132	0.759996	0.683523	0.695379	0.815094	0.760125
0.75977	0.877485	0.758533	0.87973	0.770807	0.627122	0.676563	0.618836	0.865958	0.962015
0.838756	0.599941	0.61032	0.986124	0.971835	0.747319	0.96133	0.743347	0.709139	0.785704
0.805872	0.681607	0.570809	0.81741	0.832542	0.856874	0.875603	0.772124	0.587722	0.777009
0.818495	0.744426	0.643303	0.717327	0.588901	0.747319	0.766368	0.661146	0.661967	0.705718
0.92932	0.970632	1.059605	0.896459	0.671245	0.627122	0.776026	0.704376	0.713866	0.772726

0.788141	0.708712	0.66037	0.882474	0.84754	0.697222	0.983502	0.909742	0.767411	0.701177
0.812712	0.613494	0.650536	0.787649	0.916288	0.852872	0.811042	0.683955	0.709139	0.774862
0.878328	0.705118	0.742218	0.717327	0.737978	0.862267	0.616977	0.578239	0.704464	0.812885
1.026621	0.896527	0.695757	0.675213	0.589602	0.666772	0.621515	0.55122	0.712917	0.610932
0.847382	0.746389	0.659542	0.753616	0.672943	0.7911	0.920119	0.860167	0.957199	0.743872
0.698228	0.61422	0.736255	0.806876	0.668711	0.705653	0.757959	0.99488	0.823576	0.815228
0.745758	0.671553	0.772256	0.712648	0.663685	0.8874	0.631514	0.683955	0.972444	0.95224
0.999293	0.820219	0.888362	0.697105	0.855238	0.978201	0.711598	0.680499	0.782731	0.625868
0.687762	0.664977	0.774406	0.724921	0.647342	0.894648	0.778202	0.74634	0.963908	0.635083
0.621549	0.663348	0.978336	0.841777	0.741948	0.833401	0.86749	0.957494	0.881058	0.7622
0.776358	0.789818	0.761662	0.751575	0.734043	0.697222	0.74971	0.750364	0.867309	0.949031
0.805872	0.849154	0.836892	0.857081	0.863074	0.713287	0.784796	0.876072	0.84233	0.801352
0.719949	0.684157	0.78532	0.751575	0.768681	0.842379	0.890882	0.903946	0.770649	0.629684
0.65539	0.772758	0.91286	0.877003	0.926843	0.978201	0.720101	0.768948	0.740319	0.590149
0.708049	0.800831	0.767987	0.719213	1.065994	0.773054	0.736631	0.757497	0.969009	0.751923
0.681771	0.935789	0.980064	0.65764	0.890267	0.693527	0.634637	0.82159	0.932923	0.866293
0.791411	0.821387	0.792002	0.56033	0.757169	0.735001	0.702342	0.947833	0.618655	0.733042
0.609149	0.836863	0.720741	0.651129	0.737978	0.814765	0.744633	0.781794	0.605127	0.610199
0.776358	0.996101	0.824622	0.925858	0.794909	0.621631	0.632292	0.766843	0.690731	0.680875
0.955653	0.880155	0.655425	0.839278	0.831315	0.554586	0.633072	0.782882	0.905477	0.745871
0.849878	0.861803	0.790881	0.730704	0.861758	0.7066	0.734653	0.823978	0.751575	0.815228
0.634313	0.786567	1.041291	0.728768	1.029701	0.994447	0.990558	0.680499	0.737299	0.750908
0.65619	0.748362	0.813867	0.823375	0.782691	0.663326	0.709731	0.773188	0.909933	0.717755
0.865165	0.743447	0.632287	0.785442	0.802867	0.693527	0.727802	0.820401	0.864611	0.821144
0.802492	0.772758	0.604451	0.619207	0.634696	0.755729	0.874241	0.833664	0.675675	0.896388
0.652202	0.84543	0.666211	0.769238	0.860446	0.834672	0.728774	0.703468	0.608097	0.745871
0.81042	0.865671	0.850803	0.967318	0.898769	0.773054	0.745644	0.939943	0.732311	0.844387
0.930825	0.758361	0.79765	1.009454	0.816858	0.72997	0.717248	0.823978	0.764197	0.834448
0.777416	0.763448	0.632287	0.70435	0.805168	0.926482	0.918609	0.709865	0.701682	0.805928
0.686901	0.704224	0.583121	0.848088	1.059731	0.8874	1.005023	0.685693	0.833477	0.812885
0.705348	0.945018	0.884179	0.857081	0.895917	0.741116	0.738618	0.640259	0.659444	1.107419
0.740862	0.695385	0.892586	0.875646	0.683274	0.8271	0.800582	0.775323	0.650316	0.840633
0.905915	0.772758	0.758533	0.757728	0.639395	0.685326	0.842756	0.705286	0.635782	0.692233
0.755721	0.751337	0.632287	1.075002	0.774016	0.765389	0.765308	0.630181	0.821135	0.774862
0.985392	0.999612	0.827048	0.99853	0.9536	0.688952	0.745644	0.687438	0.816295	0.741883
0.795809	0.742471	0.824622	0.81387	0.544936	0.725986	0.900893	0.753407	0.806774	0.824732
0.885062	0.596443	0.79993	0.722058	0.64654	0.677277	0.675701	0.771062	0.865958	0.663961
0.965341	0.709615	0.703011	0.749544	0.815675	0.766476	0.78369	0.766843	0.882457	0.644497
0.992287	0.899316	0.802222	0.91091	0.807481	0.696296	0.708801	0.624093	0.792872	0.695788
0.795809	0.675714	0.796515	0.853204	0.580569	0.687135	0.825392	0.687438	0.779402	0.823533
0.725553	0.67823	0.899719	0.878364	0.755109	0.80159	0.99773	0.819215	0.74336	0.713086
0.586728	0.645046	0.72746	0.721107	0.770807	0.794569	0.668864	0.858868	0.895255	0.642124
0.62081	0.566172	0.794252	0.835556	0.8724	0.891734	0.592831	0.636355	0.709139	0.621333
0.85873	0.641168	0.742218	0.743506	0.711156	0.799237	0.772783	0.576204	0.771733	0.695788
0.744775	0.805316	0.76905	0.581829	0.673795	0.917146	1.193045	0.947833	1.019752	1.143411
0.699112	0.801948	0.901159	0.85192	0.848814	0.937634	0.882482	1.066071	0.950592	0.680875
0.85873	0.796392	1.023719	0.777805	0.940803	1.068465	0.847848	0.908285	0.75784	0.704806

0.955653	0.866968	0.992349	1.09474	0.731115	0.998141	0.929288	0.716358	0.967302	1.035435
0.739889	0.734739	0.78532	0.598682	0.677218	0.902018	1.005023	0.685693	0.871388	0.922664
0.642777	0.876157	0.747251	0.604448	0.703787	0.759996	0.700514	0.721056	0.732311	0.674879
0.704452	0.657696	0.823414	0.836793	0.709302	0.722039	0.719148	0.955869	0.83098	0.778087
0.770063	0.582054	0.78532	0.746514	0.565033	0.707549	0.684401	0.792797	0.902532	0.816405
0.680074	0.664162	0.646503	0.571619	0.756138	0.915609	0.78369	0.774254	1.05581	0.972014
0.552594	0.896527	0.787536	0.636043	0.697441	0.749406	0.733668	0.82159	0.759949	0.705718
0.663463	0.721531	0.693962	0.735583	0.888867	0.715217	0.734653	0.91414	0.693443	0.65412
0.724614	0.771713	0.810341	0.731676	0.903083	0.741116	0.726832	0.708946	0.77282	0.781335
0.862579	0.80871	0.802222	0.698004	0.837484	0.762145	0.633854	0.726762	0.92358	0.834448
0.865165	0.851654	0.630736	0.679504	0.868378	0.848908	0.731704	0.780709	0.82603	0.607277
0.687762	0.783341	0.772256	0.848088	0.973531	0.684424	0.898009	0.792797	0.543169	0.641336
0.687762	1.199843	1.151884	0.977475	0.922288	0.748361	0.81222	0.756471	0.651138	0.782423
0.666735	0.756342	0.703926	0.70618	0.793784	0.715217	0.761093	0.779626	0.77391	0.912256
0.782745	0.697139	0.506371	0.656003	0.822824	0.755729	0.655505	0.95425	0.77282	0.719636
0.73602	0.864378	0.780921	0.744506	0.725318	0.740091	0.835229	0.740373	0.671345	0.731101
0.605569	0.970632	0.997723	0.854493	0.694749	0.714251	0.911139	0.735463	0.691633	0.724377
0.712587	0.861803	0.780921	0.939766	0.757169	0.591518	0.804041	0.780709	0.68005	0.719636
0.896059	0.715991	0.595793	0.747522	0.804016	0.677277	0.905255	0.858868	0.762068	0.75806
0.95247	0.759373	0.759574	0.636824	0.859138	0.747319	0.81222	0.699854	0.612591	0.673182
0.739889	0.701554	0.729399	0.752595	0.620896	0.687135	0.842756	0.633257	0.605127	0.65331
0.590156	0.91354	0.954852	0.833092	0.692074	0.701886	0.736631	0.709865	0.816295	0.882449
0.725553	0.650535	0.710388	0.796591	0.890267	0.639128	0.84913	1.005661	0.984682	0.845645
0.965341	0.698018	0.626116	0.846819	1.010776	0.770851	0.714414	0.625607	0.628694	0.640549
0.719949	0.630488	0.700276	0.874293	0.701965	0.912552	0.779294	0.508072	0.626357	0.843132
0.920394	0.856699	0.914345	0.749544	0.692964	0.721058	0.813401	0.720113	0.787209	0.736949
0.822003	0.685011	0.61032	0.728768	0.775091	0.684424	0.825392	0.888394	0.754696	0.536252
0.839978	0.55463	0.604451	0.855785	0.845004	0.660759	0.763195	0.659503	0.599978	0.590849
0.738918	0.633513	0.626882	0.771364	0.679803	0.871869	0.794878	0.6107	0.890947	0.919665
0.77954	0.877485	0.990573	0.795464	0.696542	0.814765	0.661299	0.554426	0.818709	0.850716
0.957252	0.841738	0.858582	0.718269	0.54304	0.697222	0.709731	0.687438	0.733304	0.553271
0.85873	0.57404	0.827048	0.834322	0.688532	0.722039	0.841493	0.594872	0.56826	0.521665
0.732184	0.674044	0.749281	0.823375	0.93923	0.843677	0.563923	0.55507	0.702608	0.786803
0.735058	0.745406	0.865173	0.742507	0.825233	0.73703	0.577449	0.653802	0.788336	0.750908
0.73795	0.600644	0.710388	0.644713	0.546841	0.653988	0.785905	0.856281	0.878273	0.62284
0.676701	0.560363	0.787536	0.752595	0.577144	0.803956	0.814585	0.918583	0.860595	0.685208
0.689489	0.715991	0.895425	0.872945	0.736991	0.640755	0.654684	0.724852	1.033421	0.718695
0.791411	0.960849	0.91286	0.630615	0.905983	0.80159	0.630736	0.758525	0.746422	0.725331
1.137402	0.956039	0.678135	0.583209	0.806323	0.944137	0.759001	0.638694	0.733304	0.628918
0.745758	0.634272	0.83565	0.619958	0.770807	1.230479	0.870178	0.783972	0.81992	0.678295
0.565407	0.615674	0.729399	0.695313	0.742946	0.722039	0.686162	0.706198	0.863268	0.609466
0.683474	0.836863	0.783115	0.597966	0.781597	0.664185	0.546306	0.638694	0.990034	0.859734
0.830299	0.799717	0.839389	0.696208	0.718652	0.592975	0.605102	0.708028	0.777197	0.7622
0.719949	0.694511	0.707607	0.461662	0.673795	0.766476	0.898009	0.749355	0.597063	0.669806
0.564757	0.712336	0.810341	0.59158	0.699245	0.893188	0.716302	0.704376	0.663657	0.622086
0.587411	0.631243	0.670432	0.828207	0.630818	0.594437	0.637783	0.87338	0.689831	0.656559
0.809278	0.84543	0.693962	0.702528	0.745955	0.721058	0.736631	0.761626	0.716727	0.817585

0.576603	0.673212	0.684221	0.603723	0.883308	0.77527	0.742619	0.764749	0.560846	0.797951
0.543845	0.628984	0.690395	0.592285	0.815675	0.73703	0.597842	0.596288	0.599978	0.724377
0.684328	0.669899	0.724568	0.796591	0.850091	0.621631	0.703259	0.741362	0.635782	0.588054
0.698228	0.812131	0.61777	1.005782	0.787094	0.664185	0.826609	0.804086	0.763131	0.684338
0.805872	0.693639	0.615522	0.671811	0.5882	0.628704	0.734653	0.739387	0.596337	0.681738
0.664279	0.841738	0.720741	0.60736	0.802867	0.871869	0.776026	0.761626	0.575111	0.680875
0.718097	1.032562	0.839389	0.670964	0.687651	0.639941	0.695076	0.844825	0.748476	0.642124
0.904493	0.859244	0.709459	0.959031	0.958498	0.704708	0.715357	0.814504	0.879663	0.699373
0.813862	0.715991	0.63619	0.779973	0.880555	0.746279	0.755882	0.730608	0.608097	0.841881
0.595697	0.807575	0.72553	0.71079	0.850091	0.715217	0.943415	0.665281	0.591291	0.73207
0.690355	0.989162	0.858582	0.70435	0.780506	0.646495	0.784796	0.711711	0.526183	0.772726
0.782745	0.682455	0.831943	1.045977	0.734043	0.68173	0.866153	0.941509	0.780509	0.707549
0.971923	0.768595	0.679865	0.758761	0.855238	0.835947	0.785905	0.609968	0.620184	0.767431
0.832699	0.727142	0.630736	0.730704	1.001614	0.833401	0.850416	0.563532	0.578577	0.729169
0.832699	0.809847	0.735269	0.756696	0.92532	0.806335	0.759001	0.720113	0.633407	0.743872
0.76695	0.846668	0.901159	0.919817	0.64654	0.531813	0.833987	0.765795	0.724449	0.912256
0.997531	0.71052	0.685976	0.7703	0.665354	0.722039	0.930835	0.887007	0.794014	0.787905
0.784896	0.668252	0.59866	0.874293	0.762364	0.784245	0.958018	0.759557	0.848765	0.809393
0.978605	0.807575	0.739226	0.850639	0.838728	0.778614	0.81222	0.643408	0.614099	0.815228
0.73602	0.756342	0.732324	0.845553	0.603152	0.844979	0.791491	0.637913	0.558846	0.90787
0.920394	0.649747	0.74624	0.81741	0.65218	0.808727	0.930835	0.923073	0.789466	0.931788
0.903076	0.727142	0.60227	0.719213	0.674648	0.918688	0.811042	0.698059	0.871388	0.76638
0.8449	0.722461	0.738234	1.154801	0.765511	0.799237	0.826609	0.670294	0.709139	0.734991
0.832699	0.821387	0.744224	0.963984	0.873748	0.771951	0.842756	0.722002	0.637374	0.912256
0.751708	0.690167	0.874572	0.833092	0.644145	0.77527	0.787016	0.666112	0.670484	0.849442
0.748723	0.561004	0.678999	0.703438	0.690299	0.738048	0.709731	0.744342	1.010245	0.727246
0.807004	0.582054	0.75646	0.7703	0.695644	0.920235	0.746657	0.843571	0.865958	0.855846
0.995776	0.80871	0.881413	0.863621	0.785989	0.792253	0.778202	0.682223	0.753654	0.841881
0.632792	0.697139	0.915835	0.643124	0.600985	0.881688	0.981755	0.898226	0.833477	0.824732
0.676701	0.800831	1.001343	0.792097	0.752036	0.945778	0.866153	0.858868	0.937671	0.713086
0.734098	0.722461	1.04731	0.818597	0.824027	0.8874	0.601457	0.699854	0.851366	0.694007
0.704452	0.67823	0.774406	0.769238	0.635475	0.722039	0.552747	0.589955	0.766337	0.753959
0.92782	0.838076	0.71979	0.616961	0.610458	0.854202	0.651413	0.651381	0.901067	0.910789
0.645114	0.85797	0.759574	0.728768	0.730144	0.967698	0.958018	0.776395	0.855298	0.715881
0.635076	0.779077	0.821007	0.754641	0.970145	0.87886	0.802885	0.998444	0.721537	0.696682
0.741837	0.672382	0.78532	0.979191	0.922288	0.798065	0.659636	0.732543	0.715771	0.640549
0.693836	0.643491	0.626882	0.689096	0.736991	0.770851	0.727802	0.932193	0.979395	0.915204
0.780606	0.856699	0.706684	0.658461	0.784887	0.908006	0.806362	0.644199	0.687141	0.701177
0.665096	0.876157	0.796515	0.89504	0.95198	0.724008	0.755882	0.733514	0.534279	0.645291
0.646679	0.878818	0.951598	0.803421	0.789313	0.736014	0.782587	0.701657	0.724449	0.741883
0.782745	0.711427	0.623062	0.70894	0.809807	0.712326	0.729748	0.991345	0.860595	0.870276
0.897453	0.909224	0.606643	0.711718	1.25541	0.869104	0.723934	1.078801	0.931352	0.767431
0.645114	0.828461	0.796515	0.838034	0.818045	1.06197	1.041444	0.847345	0.697086	0.802491
0.603435	0.799717	0.940399	0.878364	0.718652	0.813551	0.895144	0.717294	0.631044	0.768485
0.812712	0.75735	0.626882	0.709864	0.93923	0.768658	0.781486	0.860167	0.914434	0.841881
0.901663	0.668252	0.604451	0.797722	0.934543	0.723023	0.745644	0.823978	0.906957	0.745871
0.824357	0.758361	0.754397	0.752595	0.679803	0.582877	0.751758	0.522183	0.503935	0.734015

0.804742	0.866968	0.810341	1.09474	0.888867	0.693527	0.920119	0.701657	0.687141	0.894974
0.698228	0.798606	0.792002	0.700713	0.869715	0.688952	0.733668	0.877424	0.771733	0.871612
0.730279	0.537873	0.639337	0.781062	0.850091	0.809928	1.047484	1.080959	0.92358	0.814055
0.792506	0.68076	0.767987	0.922827	0.879185	0.918688	1.072522	0.911203	0.850064	0.975399
1.024745	0.834446	0.723608	0.977475	0.624685	0.763224	0.754847	0.755447	0.821135	0.919665
0.91746	0.786567	0.591528	0.750558	0.814495	0.627122	0.79715	0.636355	0.656935	0.659012
0.726494	0.630488	0.607376	0.739526	0.780506	0.718128	0.988783	0.724852	0.780509	0.777009
0.687762	0.749351	0.693067	0.72684	0.871055	0.985346	0.917105	0.753407	0.738303	0.925684
0.879666	0.877485	0.891174	0.733625	0.816858	1.070651	0.855598	0.749355	0.747448	0.99807
0.970268	0.847909	0.796515	0.745509	0.705618	0.739068	0.850416	0.862778	0.787209	0.887971
0.75673	0.665793	0.631511	0.927382	0.802867	0.770851	1.025735	0.98091	1.060008	0.973704
0.749716	0.896527	0.934126	1.170542	1.091992	0.915609	0.743625	0.872041	0.77282	1.34315
0.885062	0.892376	0.880036	0.98438	0.895917	0.93925	0.602911	0.643408	0.789466	1.482047
1.055784	1.135042	0.978336	0.849362	0.715826	0.7066	0.712535	0.823978	0.979395	0.934873
0.874337	0.819054	0.91883	1.011302	0.809807	1.263366	1.147344	2.06716	2.908323	1.007114
0.659408	0.698018	1.098726	1.181362	0.853945	1.227323	1.32831	1.003845	1.374054	1.280527
0.773199	0.781204	0.951598	0.853204	1.051518	1.03088	0.708801	0.823978	1.08385	1.150981
1.172779	1.164943	1.342401	0.931985	0.813318	1.104844	1.263692	1.257353	1.062122	0.900659
0.926324	0.849154	1.167587	0.931985	0.770807	2.188028	1.976903	1.21411	1.33263	1.010785
0.861292	0.925264	1.203693	1.43925	1.139111	1.14978	1.092296	0.800669	1.336599	1.359296
1.492751	1.247044	1.162289	1.056122	1.197629	0.923347	0.770634	0.982632	1.294815	1.723995
1.07035	1.11632	1.698789	0.99853	1.156889	1.317896	1.250551	1.343264	1.400948	1.153534
0.995776	0.980641	1.109809	1.32633	1.212105	1.276289	2.095002	1.552833	1.156433	0.761161
0.776358	1.004933	1.103298	1.669243	1.464397	1.191141	1.302027	1.164175	1.504944	0.812885
1.253564	1.508316	0.985286	0.94769	1.374405	0.771951	1.035486	1.136264	1.352848	1.637885
1.113788	1.234754	0.937251	0.795464	1.22708	1.191141	2.25773	1.191205	0.871388	1.063646
0.874337	1.272719	1.246257	1.013157	1.686175	1.287964	1.313097	0.984361	0.799768	0.915204
1.214182	1.45487	0.941981	1.32633	1.329726	1.375822	1.108324	1.158965	1.049588	0.904971
1.211392	1.430426	1.076558	2.189546	1.357621	1.059827	1.320637	1.002038	1.175269	1.065733
1.06186	1.139885	1.212469	1.05818	1.353525	1.199908	1.298399	1.005661	1.077217	1.359296
1.20558	2.151633	1.560387	1.21554	1.284533	1.888725	1.305686	1.220031	1.05581	1.021988
1.172913	1.216948	1.553853	1.55712	2.028388	1.119312	1.07038	1.956713	1.133357	0.94426
1.162225	1.194288	0.929481	1.644681	1.584937	1.086273	1.179097	1.896128	0.990034	0.983979
1.030398	1.44987	0.854675	0.9509	1.578046	1.764219	2.25773	1.014854	1.041429	1.753551
1.32212	1.302602	1.393075	1.005782	1.459166	1.16043	1.122549	1.18019	0.932923	1.179927
1.283083	1.042177	1.609111	1.330171	0.940803	0.78995	1.037463	1.107732	0.977646	1.267017
1.253564	0.925264	1.476795	1.279259	1.09648	1.157743	1.059823	1.089701	1.037407	1.053359
1.247268	1.167531	0.850803	1.022555	1.248953	1.203348	1.452991	0.877424	1.189242	0.916686
1.189767	1.502666	0.951598	0.974063	1.48048	1.04305	1.5079	0.969044	0.914434	0.96037
1.172779	0.910658	1.397578	1.387855	0.798302	0.873258	1.003218	1.435528	1.05581	1.796373
0.871696	0.937314	1.157056	1.383471	0.739958	0.972918	1.033518	0.911203	1.159074	1.018222
1.116092	1.015775	0.923363	1.551866	1.24259	1.453131	1.023811	0.676218	1.206625	0.921162
1.031794	1.470224	1.146774	1.464786	1.345446	0.940873	1.001362	0.800669	0.929786	1.074183
1.047814	0.945018	1.049335	0.874293	0.8724	0.908006	1.356288	0.833664	0.929786	1.670311
0.785975	0.914988	1.639621	1.36219	1.164737	1.227323	1.127396	0.847345	0.84233	1.041328
1.109215	0.91354	1.416069	1.415132	1.175427	1.847489	0.781486	0.975785	0.965602	0.695788
1.194369	0.985733	1.450454	1.43925	1.387432	1.20287	1.010575	0.933732	1.113826	1.001665

1.87217	1.647986	1.471398	0.867593	0.90744	0.937634	1.039079	1.020464	1.140913	1.540351
0.954059	1.325379	1.416069	0.872945	0.990869	1.057694	1.844277	2.443033	1.186411	0.790118
1.065958	1.040237	1.948948	2.318598	1.564582	1.834571	1.155067	2.948981	1.328696	0.712158
1.35289	1.191537	1.580603	1.115418	1.049488	1.249911	1.101382	1.011153	1.037407	1.140916
1.300394	1.381052	0.822209	0.72684	0.790426	1.077278	0.787016	0.872041	1.053726	0.839389
0.958858	1.080786	1.039303	1.318748	0.883308	1.107222	1.127396	0.943081	0.911428	0.760125
0.898852	1.139885	1.107919	2.028216	1.318299	0.937634	1.127396	1.089701	0.714818	0.645291
0.978605	1.435206	1.416069	0.811527	1.07022	0.983549	0.852999	1.049659	1.148604	1.182657
1.327555	1.697807	0.980064	0.899311	1.387432	1.066289	0.835229	1.661574	1.143666	2.090704
1.256746	1.398364	1.510671	1.669243	1.051518	1.667568	1.113014	1.138728	0.896701	0.843132
1.002839	3.01827	1.454517	2.249296	1.686175	1.284364	1.45818	1.263898	0.769567	1.021988
1.006414	1.317977	1.122085	1.075002	1.18917	1.009416	1.240949	1.351253	1.374054	1.553014
1.18887	0.882841	0.697559	1.322523	1.313321	1.634222	1.313097	1.277023	1.237239	1.039355
0.980292	0.926752	1.221426	1.30412	1.66898	1.753526	1.713661	1.158965	0.979395	1.219799
1.217088	1.84267	1.789049	2.068532	1.285717	0.905002	1.474129	1.407108	1.021678	3.604809
1.228909	1.348371	0.815049	1.149678	1.209171	0.818429	1.298399	1.307753	1.312429	1.255365
1.691535	0.789818	0.839389	1.12015	2.402319	1.131748	1.103684	1.855662	1.317106	1.100565
1.09358	1.211171	0.983538	1.060247	1.278797	1.888725	1.5079	0.854993	0.932923	1.487538
2.089997	1.152376	1.430473	1.246232	0.869715	1.384766	2.118232	0.786162	0.944083	1.182657
1.283083	0.982332	1.012387	1.236794	0.783788	1.165855	1.23752	1.247718	1.449841	1.100565
1.100212	0.910658	1.726842	1.19555	1.154305	1.227323	1.45818	0.97409	1.021678	1.323776
1.481887	1.227369	3.087412	1.475436	0.810974	1.171348	0.872882	0.759557	0.83098	2.137448
1.005148	1.176402	1.354526	1.32633	1.103301	1.306429	0.95473	1.043661	1.07285	0.937979
1.125434	0.779077	0.953222	1.686424	1.018247	1.350045	2.25773	1.806978	1.294815	0.928725
0.911649	1.123166	1.450454	1.248518	1.784139	1.191141	1.386192	0.996659	1.568069	1.126243
1.386008	1.149735	1.067999	0.974063	1.429036	1.574348	0.782587	0.89118	1.561328	1.298027
1.053778	1.144782	1.553853	0.99853	1.089765	1.903388	1.280699	1.174786	1.344647	1.190951
1.0578	0.815579	1.077551	1.083658	1.014496	0.966887	1.070836	1.223021	1.097428	0.756004
1.010019	1.01032	1.594623	1.486354	0.919278	0.914078	0.851706	0.651381	0.865958	0.809393
1.87217	1.060038	0.861207	0.724921	1.167385	0.688043	0.605835	0.678782	0.990034	0.700274
1.055784	0.90495	0.844425	0.757728	0.822824	0.694448	0.806362	0.795031	0.905477	0.7706
0.794706	0.741497	0.76271	0.775647	0.923801	0.972918	0.858213	0.843571	0.584888	0.601492
0.61059	0.739555	0.899719	0.970677	0.881929	1.124244	0.583676	0.573505	0.515217	0.642124
0.732184	0.964086	0.704844	0.792097	0.827656	0.568156	0.513674	0.611433	0.595613	0.518093
0.954059	0.742471	0.585906	0.666756	0.656254	0.57721	0.613978	0.572833	0.717685	0.630451
0.554492	0.536658	0.56745	0.481429	0.660367	0.506571	0.493961	0.452743	0.483889	0.567648
0.73314	0.756342	0.646503	0.503862	0.679803	0.677277	0.695978	0.538625	0.442798	0.551987
0.825539	0.624502	0.465875	0.570275	0.701965	0.694448	0.567265	0.551859	0.427293	0.433766
0.664279	0.548972	0.495462	0.598682	0.559757	0.599593	0.628413	0.655423	0.552901	0.435233
0.550705	0.556533	0.498306	0.470632	0.483593	0.553918	0.554047	0.525783	0.514616	0.489976
0.602018	0.612048	0.652973	0.4717	0.649754	0.574404	0.577449	0.458382	0.435727	0.4156
0.540763	0.444062	0.540844	0.590876	0.512006	0.503591	0.616977	0.688313	0.487261	0.453746
0.505952	0.493357	0.569462	0.535491	0.498705	0.486697	0.569957	0.583025	0.63897	0.492204
0.444217	0.474539	0.485374	0.512582	0.450761	0.504185	0.596404	0.469355	0.53365	0.569646
0.56088	0.590218	0.574875	0.583209	0.639395	0.64157	0.572667	0.488282	0.455718	0.446648
0.471624	0.518816	0.504051	0.583209	0.514362	0.473197	0.468106	0.467243	0.488956	0.571653
0.522125	0.47612	0.579666	0.489706	0.456925	0.477651	0.589287	0.650577	0.505697	0.512791

[illegible]

Table 1: 10x10 Matrix of Random Values									
240	241	242	243	244	245	246	247	248	249
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.141281	0.506903	0.618405	1.250292	0.364954	0.182477	0	0	0	0
1.095442	1.802223	1.013805	0.729907	1.316719	1.189161	1.417886	0	0	0
0.790628	1.058286	1.224126	0.925073	0.602769	0.659961	1.163724	1.535306	0.773266	1.824809
0.300229	0.79012	0.994841	0.995692	0.609473	0.70817	0.918995	1.142062	0.639319	0.907214
0.838575	1.029256	1.108762	0.757112	1.174456	1.224887	0.870133	0.62792	0.687581	1.214985
1.181231	1.259175	0.950764	1.154189	1.163565	0.933203	0.86339	0.653245	0.636233	0.777668
0.929919	0.888328	0.934314	2.504222	0.891038	0.795749	0.955469	1.039622	0.927413	0.753118
0.695237	0.740967	1.006119	1.521448	1.158221	0.829361	0.805819	0.702373	0.71619	0.816708
0.797491	0.823774	0.863016	0.787291	0.772433	0.655757	0.535455	0.559102	0.643989	0.950761
0.748481	0.603187	0.577351	0.544518	0.636576	0.701611	0.582576	0.586872	0.664007	0.648489
0.562103	0.594992	0.64893	0.560013	0.675855	0.954316	0.749813	0.853671	0.892762	0.583467
0.747452	0.644164	0.649767	0.711052	0.720979	0.879585	0.912952	0.710665	0.789504	0.757289
0.697063	0.698685	0.571711	0.615543	0.859214	0.655757	0.680447	0.637245	0.879102	0.864945
0.442678	0.744076	0.619806	0.527642	0.734783	0.725507	0.745711	0.760897	0.691056	1.023615
0.45929	0.757814	0.634124	0.561387	0.99245	0.847196	0.898205	0.725808	0.60509	0.737823
0.483781	0.694953	0.825004	0.575371	0.695537	0.655757	0.733633	0.725808	0.556406	0.650943
0.689804	0.685762	0.698512	0.684678	0.725859	0.617338	0.80817	0.814154	0.735077	0.648489

0.7333	0.6636	0.575934	0.586162	0.711382	0.81223	1.055483	0.679273	0.876421	0.724019
0.654398	0.732782	0.583065	0.846741	0.758457	0.63135	0.790843	0.602538	0.631645	0.806028
0.746426	0.766488	0.645596	0.694849	0.530107	0.50051	0.777463	0.706039	0.668124	0.827658
0.676514	0.576218	0.799417	0.597976	0.464638	0.608242	0.908475	0.744504	0.630885	0.773297
0.851437	0.675871	0.673899	0.566927	0.642206	0.651592	0.636231	0.565047	0.615958	0.691313
0.88115	0.544211	0.639003	0.717904	0.919208	0.769961	0.573557	0.675825	0.815425	0.772211
0.977823	0.683042	0.74084	1.024694	0.768085	0.706286	0.74266	0.564382	0.798346	0.795603
0.735294	1.002045	0.810199	0.672068	0.685585	0.869886	0.743675	0.586173	0.758882	0.811929
0.64945	0.883999	0.640642	0.555917	0.657026	0.910053	0.860721	0.805969	0.835631	0.577192
0.513917	0.523695	0.723609	0.727884	0.82832	0.879585	0.725764	0.796799	0.796118	0.609511
0.682665	0.640871	0.751304	0.63061	0.654521	0.658274	0.537978	0.64119	0.77657	0.716323
0.678262	0.81389	0.569615	0.496924	0.63023	0.562706	0.685749	0.699644	0.724587	0.676274
0.72056	0.801842	0.581629	0.565535	0.632599	0.780985	0.759186	0.7516	0.448252	0.466586
0.692512	0.960741	1.185039	1.026698	0.691892	0.753932	1.004451	0.807128	0.590318	0.545823
0.740319	0.840331	0.732646	0.771381	0.770253	0.634526	0.697462	0.84345	0.728372	0.656723
0.944228	0.617715	0.525256	0.553208	0.874143	0.765628	0.697462	0.904352	0.69368	0.602119
0.64537	0.640052	0.646427	0.658091	0.645456	0.622733	0.691116	0.712529	0.595887	0.713472
0.76208	0.81757	0.746041	0.888505	0.599822	0.731444	0.764482	0.712529	0.653483	0.843978
0.874217	0.784376	0.566143	0.714954	0.653689	0.626629	0.653216	0.640398	0.681567	0.864945
0.838575	0.554844	0.571011	0.926666	0.84737	0.74665	0.697462	0.741498	0.742867	0.783194
0.85669	0.590587	0.663392	0.730923	0.72001	0.776542	0.810533	0.665644	0.745825	0.795603
0.854056	0.73076	0.791212	0.614764	0.466795	0.694233	0.615326	0.536101	0.654283	0.795603
0.805638	0.703395	0.716708	0.681037	0.554544	0.655757	0.671753	0.536724	0.739929	0.738826
0.581998	0.602435	0.784301	0.833667	0.617811	0.611253	0.732642	0.631781	0.602949	0.638013
0.617833	0.620836	0.665995	0.765837	0.703853	0.559342	0.625266	0.570401	0.620382	0.616274
0.636526	0.656741	0.681949	0.519444	0.745944	0.677199	0.513384	0.553884	0.709768	0.642817
0.731316	0.727744	0.684666	0.494558	0.599089	0.663354	0.652392	0.559102	0.569391	0.569645
0.607289	0.674983	0.788897	0.624998	0.698292	0.700682	0.766619	0.762991	0.583457	0.471442
0.740319	0.804225	0.680147	0.731941	0.755295	0.671087	0.595381	0.612811	0.633169	0.536271
0.792904	0.821282	0.707036	0.698607	0.688276	0.42152	0.59107	0.661472	0.758882	0.750015
0.675642	0.560942	0.578772	0.584708	0.484444	0.512979	0.740638	0.62562	0.624104	0.780975
0.501494	0.62477	0.561329	0.689271	0.659546	0.644196	0.747757	0.662303	0.591704	0.589833
0.620893	0.734814	0.605188	0.592029	0.634186	0.671087	0.68753	0.716282	0.615958	0.729881
0.730327	0.564366	0.551859	0.725869	0.47333	0.549403	0.632283	0.761943	0.622612	0.627008
0.712902	0.498159	0.505569	0.681037	0.544087	0.652422	0.662386	0.569728	0.656694	0.734828
0.644558	0.487659	0.486161	0.712999	0.650377	0.760273	0.73963	0.511898	0.572036	0.722082
0.666166	0.576218	0.568223	0.607818	0.606481	0.590602	0.611563	0.532384	0.550056	0.628563
0.598451	0.779835	0.6874	0.553884	0.612487	0.658274	0.867423	0.538598	0.548798	0.668518
0.519352	0.564366	0.538678	0.51882	0.609473	0.543547	0.598279	0.547449	0.646343	0.602852
0.661083	0.590587	0.602173	0.626594	0.673239	0.697906	0.522444	0.590383	0.729324	0.597743
0.672172	0.582625	0.605946	0.603248	0.643828	0.627412	0.614571	0.557791	0.73315	0.796749
0.614038	0.674983	0.605188	0.45673	0.622426	0.77987	0.589643	0.607644	0.708859	0.676274
0.621661	0.671449	0.541936	0.482343	0.599089	0.654086	0.725764	0.679273	0.571373	0.534385
0.695237	0.688499	0.589584	0.597228	0.600557	0.581338	0.715171	0.720067	0.621867	0.505866
0.591938	0.594255	0.533516	0.545844	0.597625	0.575038	0.556062	0.799073	0.567419	0.627008
0.753661	0.5535	0.485586	0.500498	0.667195	0.589164	0.576312	0.659814	0.5635	0.482987
0.660242	0.686672	0.721626	0.624998	0.725859	0.735447	0.63307	0.596061	0.481937	0.520195

0.613283	0.867105	0.826261	0.760364	0.557198	0.636123	0.794254	0.642778	0.638545	0.629343
0.674772	0.860255	0.659946	0.709114	0.621654	0.610498	0.641017	0.588273	0.772342	0.689516
0.805638	0.617715	0.605946	0.720874	0.596167	0.667633	0.66492	0.603991	0.586189	0.674539
0.735294	0.574103	0.630901	0.735008	0.878306	0.67632	0.596827	0.677546	0.50518	0.584873
0.685329	0.581193	0.634933	0.639579	0.830812	0.910053	0.65736	0.593212	0.545666	0.806028
0.831037	0.664465	0.619025	0.612436	0.642206	0.813431	0.702977	0.631006	0.630126	0.674539
0.689804	0.705294	0.602173	0.78845	0.758457	1.108534	0.875604	0.791165	0.638545	0.583467
0.655228	0.614616	0.651447	0.66415	0.80298	0.890941	0.751878	0.537972	0.585504	0.729881
0.798646	0.798293	0.677459	0.521322	0.711382	0.685184	0.582576	0.586173	0.69809	1.039375
0.763144	0.749309	0.728607	0.661543	0.708543	0.608242	0.674343	0.727738	0.624104	0.712526
0.664465	0.744076	0.942461	0.74121	0.751114	0.828115	0.799998	0.744504	0.669782	0.57997
0.819969	0.746162	0.680147	0.659813	0.775723	0.748718	0.752915	0.917629	0.835631	0.775477
0.995648	0.799473	0.576642	0.772499	0.985257	0.667633	0.729681	0.973503	1.020969	0.929998
0.804465	0.757814	0.6874	0.683765	0.714239	0.731444	0.914455	0.877589	0.786234	0.892662
0.769584	0.904578	0.758782	0.710082	0.898276	0.951001	0.911455	0.615044	0.584821	0.744894
0.885364	0.910641	0.831325	0.846741	0.663779	0.635323	0.845047	0.721018	0.650295	0.88416
0.934637	0.706246	0.909225	1.411189	0.641397	0.648289	1.09469	1.117646	0.751803	0.756242
0.717672	0.606963	0.549856	0.712025	0.718078	0.882396	0.827447	0.818901	0.934993	0.814312
0.688906	0.620836	0.596203	0.872721	1.007203	0.967839	0.763418	0.666484	0.985199	0.803689
1.004842	0.974667	0.891316	1.080066	0.783498	0.867154	0.779664	0.674112	0.803964	0.895534
0.792904	0.913704	0.980243	0.689271	0.838376	1.197821	0.86339	0.729677	0.736043	0.775477
0.692512	0.669692	0.779754	0.700499	0.839649	0.946074	1.092417	0.869469	0.778699	0.601386
0.780532	0.711039	0.826261	0.868514	0.822151	0.709116	0.610814	0.737522	0.863257	0.627008
0.997471	0.703395	0.771909	0.80986	0.936393	0.806272	0.586095	0.702373	0.739929	0.960688
1.267341	0.978219	0.731633	0.83238	1.239788	1.132945	0.915963	0.708808	0.915552	0.716323
0.751581	0.764303	0.751304	0.937981	0.735785	0.600805	0.934478	0.823701	0.717115	0.69766
0.872843	1.043528	0.756633	0.784982	0.657865	0.663354	0.763418	0.667325	0.830791	0.690414
0.833535	0.868488	0.646427	0.585434	0.636576	0.590602	0.572871	0.691558	0.650295	0.721117
0.812744	0.640871	0.671248	0.764737	0.856554	0.962718	0.749813	0.861498	0.845475	0.878582
0.777219	0.671449	0.670368	0.820974	0.811263	0.981795	1.202846	0.690669	0.637773	0.995523
0.885364	0.821282	0.921588	0.806218	0.642206	0.800394	0.96046	0.582695	0.655085	0.771128
0.947473	0.682139	0.65229	0.63061	0.707601	0.692408	0.769844	0.714401	0.803964	0.686836
0.809177	0.641692	0.815078	0.949598	0.737798	0.954316	1.279392	1.062011	0.802835	0.612504
0.807994	0.749309	0.694776	0.713976	0.830812	0.85507	0.774181	0.759854	0.827197	0.658388
0.701662	0.947249	0.660805	0.465469	0.658705	0.818271	0.632283	0.722928	0.759902	0.745913
0.714804	0.794771	0.65229	0.576794	0.656189	0.688781	0.794254	0.776849	0.667298	0.640409
0.660242	0.762129	0.992989	0.749618	0.794852	0.849805	0.770924	0.711596	0.770244	0.65341
0.675642	0.80903	0.84953	0.840154	0.786873	0.644196	0.579781	0.721018	0.677321	0.59485
0.929919	1.058286	0.698512	0.988274	1.009083	0.761339	0.855433	0.885864	0.853007	0.775477
0.839844	0.818803	0.751304	0.739133	0.870021	0.744591	0.774181	0.777934	0.796118	1.017849
0.667019	0.894167	0.70228	0.837548	1.150325	0.957658	0.80935	0.688896	0.684993	0.817911
0.756799	0.883999	0.665995	0.753885	0.849974	0.849805	0.732642	0.731625	0.695439	0.792184
0.815139	0.6636	0.659946	0.956379	0.786873	0.68429	0.841215	0.736533	0.748804	0.828892
0.76208	0.674097	0.547863	0.758193	0.861891	0.761339	0.698377	0.612811	0.851743	0.684171
0.928358	0.749309	0.675675	0.970266	0.923828	0.817056	0.645855	0.62562	0.845475	0.668518
0.839844	0.722764	0.647259	0.711052	0.671503	0.726491	0.692017	0.569057	0.673954	0.875821
0.627858	0.82628	0.764204	0.564841	0.660389	1.059221	0.898205	0.833463	0.697204	0.867638

0.641327	0.706246	0.707036	0.563456	0.665484	0.801563	0.731652	0.791165	0.761951	0.648489
0.75996	0.674983	0.797057	0.758193	0.871391	0.763478	0.488411	0.613554	0.728372	0.57997
0.815139	0.735834	0.832601	0.904884	0.712332	0.621185	0.512786	0.605449	0.646343	0.771128
0.769584	0.637603	0.634933	0.689271	0.682909	0.671087	0.602662	0.663136	0.892762	1.014048
0.756799	0.707201	0.563386	0.693914	0.773527	0.913069	0.719954	0.642778	0.643207	0.615517
0.704445	0.9818	0.6874	0.79547	0.746974	0.641758	1.006307	0.781204	0.656694	0.745913
0.675642	0.974667	0.677459	0.638756	0.668053	0.585589	0.778562	0.76615	0.650295	0.811929
0.904113	0.698685	0.593249	0.673847	0.722924	0.678079	0.729681	0.835938	0.904008	0.88839
0.870109	0.63679	0.596203	0.66328	0.907123	0.754982	0.694731	0.827336	0.785149	0.716323
0.617833	0.805422	0.600673	0.704307	0.577638	0.81223	0.688424	0.645171	0.731233	0.813119
0.780532	0.919897	0.86992	0.722865	0.617811	0.687879	0.786337	0.7405	0.82959	0.79905
0.876977	0.828802	0.800602	0.824743	0.7239	0.843312	0.859393	0.783398	0.914092	0.828892
0.618596	0.575511	0.717688	0.853429	0.902677	0.872635	0.642623	0.603991	0.737011	0.821541
0.674772	0.616162	0.621374	0.699552	0.808881	0.721595	0.550167	0.711596	0.712509	0.705029
1.154194	1.096363	0.83774	0.596482	0.710433	0.608242	0.766619	0.817709	0.668952	0.646049
0.754705	0.797116	0.920023	0.609352	0.772433	0.787737	0.770924	0.742497	0.713426	0.681523
0.659402	0.845556	0.904678	0.889969	0.667195	0.754982	0.698377	0.696932	0.613763	0.602119
0.75785	0.81024	0.667739	0.84807	0.6928	0.615809	0.898205	0.69245	0.77657	0.647674
0.716714	0.742001	0.566835	0.746446	0.68648	0.729456	0.765549	0.583388	0.620382	0.71442
0.61936	0.667071	0.612051	0.584708	0.791414	0.738474	0.676948	0.701462	0.610853	0.802525
0.824853	1.037354	0.790053	0.725869	0.801809	0.621958	0.702053	0.704202	0.73315	0.732843
0.816342	0.680339	0.876936	0.882699	0.658705	0.597133	0.707627	0.598928	0.523763	0.845259
0.858014	0.639234	0.750246	0.782686	0.64059	0.85507	0.896758	0.980372	0.762979	0.650123
0.650271	0.526837	0.620589	0.936346	0.750075	0.852429	0.781877	0.808291	0.770244	0.538164
0.771751	0.632746	0.754493	0.90337	0.674109	0.800394	0.627592	0.522623	0.766078	0.658388
0.723467	0.754605	0.684666	0.739133	0.542797	1.032514	0.891015	0.772538	0.961804	0.870349
0.665315	0.756741	0.797057	0.681944	0.656189	0.800394	0.794254	0.669858	0.689315	0.743877
0.591938	0.583343	0.656526	0.652963	0.782378	0.734443	0.593939	0.728707	0.551319	0.561558
0.561433	0.644992	0.80179	0.74121	0.682021	0.519045	0.73963	0.726772	0.595887	0.688621
0.929919	0.784376	0.543903	0.583258	0.748005	0.737462	0.642623	0.776849	0.728372	0.766823
0.698896	0.842936	0.54456	0.529556	0.617811	0.835647	0.631498	0.611328	0.64087	0.663424
0.577806	0.779835	0.707994	0.677427	0.719043	0.584167	0.720917	0.612069	0.526143	0.705959
0.611025	0.904578	0.900178	0.984612	0.85523	0.604507	0.686639	0.638819	0.558972	0.618552
0.78499	0.703395	0.691073	0.712999	0.759517	0.651592	0.72479	0.749561	0.771292	0.765753
1.039654	0.752478	0.654827	0.88126	1.096434	0.919165	0.801156	0.808291	0.96018	0.88416
0.68622	0.725745	0.707036	0.856133	0.751114	0.914585	0.810533	0.648383	0.734112	1.051582
0.979573	0.883999	0.91691	0.853429	0.680251	0.772144	0.715171	0.633335	0.735077	0.88416
0.698896	0.660157	0.711846	0.687428	0.614001	0.600805	0.816499	0.780111	0.850482	0.645239
0.58765	0.571998	0.754493	0.941268	0.711382	0.602282	0.837417	0.652431	0.684993	0.603587
0.737297	0.705294	0.689233	0.727884	0.650377	0.771051	0.659866	0.800215	0.942708	0.739832
0.805638	0.718821	0.84425	0.624998	0.709487	0.85507	0.603396	0.755708	0.891376	0.823977
0.772839	0.655891	0.647259	0.616323	0.608723	0.888074	0.65736	0.711596	0.633933	0.732843
0.618596	0.600189	0.694776	0.616323	0.662081	0.951001	0.876983	0.694237	0.59729	0.601386
0.650271	0.724749	0.718669	0.669412	0.736791	0.711012	0.672614	0.74551	0.707045	0.648489
0.817547	0.658446	0.539979	0.742252	0.806511	0.670221	0.64748	0.808291	0.941154	0.984776
0.591938	0.634359	0.591047	0.631418	0.771342	0.799228	0.831159	0.935987	0.765043	0.797898
0.583404	0.797116	0.699451	0.671181	0.80298	0.696066	0.702053	0.772538	0.582777	0.667665

0.601377	0.718821	0.726601	0.680132	0.707601	0.609745	0.641017	0.731625	0.608683	0.686836
0.665315	0.599443	0.564762	0.909461	0.615521	0.62351	0.653216	0.735547	0.796118	0.710639
0.908557	0.708157	0.582346	0.678327	0.718078	0.787737	0.686639	0.568386	0.773395	0.786543
1.014235	0.919897	0.66949	0.895874	0.817278	0.910053	0.829918	0.560416	0.560907	0.706891
0.852744	0.811453	0.723609	0.826007	0.716154	0.636923	0.87423	0.770398	0.757863	0.86629
0.934637	0.661875	0.826261	0.654666	0.613243	0.723547	0.905516	0.84345	0.802835	0.721117
0.874217	0.704343	0.820013	0.820974	0.856554	0.863088	0.740638	0.694237	0.826005	0.674539
0.804465	0.681238	0.671248	0.937981	0.898276	0.962718	0.735623	0.599647	0.736043	0.600655
0.844958	0.749309	0.619025	0.691123	0.639784	0.75921	0.774181	0.596061	0.79723	0.745913
0.599911	0.791279	0.69664	0.59425	0.602769	0.784348	0.855433	0.652431	0.735077	0.642817
0.585522	0.693099	0.791212	0.673847	0.66463	0.639334	0.63782	0.866796	0.695439	0.608023
0.791764	0.684853	0.944109	0.770267	0.983477	0.893827	0.747757	0.749561	0.708859	0.758338
0.843674	0.633552	0.777498	0.838849	0.688276	0.769961	0.707627	0.706039	0.790599	0.754157
0.75262	0.856197	0.639003	0.563456	0.701064	0.711964	0.579781	0.73065	0.8818	0.746935
0.617833	0.736855	0.656526	0.634664	0.813659	0.752884	0.589643	0.642778	0.610853	0.629343
0.556772	0.719803	0.713784	0.759277	0.93799	0.70441	0.746733	0.711596	0.568075	0.741849
0.562774	0.803032	0.754493	0.748558	0.668053	0.615046	0.727718	0.683621	0.801708	1.077076
0.864692	0.719803	0.527781	0.66328	0.773527	0.645829	0.603396	0.818901	0.818923	0.770048
0.81394	0.764303	0.543246	0.642886	0.839649	0.961025	0.752915	0.697834	0.70165	0.690414
0.79634	0.836454	0.62216	0.713976	0.564582	0.780985	0.818908	0.618792	0.615958	0.695837
0.81394	0.742001	0.550523	0.679228	0.601293	0.610498	0.674343	0.583388	0.655889	0.698574
0.767426	0.502312	0.491951	0.819725	0.773527	0.666774	0.829918	0.687131	0.754822	0.807201
0.819969	0.567126	0.651447	0.738098	0.891038	0.835647	0.841215	0.73065	0.674793	0.763622
0.782756	0.748257	0.80778	0.800214	0.719043	1.137996	0.790843	0.654878	0.839296	0.855647
0.867392	0.950583	0.825004	0.864348	0.632599	0.769961	0.628371	0.693342	0.813109	0.832614
0.660242	0.665332	0.585227	0.718892	0.646272	0.919165	0.886758	0.802507	0.799464	0.727918
0.59918	0.590587	0.662528	0.80986	0.681135	0.928473	0.790843	0.557138	0.679864	0.66258
0.712902	0.82628	0.950764	0.694849	0.750075	0.784348	0.586802	0.57175	0.847971	0.766823
1.014235	1.017385	0.900178	0.796651	0.77793	0.817056	0.779664	0.64119	0.670613	0.681523
0.726394	0.803032	0.910751	0.732961	0.760578	0.926908	0.829918	0.884474	0.718971	0.619314
0.558098	0.716862	0.871314	0.783833	0.804154	0.780985	0.925122	0.785603	0.826005	0.63484
0.55216	0.764303	0.673014	0.703352	1.038304	0.621185	0.640215	0.869469	1.017256	0.78879
0.928358	0.952259	0.710879	0.748558	0.740835	0.628983	0.688424	0.694237	0.673117	0.753118
0.695237	0.835169	0.773021	0.678327	0.704787	0.774337	0.862053	0.812975	0.611578	0.802525
0.679139	1.087098	0.795882	0.642057	0.800642	0.763478	0.736621	0.818901	0.666473	0.708761
0.88962	0.871268	0.901673	0.80986	0.65203	0.606744	0.827447	0.955156	0.842993	0.716323
0.970893	0.81389	0.748138	0.887046	0.638177	0.640948	0.860721	0.728707	0.633933	0.64121
0.792904	0.710077	0.616688	0.840154	0.718078	0.773239	0.829918	0.721018	0.668952	0.901335
0.872843	0.762129	0.627702	0.747501	0.861891	0.765628	0.72674	0.73065	0.72177	0.744894
0.768504	0.849516	0.857571	0.897363	0.715195	0.724526	0.896758	0.814154	0.777633	0.950761
0.846246	0.67057	0.836449	0.783833	0.636576	0.806272	0.860721	0.779021	0.753814	0.819118
0.75996	0.6636	0.699451	0.754958	0.85523	0.811032	0.62915	0.660642	0.839296	0.64121
0.780532	0.710077	0.767489	0.816	0.790274	0.765628	0.630714	0.698738	0.687581	0.833862
0.926802	0.785519	0.709916	0.728894	0.623201	0.820711	0.69292	0.707883	0.784068	0.704101
0.717672	0.81634	0.901673	0.530837	0.667195	0.860399	0.81291	0.74551	0.787321	0.562896
0.661083	0.680339	0.791212	0.727884	0.80298	0.685184	0.730665	0.762991	0.709768	0.576501
0.771751	0.641692	0.901673	0.884143	0.842207	0.718683	0.794254	0.781204	0.730277	0.819118

0.75785	0.723756	0.685576	0.738098	0.827079	0.679844	0.649111	0.810627	0.884514	0.76256
0.862008	0.860255	0.630099	0.746446	0.913124	0.753932	0.655698	0.684496	0.673954	0.612504
0.917584	0.939024	0.665995	0.695786	0.691892	0.694233	0.641017	0.667325	0.562202	0.727918
0.648631	0.768685	0.648094	0.838849	0.644641	0.642569	0.713273	0.606179	0.592398	0.606539
0.579199	0.846872	0.732646	0.690196	0.794852	0.612009	0.632283	0.687131	0.69809	0.752081
0.662771	0.708157	0.59178	0.693914	0.807694	0.556004	0.69292	0.840931	0.782988	0.789919
1.062388	0.736855	0.681949	0.963267	0.786873	0.610498	0.59466	0.800215	0.649502	0.837628
0.848834	0.835169	0.812632	0.895874	0.665484	0.976509	0.805819	0.595347	0.737982	0.837628
0.945848	0.913704	0.774136	0.707185	0.724878	0.807457	0.814103	0.523227	0.601527	0.671948
0.822404	0.680339	0.599925	0.89439	0.837106	0.868518	0.986317	0.744504	0.665649	0.648489
0.792904	0.606963	0.648094	0.949598	0.825842	0.735447	0.619885	0.502006	0.6575	0.671088
0.754705	0.724749	0.708954	0.633038	0.657026	0.806272	0.661544	0.62792	0.706141	0.937867
1.062388	0.927764	0.886951	0.764737	0.752156	0.670221	0.682207	0.666484	0.82959	0.785424
0.717672	0.638418	0.821255	0.887046	0.679368	0.70817	0.749813	0.721018	0.971677	0.895534
0.623975	0.657592	0.856221	0.852083	0.687377	0.778758	0.883942	0.764041	0.842993	0.77987
0.758904	0.821282	0.785446	0.731941	0.874143	0.694233	0.674343	0.734563	1.032301	0.711582
0.75996	0.806621	0.764204	0.629804	0.82832	0.645011	0.683974	0.748545	0.784068	0.854335
0.761019	0.722764	0.926317	0.779263	0.675855	0.807457	0.909963	0.847255	0.719902	0.775477
0.641327	0.734814	1.011871	0.786135	0.660389	0.799228	0.646667	0.785603	0.737011	0.626232
0.661083	0.653351	0.707994	0.730923	0.819708	0.574344	0.586802	0.747531	0.683277	0.703175
0.783872	0.927764	0.661666	0.629804	0.724878	0.559342	0.544993	0.717225	0.762979	0.778767
0.685329	0.745118	0.691073	0.597976	0.637376	0.538407	0.621416	0.626385	0.611578	0.685057
0.63892	0.878295	0.785446	0.709114	0.837106	0.705347	0.888172	0.642778	0.636233	0.694022
0.621661	0.882566	0.753428	0.679228	0.856554	0.856396	0.855433	0.865466	0.748804	0.67281
0.680899	0.854852	0.785446	0.929869	0.696453	0.719651	0.816499	0.971803	0.744837	0.685057
0.822404	0.854852	0.609752	0.705264	0.662929	0.910053	0.932904	0.62562	0.722707	0.833862
0.673037	0.701505	0.575934	0.733983	0.682021	0.634526	0.737622	0.63646	0.824817	0.737823
0.860673	0.706246	0.575227	0.749618	0.741852	0.612009	0.784101	0.743499	0.662371	0.828892
0.782756	0.746162	0.856221	0.622615	0.588231	0.749756	1.177295	0.777934	0.766078	0.797898
0.851437	0.725745	0.815078	0.633038	0.651202	0.750796	0.901115	0.765094	0.782988	0.651764
0.81394	0.73076	0.698512	0.831098	0.769167	0.711012	0.692017	0.662303	0.678167	0.705959
0.965767	0.81389	0.719653	0.747501	0.553883	0.560685	0.546926	0.538598	0.655889	0.819118
0.670448	0.856197	0.865765	0.617888	0.583256	0.722569	0.751878	0.579245	0.684993	0.856963
0.618596	0.5706	0.615912	0.609352	0.807694	0.639334	0.700211	0.672405	0.745825	0.594129
0.575725	0.530002	0.704176	0.634664	0.724878	0.701611	0.709501	0.831002	0.781912	0.564237
0.75996	0.657592	0.742913	0.864348	0.7532	0.652422	0.713273	0.573781	0.683277	0.736823
0.601377	0.811453	0.78316	0.558644	0.616283	0.954316	0.84762	0.669858	0.738955	0.738826
0.641327	0.754605	0.670368	0.616323	0.691892	0.757091	0.721882	0.970109	0.782988	0.511184
0.633354	0.627147	0.634124	0.651267	0.748005	0.572958	0.666618	0.838428	0.779767	0.632476
0.738302	0.783236	0.898688	0.623408	0.609473	0.615809	0.563378	0.679273	0.747809	0.703175
0.750545	0.858898	0.626112	0.532122	0.678487	0.754982	0.63307	0.790047	0.873756	0.79905
0.726394	0.832611	0.659088	0.705264	0.759517	0.666774	0.804649	0.772538	0.653483	0.76256
0.665315	0.666201	0.755562	0.808643	0.7532	0.573651	0.725764	0.723886	0.655085	0.755198
0.617071	0.769787	0.882631	1.151503	0.876914	0.583458	0.546281	0.618039	0.688447	0.774386
0.764211	0.729753	0.593249	0.759277	0.710433	0.65492	0.697462	0.71534	0.760926	0.809559
0.838575	0.73076	0.550523	0.677427	0.808881	0.762407	0.784101	0.768269	0.632406	0.615517
0.634145	0.680339	0.806575	0.758193	0.63023	0.685184	0.723819	0.574461	0.683277	0.628563

0.841117	0.955632	1.092196	0.780401	0.638177	0.681617	0.715171	0.71534	0.864556	0.727918
0.823627	0.704343	0.70228	0.771381	0.69008	0.627412	0.886758	0.926711	0.856823	0.76256
0.925252	0.551493	0.519008	0.867121	0.914637	0.666774	0.862053	0.808291	0.570051	0.679766
0.658564	0.580479	0.626906	0.597228	0.661234	0.724526	0.633858	0.598209	0.635465	0.862268
0.777219	0.823774	0.85086	0.576794	0.497588	0.700682	0.659029	0.705119	0.618903	0.683286
0.886778	0.784376	0.748138	0.970266	0.581141	0.624287	0.788584	0.856265	0.781912	0.642817
0.734296	0.671449	0.753428	1.227377	0.751114	0.753932	0.955469	0.631006	0.808513	0.678017
0.699816	1.015437	0.841634	0.878395	1.007203	0.768874	0.654042	0.561074	0.760926	0.895534
1.051907	1.167418	0.875523	0.764737	0.783498	0.718683	0.685749	0.649189	0.751803	0.77987
0.931486	0.794771	0.731633	0.729907	0.634186	0.780985	0.790843	0.772538	0.924417	0.735824
0.623975	0.655043	0.80179	0.762545	0.756347	1.040558	1.031183	0.820096	0.851743	0.637218
0.58765	0.655043	0.766392	0.621033	0.645456	0.788873	0.649929	0.654061	0.827197	0.694929
0.76208	0.858898	0.85086	0.602491	0.769167	0.691499	0.822547	0.724846	0.737011	0.754157
0.911545	0.868488	0.84953	0.692051	0.738808	0.845897	0.761297	0.739505	0.928918	0.659223
0.834789	0.733797	0.85086	0.688349	0.705723	1.016859	1.037132	0.914643	0.838071	0.622375
0.662771	0.735834	0.931097	0.909461	0.675855	0.679844	0.741648	0.71534	0.748804	0.665964
0.794046	0.685762	0.721626	0.760364	0.773527	0.57643	0.674343	0.658162	0.820096	0.695837
0.888197	0.777582	0.69664	0.666773	0.657026	0.665061	0.66492	0.741498	0.656694	0.823977
0.737297	0.755672	0.643112	0.637934	0.636576	0.696066	0.793114	0.738512	0.619642	0.669373
0.627079	0.740967	0.835162	0.869912	0.748005	1.052911	0.84762	0.783398	0.738955	0.56491
0.697979	0.721775	0.644766	0.74121	0.793703	0.649113	0.67521	0.907268	0.936525	0.680644
0.652742	0.719803	0.623736	0.601735	0.576941	0.547442	0.676078	0.720067	0.734112	0.79105
0.536077	0.644992	0.641464	0.619458	0.725859	0.668494	0.866074	0.937553	0.658309	0.813119
0.672172	0.978219	0.775254	0.849404	0.983477	0.739487	0.717078	0.791165	0.601527	0.691313
0.7333	0.948913	0.882631	1.030735	0.754246	0.754982	0.796542	0.958435	0.79723	0.766823
0.860673	0.675871	0.660805	0.841464	0.631019	0.581338	0.744692	0.744504	0.800584	0.835114
0.664465	0.727744	0.586675	0.782686	0.678487	0.634526	0.803481	0.768269	0.77657	0.709699
0.771751	0.921459	0.662528	0.906405	0.896818	0.68429	0.718993	0.71817	0.678167	0.774386
0.739309	0.927764	0.741875	0.66241	0.584671	0.617338	0.672614	0.7823	0.711593	0.923805
0.896806	0.776459	0.764204	0.770267	0.574857	0.714831	0.820118	0.752623	0.745825	0.784307
0.842394	0.651666	0.639822	0.693914	0.727826	0.778758	0.823767	0.594634	0.663189	0.685057
0.818757	0.759966	0.653134	1.156892	1.160885	1.02072	0.810533	0.694237	0.683277	0.612504
0.761019	0.840331	0.742913	0.993826	0.755295	0.612009	0.737622	0.698738	0.706141	0.875821
0.736294	0.708157	0.927904	0.761453	0.578337	0.664207	0.748784	0.807128	0.76401	0.740839
0.811552	0.627943	0.701335	0.721868	0.838376	0.895277	0.680447	0.596776	0.950563	0.76897
0.817547	0.602435	0.611283	0.868514	0.911616	0.803911	0.753954	0.546174	0.781912	0.815508
0.934637	0.81634	0.599925	0.676529	0.573473	0.690591	0.780769	0.573103	0.662371	1.059914
0.804465	0.827539	0.846882	0.581813	0.610977	0.872635	1.006307	0.7823	0.735077	0.860936
0.807994	0.635978	0.816307	0.621033	0.7532	0.835647	0.793114	0.808291	0.899756	0.610258
0.846246	0.654196	0.758782	0.786135	0.838376	1.007354	0.714221	0.709736	0.777633	0.671948
0.911545	0.73177	0.658233	0.808643	0.782378	0.68429	0.558045	0.443937	0.70165	0.694022
0.665315	0.691253	0.699451	0.624202	0.633392	0.767789	0.61836	0.497998	0.799464	0.835114
0.731316	0.744076	0.91691	0.673847	0.6928	0.625847	0.759186	0.7405	0.780838	0.645239
0.789495	0.616162	0.775254	0.713976	0.732784	0.70441	0.674343	0.749561	0.777633	0.707825
0.847538	0.701505	0.875523	0.861592	0.84867	0.851115	0.727718	0.614298	0.737011	0.713472
0.863348	0.959032	0.754493	0.733983	0.623201	0.831865	0.898205	0.803658	0.884514	0.79446
0.705376	0.99643	0.935931	0.650422	0.619344	0.765628	0.785218	0.699644	0.724587	0.623144

0.612529	0.732782	0.722617	0.642057	0.813659	0.696066	0.709501	0.731625	0.71068	0.580667
0.665315	0.734814	0.853532	0.704307	0.714239	0.701611	0.661544	0.708808	0.899756	0.763622
0.755751	0.722764	0.677459	0.634664	0.59182	0.742542	0.713273	0.706039	0.971677	1.025554
0.63812	0.91217	0.627702	0.553884	0.675855	0.853747	0.785218	0.700552	0.722707	0.796749
0.700738	0.777582	0.78316	0.814765	0.711382	0.664207	0.751878	1.037642	0.65109	0.620077
0.701662	0.825025	0.901673	0.762545	0.698292	0.616573	0.745711	0.842189	0.593094	0.66258
0.70631	0.798293	0.722617	0.661543	0.749039	0.662503	0.718035	0.866796	0.696321	0.78879
0.698896	1.056147	0.653134	0.74121	0.972949	0.85507	0.774181	0.869469	0.753814	0.655063
0.646997	0.799473	0.659088	0.747501	0.790274	0.671955	0.787459	0.824909	0.722707	0.809559
0.620893	0.806621	0.845564	0.817238	0.727826	0.645011	0.875604	0.80136	0.734112	0.828892
0.648631	0.743037	0.67213	0.555917	0.719043	0.748718	0.704831	0.767208	0.789504	0.991911
0.810363	0.673212	0.49782	0.655519	0.86055	0.645829	0.729681	0.922146	0.835631	0.678017
0.910049	0.710077	0.624527	0.703352	0.741852	0.612009	0.770924	0.731625	0.64713	0.76897
0.727374	0.768685	0.784301	0.984612	0.750075	0.634526	0.68309	0.816521	0.863257	0.700409
0.696149	0.888328	0.758782	0.889969	0.719043	0.57643	0.776366	0.74551	0.792798	0.708761
0.718633	0.677653	0.637371	0.719882	0.7239	0.657433	0.860721	0.805969	0.688447	0.693117
0.844958	0.654196	0.700392	0.747501	0.814862	0.690591	0.882541	0.686251	0.654283	0.88839
0.794046	0.766488	0.815078	0.90793	0.695537	0.719651	0.641017	0.52565	0.623357	0.718234
1.025782	0.972901	0.924735	0.775868	0.674981	0.636923	0.691116	0.689782	0.796118	0.712526
0.848834	1.009647	0.715732	0.83238	0.682909	0.70441	0.998931	0.901456	0.973344	0.843978
0.694327	0.602435	0.786593	1.103396	0.752156	0.678079	0.770924	0.698738	0.687581	0.873076
0.745402	0.5706	0.786593	0.696724	0.696453	0.962718	0.702053	0.576505	0.593094	0.604323
0.848834	0.750363	0.878352	0.682854	0.436023	0.594218	0.736621	0.579245	0.689315	0.551657
0.767426	0.747208	0.656526	0.875549	0.610225	0.634526	0.791977	0.757776	0.730277	0.541977
0.747452	0.688499	0.639003	0.776997	0.867294	0.809837	1.000763	0.759854	0.633169	0.695837
0.607289	0.6593	0.69664	0.611663	0.840926	0.994386	0.704831	0.643574	0.666473	0.777668
0.740319	0.853512	0.983847	0.729907	0.610225	0.81223	0.660704	0.528086	0.600818	0.604323
0.847538	0.795942	0.860285	0.80986	0.641397	0.763478	0.786337	0.783398	0.740907	0.608023
0.611025	0.707201	0.89425	0.698607	0.726841	0.883809	0.860721	0.815336	0.735077	0.685057
0.699816	0.727744	0.747088	0.623408	0.683799	0.933203	0.601196	0.530537	0.855547	0.745913
0.952387	0.828802	0.651447	0.640403	0.856554	0.736453	0.641017	0.593212	0.689315	0.630906
0.962383	0.804225	0.634124	0.642886	0.705723	0.796905	0.859393	0.891469	0.798346	0.618552
0.607289	0.757814	0.861649	0.648736	0.708543	0.843312	0.81291	0.726772	0.728372	0.698574
0.691608	0.712005	0.750246	0.891438	0.779038	0.686081	0.649111	0.635677	0.831996	0.780975
0.730327	0.784376	0.73468	0.747501	0.744918	0.69332	0.769844	0.695134	0.6575	0.795603
0.75785	0.712005	0.808988	0.622615	0.718078	0.828115	0.837417	0.781204	0.673117	0.763622
0.642133	0.722764	0.812632	0.607818	0.811263	0.879585	0.814103	0.774688	0.708859	0.628563
0.696149	0.818803	0.724604	0.733983	0.7532	0.766708	0.65157	0.923663	0.792798	0.669373
0.747452	1.002045	0.634933	0.74121	0.737798	0.647468	0.623722	0.840931	0.831996	0.836369
1.023837	1.045606	0.792375	0.697665	0.786873	0.753932	0.642623	0.851093	0.691056	0.952399
0.728356	0.776459	0.897204	0.670296	1.005331	1.011131	0.876983	0.911678	0.661556	0.708761
0.673037	0.950583	0.724604	0.647896	0.72001	0.801563	0.81172	0.747531	0.572036	0.613255
0.68622	0.726744	0.798236	0.721868	0.617046	0.498757	0.663229	0.947066	0.801708	0.732843
0.799803	0.691253	0.673899	0.790778	0.724878	0.533327	0.660704	0.791165	0.709768	0.731853
0.855371	0.8927	0.792375	0.750681	0.863235	0.758149	0.837417	0.602538	0.695439	0.792184
0.76208	0.989053	1.060848	0.736036	0.832063	0.840742	0.774181	0.63646	0.653483	0.696748
0.656893	0.748257	0.707994	0.769155	0.725859	0.701611	0.722849	0.784499	0.666473	0.727918

0.809177	0.852176	0.681047	0.799023	0.679368	0.75921	0.795396	0.743499	0.691056	0.855647
0.832284	0.82628	0.580913	0.793118	0.749039	0.814636	0.841215	0.688896	0.738955	0.79905
0.768504	1.04146	0.742913	0.812306	0.851282	0.771051	0.831159	0.775768	0.717115	0.683286
0.798646	0.900085	0.752365	0.791946	0.637376	0.618105	0.799998	0.894299	0.752807	0.739832
1.018051	0.75354	0.639822	0.83238	0.697371	0.69332	0.735623	0.764041	0.820096	0.815508
0.983094	0.81634	0.625318	0.710082	0.7532	0.733441	0.942432	0.609851	0.737982	0.792184
0.727374	0.857546	0.692921	0.834956	0.893918	0.793445	0.838679	0.7405	0.642426	0.683286
0.660242	0.868488	0.8812	0.83238	0.76271	0.628983	0.754995	0.743499	0.676477	0.88416
0.809177	0.642515	0.867146	0.766941	0.600557	0.751839	0.839945	0.865466	0.818923	0.718234
0.832284	0.633552	0.560646	0.669412	0.631808	0.713873	0.908475	0.743499	0.849225	0.674539
0.749512	0.597954	0.643112	0.811081	0.936393	0.787737	0.804649	0.685372	0.735077	0.776571
0.831037	0.674097	0.707036	0.780401	0.861891	0.792297	0.826217	0.758814	0.944268	0.891234
0.755751	0.82628	0.831325	0.597228	0.498169	0.709116	0.828681	0.681007	0.791697	0.807201
0.616311	0.630338	0.746041	0.585434	0.528858	0.499925	0.564049	0.588975	0.790599	0.482431
0.56412	0.55016	0.874116	0.956379	0.910113	0.806272	0.633858	0.674968	0.806233	0.704101
0.716714	0.601685	0.673899	1.049377	0.902677	0.916107	0.718035	0.563719	0.909742	0.88416
0.809177	0.743037	0.671248	0.693914	0.649553	0.955984	0.816499	0.612069	0.762979	0.665115
0.670448	0.787814	0.874116	0.691123	0.690985	0.807457	0.784101	0.663971	0.587561	0.577192
0.740319	0.6593	0.846882	0.793118	0.728813	0.659117	0.599006	0.672405	0.707045	0.523852
0.85669	0.73788	0.776375	0.793118	0.816069	0.709116	0.710441	0.716282	0.699866	0.656723
0.795191	0.718821	0.651447	0.516332	0.652858	0.840742	0.674343	0.539851	0.823632	0.875821
0.625524	0.719803	0.577351	0.491033	0.570717	0.748718	0.899658	0.721018	0.707951	0.558233
0.688009	0.726744	0.688316	0.756034	0.738808	0.687879	0.718993	0.91913	0.633169	0.488031
0.589789	0.634359	0.764204	0.691123	0.804154	0.655757	0.527355	0.635677	0.619642	0.663424
0.846246	0.67233	0.695707	0.673847	0.574857	0.639334	0.586802	0.689782	0.713426	0.804857
0.772839	0.799473	0.692921	0.537298	0.616283	0.859061	0.782988	0.596776	0.692804	0.548406
0.541159	0.703395	0.645596	0.564841	0.633392	0.782103	0.950534	0.818901	0.668124	0.581365
0.535446	0.67057	0.756633	0.609352	0.754246	0.774337	0.703903	0.828555	0.690185	0.650943
0.692512	0.751419	0.856221	0.80501	0.745944	0.718683	0.583277	0.742497	0.712509	0.756242
0.922169	0.862982	0.58595	0.524471	0.671503	0.97302	0.705761	0.74652	0.802835	0.820327
0.724441	0.879714	0.582346	0.527006	0.607975	0.81223	0.80817	0.7405	0.664828	0.623914
0.578502	0.861617	0.724604	0.649578	0.736791	0.600805	0.757086	0.733582	0.59729	0.683286
0.676514	0.846872	0.811414	0.738098	0.69008	0.659961	0.661544	0.693342	0.717115	0.718234
0.525472	0.77534	0.639003	0.658091	0.733782	0.69883	0.67521	0.800215	0.739929	0.797898
0.688906	0.73788	0.55119	0.621033	0.750075	0.750796	0.66492	0.714401	0.736043	0.69766
0.709123	0.79244	0.626112	0.722865	0.790274	0.754982	0.684861	0.605449	0.681567	0.708761
0.652742	0.857546	0.701335	0.869912	0.709487	0.595673	0.72674	0.641983	0.610853	0.727918
0.777219	0.655043	0.518388	0.637934	0.741852	0.622733	0.644236	0.860184	0.798346	0.71442
0.860673	0.685762	0.630901	0.696724	0.923828	0.77987	0.725764	0.729677	0.745825	0.661739
0.76208	0.715886	0.647259	0.824743	0.704787	0.69883	0.804649	0.639608	0.513792	0.671948
0.711954	0.910641	0.784301	0.973808	0.728813	0.736453	0.749813	0.711596	0.736043	0.752081
0.758904	0.801842	0.841634	0.794292	0.771342	0.620413	0.802317	0.923663	0.865858	0.868991
0.917584	0.674983	0.630099	0.838849	0.825842	0.696066	0.777463	0.842189	0.813109	0.722082
0.780532	0.746162	0.670368	0.753885	0.620112	0.638529	0.843766	0.645972	0.602238	0.803689
0.735294	0.736855	0.608988	0.716919	0.604992	0.761339	0.831159	0.62562	0.606524	0.771128
0.739309	0.815113	0.805374	0.660677	0.714239	0.601543	0.802317	0.680139	0.792798	0.738826
0.848834	0.49055	0.509193	0.787291	0.834577	0.728465	0.761297	0.864139	0.769199	0.774386

0.839844	0.464649	0.571711	0.711052	0.84737	0.934791	0.740638	0.632557	0.698977	1.161328
0.77393	0.690333	0.665995	0.772499	0.635778	0.869886	0.673478	0.612811	0.673954	0.842701
0.926802	0.742001	0.721626	0.733983	0.544087	0.609745	0.605608	0.686251	0.757863	0.690414
0.767426	0.778707	0.608988	0.714954	0.569346	0.603022	0.745711	0.669012	0.761951	0.777668
0.656893	0.64582	0.704176	0.915639	0.687377	0.648289	0.955469	0.659814	0.651886	0.740839
0.769584	0.803032	0.860285	0.888505	0.786873	0.922246	0.795396	0.723886	0.820096	0.851723
1.027737	0.88688	0.853532	0.811081	0.737798	0.834382	0.815299	0.757776	0.850482	0.758338
0.742345	0.81634	0.728607	0.672068	0.733782	0.790011	0.928218	0.748545	0.847971	0.638013
0.707245	0.606205	0.675675	0.887046	0.757401	0.768874	0.962137	0.815336	0.844232	0.803689
0.671309	0.613844	0.605946	0.796651	0.616283	0.871258	0.66492	0.598928	0.835631	1.025554
0.882551	0.818803	0.857571	0.714954	0.748005	0.859061	0.61684	0.573103	0.595187	0.846544
0.844958	0.909117	0.841634	0.680132	0.643016	0.747683	0.838679	0.750579	0.728372	0.67281
0.634937	0.667071	0.788897	0.845416	0.728813	0.796905	0.977526	0.834699	0.824817	0.633263
0.628639	0.620836	0.694776	0.637114	0.738808	1.074313	0.741648	0.682748	0.921442	0.92689
0.893917	0.788966	0.695707	0.526371	0.65203	0.823165	0.716124	0.783398	0.785149	0.66006
0.949105	0.679442	0.620589	0.592029	0.580438	0.594218	0.782988	1.020223	0.789504	0.486343
0.656893	0.617715	0.762027	0.743297	0.682909	0.888074	0.856749	0.839678	0.838071	0.685057
0.607289	0.73076	0.932702	0.834956	0.733782	0.831865	0.798843	0.788932	0.791697	0.621608
0.79634	0.82628	0.806575	0.608584	0.874143	0.847196	0.60932	0.747531	0.978385	0.731853
0.899714	0.797116	0.661666	0.592029	0.680251	0.892382	0.718993	0.870812	0.887246	0.907214
0.926802	0.653351	0.839034	0.646219	0.667195	0.916107	0.69292	0.894299	0.82959	0.725964
0.620126	0.755672	0.964388	0.702399	0.820928	0.852429	0.798843	0.774688	0.888618	0.566257
0.623202	0.864352	0.891316	0.719882	0.851282	0.632142	0.627592	0.688013	1.096083	0.730866
0.842394	0.957329	0.7708	0.718892	0.837106	0.703475	0.799998	0.753649	0.938063	0.830129
0.905589	0.822526	0.799417	0.564148	0.693711	0.696066	0.685749	1.024034	0.739929	0.715371
0.630205	0.692175	0.959228	0.715935	0.820928	0.911558	0.866074	0.870812	0.751803	0.5877
0.670448	0.706246	0.707036	0.711052	0.819708	0.70441	0.627592	0.686251	0.741886	0.639609
1.004842	0.947249	0.698512	0.816	0.920743	0.751839	0.788584	0.820096	0.835631	0.651764
0.712902	0.772	0.727603	0.672956	0.901205	0.859061	0.899658	0.951902	0.677321	0.833862
0.603584	0.88688	0.920023	0.728894	0.888176	0.835647	0.799998	0.937553	0.643989	0.704101
0.747452	0.927764	0.778625	0.731941	0.805331	0.671955	0.661544	0.866796	0.818923	0.763622
0.832284	0.923027	0.674786	0.840154	0.754246	0.621185	0.810533	1.059927	0.908301	0.718234
0.690705	0.80903	0.665126	0.750681	0.786873	0.683397	0.790843	0.733582	0.686717	0.801364
0.606546	0.772	0.614363	0.672068	1.036294	0.967839	0.94404	0.847255	0.76401	0.821541
0.775023	0.82628	0.712814	0.640403	0.701991	0.823165	0.836158	0.916134	0.608683	0.732843
0.984865	0.853512	0.89278	0.885593	0.641397	0.573651	0.769844	0.989113	0.627858	0.756242
1.016139	0.811453	0.786593	0.83625	0.824608	0.712917	0.67957	0.663971	0.574696	0.827658
0.755751	0.811453	0.619806	0.841464	0.834577	0.872635	0.803481	0.617289	0.673117	0.83137
0.952387	0.930952	0.541936	0.608584	0.760578	0.74665	0.756039	0.728707	0.709768	0.757289
0.88115	0.694025	0.641464	0.699552	0.550593	0.718683	1.163724	0.700552	0.607962	0.901335
0.913047	0.584062	0.828786	0.80501	0.607975	0.773239	1.043163	0.769332	0.72177	0.960688
0.779425	0.675871	0.709916	0.806218	0.757401	0.795749	0.893877	0.717225	0.958563	1.025554
0.972615	0.79012	0.736724	1.001339	0.808881	0.829361	0.794254	0.6203	0.762979	1.023615
0.901175	0.818803	0.720638	0.956379	0.842207	0.828115	0.975789	0.736533	0.697204	1.090407
0.831037	0.697749	0.84294	0.787291	0.791414	1.011131	0.977526	0.851093	0.627858	0.759389
0.888197	0.774224	0.779754	0.92033	0.773527	0.880988	0.72674	0.640398	0.849225	0.735824
0.957356	0.673212	0.659946	0.926666	0.806511	0.738474	0.842488	0.750579	0.988646	0.950761

0.945848	0.895639	0.857571	0.871315	0.813659	0.754982	0.898205	0.688896	0.704339	1.255933
0.756799	0.81757	0.944109	0.523839	0.764852	0.922246	0.915963	0.699644	0.711593	0.874446
0.831037	1.054018	0.915362	0.718892	0.849974	0.831865	0.58822	0.561074	0.814265	0.634051
1.064515	0.733797	0.852194	0.854779	0.969496	0.820711	0.690217	0.822496	0.961804	0.763622
0.860673	0.833888	0.816307	0.865732	0.579036	0.97302	0.925122	0.923663	1.245361	1.066271
0.662771	1.009647	0.969609	0.764737	0.844781	1.532293	1.155781	0.923663	1.298487	1.120776
0.74438	0.845556	0.973125	1.045164	0.96607	1.016859	1.07902	1.450897	1.160467	1.025554
0.724441	0.770892	1.033636	1.12805	1.005331	0.911558	0.832403	1.055789	1.157904	1.539229
0.879755	0.832611	1.113613	1.451998	1.269632	1.009238	0.901115	1.04161	1.339188	1.088156
0.859341	0.772	0.719653	0.682854	0.910113	1.646942	1.934983	1.445813	1.434201	1.097229
0.972615	1.037354	0.725601	0.779263	1.030318	1.005477	1.951058	0.980372	0.861963	1.029458
0.936221	1.049791	1.571459	1.382917	1.030318	0.818271	0.837417	1.083417	0.859385	1.066271
0.986644	0.998293	1.116059	0.995692	1.205895	1.158809	0.838679	1.640177	2.310519	1.707526
1.088627	1.204826	0.773021	1.205611	1.627342	1.940171	1.045192	1.24344	1.350983	0.990116
1.170213	1.153847	1.096865	0.988274	1.044392	0.791153	0.917476	1.269587	1.089485	1.283196
0.950743	2.202787	0.9967	1.441431	1.015433	0.913069	1.081224	1.407149	2.110412	2.833213
1.058165	1.417712	1.058693	0.869912	1.266213	1.042592	0.87423	1.48272	1.291479	1.26935
1.483155	1.153847	1.039766	1.227377	1.208269	1.341669	1.242628	1.523057	1.03808	1.183118
1.244161	1.337322	1.35536	1.540696	1.042353	1.189161	1.25235	0.926711	1.000932	1.200209
1.060272	1.346341	2.6617	1.347874	0.916155	0.876791	1.171816	0.99266	1.06405	1.224097
1.536633	1.528936	0.967861	2.035218	2.557544	1.061345	1.282894	2.481182	1.543401	1.399452
1.172942	0.782099	0.898688	1.093913	1.704152	2.141464	1.67985	1.237142	1.142836	1.014048
0.815139	0.87547	1.230464	1.274483	0.859214	1.228001	1.42759	0.80136	0.651886	0.925345
1.556031	1.909604	1.334584	1.343686	0.763779	0.778758	0.923582	0.968422	1.045907	0.923805
1.302761	0.967648	0.79471	1.193646	1.022475	0.825633	1.096976	1.334897	1.186963	1.049523
1.695127	0.987229	1.033636	1.521448	2.310339	1.416841	1.308231	0.885864	0.64087	1.051582
1.406478	1.432686	1.284805	1.055773	1.094137	1.593029	1.191304	0.780111	0.820096	1.905265
1.147031	1.276547	1.063014	0.865732	0.798317	0.834382	0.908475	0.792286	0.773395	0.969139
1.22833	0.994574	0.868531	1.047265	0.722924	0.699755	0.972335	1.0127	0.995624	0.891234
0.916066	0.87688	0.940819	1.462829	0.808881	0.760273	1.008171	1.397998	0.808513	0.850422
0.962383	0.980006	0.955823	0.986439	1.101066	0.996215	0.986317	0.777934	0.651886	0.902797
1.500259	1.103443	1.092196	0.84807	0.899738	1.036517	0.911455	0.821295	0.938063	0.920741
0.983094	0.811453	0.964388	0.975591	0.774623	0.869886	1.490856	1.293832	1.227002	0.933129
0.977823	0.906085	0.998568	1.253666	0.913124	0.869886	0.967206	0.741498	0.780838	0.969139
1.16213	0.959032	0.912283	0.923487	0.96607	1.166879	0.754995	0.669858	0.835631	0.867638
1.058165	1.290962	1.103964	0.803806	1.04644	1.115714	0.934478	0.901456	0.934993	0.764686
0.933058	0.858898	1.125984	1.093913	0.774623	0.913069	1.202846	1.142062	1.017256	0.555591
0.769584	0.918341	1.056549	1.233802	0.964367	0.930044	0.974059	0.710665	0.808513	0.63484
1.018051	1.217015	1.004219	0.90337	1.415047	0.980026	0.60932	0.817709	1.140375	0.851723
1.435545	1.108228	0.932702	0.654666	0.882508	0.844603	0.832403	0.965067	1.022837	1.183118
0.667019	0.690333	0.839034	0.669412	0.731788	0.905567	0.810533	0.966742	0.838071	0.687727
0.876977	1.035315	1.120993	1.250292	0.964367	1.189161	1.017612	0.887258	0.961804	0.874446
1.164807	1.486692	0.863016	1.369443	1.168977	0.706286	0.76024	0.767208	1.150305	0.763622
1.450842	1.575737	0.907704	0.823483	0.859214	0.806272	1.103906	1.04161	1.019109	0.88981
1.051907	1.170184	1.761636	0.968506	1.132442	2.029258	2.498413	1.554351	0.928918	1.015944
1.010454	0.734814	1.131033	1.441431	1.31291	1.212649	1.520204	1.115278	0.875086	0.804857
1.006705	0.836454	0.871314	1.162348	1.239788	0.605997	0.54179	0.750579	0.96507	0.715371

1.102366	1.078028	0.751304	0.726875	0.801809	0.784348	0.789712	0.907268	0.953745	0.792184
0.852744	1.175769	1.131033	0.716919	1.117679	1.120568	0.932904	1.064105	0.703441	1.05365
0.911545	1.259175	1.074007	0.980981	0.959298	1.496061	1.319559	1.499551	0.939606	1.206059
1.219101	0.992726	0.793541	1.285278	1.180005	0.863088	0.86473	2.303631	1.186963	1.128097
1.060272	0.957329	0.944109	1.187785	0.917679	0.643382	0.922047	1.198292	1.415307	0.976019
1.051907	1.217015	0.830054	1.196607	1.391697	1.106167	1.381107	1.173297	1.011747	0.962365
1.23145	1.393849	1.250054	1.392138	1.465888	1.681049	1.502358	0.905807	0.818923	0.962365
1.084142	0.841632	0.935931	0.892911	0.842207	1.194915	1.043163	1.134592	0.985199	1.968593
1.014235	0.822526	0.831325	1.007061	1.31291	1.137996	0.826217	1.192612	0.921442	1.194437
1.420768	0.921459	0.863016	0.935039	1.072529	1.159333	1.951058	1.008987	1.258045	1.339443
2.178118	2.146744	1.179326	1.411189	0.780148	1.180671	1.766962	1.279812	1.155356	1.448038
1.1464	1.130439	1.105589	0.946247	0.735785	1.007354	1.824158	1.218779	1.496379	1.125149
1.207093	0.927764	1.080739	0.910997	1.200007	1.274119	1.269053	1.535306	1.316516	1.094943
1.076211	1.113067	1.444843	1.429945	1.415047	1.681049	1.16106	0.905807	1.335326	1.172086
1.166433	1.305638	1.477414	3.282373	1.774975	1.177877	1.788945	1.045614	2.046618	1.008667
1.604974	1.251969	2.186883	0.862968	0.886752	1.486652	1.332265	1.188939	1.080789	1.074219
1.1983	1.080278	0.989309	1.082344	1.415047	1.607762	1.558257	1.244977	1.152452	1.115964
1.102366	1.135533	1.031611	1.233802	1.482378	1.044636	0.911455	1.301015	1.305609	0.990116
1.270756	3.64875	1.184667	1.125521	0.805331	1.197821	1.452841	1.022125	1.464178	1.26935
1.313976	1.802223	1.483088	1.091574	0.919208	1.585845	2.212664	1.767972	1.991006	1.756954
0.993832	1.007734	1.488838	1.485963	1.733103	1.044636	0.96046	2.687942	0.986919	0.802525
1.077501	1.187159	1.494664	1.687612	1.352592	0.996215	0.975789	1.499551	1.343084	1.15343
1.333336	1.011569	0.971363	0.771381	0.806511	1.496061	1.055483	1.315749	1.77589	1.335458
0.993832	2.233777	0.792375	0.706224	0.990641	1.128156	1.108588	1.110581	1.227002	1.06841
0.709123	1.469773	1.557679	1.768268	1.147725	1.166879	1.197037	1.122421	0.784068	0.895534
0.939406	1.184284	1.916353	1.479599	1.007203	0.650764	0.87423	0.908733	0.714345	0.758338
1.204142	0.965911	1.108762	0.840154	0.771342	1.003609	0.782988	1.008987	0.770244	0.716323
1.713738	1.269514	0.605188	0.757112	0.85523	1.132945	0.99348	0.876225	1.354988	0.78879
0.723467	0.853512	0.91691	0.921906	0.905636	0.719651	0.644236	0.900015	0.602238	0.534385
0.661926	1.000165	0.747088	0.659813	0.967779	0.593493	0.710441	0.731625	0.550687	0.586992
0.640523	0.679442	0.500784	0.613211	0.633392	0.609745	0.548219	0.669858	0.670613	0.554933
0.817547	0.590587	0.420616	0.53341	0.757401	0.512979	0.597552	0.676685	0.587561	0.597743
0.730327	0.674983	0.643938	0.578938	0.609473	0.596403	0.579085	0.49065	0.466585	0.439547
0.60878	0.571298	0.661666	0.750681	0.617046	0.544842	0.676948	0.479038	0.506889	0.515966
0.565469	0.612306	0.526517	0.480626	0.478296	0.546791	0.487284	0.496291	0.550687	0.562227
0.629421	0.420014	0.423096	0.466574	0.422148	0.474938	0.524892	0.504892	0.5635	0.594129
0.516324	0.482502	0.503769	0.467681	0.587517	0.477706	0.448536	0.570401	0.512056	0.518983
0.550851	0.610008	0.719653	0.594993	0.599089	0.696985	0.519403	0.411929	0.497852	0.572374
0.483781	0.411709	0.443986	0.487536	0.58255	0.558004	0.58822	0.411929	0.435962	0.608766
0.430128	0.41511	0.406504	0.658091	0.517777	0.610498	0.640215	0.618792	0.574696	0.678017
0.400946	0.48997	0.517769	0.56623	0.50638	0.514186	0.376145	0.559758	0.510902	0.595571
0.421311	0.631942	0.609752	0.468236	0.485008	0.577128	0.434354	0.612069	0.496178	0.606539
0.440138	0.385424	0.495463	0.513242	0.472234	0.465656	0.512786	0.504892	0.510902	0.502356
0.442678	0.582625	0.559964	0.569022	0.530107	0.540327	0.580478	0.531767	0.559616	0.509404
0.526706	0.502312	0.495463	0.591291	0.599822	0.621185	0.421103	0.495724	0.493957	0.55362
0.605803	0.625561	0.547863	0.51882	0.619344	0.586302	0.430385	0.437939	0.534577	0.629343
0.584815	0.532551	0.55119	0.54518	0.410124	0.554676	0.490108	0.537348	0.69368	0.517774

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0.592659	0.665079	0.640085	0.732118	0.632824	0.69338	0.8157	0.77774	0.741274	0.687626
0.647211	0.50474	0.566679	0.786798	0.673091	0.662385	0.73027	0.686378	0.608659	0.709639
0.694748	0.671878	0.82956	0.670506	0.766921	0.798934	0.610696	0.650234	0.617656	0.744903
0.689302	0.667616	0.842112	0.753379	0.625046	0.707899	0.634136	0.651042	0.670779	0.650777
0.586209	0.655076	1.042398	0.791303	0.686203	0.711605	0.585668	0.759729	0.881504	0.555943
0.725987	0.726573	0.759978	0.702522	0.736983	0.713471	0.580145	0.609464	0.729354	0.610028
0.813796	0.95525	0.74751	0.685331	0.799076	0.596941	0.62188	0.697925	0.85848	0.759429
0.8114	0.694739	0.740399	0.745157	0.851618	0.559966	0.758299	0.70702	0.638609	0.709639
0.542911	0.908513	0.711178	0.688	0.781042	0.6413	0.683448	0.658375	0.566945	0.542291
0.611096	0.802842	0.847235	0.691585	0.6612	0.68193	0.568635	0.688134	0.75353	0.710581
0.776958	0.741396	0.575549	0.710908	0.645566	0.774593	0.673978	0.752525	0.79139	0.76367
0.696579	0.638108	0.549465	0.662857	0.767991	0.930893	0.875043	0.58519	0.618414	0.673547
0.83095	0.745436	0.620538	0.780126	0.8896	0.772447	0.790484	0.743434	0.641801	0.583901
0.709614	0.939106	0.706494	0.649584	0.6612	0.660726	0.902982	0.715373	0.64907	0.91967
0.71056	0.616467	0.882101	0.848074	0.580397	0.630357	0.777322	0.671727	0.610145	0.687626
0.642327	0.570713	0.612959	0.698846	0.552123	0.565249	0.668058	0.492394	0.682055	0.715321
0.902824	0.696548	0.722632	0.859846	0.738983	0.847019	0.568635	0.407132	0.601301	0.661592
0.782512	1.089029	0.867007	0.774643	0.709913	0.579431	0.578775	0.574221	0.663983	0.690317
0.632719	0.874438	0.915464	0.616558	0.602514	0.630357	0.697601	0.857034	0.682934	0.719151
0.687502	0.688464	0.812576	0.635913	0.6612	0.727723	0.61812	0.64383	0.675081	0.508445
0.682145	0.686688	0.761033	0.782338	0.775556	0.795533	0.568635	0.626689	0.66907	0.542931
0.709614	0.70571	0.726518	0.706229	0.611387	0.73063	0.63104	0.621374	0.85585	0.884509
0.688401	0.816965	0.613711	0.653689	0.692461	0.881395	0.758299	0.666672	0.770429	0.754185
0.511854	0.71224	0.727495	0.622658	0.771217	0.802361	0.638823	0.801072	0.622992	0.643445
0.568778	0.752596	0.937103	0.72623	0.856844	0.713471	0.596218	0.643036	0.725452	0.764737
0.53462	0.683158	0.615219	0.742113	0.711792	0.746473	0.61812	0.713503	0.637815	0.594597
0.618696	0.650976	0.518164	0.602404	0.713679	0.721013	0.552888	0.692557	0.687359	0.513806
0.53779	0.598017	0.543662	0.606084	0.731039	0.683672	0.665545	0.802215	0.565599	0.610028
0.568096	0.653431	0.595292	0.741103	0.819095	0.600529	0.82888	0.802215	0.642603	0.563269
0.669036	0.720783	0.688245	0.663701	0.620445	0.732579	0.638823	0.655101	0.77694	0.787768
0.744023	0.509429	0.586014	0.618835	0.611387	0.781097	0.657272	0.755598	0.63623	0.721078
0.62332	0.638901	0.644102	0.598755	0.615138	0.757711	0.715967	0.5262	0.483208	0.595319
0.72993	0.73939	0.749563	0.652865	0.507564	0.610738	0.565307	0.519583	0.585539	0.583197
0.749169	0.588723	0.612959	0.615801	0.576933	0.731603	0.63336	0.717251	0.732303	0.674414
0.541625	0.574119	0.81616	0.631188	0.507564	0.703309	0.652383	0.599304	0.661462	0.647503
0.667318	0.686688	0.825865	0.648768	0.678289	0.626514	0.46247	0.532304	0.643406	0.654905
0.692925	0.750538	0.700938	0.555224	0.756363	0.567247	0.472527	0.565508	0.611637	0.65991
0.584788	0.55538	0.523634	0.595858	0.636766	0.621192	0.571989	0.611672	0.531988	0.578303
0.543556	0.525026	0.598913	0.626515	0.576933	0.65497	0.642768	0.58519	0.523366	0.555283
0.559984	0.587311	0.607731	0.760704	0.572129	0.493173	0.563322	0.578302	0.711125	0.617573
0.791548	0.779181	0.559313	0.7016	0.644759	0.521065	0.537693	0.612411	0.734281	0.671819
0.669898	0.678785	0.730439	0.605346	0.529891	0.601973	0.575368	0.578986	0.50662	0.695751
0.713411	0.842843	0.704634	0.724285	0.680911	0.650096	0.627965	0.551791	0.46524	0.546794
0.620232	0.687576	0.608474	0.691585	0.760555	0.541965	0.517631	0.604354	0.599117	0.539738
0.871534	0.613462	0.621303	0.736089	0.515877	0.604148	0.501879	0.727728	0.716799	0.58886
0.687502	0.597295	0.516958	0.712794	0.556051	0.550872	0.518821	0.542882	0.748381	0.605563
0.805466	0.563312	0.559313	0.691585	0.771217	0.776751	0.723537	0.566172	0.625299	0.6574

0.71917	0.765154	0.674179	0.579562	0.630476	0.699672	0.747071	0.512477	0.677683	0.850679
0.53462	0.719826	0.811388	0.577481	0.732024	0.822311	0.740074	0.556315	0.570329	0.589573
0.593382	0.531797	0.665613	0.592263	0.766921	0.721966	0.578775	0.792035	0.728375	0.461364
0.672494	0.574119	0.832042	0.728184	0.704326	0.615187	0.475752	0.594312	0.588362	0.572775
0.779171	0.660883	0.691834	0.555224	0.593818	0.517479	0.437066	0.672575	0.661462	0.593875
0.656311	0.754664	0.541107	0.527835	0.671372	0.696065	0.764548	0.775582	0.643406	0.50315
0.556648	0.645299	0.599642	0.688	0.734993	0.619683	0.752139	0.833039	0.626844	0.611526
0.643137	0.735406	0.65225	0.682678	0.726147	0.654154	0.634136	0.549867	0.814605	0.985448
0.682145	0.614962	0.520587	0.546116	0.803704	0.67933	0.52121	0.716311	0.80517	0.72986
0.923978	0.678785	0.680277	0.746176	0.825163	0.57127	0.532129	0.648624	0.616899	0.595319
0.779171	0.717917	0.791673	0.742113	0.635975	0.878652	0.799485	0.549867	0.662301	0.928923
0.914786	0.765154	0.766348	0.64471	0.556709	0.763965	0.707606	0.56817	0.697256	0.71819
0.894065	0.708497	0.722632	0.758598	0.662039	0.835726	0.804056	0.689015	0.626844	0.669239
0.669898	0.55999	0.694545	0.870584	0.989583	0.974661	1.025522	0.703359	0.699994	0.800337
0.646393	0.70943	0.748535	0.691585	1.024886	0.937105	0.595507	0.938172	0.884295	1.093782
0.745047	0.965233	0.783808	0.737087	0.841349	0.865191	0.630269	0.74144	0.70183	0.708699
0.705849	0.754664	0.857668	0.648768	0.714625	0.760827	0.814522	0.866219	0.732303	0.589573
0.586921	0.731458	0.9451	0.718502	0.769064	0.785488	0.646748	0.728694	0.725452	0.670098
0.754377	0.850529	0.764214	0.863842	0.842619	0.592674	0.580145	0.692557	0.845486	0.795724
0.959453	1.026594	0.65888	1.018041	0.888184	0.785488	0.775167	0.699729	0.85848	0.992609
0.805466	0.851823	0.702782	0.772469	1.187297	1.6352	1.131128	0.700633	0.632295	0.912106
0.824746	0.960213	0.877932	0.766012	0.942286	0.848292	0.762455	0.724846	0.655635	0.750035
0.619463	0.704785	1.000095	0.878816	0.676549	0.765016	0.987097	0.9809	0.757693	0.70403
0.946216	0.667616	0.751626	0.882991	0.710852	0.804661	0.63104	0.811468	0.869163	0.69484
0.812596	0.679656	0.798529	0.773555	0.673091	0.775671	0.615135	0.655917	0.984634	0.778849
1.063359	0.835291	0.842112	0.930218	1.050809	0.878652	0.72641	0.602905	0.665672	0.842937
0.810207	0.966919	0.796232	0.766012	0.98075	1.08913	1.238533	0.754571	0.75353	0.91967
0.787006	0.824203	0.992828	0.697019	0.675682	0.843222	0.910257	0.829369	0.756649	0.629925
0.819845	0.724635	1.026534	0.769229	0.822726	0.870525	0.706687	0.870216	0.975904	0.639425
1.040493	0.847952	0.927697	0.727206	0.826387	0.908358	0.711302	0.848039	1.070126	0.939975
0.824746	0.857039	0.778276	0.679165	0.78548	0.969574	0.658914	0.864895	1.1822	1.19608
0.740964	1.095796	0.832042	1.116117	1.005948	1.021435	0.797217	0.906489	0.739264	0.682293
0.58978	0.735406	0.93081	1.164123	1.019118	0.727723	1.01048	0.991388	0.588362	0.712471
0.663902	0.950344	0.755782	0.65617	0.731039	0.756677	0.620372	0.737478	0.722549	0.688521
0.705849	0.780279	0.614464	0.780126	0.866145	0.633455	0.614392	0.736493	0.706453	0.880307
0.862033	0.78138	0.66392	0.789045	0.934357	0.817534	0.732213	0.862259	0.664827	0.736815
0.695662	0.763036	0.921537	0.786798	0.659528	0.767126	0.836241	0.554371	0.577867	0.792296
0.881248	1.054618	0.810203	0.812178	0.593101	0.672473	0.818067	0.584497	0.680301	0.900272
0.790408	0.816965	0.640886	0.751309	0.657862	0.775671	1.067681	0.930416	0.969044	0.922732
0.911765	0.598017	0.692736	0.892892	0.804869	0.793281	0.827665	1.122575	0.818197	0.767953
0.817415	0.789164	0.76528	0.747198	0.838819	0.869185	0.502452	0.65185	0.854541	0.857237
0.652151	0.702022	0.839572	0.650402	0.739986	0.719116	0.572662	0.560231	0.790261	0.900272
0.694748	0.541838	0.678526	0.591547	0.621208	0.946594	0.74808	0.826939	0.770429	0.546148
0.658827	0.679656	0.933945	0.71946	0.620445	0.83821	0.824041	0.85059	0.707383	0.620628
0.695662	0.662557	0.642491	0.7016	0.885368	0.795533	0.577409	0.690783	0.722549	0.641029
0.837245	0.925072	0.682916	0.631188	0.904012	0.921738	0.703941	0.704272	0.926916	0.910609
1.145332	0.842843	0.851118	0.714689	0.78884	0.73947	0.721632	0.67856	0.584134	0.766879

0.751245	0.867664	0.743433	0.64149	0.821512	0.703309	0.698501	0.66751	0.54015	0.664974
0.665606	0.863649	0.805496	0.703446	0.821512	0.565249	0.578091	0.738465	0.679427	0.691218
0.827217	0.655901	0.817362	0.971056	0.714625	0.610001	0.738096	0.991388	0.849343	0.74084
0.790408	0.633379	0.633734	0.664545	0.696077	0.6828	0.791599	0.643036	0.832869	0.821723
0.617165	0.631033	0.672452	0.821788	0.683549	0.813985	0.680845	0.563521	0.700911	0.741852
0.768216	0.801686	0.673314	0.667941	0.538648	0.749509	0.688701	0.586581	0.779132	0.783286
0.724028	0.746451	0.927697	0.556541	0.555394	0.854714	0.804056	0.660848	0.724482	0.716275
0.763911	0.734416	0.793946	0.664545	0.650443	0.711605	0.661389	0.710713	0.742282	0.549388
0.73391	0.850529	0.98215	0.950974	0.856844	0.733557	0.460903	0.73063	0.742282	0.571405
0.83095	0.716016	0.788285	0.648768	0.767991	0.746473	0.565307	0.615378	0.799375	0.793436
0.642327	0.737394	0.642491	0.621125	0.820302	0.834489	0.671431	0.895002	1.184989	0.79116
0.681259	0.650976	0.640886	0.57198	0.687092	0.633455	0.741067	0.97575	0.827923	0.647503
0.668176	0.626381	0.663076	0.673085	0.666257	0.601973	0.752139	0.795402	0.625299	0.686732
0.649674	0.822988	0.762091	0.563857	0.61064	0.618179	0.519417	0.577619	0.694534	0.79116
0.760709	0.737394	0.623607	0.699762	0.747075	0.785488	0.622636	0.693447	0.69544	0.706825
0.964523	0.760928	0.6838	0.714689	0.965291	0.972959	0.83748	0.729661	0.616899	0.901733
0.980099	0.815771	0.778276	0.699762	0.559352	0.823514	0.731241	0.517201	0.600572	0.769031
0.803115	0.701105	0.623607	0.662857	0.593101	0.762916	0.699403	0.683756	0.773672	0.703102
0.583372	0.536789	0.659716	0.753379	0.688874	0.597656	0.7635	0.723889	0.721585	0.583197
0.566733	0.626381	0.852421	0.84422	0.680035	0.659899	0.620372	0.581733	0.672495	0.66075
0.565375	0.741396	0.86298	0.71374	0.843893	0.793281	0.56597	0.66751	0.826695	0.922732
0.621773	0.802842	0.703707	0.693389	0.655375	0.659074	0.699403	0.749473	0.742282	0.585312
0.634306	0.647723	0.818566	0.7016	0.811924	0.948195	0.749091	0.696128	0.63623	0.529676
0.635898	0.616467	0.758925	0.715639	0.774467	0.845749	0.573337	0.541624	0.555634	0.544858
0.936546	0.665923	0.611459	0.743125	0.842619	0.675032	0.607762	0.697025	0.687359	0.725935
0.904302	0.677047	0.551417	0.640689	0.766921	0.635794	0.581519	0.683756	0.916238	0.760486
0.631139	0.729498	0.577622	0.705299	0.760555	0.704223	0.624912	0.607267	0.603495	0.667528
0.713411	0.904105	0.625923	0.639889	0.664565	0.698768	0.596931	0.564844	0.470067	0.640226
0.586209	0.679656	0.740399	0.589408	0.44879	0.576012	0.634136	0.778823	0.627619	0.696663
0.711508	0.626381	0.727495	0.651221	0.612883	0.657427	0.653194	0.756627	0.816996	0.702177
0.787006	0.737394	0.614464	0.682678	0.745038	0.73947	0.670585	0.578302	0.798225	0.771194
0.892622	0.840311	0.783808	0.736089	0.711792	0.681062	0.614392	0.551791	0.775848	0.930485
0.597743	0.687576	0.956549	0.652042	0.668807	0.822311	0.796088	0.500888	0.65234	0.769031
0.652151	0.716016	0.896293	0.704371	1.071859	0.967892	0.851349	0.749473	0.713008	0.573462
0.789272	0.640491	0.830799	0.791303	0.789965	0.819916	0.738096	0.897845	0.786892	0.6516
0.784753	0.648534	0.764214	0.71185	0.61064	0.734537	0.632585	0.605808	0.671636	0.750035
0.810207	0.773732	0.656382	0.630406	0.6612	0.758747	0.668899	0.644625	0.682934	0.674414
0.547442	0.773732	0.658046	0.652042	0.749122	0.580806	0.669741	0.697025	0.711125	0.628361
0.634306	0.698365	0.647343	0.848074	0.762667	0.628047	0.838723	0.73453	0.643406	0.900272
0.669036	0.841575	0.85635	0.869227	0.736983	0.601251	0.61588	0.657554	0.728375	0.760486
0.676854	0.744422	0.764214	0.587988	0.757407	0.816348	0.684319	0.885194	0.97246	0.848083
0.798452	0.622541	0.57486	0.662016	0.663721	0.706977	0.609961	0.76181	0.793657	0.687626
0.648031	0.548879	0.700019	0.877433	0.529272	0.503424	0.71879	0.582422	0.566271	0.793436
0.817415	0.731458	0.736388	0.853267	0.774467	0.73947	0.683448	0.531076	0.54525	0.777748
0.828458	0.711301	0.620538	0.917921	0.835052	0.701487	0.824041	0.793155	0.734281	0.762606
0.748135	0.683158	0.712121	0.903024	0.849027	0.828357	0.855209	0.73551	0.699994	0.788895
0.698417	0.778086	0.797379	0.597304	0.70618	1.211383	0.890187	0.595732	0.697256	0.956267

0.817415	0.759878	0.819774	0.676549	0.576933	0.793281	0.749091	0.605081	0.668218	0.606304
0.572898	0.559328	0.651428	0.62036	0.531131	0.763965	0.713162	0.729661	0.778034	0.645876
0.620232	0.572072	0.6794	0.80394	0.779939	0.738479	0.764548	0.82332	0.877351	0.669239
0.805466	0.760928	0.776083	0.751309	0.888184	0.7877	0.599793	0.714437	1.057428	0.737818
0.718205	0.956898	1.030446	0.608308	0.625046	0.635794	0.793837	0.703359	0.649885	0.614539
0.557979	0.683158	0.839572	0.694294	0.709913	0.71817	0.784951	0.758693	0.740268	0.736815
0.614879	0.713181	0.842112	0.733108	0.602514	0.700578	0.578775	0.56817	0.645824	0.558593
0.706787	0.70943	0.650608	0.653689	0.677418	0.492049	0.657272	0.697925	0.63623	0.507854
0.778063	0.877178	0.615219	0.712794	0.804869	0.676746	0.685192	0.702449	0.690036	0.67965
0.61185	0.743411	0.615975	0.643903	0.858161	0.923251	0.833774	0.712571	0.621461	0.661592
0.683923	0.932813	0.651428	0.608308	0.779939	0.727723	0.699403	0.700633	0.566271	0.603347
0.681259	0.71887	0.834537	0.734099	0.554738	0.622706	0.911726	0.746443	0.591918	0.710581
0.760709	0.594419	0.676782	0.813368	0.664565	0.744461	0.842472	0.73063	0.737264	0.778849
0.740964	0.638108	0.688245	0.8404	0.885368	0.87457	0.727372	0.583804	0.895641	0.909117
0.905784	0.665923	0.644102	0.903024	0.705252	0.746473	0.716906	0.605081	0.812227	0.784402
1.089757	0.802842	0.74751	0.724285	0.550172	0.644478	0.721632	0.616869	0.773672	1.073744
0.838515	0.88132	0.95821	0.780126	0.643149	0.655787	0.738096	0.711641	0.70925	0.738823
0.666461	0.539306	0.71974	0.705299	0.769064	0.716284	0.558727	0.742436	0.772588	0.582495
0.683923	0.594419	0.868358	0.842943	0.774467	0.717226	0.614392	0.586581	0.63073	0.801498
0.779171	0.671878	0.759978	0.73909	0.814301	1.151059	0.793837	0.666672	0.882897	1.026379
0.693836	0.813391	0.699102	0.657832	0.864805	0.917232	0.724492	0.64702	0.679427	0.613784
0.718205	0.752596	0.737387	0.752343	0.791094	0.57806	0.529679	0.784279	0.75353	0.600411
0.624096	0.840311	0.806668	0.829137	0.777742	0.65497	0.540815	0.792035	0.802842	0.798024
0.75333	0.772651	0.700938	0.635122	0.771217	0.694273	0.580145	0.903588	0.853236	1.040256
1.048669	0.844115	0.573486	0.634332	0.736983	0.848292	0.747071	0.834269	0.708316	0.665824
0.854051	0.840311	0.759978	0.993913	0.879788	0.954662	0.942216	0.683756	0.653984	0.804999
0.73692	0.987683	0.740399	0.887207	0.881176	0.672473	0.757266	0.739454	0.780232	0.792296
0.701189	0.931253	0.7236	0.57679	0.74301	0.633455	0.663047	0.755598	0.865126	0.808529
0.73391	0.812207	0.694545	0.643903	0.751179	0.772447	0.776243	0.846769	0.783549	0.820507
0.782512	0.597295	0.657213	0.699762	0.640744	0.751545	0.799485	0.64702	0.564927	0.809712
0.881248	0.73939	0.810203	0.825447	0.63204	0.789924	0.826454	0.729661	0.707383	0.756275
0.882653	0.831563	0.659716	0.697019	0.751179	0.68894	0.875043	1.002135	0.934706	0.715321
0.709614	0.639695	0.753699	0.884392	0.81074	0.580806	0.798349	0.770233	0.779132	0.594597
0.683923	0.604569	0.708362	0.760704	0.754282	0.716284	0.788262	0.671727	0.784661	0.674414
0.844921	0.832802	0.909475	0.592979	0.692461	0.972959	0.682578	0.675985	0.75979	0.771194
0.822289	0.614962	0.593133	0.669649	0.643149	0.734537	0.613651	0.841726	0.778034	0.642638
0.624873	0.55735	0.793946	0.688	0.627365	0.789924	0.796088	0.836741	0.904349	0.731836
0.692925	0.684919	0.927697	0.990317	0.63204	0.6828	0.649154	0.625925	0.859801	0.596768
0.662203	0.699276	0.88631	0.705299	0.658694	0.591261	0.540815	0.742436	0.882897	0.574151
0.93337	0.862319	0.820985	0.606084	0.657031	0.624225	0.604121	0.756627	0.712066	0.761545
0.680374	0.715069	0.658046	0.558524	0.66541	0.794405	0.761412	0.872901	0.598392	0.64832
0.605111	0.846669	0.750594	0.780126	0.670516	0.857309	0.659738	0.737478	0.718707	0.619862
0.805466	0.797091	0.713066	0.892892	0.850321	0.568584	0.507647	0.786481	0.736267	0.578303
0.714365	0.851823	0.616732	0.747198	0.782147	0.801216	0.74808	0.807975	0.826695	0.775552
0.687502	0.793676	0.637692	0.638294	0.78884	0.76187	0.80636	0.737478	0.744305	0.872024
0.705849	0.83905	0.725543	0.780126	1.011544	0.680195	0.626436	0.602905	0.65152	0.629142
0.798452	0.764094	0.876551	1.001195	0.688874	0.661555	0.781665	0.65185	0.593348	0.70496

0.812596	0.677915	0.730439	0.745157	0.574867	0.67933	0.799485	0.771298	0.570329	0.69484
0.683923	0.671878	0.62207	0.783449	0.714625	0.796664	0.7635	0.63207	0.808684	0.715321
0.987204	0.755702	0.64979	0.990317	0.830079	0.76607	0.722583	0.627453	0.772588	0.835331
0.769299	0.664236	0.728474	0.725257	0.701559	0.667399	0.798349	0.707941	0.707383	0.893036
0.688401	0.703862	0.943489	0.586572	0.56873	0.592674	0.677398	0.67856	0.653984	0.625251
0.794986	0.685803	0.742419	0.740095	0.652081	0.644478	0.554179	0.70702	0.800528	0.596043
0.740964	0.702022	0.927697	0.855886	0.723237	0.780007	0.624152	0.640662	0.63623	0.636235
0.859356	0.698365	0.838308	0.752343	0.70064	0.725795	0.654007	0.541624	0.706453	0.711525
0.678611	0.982398	0.825865	0.632757	0.808382	1.069597	0.740074	0.639087	0.615389	0.610776
0.678611	0.763036	0.735391	0.721384	0.854223	0.76187	0.898675	0.903588	0.69908	0.638625
0.675978	0.770496	0.814962	0.866526	0.87428	0.696065	0.578775	0.73551	0.674217	0.649957
0.72993	0.853121	0.943489	0.664545	0.683549	0.742458	0.563983	0.811468	0.619935	0.765807
0.706787	0.879935	0.644102	0.64471	0.754282	0.886934	0.7635	0.811468	0.719664	0.607789
0.844921	0.805164	0.636105	0.723316	0.759503	0.73947	0.644356	0.697925	0.650702	0.698493
0.677732	0.703862	0.675912	0.897205	0.735987	0.583569	0.779488	0.748461	0.564257	0.715321
0.695662	0.820569	0.76528	0.770306	0.708977	0.567915	0.715967	0.717251	0.698167	0.837851
0.793837	0.640491	0.62515	0.705299	0.795637	0.686298	0.750104	0.85059	0.769353	0.79116
0.856695	0.690248	0.58672	0.71374	1.061206	1.071724	0.86041	0.680285	0.557608	0.715321
0.844921	0.825421	0.811388	0.857202	0.654549	0.869185	0.935944	0.684628	0.547823	0.684063
0.874287	0.768351	0.738389	0.809808	0.647998	0.6413	0.7635	0.715373	0.596223	0.764737
0.805466	0.558008	0.537303	0.743125	0.74301	0.659074	0.888788	0.797661	0.851934	0.831577
0.659668	0.611222	0.653898	0.645518	0.688874	0.704223	0.753159	0.712571	0.723514	0.793436
0.665606	0.822988	0.803162	0.694294	0.717477	0.873217	0.641186	0.583804	0.708316	0.743884
0.856695	0.788043	0.776083	0.682678	0.573496	0.68193	0.606302	0.721032	0.673355	0.670957
0.716281	0.55735	0.612959	0.621125	0.572812	0.828357	0.638039	0.706102	0.895641	0.6574
0.605111	0.591562	0.677653	0.664545	0.587409	0.784386	0.638823	0.605808	0.882897	0.758375
0.726969	0.731458	0.654725	0.764945	0.784366	0.518074	0.533976	0.630525	0.85848	0.822943
0.961137	0.866321	0.776083	0.639889	0.668807	0.657427	0.565307	0.650234	0.619935	0.775552
0.761774	0.677915	0.764214	0.582353	0.712734	0.948195	0.796088	0.860947	0.792522	0.801498
0.533359	0.760928	0.926149	0.670506	0.854223	0.73947	0.808677	0.830589	0.965654	0.70496
0.614879	0.74849	0.779377	0.731132	1.046719	0.618179	0.561347	0.80451	0.809862	0.736815
0.896965	0.743411	0.566004	0.62574	0.748097	0.696964	0.762455	0.762854	0.68825	0.733821
0.759648	0.641289	0.57075	0.667941	0.794497	0.762916	0.937503	0.87425	0.607177	0.810898
0.575667	0.76198	0.60551	0.675681	0.886774	0.882774	0.572662	0.68115	0.588362	0.670957
0.747103	0.989459	0.7236	0.74414	0.680035	0.591967	0.604121	0.984368	0.702751	0.790026
0.910262	0.811025	0.714963	0.723316	0.607668	0.611476	0.638039	0.768112	0.799375	0.788895
0.604368	0.728521	0.695453	0.674814	0.677418	0.853422	0.89441	0.742436	0.662301	1.022495
0.513656	0.741396	0.595292	0.616558	0.722272	0.576012	0.664711	0.713503	0.749406	0.765807
0.680374	0.816965	0.739393	0.694294	0.567378	0.614442	0.566635	0.605808	0.56965	0.742867
0.761774	0.775903	1.003775	0.849366	0.624276	0.660726	0.779488	0.854445	0.751463	0.753144
0.817415	0.763036	0.813768	0.673085	0.663721	0.866518	0.773022	0.638302	0.785775	0.717232
1.059111	0.735406	0.717823	0.892892	0.809559	0.905439	0.759334	0.672575	0.620697	0.636235
0.927086	0.820569	0.844666	0.920963	0.707111	0.769247	0.825246	0.740446	0.610145	0.778849
0.666461	0.638901	1.141819	1.166803	0.717477	0.719116	0.816882	0.81854	0.892776	0.874768
0.648852	0.672735	0.763151	0.84422	0.713679	0.906896	0.687821	0.759729	0.97246	0.792296
0.603627	0.612714	0.662234	0.917921	0.83756	0.896801	0.682578	0.661675	0.778034	0.703102
0.71056	0.640491	0.636105	0.64149	0.642346	0.857309	0.661389	0.567503	0.821819	0.848083

0.665606	0.818163	0.921537	0.654514	0.653725	0.88833	0.735145	0.606537	0.779132	0.677898
0.610343	0.697456	0.82956	0.777924	0.708977	0.738479	0.658093	0.757659	0.637022	0.674414
0.653811	0.685803	0.966609	0.878816	0.925029	0.911296	0.609961	0.67088	0.662301	0.827856
0.761774	0.689355	0.90651	0.755459	0.767991	0.709748	0.592673	0.851871	1.023347	0.894473
0.810207	0.756742	0.706494	0.612788	0.707111	0.865191	0.71503	0.744435	0.799375	0.712471
0.663052	0.767283	0.720702	0.709969	0.899638	0.732579	0.719736	0.97575	0.712066	0.771194
0.590498	0.779181	0.691834	0.715639	1.013425	0.747483	0.739084	0.834269	0.68825	0.721078
0.670761	0.847952	0.796232	0.600211	0.828845	0.845749	0.67483	0.979177	0.748381	0.728876
0.618696	0.711301	0.633734	0.614292	0.724205	0.755646	0.645949	0.885194	0.812227	0.667528
0.758588	0.691142	0.515755	0.582353	0.646375	0.601973	0.638823	0.799932	0.577176	0.629925
0.562671	0.688464	0.669019	0.76176	0.86884	0.653339	0.685192	0.740446	0.550411	0.686732
0.576362	0.743411	0.776083	0.741103	0.787717	0.677606	0.61291	0.769171	0.790261	0.901733
0.814999	0.715069	0.573486	0.732118	0.912895	0.701487	0.717847	0.907946	0.892776	0.764737
0.852735	0.719826	0.677653	0.742113	0.731039	0.677606	0.673127	0.67088	0.675947	0.793436
0.737927	0.746451	0.777178	0.878816	0.735987	0.777833	0.758299	0.526806	0.641001	0.79116
0.922433	0.844115	0.701859	0.732118	0.679161	0.702397	0.682578	0.636735	0.849343	0.933625
0.738937	0.650976	0.682916	0.703446	0.696077	0.710676	0.805207	0.778823	0.874605	0.788895
0.822289	0.52994	0.684685	0.858522	0.90548	0.76187	0.7635	0.62062	0.564927	0.722045
0.703979	0.661719	0.875175	0.898653	0.765853	0.792159	0.819255	0.6777	0.648256	0.870659
0.846214	0.78138	0.793946	0.930218	0.656202	0.746473	0.757266	0.774507	0.744305	0.728876
0.790408	0.871716	0.763151	0.816956	0.657862	0.683672	1.029366	0.931956	0.837872	0.639425
0.855371	0.611967	0.701859	0.849366	0.709913	0.783287	0.80636	0.64383	0.786892	0.640226
0.773659	0.617978	0.690934	0.603138	0.612883	0.943408	0.75112	0.644625	0.888515	0.901733
0.768216	0.745436	0.781587	0.610542	0.659528	0.870525	0.693128	0.627453	0.829154	0.807349
0.814999	0.773732	0.546876	0.645518	0.656202	0.746473	0.681711	0.795402	1.171222	0.773367
0.607345	0.634163	0.706494	0.771386	0.722272	0.771377	0.846254	0.640662	0.666519	0.723015
0.678611	0.668465	0.621303	0.64714	0.713679	0.736504	0.654821	0.550507	0.680301	0.776648
0.685709	0.822988	0.772813	0.600941	0.808382	0.818723	0.562004	0.577619	0.760843	0.809712
0.902824	0.784699	0.804327	0.649584	0.638353	0.733557	0.680845	0.708863	0.907291	0.610028
0.698417	0.663396	1.001931	0.795856	0.66541	0.789924	0.841219	0.897845	0.816996	0.690317
0.594106	0.778086	1.028486	0.997539	0.831317	0.695168	0.72545	0.658375	0.797078	0.869298
0.643137	0.857039	0.762091	0.669649	0.896746	0.620436	0.61291	0.676842	0.735273	0.825392
0.843632	0.731458	0.696362	0.64471	0.775556	0.726758	0.735145	0.739454	0.676814	0.721078
0.660512	0.680529	0.810203	0.702522	0.758454	0.833256	0.738096	0.795402	0.643406	0.567318
0.539065	0.70943	0.894852	0.71946	0.831317	0.892545	0.621126	0.654286	0.600572	0.493892
0.796138	0.731458	0.706494	0.706229	0.866145	0.720064	0.67483	0.809137	0.930015	0.654076
0.985417	0.9297	0.617491	0.757549	0.833804	0.828357	0.875043	0.942893	0.719664	0.795724
0.892622	0.764094	0.686462	0.679165	0.756363	0.707899	0.843729	0.841726	0.698167	0.725935
0.665606	0.991242	0.971728	0.793574	0.797927	0.680195	0.622636	0.714437	0.674217	0.687626
0.720137	0.711301	0.615219	0.942873	0.808382	0.629586	0.6295	0.747451	0.842933	0.84679
0.796138	0.80633	0.604035	0.819365	0.826387	0.758747	0.607031	0.658375	0.724482	0.939975
0.678611	0.757785	0.710237	0.7016	0.986028	0.839458	0.832545	0.700633	0.645824	0.676152
0.646393	0.84539	0.8222	0.672224	0.888184	0.805816	0.685192	0.671727	0.643406	0.610028
0.644762	0.742402	0.751626	0.698846	0.774467	0.58635	0.728336	0.811468	0.707383	0.698493
0.949487	0.732442	0.640085	0.741103	0.755321	0.705139	0.70577	0.63207	0.625299	0.829093
0.806647	0.73939	0.653073	0.68356	0.719389	0.801216	0.762455	0.757659	0.744305	0.874768
0.780281	0.659216	0.556665	0.537826	0.760555	0.745466	0.781665	0.712571	0.678554	0.733821

0.697497	0.780279	0.708362	0.673085	0.716524	0.629586	0.848794	0.682886	0.594783	0.727893
0.842347	0.62561	0.868358	0.897205	0.634397	0.710676	0.781665	0.656735	0.62376	0.639425
0.974845	0.78138	0.71974	0.643903	0.705252	1.025251	0.729302	0.517796	0.850637	0.711525
0.990801	0.840311	0.581797	0.780126	0.767991	0.76607	0.693128	0.597872	0.780232	0.829093
0.901352	0.819365	0.782696	0.885797	0.716524	0.652526	0.710375	0.605808	0.707383	1.046341
0.727954	0.713181	0.951605	0.777924	0.652902	0.656607	0.755208	0.582422	0.600572	0.674414
0.83095	0.753629	0.779377	0.780126	0.726147	0.676746	0.703941	0.73453	0.815799	0.539103
0.812596	0.728521	0.744448	0.770306	0.784366	0.797797	0.622636	0.593603	0.729354	0.607046
0.871534	0.760928	0.744448	0.850663	0.724205	0.728689	0.654007	0.584497	0.821819	0.800337
0.856695	0.896855	0.817362	0.773555	0.856844	1.031038	0.750104	0.68115	0.788012	0.709639
0.668176	0.684038	0.690036	0.658666	0.667105	0.829577	0.762455	0.811468	0.834114	0.658235
0.639905	0.599464	0.706494	0.820575	0.882569	0.918729	0.624912	0.704272	0.748381	0.687626
0.758588	0.646913	0.852421	0.858522	0.656202	0.841963	0.654821	0.683756	0.798225	0.788895
0.669898	0.789164	0.700938	0.57198	0.643953	1.073862	0.805207	0.81617	1.035073	0.949677
0.744023	0.947103	0.71878	0.628845	0.693362	0.865191	0.693128	0.76181	0.792522	0.766879
0.640711	0.689355	0.791673	0.775734	0.859482	0.66405	0.688701	0.870216	0.727398	0.794578
0.758588	0.819365	1.022657	0.717545	0.719389	0.66405	0.597645	0.820923	0.937862	0.9596
0.82598	0.905569	0.799683	0.615801	0.694265	0.795533	0.704855	0.812639	0.812227	0.658235
0.622546	0.935948	0.664766	0.709031	0.782147	1.015774	0.880489	0.733552	0.755607	0.664126
0.519718	0.78138	0.823418	0.873311	0.914393	0.770311	0.925182	0.757659	0.564257	0.759429
0.638298	0.809846	0.95821	1.008602	0.89819	0.745466	0.67483	0.775582	0.680301	0.572775
0.601411	0.697456	0.740399	0.652865	0.863468	0.73063	0.659738	0.942893	1.110609	0.932052
0.614879	0.95525	0.675912	0.72623	0.89819	0.997419	0.768764	0.699729	0.594065	0.673547
0.677732	0.755702	0.733403	0.774643	0.688874	0.829577	0.841219	0.684628	0.576487	0.616812
0.577058	0.831563	0.884902	0.724285	0.628918	0.663217	0.6272	0.689015	0.620697	0.690317
0.84881	0.867664	0.676782	0.670506	0.74301	0.506314	0.626436	0.793155	0.737264	0.809712
0.941354	0.88271	0.574172	0.672224	0.811924	0.591261	0.580145	0.697925	0.669924	0.85329
0.782512	0.738391	0.546876	0.580258	0.63204	0.6828	0.711302	0.675985	0.654809	0.971471
0.683033	0.844115	0.744448	0.862506	0.727121	0.591967	0.717847	0.612411	0.689142	0.793436
0.541625	0.826643	0.732413	0.673949	0.87428	0.72292	0.667219	0.76181	0.724482	0.946418
0.686604	0.648534	0.629031	0.7016	0.878405	0.726758	0.695807	0.837982	0.671636	0.921198
0.949487	0.729498	0.66392	0.792437	0.866145	0.810465	0.812174	0.564844	0.637022	0.893036
0.796138	0.772651	0.95821	0.913398	0.726147	0.920231	0.74808	0.604354	0.734281	0.854602
0.770385	1.146369	0.779377	0.6952	0.638353	0.631129	0.771954	0.648624	0.871875	1.082536
0.913273	0.775903	0.663076	0.842943	0.678289	0.644478	0.897248	0.824523	0.952354	0.834076
0.769299	0.636526	0.793946	0.981456	0.911402	0.885543	0.784951	0.801072	0.63073	0.84679
0.648852	0.617978	0.741408	0.799302	0.69517	1.010185	0.71879	0.716311	0.666519	0.870659
0.877058	0.702022	0.662234	0.733108	0.686203	0.824719	0.84499	0.88937	0.880115	0.770111
0.93337	0.729498	0.721666	0.845501	0.858161	0.853422	0.92823	0.996728	0.79139	0.708699
0.706787	0.824203	0.71878	0.927111	0.775556	0.619683	0.594088	0.652661	0.800528	0.808529
0.793837	0.88271	0.910964	0.619597	0.66966	0.73749	0.610696	0.625925	0.887104	0.887332
0.973107	0.926609	1.015006	0.780126	0.830079	0.754617	0.694912	0.641452	0.781335	0.588148
0.756477	0.741396	0.924606	0.881595	0.630476	0.745466	0.875043	0.853156	0.806338	0.685841
0.579853	0.62561	0.744448	0.797002	0.841349	0.744461	0.819255	0.687255	0.682934	0.731836
0.717242	0.873075	0.812576	0.730147	1.034674	1.06748	0.649154	0.679422	0.690932	0.91967
0.789272	0.832802	0.966609	0.71185	0.724205	0.865191	0.872346	0.855737	0.793657	0.70496
0.952784	0.891142	0.766348	0.740095	0.571447	0.870525	1.01606	0.97066	0.861126	0.70403

0.75333	0.711301	0.692736	0.768154	0.702479	0.692488	0.723537	0.591485	0.653161	0.691218
0.722078	0.746451	0.776083	0.709969	0.777742	0.803509	0.578775	0.589377	0.677683	0.779954
0.692016	0.83654	0.912459	0.631972	0.819095	0.841963	0.689583	0.727728	0.69183	0.716275
0.806647	0.723669	0.800839	0.745157	0.617404	0.726758	0.658914	0.860947	0.773672	0.691218
0.606599	0.603104	0.921537	0.831615	0.699724	0.8308	0.82888	0.74144	0.739264	0.661592
0.5059	0.661719	0.812576	0.836613	0.776648	0.689825	0.61291	0.79653	0.895641	0.723986
0.80783	0.926609	0.810203	0.674814	0.779939	0.631903	0.589858	0.833039	0.904349	0.756275
0.789272	0.695642	0.65225	0.565873	0.74301	0.721013	0.756236	0.787586	0.588362	0.684951
0.71056	0.593703	0.81616	0.642293	0.6612	0.827141	0.708527	0.743434	0.686471	0.644254
0.602887	0.690248	0.976907	0.777924	0.693362	0.83821	0.755208	0.644625	0.690932	0.557266
0.838515	0.783589	0.696362	0.718502	0.855532	0.695168	0.608494	0.64622	0.913235	0.707761
0.789272	0.842843	0.687352	0.704371	0.840082	0.841963	0.769825	0.732576	0.766142	0.971471
0.648031	0.802842	0.800839	0.685331	0.99678	0.882774	0.786052	1.003952	0.626071	0.617573
0.574973	0.934377	0.762091	0.793574	0.773381	0.862548	0.727372	0.723889	0.610891	0.553309
0.670761	0.660883	0.548816	0.703446	0.712734	0.713471	0.591968	0.759729	0.69908	0.633068
0.798452	0.793676	0.581099	0.6952	0.66541	0.662385	0.597645	0.673425	0.760843	0.832825
0.603627	0.770496	0.648973	0.589408	0.731039	0.663217	0.842472	0.68115	0.658955	0.766879
0.672494	0.911478	0.884902	0.64149	0.892444	0.845749	0.729302	0.621374	0.564257	0.722045
0.657987	0.785811	0.749563	0.823004	0.78884	0.700578	0.761412	0.747451	0.719664	0.741852
0.740964	0.650976	0.672452	0.908922	0.642346	0.537579	0.614392	0.913825	0.802842	0.760486
0.678611	0.616467	0.656382	0.66624	0.621208	0.612216	0.64996	0.649429	0.749406	0.898815
0.663902	0.792543	0.63216	0.764945	0.909914	0.92782	0.778404	0.676842	0.663983	0.753144
0.635898	0.813391	0.614464	0.592263	0.673953	0.68894	0.70577	0.752525	0.633865	0.966344
0.655476	0.68228	0.695453	0.734099	0.524353	0.527108	0.777322	0.846769	0.675947	0.695751
0.901352	0.684919	0.663076	0.786798	0.685317	0.708822	0.712231	0.759729	0.782441	0.670957
0.687502	0.617978	0.542382	0.768154	0.832559	0.749509	0.663878	0.580357	0.740268	0.565289
0.657987	0.729498	0.654725	0.652865	0.852918	0.675032	0.657272	0.680285	0.622226	0.795724
0.655476	0.617222	0.737387	0.725257	0.615892	0.663217	0.824041	0.650234	0.610891	0.793436
0.764983	0.640491	0.842112	0.938084	0.620445	0.690711	0.707606	0.719137	0.765077	0.626027
0.762841	0.723669	0.709298	0.865182	0.762667	0.979808	0.813347	0.748461	0.89708	0.693932
0.855371	0.783589	0.692736	0.979705	0.942286	0.687177	0.747071	0.665	0.718707	0.652424
0.743001	0.677047	0.682035	0.880203	0.789965	0.818723	0.838723	0.652661	0.76721	0.804999
0.711508	0.680529	0.88631	0.743125	0.61064	0.719116	0.774093	0.590078	0.69908	0.71819
0.744023	0.70943	0.746487	0.687109	0.759503	0.784386	0.589858	0.435207	0.732303	0.582495
0.708669	0.743411	0.730439	0.925566	0.918919	0.840709	0.564644	0.52318	0.742282	0.626027
0.787006	0.805164	0.725543	0.753379	0.684432	0.694273	0.591263	0.528631	0.794794	0.741852
0.621002	0.740392	0.882101	0.662857	0.624276	0.746473	0.741067	0.582422	0.689142	0.687626
0.618696	0.515362	0.704634	0.615046	0.588825	0.725795	0.687821	0.699729	0.69544	0.451387
0.621773	0.469487	0.638489	0.649584	0.534873	0.698768	0.579459	0.723889	0.657292	0.586728
0.763911	0.567333	0.561977	0.775734	0.751179	0.73063	0.597645	0.742436	0.641801	0.514406
0.901352	0.851823	0.884902	0.677419	0.54694	0.7877	0.807517	0.691669	0.749406	0.700331
0.666461	0.896855	0.81616	0.741103	0.659528	0.953036	0.825246	0.619867	0.721585	0.668383
0.694748	0.714124	0.752661	0.7016	0.849027	0.87457	0.666381	0.704272	0.613885	0.654905
0.640711	0.577552	0.797379	0.839134	0.717477	0.709748	0.660563	0.659198	0.836615	0.802662
0.735914	0.597295	0.724571	0.578868	0.686203	0.997419	0.645152	0.630525	0.902885	0.674414
0.532101	0.659216	0.801999	0.603138	0.625817	0.912772	0.784951	0.753547	0.639405	0.567318
0.717242	0.786926	0.796232	0.76176	0.654549	0.721013	0.723537	0.942893	0.664827	0.596043

0.799613	0.611222	0.745467	0.741103	0.811924	0.713471	0.659738	0.860947	0.79139	0.765807
1.011135	0.686688	0.675044	0.62574	0.717477	0.804661	0.669741	0.949269	0.967346	0.877529
0.702117	0.821777	0.701859	0.561849	0.638353	0.969574	0.706687	0.750488	0.666519	0.64832
0.597013	0.886905	0.759978	0.664545	0.728097	0.73749	0.716906	0.944478	0.707383	0.732827
0.636697	0.686688	1.007486	0.829137	0.833804	0.719116	0.67654	0.780997	0.728375	0.6574
0.738937	0.687576	0.789411	0.763881	0.688874	0.745466	0.579459	0.820923	0.863789	0.880307
0.760709	0.889725	0.754739	0.57679	0.79678	1.010185	0.689583	0.739454	0.888515	0.684951
0.581961	0.788043	0.769569	0.682678	0.714625	0.816348	0.749091	0.67856	0.538884	0.723986
0.545494	0.726573	0.77499	0.816956	1.00967	0.715344	0.809839	0.704272	0.615389	0.687626
0.669898	0.634163	0.834537	0.775734	0.809559	0.755646	0.70577	0.731602	0.644211	0.743884
0.724028	0.670168	0.653898	0.645518	0.935931	0.808134	0.678257	0.760768	0.627619	0.746949
0.841066	0.970312	0.642491	0.687109	0.881176	0.798934	0.818067	0.698826	0.687359	0.669239
0.678611	0.820569	0.832042	0.959229	0.882569	0.660726	0.904427	0.660848	0.667368	0.667528
0.723052	0.994831	0.940284	0.757549	0.842619	0.69338	0.736126	0.743434	0.686471	0.766879
0.727954	0.735406	0.633734	0.646329	0.940688	0.728689	0.673978	0.928881	1.000805	0.951315
0.564021	0.727546	0.502737	0.621125	1.100843	0.953036	0.672278	0.689015	0.70183	0.815676
0.750206	0.696548	0.71878	0.703446	0.6612	0.786593	0.75112	0.612411	0.594783	0.783286
0.771474	0.943887	0.784923	0.818159	0.738983	0.73749	0.794961	0.760768	0.738263	0.890175
0.827217	1.00763	0.749563	0.745157	0.859482	0.740464	0.859104	0.750488	0.844207	0.720113
0.971377	0.814579	0.693639	0.763881	0.925029	0.859921	0.843729	0.938172	0.746338	0.627582
0.842347	0.889725	0.753699	0.738087	0.802542	0.734537	0.827665	0.635954	0.733291	0.895916
0.732912	0.86901	0.763151	0.782338	0.699724	0.903988	0.82888	0.63207	0.663141	0.749004
0.683033	0.826643	0.733403	0.766012	0.676549	0.760827	0.890187	0.711641	0.870517	0.898815
0.866079	0.649346	0.700019	0.814561	0.751179	0.747483	0.926703	0.692557	0.729354	0.91967
0.923978	0.667616	0.522412	0.785679	0.775556	0.811635	0.746064	0.604354	0.716799	0.981912
0.828458	0.931253	0.872435	0.766012	0.642346	0.85601	0.735145	0.698826	0.770429	0.990808
0.768216	1.178153	0.96323	0.784562	0.782147	0.742458	0.658093	0.659198	0.836615	0.579695
0.693836	0.714124	0.693639	0.810992	0.717477	0.66405	0.951796	0.789805	0.865126	0.893036
0.910262	0.615714	0.722632	1.072892	0.904012	0.809298	0.796088	0.694339	0.703673	0.845502
0.758588	0.714124	0.763151	0.880203	0.773381	1.174734	0.776243	0.599304	0.597668	0.745925
1.092031	0.870361	0.891986	0.770306	0.776648	0.871869	0.7635	0.748461	0.801683	0.735815
0.959453	0.780279	0.768493	0.816956	0.624276	0.697865	0.873692	0.849312	1.078801	0.709639
0.73391	0.561316	0.709298	0.874681	0.823943	0.815165	0.864352	0.805662	0.910253	0.885918
0.805466	0.71224	0.694545	0.74414	0.878405	0.921738	0.692239	0.566837	0.885697	0.994418
1.034461	0.825421	0.873803	0.604609	0.718432	0.97637	0.793837	0.631297	0.850637	1.024433
0.938142	0.771572	0.770648	0.71946	0.672231	0.891135	0.901541	0.798795	0.930015	0.758375
0.838515	0.812207	0.835791	1.01424	0.78884	1.15621	0.916165	0.97575	0.871875	0.726913
0.725987	0.809846	0.806668	0.839134	0.870194	0.895377	0.622636	0.574221	0.861126	0.85329
0.792691	0.837794	0.889139	0.725257	0.863468	0.754617	0.667219	0.67856	0.889931	0.812088
1.040493	0.802842	1.000095	0.715639	0.710852	0.903988	0.692239	0.710713	0.931573	0.691218
0.791548	0.721743	1.007486	0.718502	0.674817	0.997419	0.784951	0.895002	0.923838	0.821723
0.657148	0.736399	1.022657	0.919439	0.831317	0.817534	0.848794	0.77666	1.035073	0.801498
1.130135	1.154099	1.091525	1.047655	1.110165	0.747483	0.688701	0.897845	1.325845	1.082536
1.16108	1.011357	0.90651	0.716591	0.951996	0.920231	0.931299	1.167939	0.904349	0.783286
0.599207	0.768351	0.956549	0.858522	0.858161	1.257913	1.133575	1.206821	1.02528	0.749004
0.65298	0.706637	0.983911	1.016136	1.084996	0.909824	0.856503	1.072882	1.015702	0.719151
0.866079	0.972018	0.937103	1.008602	1.317558	0.995625	0.70212	1.358234	1.321993	0.974924

0.927086	0.915962	0.883499	0.919439	1.007805	0.969574	1.01606	1.036069	0.899973	0.881703
0.818628	0.844115	0.983911	0.799302	0.86884	1.82865	1.251215	1.230709	0.963969	0.910609
0.780281	1.128848	1.55511	0.990317	0.825163	1.027171	0.877758	0.9673	0.930015	0.800337
0.949487	1.43224	0.941884	1.209121	1.084996	0.740464	0.892998	1.26586	1.353812	0.996234
1.200212	1.319863	0.871072	1.06009	1.329103	1.063276	1.13851	1.396967	1.318174	1.208095
0.862033	1.230668	0.818566	1.019953	1.449695	1.369271	1.169361	1.034113	0.831627	1.264664
0.964523	1.093528	1.213429	1.166803	2.508954	1.008338	0.869665	1.028296	0.925374	0.921198
1.352847	1.151507	1.406247	1.190116	1.057017	0.898228	1.136036	1.533338	1.01193	1.018645
1.477121	1.215432	0.959877	1.526578	1.093981	1.344598	1.136036	1.020659	2.222483	1.162337
1.063359	1.304891	0.956549	1.150966	1.122473	1.570086	1.143502	0.7639	1.103594	1.472991
1.91734	1.20406	1.016906	0.959229	1.087225	0.956294	1.017936	1.015018	0.568972	1.114789
1.135141	1.272979	2.22755	1.319911	0.851618	0.827141	1.589157	1.206821	0.835363	1.184695
1.499841	0.889725	1.134268	1.469017	0.83756	0.893959	0.953413	1.000325	0.905817	1.012933
1.425035	1.243253	1.126845	1.130557	2.088927	2.087446	1.32085	0.962308	1.641673	1.367011
1.354115	2.529347	1.050552	1.118515	1.222444	1.069597	1.095991	1.154856	1.124987	2.019796
1.488332	1.212448	1.751254	1.221139	0.828845	0.835726	1.284638	1.097018	0.989958	1.222841
1.230493	0.956898	1.6756	1.532777	1.329103	1.302711	1.014192	1.047997	1.222971	1.036246
2.395072	1.159331	1.321685	1.279758	1.361479	1.257913	1.0313	0.812639	0.989958	0.806173
1.204643	1.197828	1.353562	1.707124	1.908076	1.348614	1.126276	1.011298	0.875976	1.060881
1.209077	1.389969	1.425332	0.71185	0.683549	0.824719	1.244828	1.005777	1.325845	1.55043
0.934955	0.795949	0.989239	0.68356	0.896746	0.881395	0.995942	1.206821	1.160514	1.241645
1.057002	0.795949	1.17615	1.246221	1.204515	1.447911	0.905877	0.885194	1.244887	0.938379
1.155767	0.829096	1.078164	1.413431	1.026826	0.941824	0.89159	0.694339	0.85585	0.767953
0.927086	1.249685	1.222506	0.821788	0.782147	1.352667	0.898675	0.679422	1.031129	0.884509
0.846214	1.33144	1.277868	0.760704	0.883966	1.340618	0.884619	0.769171	0.871875	0.873394
1.115451	1.015117	1.078164	0.955908	1.093981	0.908358	0.722583	0.947666	1.078801	0.701253
0.964523	0.802842	1.13178	0.949342	0.792225	0.835726	0.757266	0.918288	1.222971	0.862556
1.044562	1.017009	0.978648	0.659501	0.643149	1.08034	0.914681	0.7639	1.238512	0.968046
0.828458	1.013233	0.680277	0.653689	0.827614	1.377817	1.008636	0.749473	0.974179	1.046341
0.790408	0.878554	0.924606	0.950974	0.972094	0.886934	0.672278	1.032165	0.760843	0.571405
0.814999	1.283358	1.087026	0.974495	0.935931	0.877287	0.812174	0.93974	0.813414	0.620628
0.947848	0.963553	0.811388	0.703446	0.767991	0.882774	0.724492	0.74144	0.988176	0.784402
0.907272	0.834045	0.564658	0.622658	0.78884	1.038876	0.663878	0.789805	1.435277	1.235286
0.716281	0.832802	0.832042	0.762819	0.789965	0.668241	0.555473	0.789805	0.690036	0.631494
0.594106	0.926609	0.933945	0.867875	0.817892	0.63736	0.827665	0.867547	0.589781	0.601876
0.781395	0.770496	0.798529	0.836613	0.739986	0.604148	0.624152	0.841726	0.738263	0.784402
0.917829	1.107314	0.623607	0.824224	1.091717	0.711605	0.610696	0.715373	0.834114	0.948044
0.59994	0.980651	0.778276	0.792437	1.021032	0.680195	0.771954	0.704272	0.697256	0.6574
0.717242	0.966919	1.075976	0.995722	0.945499	0.651714	0.800623	0.788694	0.604229	0.720113
0.785878	0.877178	0.778276	0.933347	0.819095	0.801216	0.664711	0.833039	0.749406	0.870659
1.024589	0.889725	0.629811	0.636705	0.841349	0.752567	0.578091	0.942893	0.775848	0.672682
0.83095	0.837794	0.924606	0.914901	0.802542	0.862548	0.723537	0.841726	1.142387	0.640226
0.823515	1.40825	0.987456	0.901562	0.66966	0.97637	1.063485	0.748461	0.840395	0.994418
0.882653	1.003934	0.658046	0.757549	0.75221	0.652526	0.723537	0.883811	1.053277	1.040256
1.032469	0.847952	0.927697	1.062198	0.8896	0.706977	0.798349	1.162658	1.015702	1.114789
0.891184	0.922014	0.975174	0.865182	1.19012	1.098101	0.92065	0.70702	0.749406	1.028335
0.967937	0.879935	0.884902	0.831615	0.682668	0.997419	1.205457	0.794277	0.674217	0.898815

0.846214	1.151507	0.868358	0.901562	0.960258	0.748495	1.014192	1.144665	0.942639	0.793436
1.061229	0.635737	0.778276	1.558498	1.424689	0.866518	1.33233	1.401492	1.083205	0.9596
1.276781	0.820569	1.022657	1.021875	0.908431	1.123774	0.994158	0.759729	0.725452	1.141926
2.395072	1.550586	1.618737	1.033583	0.931225	1.556852	0.948579	0.81854	0.953994	1.874218
1.352847	1.995985	1.110005	1.035566	0.950363	1.017653	1.166704	1.139658	1.523269	1.278387
0.769299	0.733428	1.869224	2.312179	1.149593	1.651099	1.121749	1.103841	1.216907	1.678423
0.877058	0.950344	1.291988	1.180456	1.288192	1.418502	0.937503	0.899274	0.967346	0.973194
1.227368	1.249685	1.222506	0.826674	1.291756	1.31374	0.985349	1.120189	1.505355	1.154844
1.197297	0.891142	1.379106	1.150966	0.86884	2.71407	1.801765	1.416042	1.430327	0.761545
0.949487	0.915962	1.575301	1.147113	1.091717	1.405119	1.549039	1.041992	1.401757	1.358545
1.037318	2.120683	1.139287	1.14326	1.72884	1.2612	0.880489	0.962308	1.380151	1.439245
1.066131	1.102709	1.39701	0.995722	2.007359	1.563419	1.399277	1.539544	2.222483	2.711147
0.901352	0.987683	1.329437	1.133192	1.225505	1.939049	1.22018	1.379324	1.04307	0.99989
0.936546	1.095796	2.672486	1.919378	1.195821	1.16936	1.109707	0.968977	1.144931	1.069414
1.041443	3.359887	0.959877	1.041569	1.18259	1.306356	0.892998	1.013154	1.107172	1.232141
1.054546	1.047994	1.31786	1.156181	1.195521	1.208452	1.076197	1.22765	1.357958	1.29505
1.067648	1.061097	1.108639	1.514439	1.580926	1.201986	1.205219	1.753219	0.998978	2.104392
1.743696	1.913923	1.311539	1.210089	1.362264	2.025711	0.876398	1.175983	1.649755	1.009166
1.499841	1.884998	0.964916	1.558498	1.00967	0.778919	0.801765	1.026191	1.29879	1.421597
1.440016	1.557113	1.009354	0.967644	1.091717	1.229402	1.381548	1.135696	1.710975	1.512968
0.860692	1.85788	1.882995	1.437819	1.239431	1.234416	1.245202	1.272568	0.892776	2.060037
1.009247	1.312312	2.768536	1.24946	1.336973	1.340618	0.80636	1.255988	1.867598	0.924272
1.164042	0.970312	0.96323	2.312179	1.357298	0.824719	0.939068	1.883369	1.596108	1.21675
1.174655	1.175413	0.825865	0.960899	1.084996	0.983273	0.983608	0.96563	0.963969	0.894473
1.183008	1.537819	0.90651	1.106652	1.024886	0.88973	0.950184	0.682017	0.668218	0.874768
0.822289	1.005778	1.23807	0.799302	1.00967	0.607796	0.59056	0.67513	0.535109	0.559258
1.028511	0.71887	0.701859	0.89004	0.541818	0.601251	0.608494	0.949269	0.56965	0.756275
0.794986	0.877178	0.853727	0.544189	0.552775	0.714407	0.70577	0.780997	0.690036	0.583901
0.731916	0.587311	0.534159	0.71185	0.574181	0.848292	0.859104	0.555018	0.550411	0.709639
0.634306	0.692039	0.593133	0.89004	0.756363	0.584263	0.585668	0.486269	0.588362	0.578999
0.441196	0.496655	0.552723	0.645518	0.726147	0.471759	0.506487	0.464172	0.563587	0.48877
0.465287	0.451587	0.508015	0.514463	0.443175	0.498268	0.563983	0.468927	0.566945	0.481476
0.524629	0.46895	0.539201	0.552602	0.501141	0.48206	0.493369	0.560887	0.47223	0.397738
0.552021	0.580318	0.526703	0.62729	0.524353	0.471224	0.446545	0.590078	0.613134	0.326786
0.445291	0.551468	0.536043	0.455766	0.498829	0.464323	0.538315	0.544776	0.444413	0.454513
0.426668	0.585903	0.616732	0.422557	0.549524	0.523472	0.582898	0.551791	0.457312	0.482033
0.621773	0.52994	0.592416	0.555882	0.515278	0.65497	0.490011	0.499745	0.57169	0.415054
0.69111	0.459919	0.502155	0.578868	0.479658	0.528938	0.508228	0.477511	0.495042	0.50315
0.466905	0.600916	0.585308	0.338284	0.413292	0.550872	0.51173	0.479684	0.586948	0.6574
0.486248	0.574803	0.539201	0.427919	0.532998	0.525286	0.566635	0.551791	0.582035	0.537834
0.474539	0.442401	0.490665	0.488894	0.554083	0.621948	0.496187	0.594312	0.54015	0.378006
0.595557	0.501835	0.628252	0.751309	0.724205	0.668241	0.497319	0.432268	0.458361	0.478151
0.58408	0.56198	0.51756	0.624968	0.498829	0.687177	0.512904	0.507224	0.603495	0.518628
0.569462	0.452103	0.485593	0.663701	0.477458	0.578745	0.574013	0.524385	0.611637	0.79116
0.477298	0.542474	0.570069	0.569935	0.568053	0.623465	0.514081	0.703359	0.563587	0.536569
0.490222	0.556036	0.596737	0.643903	0.605451	0.594802	0.608494	0.491833	0.589781	0.544858
0.575667	0.617222	0.509789	0.632757	0.582489	0.601251	0.483921	0.573544	0.537622	0.548738

0.611096	0.570035	0.695453	0.62574	0.541182	0.535093	0.569973	0.575577	0.598392	0.611526
0.432621	0.599464	0.639286	0.525988	0.615892	0.486471	0.580145	0.629755	0.449527	0.497918
0.528972	0.588017	0.682916	0.604609	0.556051	0.527108	0.488897	0.558922	0.575111	0.607046
0.624873	0.536789	0.516958	0.49572	0.580397	0.542595	0.515261	0.7639	0.602031	0.67965
0.511854	0.565318	0.604035	0.520491	0.639946	0.729659	0.588457	0.783183	0.814605	0.50315
0.528972	0.905569	0.77499	0.57679	0.621973	0.542595	0.620372	0.712571	0.598392	0.524117
0.658827	0.711301	0.680277	0.622658	0.549524	0.4943	0.579459	0.697025	0.579252	0.540375
0.725006	0.538046	0.461082	0.534679	0.671372	0.519866	0.604121	0.739454	0.643406	0.627582
0.690205	0.603836	0.56533	0.571297	0.586703	0.455977	0.439044	0.63207	0.704598	0.522279
0.646393	0.615714	0.664766	0.657	0.468227	0.480964	0.538939	0.487376	0.547823	0.630709
0.692925	0.663396	0.6838	0.606084	0.527421	0.464323	0.580831	0.574221	0.482653	0.529055
0.734911	0.614211	0.609219	0.632757	0.554738	0.475526	0.587758	0.636735	0.578559	0.51621
0.518498	0.658385	0.593133	0.624196	0.685317	0.561939	0.565307	0.604354	0.793657	0.596768
0.568778	0.542474	0.625923	0.557201	0.590246	0.601251	0.550319	0.459988	0.509564	0.723986
0.708669	0.588723	0.543022	0.579562	0.639946	0.531389	0.562004	0.510135	0.596223	0.593875
0.629564	0.65016	0.599642	0.73909	0.625817	0.556045	0.645949	0.521378	0.613134	0.457661
0.541625	0.545665	0.601833	0.572664	0.66541	0.591261	0.624912	0.445152	0.460994	0.501982
0.639905	0.645299	0.6033	0.475557	0.550172	0.62728	0.572662	0.495771	0.512527	0.633068
0.535885	0.496083	0.409226	0.503821	0.58179	0.504578	0.48009	0.54037	0.571009	0.619098
0.502367	0.463085	0.480025	0.578174	0.588116	0.521065	0.61812	0.504332	0.598392	0.525962
0.525865	0.607513	0.538567	0.522315	0.552123	0.538828	0.540815	0.446663	0.51671	0.597494
0.565375	0.732442	0.478369	0.420142	0.51468	0.543858	0.477374	0.395313	0.399991	0.593155
0.447353	0.455733	0.49408	0.513865	0.550172	0.49713	0.469858	0.434225	0.311071	0.432592
0.459935	0.408885	0.440398	0.499751	0.529891	0.582877	0.499024	0.541624	0.589781	0.465634
0.438656	0.41029	0.456341	0.502654	0.488575	0.365798	0.452641	0.492955	0.444921	0.388658
0.331484	0.319239	0.416812	0.390807	0.378288	0.364122	0.389437	0.424046	0.388219	0.405142
0.369507	0.400552	0.315338	0.34431	0.365379	0.416498	0.370824	0.342196	0.339667	0.322135
0.677732	0.754664	0.577622	0.538458	0.553428	0.537579	0.454178	0.400728	0.268362	0.226971
0.041292	0.020646	0.279552	2.183127	2.007359	1.54401	2.01982	0.931956	0.570329	0.358293
0	0	0	0	0	0	0	0	0.179147	1.201886
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0.565956	0.710356	0.640292	0.607128	0.646582	0.857886	0.866875	0.765526	0.716528	0.687449
0.547443	0.618191	0.672533	0.683076	0.671102	0.715906	0.717691	0.752847	0.720477	0.649117
0.562591	0.583387	0.830111	0.760319	0.743845	0.650863	0.652941	0.664578	0.776501	0.712382
0.74784	0.674539	0.523614	0.484049	0.578261	0.852587	0.621938	0.512681	0.798485	0.735698
0.587417	0.57374	0.46131	0.677866	0.608059	0.724644	0.798398	0.636606	0.519937	0.550334
0.952601	0.871187	0.657355	0.682204	0.76062	0.651692	0.652941	0.667134	0.563967	0.54359
0.815479	0.785583	0.800319	1.004569	0.720813	0.55277	0.564526	0.702746	0.764264	0.794733
0.776488	0.608487	0.544831	0.608597	0.661637	0.717832	0.61888	0.83389	0.860922	0.672787
0.694748	0.653565	0.615516	0.652713	0.583206	0.515468	0.697142	0.712125	0.572347	0.603018
0.928598	0.706639	0.726367	0.787228	0.68256	0.545568	0.725411	0.638203	0.715546	0.691193
0.746815	0.68147	0.747261	0.780616	0.660787	0.533403	0.729323	0.787516	0.754502	0.874392
0.545505	0.621983	0.615516	0.856937	0.716929	0.584963	0.712934	0.736498	0.729495	0.656864
0.561922	0.612194	0.556498	0.603476	0.658246	0.685292	0.69623	0.527299	0.573053	0.686518
0.767801	0.75247	0.796877	0.638291	0.601341	0.619735	0.570618	0.506142	0.487436	0.571931
0.734693	0.643047	0.663194	0.753074	0.580373	0.603853	0.617359	0.649545	0.6917	0.710412
0.566632	0.541569	0.67082	0.783909	0.634422	0.673801	0.739261	0.83389	0.746005	0.693077
0.716166	0.793423	0.626954	0.602024	0.746942	0.66602	0.559845	0.580619	0.651822	0.813009
0.802477	0.986642	0.710159	0.545677	0.719839	0.684397	0.587296	0.663729	0.623154	0.632379
0.662366	0.696576	0.712976	0.562554	0.592541	0.777782	0.83944	0.900193	0.575887	0.52205
0.563934	0.757643	0.754455	0.566544	0.495963	0.694343	0.678394	0.703675	0.545683	0.54359
0.567987	0.722663	0.70458	0.732037	0.667636	0.532772	0.430283	0.561438	0.734587	0.600722
0.755088	0.855261	0.64996	0.68835	0.736705	0.580718	0.628899	0.631065	0.640952	0.680056
0.623662	0.660167	0.608795	0.660936	0.944107	0.871423	0.896161	0.807124	0.585228	0.76477
0.703931	0.75973	0.709224	0.672717	0.699869	0.761467	0.645588	0.656996	0.573053	0.608423
0.691129	0.739302	0.665721	0.68835	0.586773	0.546218	0.68722	0.689048	0.580173	0.596923
0.609246	0.613685	0.864762	0.721412	0.604314	0.647566	0.689007	0.697215	0.645935	0.559954
0.542935	0.585483	0.523614	0.607862	0.497126	0.686189	0.801867	0.685466	0.594033	0.582048
0.803643	0.632777	0.555842	0.692794	0.592541	0.558084	0.681023	0.723654	0.54238	0.604555
0.762459	0.632777	0.70458	0.655983	0.532312	0.603853	0.694413	0.639003	0.561209	0.694022
0.737692	0.661	0.673392	0.575316	0.676352	0.703587	0.730307	0.740528	0.579456	0.606098
0.671743	0.639068	0.688261	0.649466	0.783669	0.725625	0.648025	0.643837	0.724462	0.663869
0.648261	0.593254	0.75033	0.771954	0.648229	0.643479	0.652118	0.598491	0.69356	0.664753
0.649078	0.655207	0.617024	0.651899	0.599124	0.763607	0.69623	0.620957	0.911745	0.83339
0.506107	0.678858	0.674253	0.708254	0.670233	0.640237	0.689007	0.689048	0.764264	0.62667
0.521684	0.524811	0.649146	0.810023	0.724732	0.606087	0.651296	0.752847	0.645935	0.564144
0.57345	0.631997	0.720577	0.712907	0.570602	0.505289	0.474396	0.592692	0.656932	0.663869
0.640974	0.622745	0.590654	0.620535	0.681667	0.660062	0.518032	0.606594	0.778763	0.570505
0.742736	0.768178	0.56984	0.647047	0.78593	0.629865	0.565198	0.586968	0.585228	0.552377
0.604054	0.562971	0.556498	0.635151	0.701732	0.504107	0.576798	0.75077	0.588143	0.617054
0.638573	0.703871	0.511601	0.589168	0.553019	0.535301	0.614332	0.662881	0.573053	0.539593
0.597467	0.518764	0.470374	0.56388	0.558354	0.54169	0.537171	0.718813	0.565352	0.632379
0.71904	0.467297	0.559134	0.623571	0.641677	0.584253	0.527805	0.568191	0.575887	0.625052
0.664904	0.697481	0.61028	0.561232	0.609567	0.669461	0.66633	0.440552	0.594775	0.663869
0.620587	0.713166	0.662355	0.509063	0.517405	0.550137	0.609832	0.614094	0.498001	0.508879
0.525975	0.589704	0.652411	0.632033	0.569224	0.682613	0.823286	0.722681	0.702031	0.554431
0.4843	0.527253	0.607316	0.677866	0.520469	0.592132	0.66633	0.795483	0.650976	0.484262
0.537841	0.637487	0.612516	0.625863	0.722768	0.763607	0.61888	0.689048	0.653518	0.718345

0.772123	0.775707	0.569163	0.509063	0.561046	0.631445	0.746355	0.632641	0.543039	0.793542
0.665753	0.699297	0.714864	0.676143	0.635222	0.756162	0.639953	0.656996	0.508222	0.468217
0.611491	0.783369	0.786713	0.897923	0.714039	0.715906	0.603168	0.688149	0.599253	0.509497
0.630661	0.741302	0.580122	0.750006	0.80209	0.561438	0.602434	0.749735	0.660372	0.691193
0.71904	0.922799	0.584304	0.563217	0.576858	0.566179	0.592284	0.726584	0.712614	0.781803
0.588127	0.703871	0.641089	0.651899	0.534212	0.665164	0.743301	0.737502	0.766463	0.689317
0.678693	0.663506	0.626954	0.820685	0.678117	0.621278	0.668033	0.748702	0.655222	0.736741
0.858319	0.678858	0.728314	0.750006	0.654881	0.699866	0.835659	0.805946	0.677098	0.809292
0.746815	0.616684	0.729291	0.573276	0.591816	0.535936	0.682785	0.681031	0.775374	0.679141
0.66831	0.631219	0.712035	0.702734	0.707368	0.891114	0.744316	0.639805	0.782179	0.723377
0.813086	0.706639	0.821561	0.811195	0.743845	0.741644	0.711046	0.677515	0.98727	0.880163
0.71904	0.771388	0.75342	0.667629	0.709264	0.762536	0.764082	0.665428	0.879112	0.813009
0.611491	0.774623	0.759668	0.815914	0.874902	0.721711	0.880575	0.746644	0.627936	0.680056
0.65817	0.828724	0.92638	0.882442	0.940858	0.652522	0.68633	0.851824	0.66384	0.768124
0.778687	0.85008	0.885278	0.774103	0.764917	0.702654	0.723468	0.775284	0.754502	0.894937
0.801314	0.672823	0.720577	0.850467	0.939242	0.695259	0.747378	0.871898	0.688003	0.650827
0.672606	0.666027	0.800319	0.847905	0.649883	0.696176	0.731293	0.65119	0.556425	0.564846
0.748868	0.797967	0.770285	0.918459	0.562398	0.663456	0.651296	0.542427	0.712614	0.788808
0.911801	1.051162	0.746243	0.778434	0.628074	0.59358	0.7225	0.726584	0.862294	0.902516
1.03776	0.686742	0.692733	1.128825	0.826272	0.751964	0.90051	0.692659	0.695428	0.776051
1.035763	0.609966	0.645099	0.813548	0.79509	0.805231	0.740267	0.64709	0.581612	0.778343
0.901442	0.954366	0.820353	0.646244	0.693411	0.794733	0.700806	0.591254	0.679798	0.874392
1.041782	0.933589	0.831346	0.697284	0.631236	0.726609	0.67232	0.783028	0.784471	0.704556
0.713312	0.641451	0.902419	0.811195	0.712122	0.847352	0.580269	0.633431	0.704892	0.619438
0.625983	0.796827	0.946871	1.044843	0.811602	0.896907	0.724439	0.712125	0.8093	0.646565
0.849147	0.852663	0.649146	0.844092	0.756366	0.67995	0.828193	0.749735	0.834345	0.61076
0.691129	0.829952	0.577356	0.631256	0.691584	0.655021	0.849688	0.90608	0.833057	1.033615
0.610741	0.882138	0.817948	0.655983	0.78593	0.672929	0.694413	0.887232	0.662103	0.743051
0.690228	0.86448	0.964998	0.774103	0.793935	0.747807	0.706362	0.795483	0.701082	0.741993
0.822738	0.875261	0.715811	0.956095	0.658246	0.580718	0.570618	0.817875	0.791422	0.750529
0.944452	0.814258	0.677713	0.844092	0.743845	0.673801	0.586588	0.826425	1.069793	0.929323
0.7743	0.668563	0.615516	1.084807	1.012885	1.063737	0.797247	0.612584	0.744955	0.80806
0.888475	0.719792	0.73027	0.859552	0.936028	0.711126	0.848394	0.589106	0.626336	0.715353
0.763522	0.749396	0.706432	0.516739	0.636024	0.798205	0.814831	0.690849	0.649289	0.710412
0.836371	0.658507	0.597098	0.62281	0.869374	0.947907	0.90051	0.794336	0.753431	0.568374
0.828882	0.660167	0.728314	0.93687	0.842745	0.823313	0.728342	0.828899	0.910208	0.728469
0.724844	0.694771	0.842624	0.835321	0.670233	0.729575	0.694413	0.823965	0.950386	1.061368
0.94607	1.122123	1.215145	0.677866	0.64576	1.009465	0.890428	0.990905	1.13419	0.839961
0.767801	0.796827	0.807285	0.835321	0.80682	0.792435	0.822068	0.996344	0.913289	0.896442
0.5769	0.706639	0.690044	0.909539	0.889037	0.646746	0.742287	0.851824	0.631154	0.679141
0.797844	0.884919	0.67082	0.573276	0.711167	0.708284	0.630461	0.630279	0.677996	0.787633
0.800155	0.763933	0.831346	0.732037	0.780301	0.665164	0.596605	0.746644	0.736641	0.773771
0.771038	0.684098	0.761771	0.744939	0.83761	0.820858	0.721534	0.668847	0.6917	0.586457
0.672606	0.755567	0.803788	0.683076	0.705481	1.011358	0.893285	0.700895	0.700134	0.734658
0.737692	0.984882	0.77244	0.703649	0.690673	0.600893	0.679268	0.670567	0.736641	0.82054
0.895631	0.659337	0.731251	0.810023	0.695246	0.511848	0.631244	0.652841	0.784471	0.767003
1.049939	0.686742	0.73027	0.90807	0.746942	0.611343	0.669743	0.632641	0.624742	0.728469

0.759284	0.867151	0.815555	0.686585	0.712122	0.714946	0.534654	0.56278	0.527501	0.881618
0.788724	0.689402	0.707361	0.587763	0.693411	0.6907	0.657914	0.757032	0.690773	0.765885
0.600382	0.528479	0.642689	0.614525	0.602082	0.789009	0.739261	0.817875	0.851434	0.665638
0.557262	0.671968	0.867442	0.691011	0.735695	0.784483	0.6706	0.664578	0.637661	0.587196
0.712365	0.712227	0.689152	0.863505	0.909631	0.701722	0.601701	0.751807	0.664712	0.663869
0.690228	0.976188	0.635537	0.686585	0.723749	0.674674	0.729323	0.819086	0.876263	0.739884
0.607013	0.832417	0.632397	0.656805	0.818875	0.548827	0.749431	0.680149	0.614522	0.850685
0.667456	1.061513	0.683835	0.73106	0.876295	0.767919	0.711046	0.66035	0.688003	0.692134
0.622122	0.767113	0.803788	0.851753	0.705481	0.547521	0.633602	0.785266	0.710671	0.781803
0.701156	0.622745	0.890917	0.957736	0.672845	0.683504	0.567223	0.728549	0.625539	0.649971
0.864991	0.627346	0.561786	0.783909	0.720813	0.771182	0.704502	0.583429	0.855475	0.83339
0.964274	0.821431	0.718664	0.935305	0.845336	0.978475	0.745335	0.650367	0.678896	0.777195
0.750932	0.85137	0.793463	0.782809	0.632826	0.691608	0.869581	0.714979	0.783324	0.834696
0.613747	0.632777	0.774605	0.654345	0.563755	0.637019	0.756695	0.54954	0.678896	0.646565
0.605531	0.61145	0.680326	0.778434	0.873513	0.671191	0.46201	0.641413	0.732543	0.540257
0.759284	0.619704	0.820353	0.926036	0.874902	0.760401	0.59951	0.742557	0.69356	0.62667
0.705791	0.641451	0.692733	0.575998	0.502993	0.672929	0.710105	0.755982	0.805665	0.781803
0.635391	0.924324	0.598543	0.576682	0.548404	0.756162	0.673182	0.712125	0.817903	0.655131
0.648261	0.810715	0.76814	0.715724	0.741793	0.641855	0.719608	0.732506	0.546347	0.592407
0.619822	0.769245	0.744214	0.61752	0.709264	0.498827	0.579573	0.662036	0.559837	0.62586
0.596017	0.682344	0.654876	0.628166	0.586773	0.523416	0.591568	0.617131	0.669095	0.852044
0.843991	0.666871	0.463426	0.530659	0.774744	0.562112	0.54289	0.704606	0.66384	0.657734
0.697483	0.633559	0.530366	0.637504	0.660787	0.6907	0.531527	0.56278	0.564659	0.803166
0.699315	0.732373	0.755493	0.744939	0.521084	0.579312	0.589427	0.64222	0.709702	0.750529
0.783119	0.863151	0.667414	0.618271	0.53105	0.546869	0.638357	0.619422	0.768674	0.780647
0.727775	0.676261	0.651592	0.700001	0.561722	0.655857	0.834405	0.744596	0.597755	0.621035
0.632232	0.80954	0.743203	0.655163	0.522318	0.528381	0.622706	0.580619	0.638481	0.781803
0.669166	0.677125	0.773521	0.640662	0.733681	0.706399	0.54739	0.546292	0.627135	0.803166
0.805985	0.733356	0.752387	0.670166	0.578964	0.61743	0.709166	0.677515	0.721469	0.570505
0.648261	0.632777	0.774605	0.61602	0.598388	0.790148	0.67665	0.710233	0.639303	0.542921
0.606272	0.661	0.6856	0.685705	0.663343	0.744714	0.625018	0.778586	0.645935	0.542921
0.822738	0.729438	0.613264	0.752049	0.77585	0.651692	0.705431	0.961312	0.673523	0.743051
0.655671	0.863151	0.740184	0.616769	0.792782	0.844758	0.868226	0.835147	0.640952	0.845289
0.638573	0.85008	0.675115	0.615272	1.061351	0.811175	0.727363	0.814262	0.675307	0.729494
0.753005	0.893372	0.890917	0.70918	0.734687	0.657534	0.622706	0.826425	0.766463	0.771503
0.809521	0.781166	0.788951	0.813548	0.69894	0.511848	0.61888	0.777482	0.69356	0.563443
0.65817	0.67368	0.7009	0.684827	0.619493	0.582835	0.635973	0.591972	0.570939	0.672787
0.749899	0.748376	0.712976	0.821886	0.727694	0.757218	0.68633	0.543068	0.583055	0.663869
0.858319	0.780069	0.614764	0.744939	0.796249	0.585675	0.667181	0.646274	0.675307	0.624246
0.809521	0.806036	0.786713	0.795071	0.632826	0.695259	0.766216	0.708349	0.702983	0.856147
0.669166	0.724588	0.769211	0.677866	0.788202	0.86056	0.932243	0.75389	0.862294	0.744111
0.664056	0.52542	0.645099	0.757199	0.791633	0.792435	0.593719	0.793192	0.736641	0.59996
0.749899	0.627346	0.752387	0.691902	0.671972	0.618965	0.585882	0.58132	0.751296	0.749453
0.678693	0.817829	0.809632	0.729113	0.644122	0.685292	0.744316	0.721711	0.85683	0.557875
0.574138	0.629666	0.589235	0.730086	0.725717	0.720738	0.639154	0.837671	0.644267	0.525888
0.561922	0.634341	0.764944	0.790572	0.89192	0.748842	0.749431	0.83389	0.620783	0.692134
0.851747	0.861826	1.01299	0.763461	0.877692	0.875568	0.695321	0.744596	0.96407	0.921266

0.887058	0.927391	0.648333	0.648658	0.89192	0.987362	0.67578	0.75914	1.03162	0.874392
0.644198	0.777882	0.694535	0.729113	0.77585	0.74988	0.994501	0.887232	0.683426	0.718345
0.609993	0.848794	0.784486	0.883827	0.811602	0.598686	0.932243	0.944802	0.6917	0.692134
0.634599	0.863151	0.905343	0.829162	0.832534	0.723664	0.691702	0.900193	0.810519	0.628293
0.784235	0.615933	0.591365	0.726209	0.881912	0.759337	0.583066	0.909054	0.85683	0.747308
0.822738	0.668563	0.633964	0.68835	0.685247	0.57166	0.513824	0.555448	0.596262	0.716348
0.683093	0.729438	0.903879	0.746959	0.656561	0.806414	0.836916	0.595582	0.669095	0.924471
0.659006	0.760777	0.762826	0.736954	0.737718	0.750921	0.749431	0.743575	0.85683	0.738834
0.730726	0.667716	0.790075	0.854337	0.559025	0.603853	0.927565	0.777482	0.70681	0.655131
0.671743	0.609226	0.727339	0.921474	0.877692	0.721711	0.766216	0.541786	0.619209	0.693077
0.649078	0.666871	0.699072	0.589168	0.664198	0.886818	0.711989	0.652015	0.773129	0.704556
0.639372	0.678858	0.843896	0.611551	0.650712	0.733561	0.704502	0.6828	0.760985	0.712382
0.699315	0.778974	1.079911	0.649466	0.590369	0.660062	0.600969	0.731513	0.669977	0.670093
0.623662	0.760777	1.052305	0.959384	0.805633	0.672059	0.741276	0.70929	0.8093	0.704556
0.659006	0.632777	0.699985	0.921474	1.003434	0.720738	0.646399	0.75389	0.930636	0.712382
0.869044	0.797967	0.717711	0.561893	0.799744	0.735568	0.7961	0.719777	0.670861	0.745174
0.590979	0.748376	0.642689	0.635151	0.689764	0.733561	0.715782	0.6963	0.541722	0.606098
0.720966	0.932031	0.734208	0.767687	0.673719	0.719768	0.723468	0.922694	0.66646	0.649117
0.923952	0.784475	0.64996	0.818293	0.790486	0.598686	0.819642	1.007429	0.626336	0.629923
0.720002	0.590412	0.581512	0.655163	0.783669	0.807599	0.750462	0.748702	0.890697	0.803166
0.662366	0.648679	0.611024	0.677004	0.596186	0.691608	0.728342	0.588392	0.576598	0.709431
0.696569	0.912272	0.745227	0.800761	0.803268	0.704522	0.669743	0.610328	0.485122	0.692134
0.895631	0.670262	0.658184	0.733016	0.64576	0.650037	0.835659	0.761258	0.592553	0.83079
0.905851	0.662669	0.75342	0.737944	0.726704	0.713988	0.789279	0.619422	0.646771	0.725407
0.756133	0.794555	0.652411	1.021374	0.784798	0.891114	0.798398	0.688149	0.765362	0.692134
1.093197	0.918256	0.794598	1.036878	0.91723	0.672059	0.69897	0.66035	0.676201	0.826918
0.755088	0.734342	1.02249	0.708254	0.603569	0.789009	0.872303	0.707411	0.645935	0.843951
0.757181	0.655207	0.852902	0.628937	0.624934	0.927096	0.886178	0.703675	0.749172	0.711396
0.714261	0.696576	0.955017	0.815914	0.967563	0.93181	0.741276	0.912049	0.785622	0.637333
0.86231	0.804874	0.968376	0.825509	0.671972	0.74988	0.652118	0.632641	0.688924	0.584982
0.780898	0.790046	0.646713	0.557291	0.728686	0.68889	0.612076	0.692659	0.786776	0.782963
0.749899	0.8275	0.584304	0.575316	0.699869	0.806414	0.657081	0.61561	0.580173	0.596923
0.567309	0.717888	0.657355	0.624334	0.749018	0.687988	0.804195	0.766599	0.548344	0.537609
0.561922	0.707565	0.80495	0.795071	0.680777	0.644294	0.667181	0.687253	0.562586	0.683737
0.625208	0.646256	0.752387	0.686585	0.911141	0.694343	0.559181	0.747672	0.803259	0.785292
0.746815	0.841159	0.675979	0.780616	0.868003	0.760401	0.668033	0.702746	0.702031	0.673689
0.750932	0.76605	0.688261	0.756164	0.744875	0.680836	0.932243	0.692659	0.575177	0.748379
0.80716	0.957653	0.747261	0.796203	0.757425	0.663456	0.754607	0.732506	0.662971	0.725407
0.671743	0.728463	0.75342	0.815914	0.739751	0.68889	0.741276	0.866453	0.835635	0.729494
0.831364	0.601166	0.675979	0.841567	0.803268	0.679067	0.797247	0.723654	0.717512	0.709431
0.775393	0.598272	0.777874	0.81473	0.641677	0.851272	0.758793	0.590537	0.613745	0.814255
0.955905	0.906368	0.886681	0.740929	0.490763	0.614376	0.624246	0.597762	0.667336	0.623441
0.79326	0.767113	0.659848	0.578738	0.491338	0.63303	0.60464	0.530407	0.642606	0.658605
0.594572	0.546022	0.63318	0.800761	0.722768	0.775571	0.806536	0.595582	0.627936	0.709431
0.683093	0.664345	0.630835	0.744939	0.6685	0.738595	0.603904	0.524213	0.621572	0.799532
0.642583	0.729438	0.73027	0.682204	0.658246	0.70734	0.600969	0.685466	0.609116	0.704556
0.67347	0.933589	0.80495	0.613036	0.613358	0.528381	0.559845	0.745619	0.819145	0.622637

0.665753	0.656854	0.771361	0.599855	0.559698	0.666877	0.521671	0.591972	0.664712	0.655997
0.697483	0.831183	0.819149	0.631256	0.628862	0.648388	0.618118	0.531657	0.664712	0.625052
0.820305	0.883527	0.709224	0.665107	0.929671	0.684397	0.6166	0.656162	0.775374	0.660353
0.674336	0.651115	0.675979	0.683951	0.724732	0.735568	0.782564	0.891509	0.66384	0.789987
0.632232	0.677125	0.742194	0.698188	0.937632	0.825781	0.692604	0.657832	0.57376	0.606872
0.603317	0.777882	0.832585	0.773027	0.744875	0.58925	0.57404	0.705539	0.61297	0.617847
0.733698	0.897661	0.755493	0.92451	0.890476	0.544271	0.668033	1.050682	0.834345	0.540257
0.744771	0.800257	0.673392	0.687467	0.716929	0.74988	0.844534	0.735497	0.670861	0.857524
0.690228	0.843689	0.611024	0.648658	0.796249	0.733561	0.693508	0.542427	0.55439	0.716348
0.777586	0.891952	0.616269	0.734981	0.836335	0.686189	0.649658	0.662036	0.573053	0.625052
0.698398	0.656029	0.665721	0.789454	0.598388	0.652522	0.633602	0.740528	0.646771	0.677316
0.836371	0.619704	0.875583	0.821886	0.628862	0.656695	0.632814	0.678391	0.673523	0.603786
0.601847	0.605544	0.590654	0.703649	0.620266	0.716868	0.704502	0.614094	0.749172	0.633201
0.846561	0.658507	0.671676	0.803058	0.80682	0.847352	0.797247	0.617893	0.652669	0.680056
0.749899	0.625039	0.743203	0.690122	0.631236	0.729575	0.714831	0.610328	0.703936	0.729494
0.726796	0.74533	0.843896	0.604933	0.625717	0.687087	0.83191	0.692659	0.650132	0.613895
0.691129	0.624273	0.717711	0.687467	0.730677	0.759337	0.745335	0.969809	0.690773	0.544259
0.615258	0.556374	0.859451	0.883827	0.780301	0.734563	0.609087	0.699051	0.810519	0.770374
0.841436	0.715993	0.821561	0.727175	0.680777	0.759337	0.583768	0.680149	0.979998	0.988479
0.759284	0.939877	0.73027	0.562554	0.721789	0.914767	1.060833	0.700895	0.699189	0.588679
0.619822	0.717888	0.675115	0.690122	0.84017	0.666877	0.835659	0.837671	0.671746	0.639831
0.621354	0.57374	0.723462	0.737944	0.911141	0.720738	0.657914	0.857087	0.803259	0.845289
0.683979	0.674539	0.906812	0.648658	0.746942	0.736574	0.57749	0.624042	0.803259	0.774909
0.828882	0.928932	0.692733	0.70091	0.876295	0.86325	0.681903	0.586258	0.70585	0.676407
0.705791	0.699297	0.615516	0.628937	0.727694	0.580014	0.805364	0.747672	0.626336	0.74624
0.616015	0.837391	0.77244	0.759277	0.741793	0.488457	0.609832	0.67664	0.677996	0.858905
0.660683	0.768178	0.826426	0.707329	0.589647	0.547521	0.561845	0.781913	0.798485	0.839961
0.788724	0.696576	0.657355	0.966037	0.779184	0.734563	0.66633	0.773096	0.672634	0.621835
0.864991	0.731393	0.677713	0.825509	0.702666	0.95954	1.078032	0.7335	0.620783	0.970228
0.805985	0.738305	0.735199	0.882442	0.607308	0.70546	0.843255	0.729535	0.714567	0.854775
0.697483	0.804874	0.732235	0.683951	0.582496	0.51973	0.642359	0.749735	0.819145	0.951001
0.842712	0.718839	0.664035	0.86483	0.924964	0.755109	0.825733	0.735497	0.70681	0.979258
0.813086	0.758685	0.796877	0.773027	0.702666	0.726609	0.700806	0.661192	0.617641	0.745174
0.838896	0.843689	0.915734	0.675284	0.57546	0.712078	0.623475	0.595582	0.672634	0.613109
0.803643	0.712227	0.696344	0.647852	0.573371	0.658375	0.793814	0.878801	0.846103	0.620236
0.713312	0.64949	0.790075	0.81473	0.632826	0.669461	0.857536	0.835147	0.702983	0.789987
0.766727	0.655207	0.763884	0.635151	0.640054	0.757218	0.605378	0.611831	0.777631	0.902516
0.7743	0.832417	0.958318	0.603476	0.731676	0.992783	0.615087	0.545646	0.669095	0.762548
0.800155	0.990183	0.927922	0.739932	0.608059	0.741644	0.770516	0.75914	0.678896	0.564144
0.83261	0.713166	0.91274	0.849184	0.700799	0.825781	0.963098	0.854447	0.670861	0.511979
0.666603	0.790046	0.828879	0.93687	0.947382	0.6907	0.668033	0.661192	0.764264	0.633201
0.726796	0.772464	0.744214	0.716666	0.790486	0.544919	0.535911	0.75077	0.846103	0.778343
0.671743	0.821431	0.73027	0.625098	0.708315	0.674674	0.600969	0.698132	0.667336	1.105415
0.874507	0.924324	0.950111	0.576682	0.828766	0.943015	0.943357	0.787516	0.551693	0.572646
0.741723	0.836142	0.955017	0.673571	0.723749	0.712078	0.700806	0.861076	0.551693	0.641505
0.743752	0.823848	0.697251	0.888008	0.761691	0.575122	0.682785	0.736498	0.765362	0.613895
0.783119	0.857875	0.725397	0.733016	0.787064	0.772275	0.909343	0.711178	0.639303	0.755951

0.611491	0.774623	0.57598	0.586362	0.999711	0.934982	0.926017	0.904601	0.684337	0.715353
0.765656	1.107904	0.697251	0.695483	0.791633	0.586387	0.691702	0.850518	0.596262	0.824356
0.814281	0.713166	0.757575	0.738937	0.644941	0.583543	0.800707	0.978475	0.728484	0.728469
0.744771	0.643047	0.91125	0.915466	0.628862	0.691608	0.780348	0.828899	0.862294	0.724391
0.780898	0.848794	0.73322	0.820685	0.861213	0.766837	0.819642	0.692659	0.718498	0.787633
0.854364	0.906368	0.754455	0.899358	0.77585	0.687988	0.698055	0.614094	0.578025	0.907128
0.748868	0.936721	0.821561	0.845359	0.599124	0.636219	0.820853	0.854447	0.677996	0.864473
0.843991	0.586886	0.867442	0.836563	0.739751	0.776675	0.798398	0.863756	0.948706	0.930953
0.794402	0.731393	0.777874	0.919964	0.954005	0.951199	0.83944	0.778586	0.887772	0.719347
0.952601	0.786694	0.756533	1.027123	0.897744	0.760401	0.847104	0.609579	0.808085	0.75269
0.7229	0.588293	0.582906	0.693688	0.642491	0.767919	1.038245	0.79205	0.911745	0.932589
0.587417	0.605544	0.775692	0.739932	0.58108	0.700793	0.75253	0.6963	0.862294	0.601486
0.709535	0.628891	0.619295	0.743933	0.697089	0.885396	0.678394	0.680149	0.826679	0.639831
0.867689	0.648679	0.698161	0.972793	0.897744	0.847352	0.719608	0.689947	0.92743	0.919672
0.959233	0.949482	0.769211	0.698188	0.679888	0.799368	0.763019	0.731513	1.019607	1.074801
0.77321	0.971054	0.889501	0.608597	0.710214	0.852587	0.804195	0.781913	0.850095	0.668306
0.544861	0.596832	0.786713	0.767687	0.679888	0.90278	0.669743	0.830142	0.93712	0.718345
0.599652	0.587588	0.859451	0.856937	0.799744	0.853906	0.68722	0.643837	0.73974	0.793542
0.777586	0.734342	0.795736	0.677866	0.723749	0.83834	0.652941	0.751807	1.000295	0.952714
0.884237	1.065724	0.764944	0.707329	0.772541	0.847352	0.824508	0.773096	0.775374	0.680973
0.703931	0.839899	0.725397	0.789454	0.800916	0.806414	0.824508	0.998172	0.628738	0.572646
0.568666	0.841159	1.075548	0.974499	0.862562	0.812374	0.612076	0.707411	0.596262	0.587196
0.740712	0.625039	0.813176	0.697284	0.683454	0.698017	0.606117	0.746644	0.669095	0.795928
1.01819	0.811893	0.665721	0.599855	0.723749	0.787873	0.679268	0.739517	0.687084	0.616262
0.697483	0.861826	0.909766	0.836563	0.776958	0.645927	0.760901	0.695387	0.594033	0.586457
0.665753	0.984882	0.966684	1.126393	1.03443	0.659218	0.824508	0.650367	0.854123	0.732585
0.847852	0.883527	0.81081	0.710109	0.764917	0.655021	0.779245	0.705539	0.866438	0.792353
0.93487	0.730414	0.639496	0.700001	0.822558	0.775571	0.936971	0.941574	0.855475	0.695918
0.622891	0.75247	0.732235	0.824298	0.740771	0.715906	0.838176	0.70929	0.626336	0.705527
0.737692	0.677125	0.830111	0.943184	0.889037	0.650863	0.814831	0.772007	0.732543	0.602251
0.920882	0.96598	0.831346	0.771954	0.838888	0.671191	0.743301	0.835147	0.773129	0.736741
1.06247	0.757643	0.625411	0.655983	0.780301	0.692518	0.760901	0.797786	0.85683	0.782963
0.814281	0.637487	0.665721	0.706406	0.810402	0.726609	0.818434	0.609579	0.587413	0.784126
0.692031	0.651931	0.738183	0.836563	0.626501	0.762536	0.804195	0.668847	0.772011	0.755951
0.738696	0.75247	0.863428	0.915466	0.69894	0.635419	0.75253	0.708349	0.742862	0.804384
0.699315	0.894797	0.729291	0.820685	0.749018	0.606087	0.833156	0.921157	0.782179	0.720351
0.895631	0.695673	0.774605	0.844092	0.821327	0.741644	0.750462	0.787516	0.688003	0.76477
0.846561	0.873899	0.996396	1.063316	0.684349	0.936577	0.717691	0.58768	0.70585	0.834696
0.792122	0.946257	0.8661	0.787228	0.649883	0.700793	0.800707	0.754935	0.835635	0.74624
0.851747	0.677125	0.650775	0.733997	0.614884	0.682613	0.987324	0.821519	0.724462	0.722366
0.71808	0.548587	0.678582	0.88661	0.683454	0.668598	0.792676	0.607338	0.734587	0.707474
0.746815	0.708493	0.652411	0.665946	0.687951	0.896907	0.719608	0.5581	0.876263	0.816758
0.742736	0.990183	0.775692	0.625863	0.585342	0.725625	0.733271	0.592692	0.581612	0.791168
0.67347	0.705714	0.79233	0.674427	0.53612	0.813576	0.912327	0.857087	0.627135	0.655997
0.598194	0.542837	0.788951	0.810023	0.624152	0.610589	0.660422	0.775284	0.889232	0.681893
0.622891	0.613685	0.629278	0.867494	0.756366	0.704522	0.553245	0.624042	0.793764	0.80074
0.675204	0.697481	0.863428	0.683076	0.784798	0.684397	0.558517	0.582022	0.623154	0.590166

0.750932	0.829952	0.842624	0.722367	0.732677	0.760401	0.654593	0.697215	0.639303	0.631559
0.66831	0.615933	0.815555	0.763461	0.826272	0.920888	0.719608	0.659509	0.583778	0.672787
0.691129	0.628891	0.688261	0.720458	0.601341	0.694343	0.640754	0.837671	0.820392	0.847979
0.778687	0.927391	0.726367	0.734981	0.818875	0.647566	0.671459	0.894385	0.876263	0.914925
0.897076	0.85008	0.70458	0.671015	0.693411	0.859221	0.893285	0.944802	0.618424	0.646565
0.670023	0.748376	0.785598	0.733997	0.841455	0.961228	0.779245	0.798943	0.767567	0.635675
0.590265	0.71694	0.867442	0.988391	0.897744	0.813576	0.652941	0.853134	0.840838	0.741993
0.588127	0.666871	0.611769	0.841567	1.03443	0.702654	0.652941	0.913553	0.742862	0.662988
0.840164	0.75247	0.608055	0.587763	0.701732	0.766837	0.713882	0.777482	0.757732	0.76477
0.665753	0.700208	0.757575	0.653528	0.928096	0.892555	0.881969	0.66799	0.684337	0.770374
0.701156	0.896227	0.878331	0.736954	0.835064	0.793582	0.765148	0.832637	0.775374	0.655997
0.70486	0.91376	0.821561	1.006405	0.780301	0.604597	0.746355	0.903127	0.698246	0.716348
0.751967	0.761826	0.590654	0.718558	0.665914	0.650037	0.588005	0.66035	0.754502	0.815505
0.826414	0.778974	0.548041	0.841567	0.694328	0.795887	0.838176	0.67664	0.656932	0.697823
0.792122	0.960965	0.764944	0.921474	0.99054	0.843467	0.768361	0.64709	0.580173	0.829495
0.745791	0.773542	0.92947	0.835321	0.636024	0.634621	0.681023	0.632641	0.568137	0.780647
0.920882	0.736319	0.711096	0.67873	0.676352	0.733561	0.7961	0.87053	0.865052	0.990346
0.733698	0.770316	0.615516	0.836563	0.724732	0.764681	0.583066	0.720743	1.050287	0.853407
0.905851	0.838643	0.616269	0.921474	0.89192	0.74988	0.70265	0.786389	0.69356	0.968445
0.71904	0.822638	0.6856	0.667629	0.51497	0.646746	0.963098	0.842764	0.803259	0.934231
0.71808	0.671968	0.720577	0.754102	0.622594	0.644294	0.7225	0.722681	0.772011	0.747308
0.938041	0.644649	0.647523	0.969402	0.838888	0.844758	0.771597	0.819086	0.851434	0.818015
0.842712	0.645452	0.654876	0.900798	1.018655	0.987362	0.862848	0.685466	0.671746	0.82308
0.783119	0.710356	0.6812	0.654345	0.626501	0.818417	0.810072	0.751807	0.965812	1.019375
0.651538	0.660167	0.914234	0.681333	0.599862	0.87005	0.909343	0.900193	0.80206	0.701658
0.670023	0.734342	0.796877	0.700001	0.648229	0.756162	0.706362	0.874646	0.922665	0.625052
0.856996	0.723625	0.749304	0.730086	0.831275	0.834534	0.693508	0.699972	0.791422	0.71436
0.988605	0.869837	0.727339	0.767687	0.708315	0.987362	0.899056	0.692659	0.851434	0.826918
0.654841	0.774623	0.783377	0.671015	0.715	1.040802	1.165163	0.916579	0.867828	0.780647
0.593851	0.623508	0.76814	0.691011	0.767082	0.632237	0.66633	0.690849	0.9026	0.665638
0.762459	0.582691	0.915734	0.856937	0.835064	0.797044	0.613579	0.786389	0.723462	0.663869
0.828882	0.842422	0.767072	0.825509	0.903647	0.746773	0.60464	0.699051	0.762076	0.694022
0.803643	0.784475	0.81675	0.615272	0.798576	0.881157	0.7225	0.65867	0.834345	0.86029
0.620587	0.788926	0.723462	0.707329	0.782544	0.90278	0.765148	0.683687	0.70681	0.607646
0.657335	0.618191	0.658184	0.825509	0.805633	0.739609	0.743301	0.850518	0.777631	0.818015
0.713312	0.773542	0.938875	1.292751	1.146002	0.849962	0.68633	0.742557	0.805665	0.741993
0.721932	0.715049	0.71962	0.680463	0.787064	0.757218	0.653766	0.67143	0.863671	0.762548
0.728757	0.868492	0.651592	0.548231	0.685247	0.783359	0.57749	0.666281	0.692629	0.604555
0.652362	0.75247	0.827651	0.855635	0.880501	0.648388	0.627342	0.720743	0.592553	0.638997
0.706724	0.873899	1.151236	1.036878	0.823793	0.638625	0.69623	0.597762	0.590343	0.765885
0.743752	0.785583	0.725397	0.753074	0.820099	0.74988	0.590853	0.58768	0.725464	0.638997
0.675204	0.832417	0.597098	0.681333	0.80209	0.807599	0.629679	0.726584	0.753431	0.61076
0.757181	0.76499	0.686485	0.70918	0.702666	0.628291	0.775951	0.971528	0.684337	0.621035
0.647445	0.861826	0.727339	0.81237	0.821327	0.702654	0.744316	0.941574	0.747058	0.649971
0.74784	0.887719	0.862098	0.601299	0.821327	0.760401	0.59951	0.851824	0.989107	0.886012
0.768878	0.733356	0.694535	0.567882	0.772541	0.814781	0.69897	0.788645	0.688003	0.658605
0.788724	0.725554	0.785598	0.685705	0.702666	0.738595	0.864186	0.743575	0.490929	0.665638

0.623662	0.910788	0.854204	0.805367	0.676352	0.648388	0.800707	0.724628	0.623948	0.726425
0.649078	0.795689	0.735199	0.635151	0.707368	0.625941	0.660422	0.713074	0.759898	0.788808
0.927044	0.625039	0.556498	0.773027	0.87075	0.682613	0.794956	0.916579	0.996533	0.801951
0.907331	0.578537	0.536596	0.746959	0.879094	0.878354	0.778144	0.634223	0.555746	0.716348
0.738696	0.637487	0.667414	0.70918	0.656561	0.650037	0.825733	0.648725	0.563967	0.703588
0.836371	0.842422	0.871494	0.743933	0.698014	0.650037	0.732281	0.853134	0.598503	0.716348
0.733698	0.605544	0.630835	0.757199	0.830019	0.741644	0.780348	1.016888	1.033655	0.814255
0.801314	0.60408	0.777874	0.874225	0.903647	0.98557	0.812445	0.745619	0.817903	0.770374
0.717122	0.756604	0.879712	0.819487	0.691584	0.703587	0.896161	0.571608	0.578025	0.773771
0.836371	0.92128	0.836322	0.926036	0.664198	0.717832	0.653766	0.675767	0.835635	0.975623
0.800155	0.642248	0.595658	0.826723	0.679888	0.710177	0.848394	0.751807	0.838229	0.865876
0.897076	0.540306	0.587115	0.944777	0.842745	0.698017	0.790409	0.784145	0.689847	0.695918
0.737692	0.701121	0.595658	0.732037	0.771444	0.889677	0.739261	0.630279	0.724462	0.940861
0.82152	0.771388	0.741188	0.798476	0.621817	0.81599	0.665481	0.675767	0.650132	0.672787
0.815479	0.90931	0.688261	0.761364	0.627287	0.677304	0.690802	0.640608	0.762076	0.657734
0.703931	0.635911	0.71962	1.136202	0.812806	0.834534	0.933813	0.79205	0.990951	0.778343
0.687539	0.640655	0.712035	0.808855	0.761691	0.798205	0.799551	0.731513	1.023574	1.168314
0.744771	0.692078	0.773521	0.718558	0.740771	0.976719	0.790409	0.664578	0.721469	0.970228
0.814281	0.820227	0.787831	0.693688	0.65572	0.807599	0.682785	0.715934	0.77425	0.648264
0.707659	0.650302	0.725397	0.752049	0.647405	0.751964	0.916843	0.813064	0.806874	0.593907
0.609246	0.691184	0.755493	0.961037	0.6685	0.719768	0.856218	0.722681	0.698246	0.704556
0.676074	0.67368	0.770285	0.691902	0.721789	0.823313	0.559845	0.643837	0.907148	1.005587
0.89419	0.8275	0.908287	0.742929	0.759553	0.725625	0.605378	0.745619	0.947032	0.719347
0.746815	0.701121	0.684716	0.668473	0.691584	0.784483	0.697142	0.892945	0.908675	0.663869
0.565956	0.588998	0.808456	0.76875	0.689764	1.007579	0.936971	0.808306	0.85819	0.720351
0.598922	0.661	0.708292	0.735966	0.737718	0.920888	0.657914	0.66799	0.785622	0.627481
0.783119	0.672823	0.682077	0.629709	0.846637	0.878354	0.645588	0.589821	0.760985	0.643185
0.895631	0.74432	0.754455	0.587763	0.551035	0.787873	0.7225	0.725605	0.840838	0.674593
0.550691	0.643847	0.747261	0.600576	0.621817	0.978475	0.779245	0.894385	0.914837	0.749453
0.606272	0.763933	0.927922	0.685705	0.710214	0.724644	0.730307	0.681031	0.9782	0.748379
0.570027	0.701121	0.813176	0.969402	0.853202	0.745743	0.628899	0.597762	0.913289	0.850685
0.869044	0.814258	0.656527	0.760319	0.727694	0.769004	0.771597	0.814262	0.723462	0.806831
0.695658	0.816635	0.773521	0.689235	0.866637	0.824545	0.711046	0.867808	0.725464	0.702622
0.4843	0.792294	0.948488	0.806527	0.764917	0.686189	0.576107	0.707411	0.592553	0.525888
0.509059	0.57238	0.592791	0.855635	0.874902	0.592132	0.605378	0.892945	0.794939	0.557184
0.874507	0.780069	0.609537	0.706406	0.767082	0.624381	0.593719	0.640608	0.815427	0.693077
0.633808	0.707565	0.654876	0.575316	0.781421	0.647566	0.67578	0.715934	0.650132	0.809292
0.495641	0.894797	0.903879	0.61602	0.78593	0.901304	0.868226	0.903127	0.726468	0.654267
0.676945	0.739302	0.734208	0.577366	0.584629	0.710177	0.723468	1.101039	0.96407	0.740937
0.725819	0.743311	0.598543	0.733016	0.691584	0.606834	0.729323	0.755982	0.707772	0.977437
0.64339	0.730414	0.686485	0.825509	0.783669	0.679067	0.866875	0.623268	0.54041	0.763658
0.637775	0.932031	0.814364	0.711973	0.881912	0.801704	0.682785	0.641413	0.618424	0.680056
0.713312	0.814258	0.737186	0.691011	0.640054	0.669461	0.834405	0.798943	0.574468	0.602251
0.831364	0.656854	0.671676	0.86483	0.677234	0.594305	0.968177	1.056928	0.895122	0.650827
0.635391	0.708493	0.624642	0.70091	0.605808	0.583543	0.784791	0.61637	0.543039	0.640667
0.699315	0.692078	0.592078	0.721412	0.671102	0.611343	0.735259	0.584135	0.543698	0.621035
0.89419	0.837391	0.665721	0.888008	0.962429	0.642667	0.689904	0.629494	0.560522	0.636503

0.809521	0.80954	0.798021	1.055008	0.706424	0.804052	0.793814	0.652841	0.490345	0.564846
0.869044	0.642248	0.682955	0.932193	0.791633	0.759337	0.770516	0.803599	0.679798	0.701658
0.780898	0.609966	0.573924	0.824298	0.75006	0.697096	0.750462	0.617893	0.719486	0.768124
0.955905	0.935152	0.654876	0.787228	0.772541	0.819636	0.797247	0.65867	0.658649	0.813009
0.758232	0.643047	0.735199	0.756164	0.596919	0.687988	0.743301	0.765526	0.720477	0.990346
0.786473	0.562971	0.819149	0.820685	0.709264	0.633825	0.778144	0.828899	0.830495	0.75269
0.738696	0.67368	0.690939	0.959384	0.865274	0.6907	0.903435	0.643028	0.806874	0.625052
0.994001	0.806036	0.587115	0.867494	0.877692	0.793582	0.726386	0.677515	0.578025	0.678228
0.771038	0.688513	0.744214	0.704566	0.493644	0.568226	0.860184	0.80243	0.562586	0.80074
0.842712	0.607749	0.811991	0.608597	0.535483	0.622827	0.70823	0.845334	0.650976	0.658605
0.763522	0.605544	0.601448	0.706406	0.746942	0.817202	0.671459	0.65119	0.859553	0.636503
0.758232	0.696576	0.761771	1.004569	1.046648	0.864602	0.632814	0.597762	0.687084	0.720351
0.901442	0.893372	0.747261	0.776263	0.700799	0.701722	0.891854	0.66035	0.647609	0.805606
0.700234	0.774623	1.011114	0.876947	0.696167	0.783359	0.973316	0.853134	0.776501	0.884543
0.637775	0.547302	0.650775	0.71104	0.709264	0.837068	0.897606	0.691753	0.819145	0.653404
0.803643	0.662669	0.660682	0.824298	0.942479	0.879753	0.783676	0.665428	0.683426	0.668306
1.004998	0.886317	0.764944	0.804211	0.702666	0.758276	0.681023	0.713074	0.979998	0.755951
0.892754	1.17049	1.001857	0.757199	0.555012	0.780004	0.918358	0.749735	0.803259	0.80074
0.632232	0.719792	0.732235	0.750006	0.717897	0.733561	0.639953	0.760198	0.711642	0.661229
0.677818	0.584783	0.638701	0.669319	0.811602	0.853906	0.628899	0.743575	0.678896	0.606872
0.751967	0.635126	0.649146	0.707329	0.610322	0.704522	0.690802	0.654498	0.724462	0.810527
0.717122	0.685858	0.814364	0.733997	0.713079	0.934982	0.829428	0.836407	0.98544	0.847979
0.633808	1.043054	0.872853	0.766627	0.765998	0.86056	0.788153	0.810679	0.749172	0.613109
0.705791	0.793423	0.849019	0.834082	0.821327	0.807599	0.730307	0.731513	0.548344	0.745174
0.757181	0.763933	0.991003	0.956095	1.010978	0.807599	0.710105	0.739517	0.810519	0.984767
0.687539	0.837391	0.906812	0.741928	0.789342	1.094796	0.710105	0.80243	1.027578	0.937533
0.651538	0.979645	0.701818	0.625098	0.690673	0.851272	0.811256	0.737502	0.953767	0.716348
0.712365	0.795689	0.762826	0.845359	0.849251	0.657534	0.601701	0.884403	0.726468	0.758139
0.629096	0.863151	1.161696	1.296322	0.98334	0.843467	0.728342	0.861076	0.791422	0.799532
0.790986	0.896227	0.97694	0.892229	0.80209	0.905746	0.689904	0.772007	1.094887	0.957895
0.676074	1.103266	0.645905	0.660936	0.741793	0.943015	0.704502	0.710233	0.992804	0.813009
0.686646	0.801407	0.703657	0.858243	0.868003	0.794733	1.007354	0.858413	0.617641	0.639831
0.713312	0.951104	0.953375	0.959384	0.923406	0.699866	0.860184	0.75389	0.707772	0.712382
0.712365	0.883527	0.882486	0.6626	0.719839	0.746773	0.652941	0.760198	0.742862	0.888967
0.856996	0.919765	0.620055	0.782809	1.052889	0.727596	0.819642	1.069698	1.013722	0.891941
0.81668	0.873899	0.759668	0.834082	0.976257	0.823313	0.893285	0.858413	0.787933	0.990346
0.631446	1.012059	0.871494	0.776263	0.771444	0.723664	0.930678	0.855765	0.701082	1.115285
0.713312	1.094137	1.161696	0.893646	0.734687	0.667737	0.667181	0.795483	1.023574	1.031552
0.803643	0.877999	0.73027	0.906606	1.030432	0.800534	0.700806	1.110426	1.052411	0.829495
0.997636	0.85137	0.659848	0.84663	1.307692	1.049002	0.767287	0.738509	0.571642	0.732585
0.751967	0.799111	0.75342	0.66427	0.754254	0.778891	0.844534	0.675767	0.555067	0.754862
0.726796	1.146907	1.036149	0.895067	0.75006	0.670325	0.788153	0.814262	0.740778	0.824356
0.985044	0.941463	0.91125	0.932193	0.972758	0.731563	1.038245	0.930461	0.824153	0.836007
1.302405	0.859188	0.710159	0.946376	1.307692	0.90278	0.983779	1.312067	0.917952	1.00753
0.82152	0.84496	0.787831	1.071785	0.97102	0.793582	1.011098	1.000007	1.011778	1.878713
0.707659	1.055273	1.197545	1.43942	0.761691	0.916289	0.930678	0.747672	0.803259	0.999809
0.742736	1.266539	1.060614	0.795071	0.846637	0.798205	1.062946	1.069698	1.027578	0.845289

0.881435	1.067845	0.940462	1.180551	2.451416	0.938178	1.187151	1.25553	0.744955	0.961383
1.280858	1.029221	0.985676	1.607803	1.438599	1.490992	1.201482	0.79205	0.694493	1.326451
1.23125	1.206988	1.242958	1.725168	1.05922	1.33013	1.264061	0.925784	1.065382	1.295137
1.340877	1.215865	0.838832	0.952831	1.216302	0.992783	1.187151	1.040467	1.312964	1.258924
1.066729	0.786694	0.710159	1.191679	1.069982	1.01709	1.028778	1.418438	1.050287	0.952714
1.151527	0.925855	1.186196	1.107417	1.376981	1.046937	1.007354	0.922694	0.815427	1.306616
1.994653	1.408282	1.109393	1.082609	1.120786	2.031638	0.940152	0.731513	1.000295	1.787633
1.212891	2.580111	1.236621	0.951208	1.118343	1.138301	1.162491	1.024606	1.228588	1.516985
1.111783	0.825062	1.028291	3.33032	1.390444	1.055256	1.370292	1.327431	1.332812	1.054804
1.309831	0.887719	0.98216	1.105103	1.094642	0.878354	0.978516	1.061143	0.838229	1.269475
1.116557	0.944653	1.14866	0.851753	0.774744	1.520612	0.975042	1.030486	0.831774	1.168314
1.487875	1.694303	1.473228	1.107417	0.83761	1.092503	1.067203	1.64003	1.349372	0.877268
0.728757	0.719792	0.920265	2.419543	0.98334	0.853906	1.575169	1.682162	1.312964	0.939194
0.82396	0.769245	0.858133	0.909539	0.727694	0.798205	0.896161	0.820301	0.881979	1.133118
1.332905	1.154627	1.262542	0.805367	0.99054	1.593899	0.779245	0.787516	0.8093	1.209706
1.086427	1.012059	1.133516	0.940015	0.865274	1.01709	0.873671	0.83389	0.727475	0.639831
0.7743	0.856566	1.262542	1.0157	0.790486	1.081212	1.0206	1.19386	1.027578	0.74624
0.933293	1.513085	1.605312	1.191679	1.042537	1.030764	0.936971	0.785266	1.029595	0.947595
1.511055	1.432208	1.452059	1.091467	1.528838	1.201098	0.713882	0.760198	1.238281	0.919672
0.904376	0.951104	0.850309	0.949592	1.311476	1.247562	0.966477	0.901657	1.061015	1.095763
0.910306	0.951104	1.052305	0.758237	0.905135	1.007579	0.903435	0.919626	0.759898	0.839961
0.777586	1.146907	1.57686	1.017583	0.863916	1.074576	0.990898	0.804771	0.914837	0.613109
0.80716	0.838643	0.841357	1.177813	0.974504	0.832015	0.62812	0.721711	1.002188	0.890452
0.913302	0.951104	0.938875	0.882442	1.261287	1.085693	0.718648	0.907565	1.275796	1.486603
0.7229	0.699297	0.749304	0.853043	0.903647	1.051077	1.154572	1.22669	0.824153	0.947595
0.727775	0.96598	0.942055	0.655163	0.75006	1.181007	0.879185	0.969809	0.773129	0.747308
0.988605	0.883527	1.054367	1.087016	0.779184	0.756162	0.61888	0.927338	0.715546	0.726425
1.225044	1.221885	0.760718	0.92451	1.228687	0.655021	0.669743	0.754935	0.653518	0.794733
0.797844	0.831183	1.030243	1.14119	0.881912	0.822083	0.83191	0.779692	0.688924	0.90099
0.716166	0.979645	0.833827	0.711973	0.842745	0.920888	0.826961	0.783028	0.639303	0.826918
0.76034	1.237311	0.959979	0.786119	0.830019	0.832015	0.772682	0.774189	0.725464	0.730522
0.756133	0.860505	0.906812	0.890818	0.911141	0.582835	0.681903	1.087329	0.662103	0.80806
0.877265	0.841159	0.838832	0.845359	0.78593	0.697096	0.774858	0.959633	0.981805	0.908676
0.666603	0.75247	0.645099	0.594835	1.040496	0.917817	1.086894	0.730523	0.720477	1.063578
0.593851	0.811893	1.003693	0.839058	0.903647	0.790148	0.653766	0.597762	0.662103	0.653404
0.706724	0.717888	0.763884	1.112084	0.715963	0.603111	0.67578	0.746644	0.850095	0.919672
1.151527	0.820227	0.784486	0.929104	0.678117	0.581423	0.743301	0.823965	0.73974	0.871535
0.794402	0.84496	0.701818	0.803058	0.828766	0.820858	0.735259	0.548889	1.009843	0.945901
0.985044	0.96263	0.785598	1.029057	1.003434	0.737584	0.797247	0.783028	0.621572	0.832088
0.646631	0.666871	1.050252	1.071785	0.816437	0.812374	1.06507	1.056928	0.768674	1.070277
0.584587	0.579227	0.864762	0.834082	0.654044	0.843467	0.935389	1.120019	1.017636	0.947595
0.730726	0.807201	0.71962	0.835321	0.841455	0.930233	0.83191	0.749735	1.254933	1.029499
1.221974	0.964302	0.98922	1.333745	1.146002	0.968045	0.909343	0.653669	0.699189	1.003652
0.814281	0.768178	1.095537	0.821886	0.621041	1.01709	1.317728	0.731513	0.723462	1.326451
0.885645	0.770316	0.888089	0.87287	0.857189	0.968045	1.093661	0.912049	0.880543	0.986619
0.964274	0.651115	0.786713	1.203099	1.161865	0.901304	0.712934	0.6963	1.056692	0.785292
1.052003	0.796827	0.743203	1.1028	1.00719	0.817202	0.67578	0.590537	0.880543	1.125386

0.776488	0.967665	1.060614	0.806527	0.674595	0.883978	0.975042	0.990905	0.763168	2.179743
0.703931	1.175909	1.279564	0.798476	0.931252	1.049002	0.910832	0.725605	0.896607	1.025421
1.309831	0.984882	1.118882	0.944777	1.603926	1.225259	0.717691	1.065399	1.672385	0.850685
1.471267	1.17049	1.051882	1.085382	1.204261	1.84146	1.114618	0.990905	1.719209	1.776051
1.126264	1.975294	1.304576	0.840311	0.894822	1.248275	2.095118	1.085086	1.338283	1.566092
1.317387	1.287178	1.126137	0.807689	1.101617	1.292289	1.721187	1.499708	1.529874	1.176858
0.800155	0.839899	1.960445	2.146034	1.704053	0.939784	1.062946	1.469543	1.536315	1.112796
1.277369	1.403651	2.294685	1.275324	1.589273	1.616236	0.904904	1.245703	1.32034	1.475021
1.401196	1.356596	0.994591	0.961037	1.481379	1.535326	2.143315	1.394977	1.29987	1.235261
1.234386	1.869137	1.311995	1.333745	2.451416	1.457457	1.354457	1.279401	1.244865	1.516985
1.487875	1.394364	1.364054	1.448783	1.433536	1.14085	1.313936	1.158184	1.16088	1.202873
1.476732	2.223342	1.46403	2.76464	1.764356	1.222164	1.071503	1.163577	1.159532	1.164925
1.783521	1.783899	1.011114	1.533696	1.649026	1.522952	1.396879	1.17419	1.16897	0.902516
1.482268	3.930913	1.327541	1.248781	1.809779	2.144548	1.459915	0.952979	0.916392	1.369063
1.189562	1.121387	1.094458	1.915346	1.17002	0.990969	2.227418	2.291	1.097733	1.556494
1.897598	1.053212	0.759668	1.06753	1.173916	1.178211	1.281223	1.242487	1.283013	1.243381
1.548324	0.96263	1.230376	1.177813	1.175865	1.804571	1.084661	1.323538	1.20375	1.732585
1.976895	1.244796	1.252006	1.979518	0.967563	1.169931	1.183337	1.196744	0.790256	1.536291
1.371406	1.318484	1.259216	1.565823	1.052889	1.074576	1.329306	1.144974	1.438006	1.083993
1.321215	1.427317	1.315752	1.357705	1.399657	0.956184	1.927007	1.280475	2.521765	1.401592
0.986821	0.863151	1.227287	1.509602	3.262236	1.161805	1.231645	1.074039	0.932248	1.138351
1.257001	1.301503	1.319543	0.959384	0.793935	1.326194	1.032283	0.60511	0.879112	1.222296
1.912341	1.220203	1.183405	1.05707	0.83761	1.019017	0.783676	0.7335	0.852776	1.009482
0.864991	0.643047	0.661518	0.818293	0.536758	0.746773	1.026402	0.716892	0.93712	0.768124
0.624434	0.639861	0.707361	0.883827	0.729681	0.645109	0.866875	0.897279	0.661237	0.670093
0.567309	0.778974	0.788951	0.663434	0.703602	0.655021	0.565198	0.548238	0.510051	0.589422
0.754045	0.783369	0.727339	0.563217	0.676352	0.676426	0.486022	0.598491	0.602264	0.603786
0.618295	0.633559	0.565794	0.500373	0.482797	0.547521	0.47276	0.428051	0.514965	0.544259
0.552652	0.52603	0.614764	0.690122	0.518016	0.546218	0.5334	0.538595	0.643436	0.434668
0.54615	0.662669	0.651592	0.481295	0.507744	0.48449	0.482668	0.503788	0.443883	0.483678
0.488236	0.563637	0.560458	0.428142	0.554347	0.434457	0.47385	0.512681	0.499191	0.575517
0.515025	0.440412	0.428789	0.403133	0.451793	0.471157	0.529042	0.491636	0.439707	0.422347
0.3937	0.458846	0.457109	0.481845	0.453898	0.538484	0.638357	0.463468	0.416935	0.462073
0.475436	0.536536	0.698161	0.719507	0.503584	0.455575	0.447394	0.378714	0.425398	0.494898
0.410371	0.584085	0.493045	0.781711	0.670233	0.436473	0.408155	0.503788	0.54502	0.536949
0.507285	0.458323	0.440198	0.484602	0.501225	0.485054	0.457258	0.519928	0.530053	0.505801
0.467826	0.566308	0.671676	0.536853	0.537397	0.558753	0.615843	0.525445	0.489179	0.63074
0.527827	0.57238	0.473619	0.490729	0.446057	0.424517	0.410035	0.484842	0.553039	0.552377
0.620587	0.612194	0.528514	0.578738	0.54319	0.427475	0.466279	0.54694	0.646771	0.538931
0.4843	0.498241	0.584304	0.531891	0.611079	0.490168	0.504358	0.573671	0.508222	0.546275
0.492778	0.668563	0.604372	0.476926	0.644941	0.726609	0.601701	0.641413	0.467046	0.442551
0.427216	0.540937	0.490781	0.439958	0.519855	0.530885	0.502605	0.578523	0.464838	0.461518
0.518039	0.609966	0.404975	0.652713	0.659092	0.395073	0.394309	0.644648	0.520562	0.440435
0.670883	0.596832	0.542917	0.48682	0.49771	0.432951	0.446881	0.583429	0.580173	0.51385
0.65817	0.667716	0.548685	0.652713	0.746942	0.610589	0.634391	0.570922	0.57874	0.643185
0.576208	0.646256	0.622343	0.677866	0.747979	0.622051	0.515022	0.48936	0.490345	0.479617
0.607756	0.4689	0.618537	0.635934	0.478868	0.632237	0.561845	0.472656	0.578025	0.566254

0.553964	0.522382	0.499335	0.517335	0.477195	0.546218	0.532151	0.654498	0.685251	0.638164
0.611491	0.570346	0.528514	0.534986	0.571984	0.597221	0.68633	0.64709	0.60682	0.863074
0.640974	0.601893	0.542917	0.561893	0.574067	0.521569	0.523502	0.687253	0.611425	0.648264
0.599652	0.449531	0.542917	0.596263	0.445022	0.538484	0.705431	0.572982	0.55439	0.684662
0.566632	0.562971	0.619295	0.656805	0.537397	0.528381	0.644778	0.740528	0.516203	0.617054
0.624434	0.527866	0.532847	0.681333	0.68256	0.607582	0.650476	0.583429	0.528138	0.646565
0.685755	0.775707	0.543554	0.672717	0.858526	0.737584	0.652941	0.627149	0.596262	0.589422
0.633019	0.547944	0.594939	0.685705	0.495963	0.477773	0.636766	0.588392	0.465941	0.652543
0.55004	0.631997	0.706432	0.624334	0.538678	0.525272	0.503773	0.484281	0.573053	0.670093
0.629096	0.544745	0.491346	0.599855	0.583206	0.600893	0.563183	0.440552	0.55439	0.574079
0.67347	0.675399	0.622343	0.700001	0.581787	0.566179	0.589427	0.524213	0.6451	0.581318
0.600382	0.707565	0.614764	0.643045	0.522318	0.573734	0.591568	0.491066	0.591078	0.619438
0.5769	0.652747	0.484613	0.4998	0.465662	0.606087	0.674913	0.7335	0.60682	0.685589
0.567309	0.629666	0.561121	0.566544	0.617951	0.563464	0.513227	0.633431	0.642606	0.591658
0.530309	0.534041	0.582906	0.615272	0.633624	0.6159	0.478237	0.522371	0.617641	0.565549
0.43564	0.555066	0.616269	0.539984	0.561046	0.517898	0.585176	0.558766	0.577311	0.561346
0.556601	0.551167	0.559134	0.562554	0.555012	0.643479	0.521671	0.563453	0.610654	0.611542
0.522294	0.4657	0.544192	0.673571	0.617951	0.510648	0.57404	0.547589	0.549011	0.515101
0.54615	0.479192	0.528514	0.770883	0.574763	0.489027	0.715782	0.634223	0.582333	0.515101
0.616774	0.532179	0.501066	0.537478	0.469472	0.476663	0.464139	0.460271	0.493862	0.476739
0.527827	0.506918	0.532847	0.526984	0.567165	0.594305	0.5679	0.469933	0.633582	0.620236
0.515025	0.645452	0.530985	0.594835	0.58108	0.513654	0.562514	0.595582	0.555067	0.530408
0.468905	0.55052	0.56984	0.560573	0.617951	0.541047	0.467352	0.507323	0.465389	0.577683
0.388731	0.422729	0.511009	0.495808	0.620266	0.557416	0.529662	0.508508	0.551693	0.51951
0.301537	0.39207	0.506301	0.429114	0.416518	0.493611	0.418597	0.441568	0.48397	0.405957
0.406143	0.426597	0.463956	0.40451	0.365434	0.421578	0.434747	0.438023	0.390633	0.403042
0.258875	0.401592	0.453985	0.346468	0.384343	0.435968	0.437749	0.409241	0.408634	0.409382
0.313835	0.338546	0.359685	0.285025	0.237417	0.417691	0.437247	0.437016	0.393893	0.460965
0.516831	0.418419	0.376283	0.398571	0.305258	0.333528	0.256838	0.273013	0.308824	0.297029
1.298739	1.212886	0.889501	0.761364	0.703602	0.51729	0.354407	0.373901	0.271641	0.199588
0	0	0	0	0.258645	1.285101	0.723468	0.656996	0.493274	0.466533
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.592502	0.70205	0.705928	0.638308	0.834988	0.844563	0.681712	0.740825	0.718334	0.746329
0.653615	0.683686	0.61864	0.764821	0.822315	0.652828	0.604861	0.54067	0.673714	0.704796
0.770097	0.723191	0.550609	0.739466	0.735442	0.590592	0.729819	0.640565	0.658409	0.712229
0.689983	0.748534	0.607164	0.581252	0.679849	0.695517	0.780615	0.662259	0.53869	0.585532
0.572753	0.664343	0.522382	0.606193	0.781799	0.561497	0.498648	0.691453	0.657575	0.585532
0.565234	0.648305	0.666972	0.741523	0.61635	0.516545	0.615256	0.848478	0.680693	0.635158
0.861653	0.582311	0.77681	0.861949	0.607883	0.563561	0.634462	0.714954	0.662607	0.758666
0.676642	0.620226	0.576557	0.68459	0.595854	0.63054	0.858715	0.54522	0.620053	0.906264
0.681929	0.608727	0.604154	0.670355	0.775026	0.683535	0.672185	0.587752	0.474546	0.621259
0.68818	0.749579	0.646658	0.574883	0.58415	0.600991	0.691454	0.651277	0.592638	0.649517
0.64702	0.771028	0.803265	0.607706	0.794498	0.721512	0.739714	0.795374	0.567529	0.615971
0.642948	0.590213	0.706877	0.647344	0.669185	0.776436	0.661188	0.652112	0.637214	0.497743
0.675767	0.624128	0.742495	0.680091	0.533778	0.576156	0.586192	0.560516	0.60061	0.634374
0.674894	0.750627	0.769068	0.429398	0.476648	0.667472	0.615256	0.539379	0.677189	0.724584
0.466274	0.571067	0.640908	0.58268	0.592163	0.581873	0.615256	0.514326	0.482831	0.563028
0.48955	0.585168	0.58009	0.686402	0.636231	0.60024	0.65952	0.652948	0.711672	0.551874
0.66455	0.686392	0.764706	0.840708	0.672711	0.594278	0.524083	0.541965	0.764855	0.724584
0.593225	0.724177	0.612482	0.629456	0.617128	0.677218	0.572358	0.61604	0.792398	0.591878
0.636512	0.689114	0.5808	0.639122	0.624986	0.571917	0.614505	0.63894	0.514037	0.456844
0.551887	0.621783	0.520522	0.717457	0.731371	0.672761	0.767615	0.795374	0.575049	0.584134
0.585346	0.691854	0.568885	0.537223	0.623403	0.652828	0.762311	0.767243	0.642014	0.718838
0.775562	0.601226	0.572356	0.574883	0.806374	0.716579	0.670475	0.689627	0.76807	0.61149
0.719892	0.566924	0.636847	0.583396	0.611711	0.770843	0.768684	0.649611	0.566176	0.565026
0.784452	0.767742	0.769068	0.725332	0.605602	0.54007	0.778421	0.577073	0.636419	0.713167
0.66883	0.936241	0.871161	0.704957	0.520486	0.525297	0.728842	0.757546	0.795823	0.635158
0.505791	0.542217	0.675725	0.964267	0.611711	0.676323	0.764425	0.803588	0.7251	0.655231
0.505791	0.480029	0.571659	0.758342	0.885382	0.817748	0.762311	0.6463	0.644434	0.726517
0.665402	0.663484	0.689194	0.676525	0.51307	0.677218	0.73178	0.59796	0.650955	0.821379
0.742737	0.747491	0.711652	0.58844	0.438893	0.610107	0.724955	0.840667	0.752231	0.634374
0.542783	0.506111	0.739412	0.810676	0.672711	0.704011	0.760208	0.821732	0.819378	0.579968
0.478866	0.564185	0.763622	0.931124	0.885382	0.759868	0.611515	0.577073	0.73595	0.678006
0.559846	0.61559	0.689194	0.604685	0.73442	0.603252	0.62745	0.748061	0.901757	1.07836
0.858979	0.676552	0.614781	0.565157	0.549483	0.632152	0.625907	0.762907	0.665994	0.703876
0.690887	0.761245	0.69748	0.620001	0.744743	0.773072	0.949119	0.786172	0.677189	0.730408
0.657788	0.694611	0.699343	0.603934	0.784081	0.750221	0.695051	0.783902	0.76807	0.723621
0.777768	0.631241	0.488346	0.548976	0.589232	0.521524	0.58549	0.819268	0.753269	0.700215
0.595399	0.575249	0.513163	0.606949	0.592898	0.820232	0.7051	0.589919	0.810988	0.857802
0.647839	0.588044	0.625674	0.653194	0.701997	0.660519	0.575775	0.524797	0.732964	0.724584
0.63333	0.61329	0.651648	0.659123	0.524871	0.485499	0.619789	0.547842	0.593357	0.843625
0.600514	0.756966	0.703094	0.624703	0.549483	0.671875	0.791754	0.619903	0.572985	0.650328
0.655279	0.642542	0.576557	0.616894	0.785226	0.668349	0.600481	0.587031	0.610222	0.561038
0.581107	0.513946	0.628044	0.801109	0.68894	0.678115	0.535815	0.527926	0.708848	0.605586
0.707492	0.542217	0.559989	0.58555	0.52236	0.521524	0.584088	0.626156	0.731973	0.553822
0.649481	0.61713	0.5299	0.494906	0.570649	0.683535	0.762311	0.647952	0.666845	0.635943
0.499921	0.581599	0.531166	0.528929	0.612481	0.604009	0.558291	0.551805	0.46374	0.532245
0.505791	0.70393	0.568194	0.643213	0.700107	0.536815	0.557633	0.511293	0.440873	0.625075
0.70468	0.609484	0.704981	0.670355	0.535065	0.508573	0.476255	0.621458	0.475642	0.514057

0.681044	0.582311	0.536908	0.52578	0.615573	0.576866	0.603396	0.701637	0.59049	0.622019
0.568636	0.544169	0.594515	0.5321	0.579841	0.768626	0.637615	0.633301	0.545078	0.628926
0.571376	0.610243	0.687373	0.641572	0.543527	0.520274	0.669622	0.579188	0.62544	0.542265
0.554524	0.593853	0.662661	0.76157	0.713509	0.585485	0.737717	0.553134	0.675448	0.582741
0.736661	0.458627	0.567505	0.733352	0.598084	0.5323	0.739714	0.658002	0.682455	0.584134
0.609425	0.516386	0.669579	0.681885	0.728342	0.567719	0.600481	0.606153	0.57643	0.661856
0.518383	0.589489	0.780171	0.67387	0.687107	0.712673	0.618273	0.762907	0.711672	0.72266
0.651957	0.454894	0.750823	0.670355	0.569251	0.621778	0.697769	0.725712	0.682455	0.61823
0.612437	0.587323	0.896867	0.74671	0.636231	0.743908	0.608545	0.457904	0.62544	0.603393
0.716039	0.628065	0.729293	0.65488	0.615573	0.595019	0.620549	0.521073	0.665994	0.612234
0.952292	0.836139	0.581511	0.685495	0.792162	0.539417	0.708813	0.642196	0.750162	0.575158
0.618523	0.633638	0.649979	0.663409	0.708675	0.631346	0.758114	0.721769	0.731973	0.796788
0.620058	0.894854	0.73839	0.705906	0.949039	0.709766	0.703256	0.676169	0.591921	0.693881
0.744782	0.841278	0.804452	0.69558	0.836275	0.601744	0.834398	0.679717	0.582701	0.877914
0.992062	0.662627	0.653324	0.739466	0.634606	0.647776	0.811371	0.772726	0.760606	0.823795
0.604205	0.606463	0.518671	0.647344	0.634606	0.604009	0.666229	0.568716	0.803923	0.741291
0.606434	0.61559	0.590863	0.754076	0.735442	0.760953	0.717284	0.500549	0.682455	0.617476
0.728689	0.61329	0.538839	0.69744	0.640319	0.64444	0.701419	0.685997	0.572299	0.671133
0.715081	0.976663	0.811647	0.595013	0.64694	0.830311	0.897232	0.709197	0.724127	0.705719
0.732656	0.670405	0.671326	0.62866	0.68075	0.920668	0.709746	0.695129	0.637214	0.63203
0.701886	0.689114	0.790411	0.729323	0.8507	0.619418	0.547872	0.617581	0.564154	0.64548
0.809881	0.653306	0.73839	0.685495	0.720368	0.660519	0.59114	0.677939	0.723156	0.876543
1.152294	0.813737	0.599679	0.688222	0.723341	0.838027	0.760208	0.674406	0.785626	0.77029
0.683706	0.750627	0.701214	0.792908	0.876802	0.960069	0.936341	0.787312	0.733957	0.537226
0.660311	0.933036	1.01249	1.003906	0.996711	0.801941	0.744748	0.682397	0.778959	0.909204
0.61929	0.858413	0.729293	0.868806	0.813659	0.567719	0.880305	1.032122	0.996172	0.900444
0.923525	0.642542	0.659243	1.110257	0.749998	0.663982	0.888686	0.995605	0.786748	0.706643
0.771185	0.631241	0.789261	0.831732	0.595854	0.718546	0.722062	0.574969	0.5806	0.827445
0.88225	0.84387	0.87815	0.747754	0.699166	0.746002	0.646406	0.438566	0.688681	0.909204
0.809881	0.792435	0.742495	0.671231	0.653664	0.686271	0.74984	0.885479	0.815762	0.609267
0.65113	0.620226	1.022198	0.882853	0.710602	0.844563	0.766549	0.849793	0.865292	0.692088
0.799298	0.86111	0.789261	0.915455	0.837567	0.897742	0.73375	0.606906	0.910625	0.776765
0.796981	0.889045	0.66352	0.679197	0.846718	0.941566	0.747796	0.782771	0.792398	0.901892
0.589626	0.669534	0.742495	0.568606	0.652818	0.798374	0.711618	0.700701	0.694996	0.739292
0.533235	0.877654	0.731298	0.609224	0.796848	0.852539	1.050952	0.87698	0.704182	0.610748
0.691793	0.905211	1.048502	0.877179	0.828605	0.663114	0.682589	0.739801	0.772393	0.726517
0.900927	0.802956	0.814072	0.867426	0.782939	0.513461	0.649648	0.8659	0.969719	0.769221
0.835627	0.765566	0.59305	0.649007	0.641964	0.713646	0.768684	0.686902	0.756398	0.848727
0.787833	0.735171	0.638467	0.839414	0.7058	0.742864	1.023169	0.721769	0.612471	0.703876
0.809881	0.874853	0.770166	0.776956	0.841465	0.672761	0.702336	0.771624	0.635625	0.817779
0.835627	0.741288	0.911833	0.907827	0.684371	0.664852	0.78282	0.769428	0.75955	0.88205
0.742737	0.496657	0.720383	0.814318	0.817347	0.790162	0.840667	0.685094	0.73595	0.666891
0.593225	0.57806	0.742495	0.959131	0.945707	0.804336	0.754993	0.818042	0.836661	0.708497
0.747867	0.862465	0.771266	0.751959	0.719382	0.928587	0.809016	0.719811	0.855976	0.755549
0.657788	0.884738	0.911833	0.638308	0.719382	1.018867	1.032889	0.803588	0.837923	0.718838
0.582516	0.61713	0.667839	0.724339	0.664818	0.696453	0.724955	0.814383	0.718334	0.561038
0.678397	0.651632	0.6947	0.683686	0.744743	0.597249	0.629774	0.816819	0.60061	0.5779

0.776664	0.821077	0.726303	0.639122	0.540253	0.596504	0.530836	0.606906	0.577816	0.6297
0.857648	0.869303	0.575854	0.618445	0.729349	0.704011	0.586895	0.694207	0.714515	0.699305
0.689983	0.772129	0.751875	0.717457	0.781799	0.949879	0.83068	0.692369	0.636419	0.718838
0.610928	0.85707	0.935298	0.937553	0.75639	0.732566	0.916346	0.771624	0.615488	0.848727
0.736661	0.814952	0.889572	0.67387	0.564397	0.567023	0.723989	0.768334	0.893066	0.767089
0.616993	0.600483	0.705928	0.915455	0.684371	0.757705	0.900119	0.884051	0.798122	0.669431
0.701886	0.698315	0.691021	0.852528	0.77953	0.632961	0.903024	0.626156	0.660923	0.725549
0.777768	0.849102	0.80208	0.682785	0.649449	0.83544	0.950743	0.663974	0.85335	0.993584
1.162898	0.612526	0.605657	0.720393	0.601827	0.763131	0.850888	0.782771	0.873439	0.771363
0.70468	0.625698	0.713578	0.71551	0.646107	0.727506	0.90595	0.857772	0.941566	0.711293
0.577607	0.637662	1.001121	0.703065	0.552828	0.582593	0.742727	0.797705	0.677189	0.702958
0.581811	0.548757	0.662661	0.867426	0.714482	0.611645	0.48899	0.667423	0.826701	0.549935
0.925074	0.802956	0.703094	0.68459	0.719382	0.711702	0.633677	0.549159	0.596968	0.604123
0.635715	0.60496	0.693778	0.574181	0.759621	0.768626	0.891516	0.66829	0.545722	0.682358
0.62392	0.670405	0.732304	0.647344	0.846718	0.775312	0.682589	0.617581	0.596968	0.589046
0.724757	0.641725	0.730295	0.838124	0.782939	0.581873	0.638407	0.805964	0.609475	0.85519
0.758311	0.638472	0.567505	0.674753	0.73442	0.672761	0.596864	0.683294	0.702329	0.69478
0.721832	0.680997	0.539484	0.773613	0.735442	0.733585	0.732764	0.687808	0.75431	0.668583
0.815874	0.696459	0.735336	0.815539	0.721357	0.596504	0.726894	0.717862	0.577816	0.663528
0.569319	0.887604	0.746639	0.679197	0.638679	0.569813	0.681712	0.654626	0.635625	0.760756
0.645387	0.760171	0.765792	0.635068	0.683463	0.702109	0.861356	0.670028	0.675448	0.744307
0.567953	0.568991	0.744562	0.79875	0.709637	0.773072	0.714442	0.844555	0.721221	0.584833
0.829357	0.649965	0.86292	0.751959	0.58199	0.691795	0.601208	0.678827	0.714515	0.673697
0.792383	0.657518	0.633625	0.620001	0.687107	0.734606	0.673042	0.634905	0.796971	0.752454
0.629384	0.678325	0.564757	0.734365	0.834988	0.847206	0.73375	0.683294	0.706975	0.714107
0.614709	0.618675	0.636039	0.627866	0.706756	0.770843	0.866686	0.719811	0.522507	0.598317
0.616993	0.714418	0.760387	0.805866	0.745789	0.645271	0.628223	0.736743	0.644434	0.615221
0.728689	0.805328	0.762541	0.754076	0.636231	0.689946	0.611515	0.874183	0.877571	0.808324
0.719892	0.754843	0.474777	0.52578	0.602579	0.608574	0.686113	0.669158	0.699565	0.681484
0.611682	0.61713	0.524873	0.584113	0.636231	0.782103	0.804345	0.670028	0.599879	0.852593
0.66797	0.663484	0.705928	0.722362	0.592898	0.540724	0.5876	0.609929	0.53302	0.607055
0.629384	0.648305	0.589411	0.639122	0.614024	0.637026	0.717284	0.732699	0.65591	0.702042
0.783331	0.563502	0.553936	0.683686	0.787526	0.670991	0.758114	0.704457	0.719294	0.721702
0.799298	0.747491	0.649146	0.732341	0.634606	0.602497	0.579912	0.670028	0.794678	0.833597
0.81951	0.833592	0.779048	0.567914	0.550818	0.641954	0.57032	0.748061	0.816964	0.702042
0.571376	0.568991	0.675725	0.62313	0.587774	0.709766	0.662024	0.750151	0.878957	0.609267
0.513543	0.527538	0.674841	0.787143	0.647775	0.749163	0.684348	0.681502	0.665145	0.650328
0.565234	0.635243	0.747681	0.782586	0.755318	0.651982	0.584088	0.665695	0.73595	0.634374
0.715081	0.889045	0.727297	0.65488	0.733401	0.653676	0.573039	0.629317	0.774571	0.826225
0.727703	0.740262	0.60641	0.58054	0.773907	0.748107	0.681712	0.868644	0.687786	1.01001
0.669691	0.746451	0.66352	0.683686	0.868389	0.742864	0.603396	0.609929	0.614732	0.554473
0.68818	0.657518	0.708781	0.624703	0.727337	0.729523	0.660353	0.820498	0.642819	0.612979
0.786703	0.653306	0.603405	0.69558	0.577702	0.637026	0.7051	0.621458	0.653425	0.776765
0.623145	0.699246	0.623316	0.645687	0.827339	0.881667	0.982812	0.705401	0.680693	0.69478
0.658627	0.845173	0.66438	0.643213	0.795671	0.709766	0.722062	0.665695	0.632466	0.64709
0.734654	0.810114	0.632823	0.627073	0.58199	0.576156	0.686113	0.586313	0.59552	0.815396
0.742737	0.672152	0.92419	0.913919	0.550818	0.561497	0.763367	0.744945	0.575739	0.757624

0.773368	0.623345	0.748726	0.877179	0.753182	0.704011	0.668771	0.767243	0.756398	0.589752
0.969138	0.712492	0.763622	0.810676	0.812436	0.728514	0.674762	0.674406	0.660923	0.804831
0.85368	0.758032	0.818962	0.586271	0.540253	0.717562	0.702336	0.535527	0.763789	0.78555
0.627034	0.621004	0.783557	0.554973	0.531214	0.756628	0.780615	0.587031	0.795823	0.597597
0.610176	0.582311	0.66352	0.594277	0.694488	0.689946	0.717284	1.020256	0.78117	0.575842
0.530724	0.645002	0.910313	0.923219	0.852035	0.749163	0.594709	0.694207	0.664297	0.678006
0.689983	0.596052	0.711652	0.678305	0.68075	0.739749	0.597585	0.626156	0.783393	0.709427
0.718925	0.811318	0.684657	0.606949	0.656213	0.792493	0.722062	0.694207	0.728032	0.782235
0.609425	0.7372	0.662661	0.629456	0.675374	0.693652	0.847027	0.74288	0.614732	0.61823
0.638915	0.635243	0.755047	0.840708	0.762876	0.632961	0.732764	0.827952	0.613977	0.624309
0.671418	0.674787	0.681062	0.639122	0.723341	0.62415	0.616008	0.801225	0.819378	0.772438
0.818295	0.70205	0.491806	0.59062	0.913727	0.692723	0.564933	0.692369	0.669408	0.65936
0.807507	0.750627	0.69748	0.740494	0.731371	0.581154	0.593278	0.557145	0.59552	0.746329
0.595399	0.905211	0.902792	0.949039	0.762876	0.748107	0.744748	0.684193	0.678937	0.701128
0.596126	0.795914	0.692857	0.784859	0.813659	0.651138	0.713498	0.6597	0.626215	0.514651
0.678397	0.611002	0.736352	1.100722	0.954085	0.603252	0.75916	0.634905	0.654252	0.741291
0.695436	0.672152	0.850844	0.895895	0.879643	0.867553	0.752925	0.677053	0.839188	1.027082
0.76793	0.767742	0.87815	0.667737	0.572753	0.706879	0.772984	0.612974	0.682455	0.648706
0.788966	0.677437	0.576557	0.591349	0.533135	0.567719	0.792883	0.811961	0.769146	0.64709
0.596126	0.601226	0.848206	0.751959	0.698226	0.604766	0.717284	0.676169	0.697732	0.609267
0.586768	0.588044	0.751875	0.655725	0.603333	0.65623	0.681712	0.623018	0.858617	0.46208
0.601986	0.64336	0.774584	0.536579	0.697288	0.712673	0.564264	0.54067	0.751195	0.651956
0.763629	0.660065	0.721364	0.680091	0.681652	0.617072	0.720145	0.781644	0.737952	0.702042
0.52885	0.725165	1.020239	0.8131	0.716435	0.793663	1.028975	0.672649	0.690476	0.614473
0.632538	0.744378	0.814072	0.831732	0.768357	0.655377	0.652914	0.497611	0.639607	0.63281
0.811073	0.775448	0.652486	0.871579	0.841465	0.662247	0.772984	0.735729	0.791262	0.768153
0.634918	0.817392	0.626462	0.616121	0.676265	0.766419	0.811371	0.689627	0.865292	0.913651
0.698189	0.915821	0.831436	0.732341	0.838863	0.623358	0.5876	0.609172	0.582701	0.582741
0.783331	0.814952	0.818962	0.863312	0.678053	0.595019	0.802029	0.740825	0.642819	0.783337
0.865695	0.71927	0.712614	0.799928	0.65113	0.638662	0.791754	1.014442	0.60502	0.730408
0.779985	0.716352	0.590137	0.791749	0.775026	0.688105	0.700504	0.712066	0.819378	0.703876
0.622371	0.535774	0.626462	1.021227	0.88828	0.849864	0.834398	0.645476	0.734952	0.64709
0.582516	0.622563	0.641725	0.835556	0.589232	0.641954	0.687886	0.605402	0.82059	0.899001
0.701886	0.663484	0.841679	0.815539	0.57205	0.663114	0.810192	0.629317	0.635625	0.658531
0.721832	0.739239	0.712614	0.839414	0.703894	0.777564	0.752925	0.710151	0.633254	0.517036
0.792383	0.717323	0.674841	0.965992	0.707715	0.810381	0.634462	0.660551	0.624666	0.572433
0.793528	0.598262	0.695625	0.632654	0.51862	0.641954	0.656204	0.688716	0.891634	0.784442
0.565234	0.636048	0.86565	0.58054	0.565087	0.73563	0.6456	0.728693	0.837923	0.693881
0.484456	0.64665	0.653324	0.790593	0.891197	0.79956	0.739714	0.710151	0.620053	0.506407
0.626253	0.568301	0.689194	0.720393	0.696353	0.663114	0.686999	0.708245	0.651777	0.610007
0.701886	0.541568	0.58009	0.606949	0.646107	0.660519	0.560936	0.901506	0.706042	0.748361
0.604205	0.712492	0.545994	0.562418	0.803973	0.794836	0.689666	0.809552	0.859944	0.64709
0.663699	0.849102	0.640093	0.622345	0.678053	0.666597	0.760208	0.755421	0.626992	0.662691
0.618523	0.736185	0.757175	0.70781	0.692631	0.567719	0.739714	0.707295	0.571615	0.634374
0.690887	0.771028	0.806837	0.694654	0.695419	0.596504	0.638407	0.793055	0.683339	0.865735
0.737668	0.698315	0.598937	0.649007	0.833703	0.722506	0.739714	0.763987	0.713565	0.623545
0.813467	0.681891	0.563389	0.623915	0.681652	0.779827	0.819713	0.632501	0.510457	0.668583

0.663699	0.573153	0.582223	0.703065	0.601076	0.722506	0.748817	0.575669	0.573672	0.678006
0.591781	0.624912	0.717453	0.784859	0.615573	0.58476	0.68523	0.63894	0.642819	0.754514
0.546012	0.622563	0.631224	0.689135	0.744743	0.670991	0.916346	0.682397	0.734952	0.758666
0.765774	0.492006	0.623316	0.656572	0.755318	0.710733	0.735729	0.63813	0.591921	0.73631
0.712219	0.571761	0.566128	0.727323	0.702944	0.757705	0.582692	0.600922	0.642014	0.732366
0.772275	0.733151	0.655007	0.652353	0.686193	0.694584	0.67649	0.618354	0.61172	0.569725
0.597583	0.664343	0.765792	0.67387	0.607121	0.696453	0.825772	0.855096	0.671986	0.628153
0.565234	0.589489	0.758243	0.764821	0.710602	0.723501	0.668771	0.60241	0.769146	0.637518
0.625474	0.575249	0.61632	0.706857	0.740585	0.762041	0.55175	0.643013	0.956243	0.673697
0.740702	0.783292	0.729293	0.584113	0.654512	0.622567	0.591851	0.820498	0.719294	0.604123
0.638915	0.661771	0.736352	0.689135	0.571349	0.598742	0.718235	0.874183	0.724127	0.681484
0.563206	0.779913	1.123449	0.904814	0.652818	0.670991	0.560273	0.637321	0.630895	0.585532
0.465735	0.655828	0.780171	0.79875	0.757464	0.576866	0.593993	0.836813	0.646055	0.562363
0.636512	0.710575	0.599679	0.674753	0.686193	0.571917	0.657031	0.640565	0.713565	0.65936
0.798138	0.653306	0.604905	0.629456	0.723341	0.704011	0.774066	0.582736	0.694996	0.867072
0.627034	0.680104	0.586522	0.643213	1.000459	0.84063	0.743736	0.692369	0.744014	0.68499
0.514145	0.584452	0.572356	0.70401	0.714482	0.628133	0.708813	0.852437	0.861275	0.596878
0.603464	0.566924	0.604154	0.907827	0.721357	0.597995	0.750866	0.921244	0.99255	0.680612
0.93767	0.794751	0.67396	0.833003	0.729349	0.700215	0.78282	0.655468	0.800433	0.83733
0.697269	0.954302	0.81651	0.796404	0.810001	0.792493	0.818511	0.741851	0.701406	0.825008
0.802797	0.724177	0.540131	0.74671	0.679849	0.702109	1.011786	0.758613	0.682455	0.969206
0.905353	0.597524	0.675725	0.791749	0.537003	0.739749	0.864013	0.754362	0.646055	0.633591
0.698189	0.712492	0.769068	0.692807	0.703894	0.875966	0.681712	0.6709	0.939966	0.599039
0.80397	0.720247	0.690107	0.895895	0.894135	0.817748	0.751894	0.839378	0.785626	0.701128
0.868411	0.720247	0.731298	0.759416	0.636231	0.610107	0.684348	0.663974	0.691376	0.851301
0.64133	0.565552	0.789261	0.556317	0.46115	0.562184	0.850888	0.767243	0.733957	0.875178
0.694523	0.609484	0.809235	0.725332	0.54287	0.633771	0.701419	0.820498	0.812177	0.605586
0.683706	0.57806	0.795041	0.927944	0.817347	0.903739	0.647214	0.636514	0.753269	0.797928
0.792383	0.612526	0.667839	0.78944	0.882503	0.718546	0.637615	0.759683	0.971433	0.944522
0.707492	0.695534	0.735336	0.54306	0.614024	0.707839	0.770829	0.800049	0.866639	0.744307
0.663699	0.727148	0.791564	0.724339	0.634606	0.751283	0.945889	1.040217	0.737952	0.507575
0.885072	0.676552	0.774584	0.920096	0.690782	0.591327	0.684348	0.74702	0.634833	0.683234
0.899461	0.738219	0.741465	0.659123	0.709637	0.627333	0.510884	0.647952	0.747077	0.745317
0.63017	0.849102	0.636039	0.647344	0.858774	0.688105	0.626677	0.927501	0.976617	0.64709
0.770097	0.791282	0.660948	0.68459	0.677158	0.702109	0.68523	0.831728	0.837923	0.713167
0.766851	0.842572	0.729293	0.90182	0.717415	0.559443	0.665384	0.74702	0.60873	0.639892
0.645387	0.934636	0.815289	0.691886	0.720368	0.63054	0.635248	0.7512	0.617765	0.713167
0.666257	0.73416	0.698411	0.647344	0.978439	0.815279	0.73178	0.993766	0.761665	0.754514
0.81951	0.659214	0.631224	0.721376	0.82482	0.902232	0.9395	0.777162	0.755353	0.688525
0.632538	0.698315	0.700278	0.888601	0.666559	0.626535	0.762311	0.640565	0.710729	0.777853
0.869775	0.936241	0.77681	0.672989	0.630572	0.602497	0.723989	0.743911	0.794678	0.704796
0.893648	0.743346	0.584367	0.803481	0.713509	0.653676	0.97072	0.963631	0.933622	0.701128
1.031857	0.660917	0.743527	0.849873	0.916821	0.676323	0.797432	0.683294	0.629329	0.661856
0.765774	0.818617	0.910313	0.906318	0.732385	0.830311	0.989877	0.702575	0.700484	0.603393
0.833108	0.96448	0.803265	0.781454	0.682556	0.669228	0.753958	0.676169	0.76807	0.535975
0.811073	0.710575	0.595984	0.769195	0.694488	0.642781	0.788382	0.674406	0.776759	0.627381
0.835627	0.610243	0.637656	0.957433	1.025646	0.823984	0.795152	0.856432	0.642819	0.750403

0.706553	0.688205	0.727297	0.71454	0.921504	0.960069	0.665384	0.753305	0.786748	0.822585
0.732656	1.119598	0.975695	0.592811	0.720368	0.780964	0.745761	0.622238	0.689577	0.723621
0.945733	1.033135	0.775696	0.738441	0.632181	0.792493	0.854784	0.787312	0.701406	0.731386
0.625474	0.701114	0.704981	0.920096	0.803973	0.682627	0.730799	0.819268	0.771308	0.666891
0.559846	0.585885	0.703094	0.729323	0.714482	0.758785	0.640791	0.744945	0.878957	0.709427
0.749935	0.854398	0.880978	0.609985	0.693558	0.720521	0.707882	0.738779	0.861275	0.847446
0.856322	0.749579	0.753987	0.622345	0.605602	0.733585	0.804345	0.885479	0.798122	0.693881
0.576215	0.755903	0.845583	0.689135	0.641964	0.763131	0.810192	0.835536	0.755353	0.687638
0.620058	0.658365	0.751875	0.952377	0.800396	0.778694	0.642388	0.687808	0.881742	0.766027
0.727703	0.745413	0.620972	0.586271	0.749998	0.780964	0.629774	0.696053	0.634833	0.66019
0.710322	0.690939	0.786971	0.652353	0.686193	0.752347	0.791754	0.831728	0.665994	0.734334
0.497595	0.680104	0.777927	0.678305	0.803973	0.956646	0.688775	0.62537	0.693183	0.661022
0.720861	0.778792	0.87815	0.799928	0.86562	0.671875	0.652914	0.723736	0.709787	0.582046
1.025944	0.989198	0.784692	0.940804	0.7784	0.518405	0.663701	0.89561	0.865292	0.5584
0.776664	0.768835	0.681062	0.738441	0.751057	0.651138	0.761258	0.847166	0.55484	0.714107
0.596126	0.707715	0.733313	0.79407	0.823565	0.746002	0.698678	0.74288	0.511051	0.661856
0.740702	0.859759	0.833974	0.78829	0.781799	0.652828	0.652095	0.796538	0.637214	0.768153
0.679278	0.689114	0.699343	0.863312	0.747889	0.669228	0.648024	0.807157	0.807441	0.825008
0.808692	0.726155	0.58009	0.662548	0.693558	0.831587	0.9881	0.884051	0.866639	0.828668
0.606434	0.756966	0.60641	0.726326	0.931024	0.804336	0.828219	0.776048	0.568208	0.718838
0.662849	0.983782	0.708781	0.769195	0.733401	0.647776	0.59114	0.547842	0.615488	0.733349
0.652785	0.728143	0.840385	0.743591	0.546826	0.658798	0.716334	0.713027	0.676318	0.708497
0.880846	0.64418	0.536908	0.566533	0.567164	0.680816	0.725924	0.885479	0.841728	0.702958
0.741718	0.614822	0.512555	0.719412	0.853375	0.758785	0.584788	0.542614	0.646055	0.733349
0.720861	0.645825	0.626462	0.734365	0.875389	0.718546	0.607806	0.557145	0.646055	0.915144
0.793528	0.690026	0.66438	0.815539	0.576992	0.595019	0.794016	0.721769	0.678062	0.838582
0.737668	0.586603	0.759314	0.815539	0.723341	0.670108	0.710681	0.753305	0.846855	0.675416
0.66797	0.766653	0.699343	1.068908	0.787526	0.728514	0.643991	0.609172	0.814564	0.727486
0.817083	0.82604	0.693778	0.79875	0.811217	0.729523	0.673042	0.572179	0.76807	0.815396
0.637312	0.741288	0.775696	0.608464	0.54287	0.750221	1.023169	0.970536	0.92582	1.01001
0.538301	0.700179	0.849523	0.754076	0.674484	0.790162	0.870727	0.905982	0.903222	0.631252
0.61395	0.596052	0.795041	0.769195	0.773907	0.958354	0.819713	0.790749	0.727053	0.578588
0.666257	0.57806	0.803265	0.753016	0.68894	0.852539	0.93009	0.6463	0.904693	0.656878
0.645387	0.684586	0.6947	0.597226	0.64694	0.731549	0.894365	0.753305	0.938371	0.860431
0.645387	0.717323	0.637656	0.550301	0.49389	0.640305	0.687886	0.760755	0.837923	0.688525
0.716999	0.664343	0.60792	0.687311	0.640319	0.683535	0.573722	0.734716	0.67458	0.643076
0.637312	0.798248	1.052694	0.801109	0.704846	0.717562	0.604861	0.551805	0.630895	0.574475
0.62392	0.669534	0.704036	0.622345	0.701051	0.834152	0.674762	0.769428	0.736949	0.711293
0.682817	0.743346	0.543378	0.65488	0.802777	0.859299	0.768684	0.744945	0.665994	0.705719
0.747867	0.652468	0.620193	0.713572	0.7058	0.725499	0.764425	0.838094	0.65591	0.689413
0.561859	0.867927	0.784692	0.786	0.817347	0.647776	0.498648	0.661404	0.677189	0.685871
0.66883	0.808912	0.799721	0.610747	0.714482	0.704965	0.611515	0.826701	0.912121	0.890443
0.76793	0.981991	0.712614	0.681885	0.7784	0.915985	0.757071	0.776048	0.792398	0.65441
0.773368	0.83106	0.704036	0.552965	0.728342	0.69739	0.860034	0.770524	0.634833	0.709427
0.576215	0.981991	0.707828	0.709722	0.95919	0.688105	0.728842	0.740825	0.928924	0.890443
0.639718	0.976663	0.891021	0.87437	0.739551	0.631346	0.619789	0.756482	0.764855	0.903345
0.574135	0.63444	0.511949	0.606949	0.876802	0.73563	0.69959	0.843255	0.610971	0.625075

0.783331	0.612526	0.61632	0.639122	0.68075	0.69739	0.615256	0.691453	0.646055	0.617476
0.697269	0.726155	0.921068	0.916996	0.780663	0.679914	0.853482	0.768334	0.742998	0.661022
0.713171	0.914289	0.755047	0.833003	0.798027	0.671875	0.955652	0.739801	0.863948	0.921165
0.76256	0.663484	0.59232	0.700243	0.927827	0.765321	0.931644	0.779397	0.622354	0.668583
0.795827	0.564868	0.674841	0.598707	0.660494	0.716579	0.675625	0.632501	0.543152	0.565026
0.69911	0.740262	0.882398	0.799928	0.565778	0.670108	0.800875	0.603904	0.675448	0.599039
0.854999	0.740262	0.672202	0.717457	0.615573	0.623358	0.753958	0.672649	0.702329	0.701128
0.710322	0.57806	0.601165	0.671231	0.528666	0.576156	0.824553	0.97228	0.928924	0.890443
0.734654	0.51152	0.604154	0.819222	0.646107	0.652828	0.770829	0.814383	0.720257	0.856494
0.746836	0.70205	0.751875	0.790593	0.710602	0.875966	0.684348	0.634102	0.707911	0.939749
0.858979	0.925126	0.724321	0.71454	0.700107	0.73563	0.596864	0.634102	0.736949	0.685871
0.771185	0.775448	0.633625	0.649007	0.51738	0.680816	0.834398	0.797705	1.022405	0.670281
0.562532	0.601971	0.660948	0.655725	0.570649	0.702109	0.746778	0.675286	0.753269	0.678873
0.712219	0.762321	0.73839	0.90182	0.886829	0.794836	0.550453	0.704457	0.770226	0.864403
0.972587	1.037174	0.820194	0.72335	0.906086	0.789002	0.811371	0.779397	0.810988	0.876543
0.876661	0.906711	0.717453	0.737419	0.717415	0.740785	0.835645	0.692369	0.82059	0.664366
0.700959	0.685488	0.835249	0.821696	0.754249	0.995875	0.9395	0.800049	0.730984	0.700215
0.736661	0.696459	0.759314	0.764821	0.826078	0.806744	0.7051	0.701637	0.809802	0.781135
0.799298	0.64336	0.666972	0.613042	0.746838	0.714622	0.694149	0.637321	0.807441	0.743299
0.885072	0.887604	0.704036	0.574181	0.592163	0.866166	0.847027	0.768334	0.676318	0.688525
0.61395	0.659214	0.830172	0.763735	0.744743	0.995875	0.78282	0.772726	0.73595	0.725549
0.65695	0.685488	0.892475	0.807063	0.7437	0.679013	0.641589	0.771624	0.869346	0.709427
0.76256	0.762321	0.602657	0.677414	0.998581	0.651138	0.687886	0.748061	0.717376	0.663528
0.838161	0.801774	0.568885	0.48795	0.747889	0.678115	0.706025	0.781644	0.596244	0.843625
0.568636	0.82604	0.6947	0.625491	0.753182	0.785539	0.689666	0.819268	0.832899	0.761805
0.627034	0.786698	0.879562	0.60094	0.753182	0.856583	0.609286	0.744945	0.835404	0.685871
0.89077	0.841278	0.57027	0.581252	0.7058	0.631346	0.710681	0.872792	0.82917	0.777853
0.761494	0.745413	0.578673	0.706857	0.702944	0.783245	0.861356	0.900025	0.702329	0.959164
0.556512	0.744378	0.788115	0.745668	0.929423	0.936653	0.96902	0.779397	0.617765	0.739292
0.684597	0.934636	0.901303	0.895895	0.8507	0.694584	0.654556	0.743911	0.612471	0.582741
0.781097	0.912763	0.806837	0.940804	0.792162	0.59949	0.656204	0.834263	0.866639	0.649517
0.788966	0.792435	0.729293	0.843307	0.795671	0.632152	0.642388	0.657156	0.753269	0.910681
0.681044	0.779913	0.75293	0.738441	0.907604	0.859299	0.813738	0.667423	0.677189	0.802518
0.590343	0.855732	0.650813	0.649007	0.853375	0.703059	0.78282	0.702575	0.60873	0.729432
0.628599	0.790131	0.61555	0.651514	0.706756	0.576866	0.928541	0.807157	0.607985	0.682358
0.76043	0.790131	0.689194	0.797575	0.79921	0.617853	0.703256	0.918148	0.816964	0.69478
0.802797	0.749579	0.75611	0.69744	0.746838	0.725499	0.669622	0.656311	0.812177	0.842358
0.66455	0.903716	0.75293	0.647344	0.838863	0.936653	0.776238	0.704457	0.646055	0.598317
0.722804	0.76993	0.67661	0.676525	0.65113	0.691795	0.900119	0.864535	0.61172	0.727486
0.893648	0.709619	0.702153	0.734365	0.605602	0.701161	1.015547	1.061141	0.915128	0.906264
0.694523	0.678325	0.695625	0.726326	0.858774	0.752347	0.900119	0.728693	0.798122	0.706643
0.607927	0.706766	0.652486	0.910862	0.853375	0.782103	0.764425	0.658002	0.857294	0.706643
0.620058	1.013484	0.990041	0.834278	0.768357	0.753413	0.78282	0.788454	0.729998	0.89613
0.687282	0.823551	0.953348	0.762651	0.564397	0.69833	0.786149	0.829207	0.774571	0.846168
0.878052	0.717323	0.80208	0.760491	0.645275	0.671875	0.789503	0.645476	0.614732	0.573112
0.696352	0.627275	0.669579	0.909342	0.790998	0.832868	0.610028	0.643833	0.75431	0.65441
0.854999	0.636854	0.642543	0.926363	0.852035	0.769733	0.736722	0.710151	0.7251	0.777853

0.776664	0.738219	0.777927	0.653194	0.628169	0.855231	0.845747	0.671774	0.758497	0.864403
0.644572	0.695534	0.89834	0.749852	0.643617	0.737684	0.710681	0.716891	0.629329	0.650328
0.628599	0.535134	0.639279	0.717457	0.677158	0.836731	0.601208	0.824209	0.729014	0.626611
0.812268	0.684586	0.683756	0.816763	0.675374	0.790162	0.742727	0.677939	0.86261	0.737302
0.746836	0.726155	0.655851	0.688222	0.75639	0.863407	0.854784	0.76183	1.026286	0.861751
0.658627	0.755903	0.665242	0.557666	0.709637	1.020839	0.866686	0.779397	0.83415	0.762857
0.622371	0.673907	0.772369	0.728322	0.781799	0.798374	0.887278	0.891239	0.952938	0.60632
0.731661	0.57806	0.828912	0.820457	0.841465	0.726502	0.593993	0.699768	0.774571	0.822585
0.707492	0.723191	0.753987	0.807063	0.621039	0.887444	0.686113	0.771624	0.852043	0.73631
0.742737	0.821077	0.716481	0.561736	0.775026	1.199189	1.000693	0.89561	0.880347	0.703876
0.610176	0.762321	0.814072	0.831732	0.751057	0.805538	0.654556	0.851113	0.686002	0.707569
0.617758	0.709619	1.004878	0.887157	0.7437	0.661382	0.662861	0.87698	0.678062	0.754514
0.678397	0.658365	0.956712	0.816763	0.722348	0.652828	0.669622	0.814383	0.795823	0.690303
0.681929	0.63444	0.586522	0.58555	0.741621	0.804336	0.614505	0.793055	0.907649	0.717888
0.637312	0.656672	0.536908	0.589892	0.663083	0.671875	0.723989	0.821732	0.730984	0.65441
0.57691	0.666066	0.716481	0.79875	0.726335	0.601744	0.780615	1.06762	0.727053	0.679742
0.665402	0.783292	0.809235	0.826685	0.862869	0.688105	0.640791	0.750151	0.812177	1.000808
0.805146	0.706766	0.750823	0.631852	0.876802	0.700215	0.632894	0.924361	0.843004	0.725549
0.683706	0.674787	0.567505	0.749852	0.826078	0.640305	0.734739	0.822969	0.841728	0.658531
0.579004	0.64418	0.589411	0.664271	0.755318	0.641129	0.833155	0.698836	0.539324	0.589046
0.533865	0.739239	0.761462	0.680091	0.808789	0.537464	0.726894	0.814383	0.6065	0.715993
0.634123	0.667797	0.724321	0.765911	0.737491	0.611645	0.664542	1.092239	0.89884	0.815396
0.740702	0.814952	0.569577	0.603934	0.882503	0.701161	0.730799	0.847166	0.714515	0.72266
0.847146	0.828543	0.624101	0.675638	0.732385	0.720521	0.854784	0.788454	0.52007	0.709427
0.689081	0.788984	0.796207	0.884283	0.88394	0.785539	0.933204	0.905982	0.687786	0.788891
0.741718	0.945999	0.804452	0.750904	0.745789	0.621778	0.702336	0.915074	0.835404	0.860431
0.715081	0.744378	0.748726	0.731333	0.87822	0.760953	0.600481	0.844555	0.749131	0.723621
0.722804	0.556738	0.719404	0.756204	0.848041	0.721512	0.700504	0.801225	0.714515	0.769221
0.647839	0.699246	0.814072	0.89005	0.611711	0.638662	0.952373	0.777162	0.706975	0.734334
0.708433	0.998379	0.75611	0.693729	0.604088	0.665724	0.834398	0.750151	0.859944	0.883438
0.662849	0.778792	0.6947	0.792908	0.802777	0.546653	0.682589	0.824209	0.764855	0.972606
0.969138	0.685488	0.572356	1.002024	1.04398	0.82273	0.702336	0.852437	0.60061	0.817779
0.772275	0.588766	0.507124	0.843307	0.621039	0.663114	0.950743	0.666558	0.646055	0.900444
0.798138	0.783292	0.739412	0.810676	0.621826	0.651982	0.872083	0.657156	0.609475	0.723621
0.671418	0.832324	0.892475	0.679197	0.717415	0.664852	1.189829	0.999308	0.900296	0.846168
0.672285	0.599001	0.649146	0.801109	0.790998	0.688105	0.887278	0.763987	0.686002	0.791133
0.657788	0.568301	0.624101	0.906318	0.882503	0.831587	0.756031	0.537449	0.702329	1.24002
0.742737	0.550077	0.660948	0.71454	0.61635	0.771956	0.73178	0.622238	0.628549	0.804831
0.826874	0.682788	0.753987	0.659977	0.626574	0.560811	0.689666	0.860465	0.895943	0.646284
0.838161	0.841278	0.659243	0.931124	0.770569	0.640305	0.920879	0.847166	0.741984	0.747344
0.684597	0.673907	0.669579	0.960836	0.907604	0.654526	0.715387	0.636514	0.861275	0.796788
0.826874	0.75273	0.704036	0.656572	0.708675	0.870339	0.535815	0.577073	0.744014	0.83733
0.900927	0.7591	0.626462	0.606193	0.622613	0.679914	0.594709	0.60018	0.663451	0.615221
0.653615	0.688205	0.803265	0.826685	0.641964	0.716579	0.93477	0.912022	0.785626	0.641481
0.500504	0.514555	0.730295	0.834278	0.653664	0.687187	0.740716	0.708245	0.772393	0.661856
0.584636	0.635243	0.755047	0.60094	0.700107	0.838027	0.514444	0.59796	1.00536	0.717888
0.707492	0.741288	0.867021	0.731333	0.588502	0.705921	0.695051	0.626944	0.698647	0.61823

0.676642	0.579472	0.80208	0.666001	0.621039	0.841937	0.962284	0.807157	0.799276	0.539738
0.562532	0.535774	0.786971	0.875772	0.892664	0.958354	0.790627	0.597223	0.707911	0.612979
0.679278	0.624128	0.706877	0.749852	0.786374	0.812823	0.584088	0.782771	0.83415	0.663528
0.848445	0.954302	0.758243	0.635876	0.800396	0.708802	0.564264	0.718836	0.891634	0.77029
1.012452	0.705818	0.655851	0.656572	0.682556	0.770843	0.766549	0.835536	0.700484	0.795651
0.646203	0.756966	0.982809	0.610747	0.636231	1.060118	0.916346	0.700701	0.710729	0.618985
0.634918	0.707715	0.868397	0.74671	0.737491	0.739749	0.544028	0.621458	0.836661	0.535975
0.687282	0.777675	0.73839	0.756204	0.832423	0.653676	0.61903	0.74702	0.99255	0.71979
0.730668	0.847788	0.695625	0.583396	0.853375	0.726502	0.716334	0.788454	0.742998	0.63203
0.598314	0.666931	0.844278	0.698372	0.836275	0.994013	0.776238	0.827952	0.660923	0.773515
0.568636	0.680104	1.002995	0.765911	0.796848	0.8116	0.582692	0.736743	0.748103	0.622019
0.72378	0.939469	0.809235	0.817991	0.929423	0.696453	0.711618	0.970536	0.763789	0.72266
0.791241	0.865187	0.751875	0.627073	0.589232	0.660519	0.69959	0.901506	1.00536	1.089385
0.655279	0.906711	0.846893	0.639122	0.737491	0.752347	0.73375	0.685997	0.657575	0.753483
0.64133	0.909727	0.848206	0.772504	0.881071	0.920668	0.575775	0.635709	0.586932	0.651142
0.551231	0.560784	0.690107	0.792908	0.916821	0.688105	0.717284	1.094548	0.798122	0.663528
0.689983	0.674787	0.583651	0.801109	0.800396	0.700215	0.791754	0.839378	0.790129	0.731386
0.811073	0.768835	0.646658	0.642392	1.008054	1.159349	1.046873	0.908992	0.592638	0.909204
0.721832	1.237206	0.92419	0.719412	1.025646	0.866166	0.753958	0.831728	0.855976	0.702042
0.560516	0.701114	0.763622	0.765911	0.773907	0.737684	0.758114	0.9688	0.7251	0.73631
0.663699	0.771028	0.629631	0.926363	0.832423	0.598742	0.757071	0.788454	0.747077	0.693881
0.667113	0.798248	0.713578	0.683686	0.700107	0.648614	0.764425	0.756482	0.815762	0.783337
0.555186	0.834864	0.809235	0.831732	0.897092	0.750221	0.860034	0.845858	0.751195	0.731386
0.684597	0.741288	0.662661	0.791749	0.795671	0.62415	0.673042	0.7919	0.694089	0.85389
0.817083	0.573153	0.632023	0.904814	0.589232	0.594278	0.787264	0.832993	0.738956	0.988244
0.807507	0.662627	0.784692	0.839414	0.771679	0.754482	0.904485	0.7919	0.692278	0.843625
0.656114	0.854398	0.683756	0.910862	0.827339	0.885993	0.967326	0.756482	0.796971	0.783337
0.746836	0.872069	0.798547	0.923219	0.910654	0.742864	0.864013	0.816819	0.736949	0.93817
0.860314	0.709619	0.85217	1.195164	0.731371	0.699272	0.878924	0.835536	0.703254	0.861751
1.112294	0.817392	0.961807	0.983635	0.8615	0.718546	0.756031	0.871405	0.783393	0.675416
0.732656	0.758032	0.704981	0.996425	0.912188	1.173162	0.903024	0.805964	1.036141	0.744307
0.908329	0.686392	0.658392	1.011519	1.050268	0.83544	0.770829	0.653786	0.751195	0.850012
0.833108	0.713454	0.660948	0.762651	0.715458	0.829038	0.997058	0.697906	0.821805	0.965833
0.771185	0.611764	0.936908	0.772504	0.652818	0.613963	0.799724	0.716891	0.663451	0.613725
0.849748	0.77656	0.848206	0.824183	0.969583	0.874553	0.684348	0.824209	1.012853	0.613725
0.909825	0.853068	0.840385	1.145381	0.86978	0.873144	0.677356	0.640565	0.897389	0.813026
1.131834	0.818617	0.772369	0.935937	0.675374	0.777564	0.888686	0.720789	0.985397	1.074028
0.700034	0.89194	0.889572	0.817991	0.658776	0.888901	0.914846	0.814383	0.845568	1.02323
0.705615	0.779913	0.861562	0.727323	0.727337	0.791326	0.630552	0.719811	0.971433	0.65441
0.940877	0.714418	0.690107	0.816763	1.090034	0.899234	0.610771	0.755421	1.030201	0.652773
0.906839	0.813737	0.715511	0.945726	0.918376	0.894775	0.732764	0.814383	0.969719	0.742294
0.687282	0.832324	0.714543	0.734365	0.812436	1.752901	0.910375	0.76183	1.022405	1.040841
0.7647	0.967926	1.004878	0.8131	0.848041	0.972268	0.920879	0.915074	0.78117	0.810669
0.865695	0.834864	1.28348	0.929531	0.976653	0.709766	0.721103	0.997453	0.813369	0.649517
1.255243	0.853068	0.946697	0.804672	0.923076	0.915985	0.853482	0.762907	0.985397	0.856494
0.880846	0.777675	0.715511	0.62313	1.015785	1.314578	0.799724	0.716891	1.086836	0.851301
0.626253	0.85042	0.751875	0.756204	0.811217	1.007219	1.015547	0.871405	0.943173	0.782235

0.862996	0.959361	0.958404	0.924788	0.973104	1.159349	1.046873	0.924361	0.816964	0.784442
1.176527	0.981991	2.131454	1.235035	0.945707	1.075534	0.952373	0.814383	0.778959	0.839837
0.967423	0.800596	1.08323	0.810676	0.801585	1.051548	0.802029	0.955152	1.086836	1.050942
0.740702	1.16344	1.080976	0.799928	1.023656	1.105702	0.860034	0.908992	0.919678	0.791133
0.925074	0.987385	1.050593	0.836838	1.218286	0.847206	0.810192	0.89561	0.708848	0.727486
0.960633	0.914289	1.28348	0.903314	0.926238	0.822273	0.817313	0.822969	0.705111	0.760756
0.965716	0.929855	0.888128	0.775839	1.025646	1.175978	0.845747	1.282847	1.165193	1.107628
1.217134	1.119598	0.933693	0.810676	0.973104	1.205191	1.538779	1.003042	1.42567	0.930358
0.972587	1.288343	1.143747	0.804672	0.772792	0.704965	1.044847	1.059003	0.827934	0.724584
1.226352	1.522323	1.379317	1.18646	1.039839	0.800749	0.897232	0.853765	0.708848	0.797928
1.131834	1.005866	1.202036	1.142776	0.891197	0.785539	0.679093	0.881209	0.858617	0.88483
0.694523	0.944358	0.799721	0.769195	1.106538	0.930188	0.825772	1.5782	1.210402	1.331063
0.862996	1.109894	0.828912	1.03317	1.101758	1.060118	1.063426	0.941921	1.119393	1.004465
0.814669	1.077545	0.941775	1.058088	0.904574	0.669228	0.997058	0.807157	0.710729	0.772438
0.89077	0.966199	1.383808	1.122478	0.857418	0.778694	0.701419	0.965347	0.938371	0.919652
1.066976	1.185711	0.823909	0.782586	0.94737	0.880235	0.933204	1.420347	1.345545	1.109963
0.944108	0.838701	0.670452	0.745668	0.915271	1.089198	0.949119	0.924361	0.790129	0.758666
0.746836	0.874853	0.800899	1.005797	0.940758	0.738715	1.008057	0.776048	0.544435	0.813026
0.727703	1.019286	1.008667	1.009604	1.060954	0.928587	0.955652	1.111063	1.003507	1.089385
0.849748	0.896319	0.732304	0.829201	0.913727	0.844563	0.90595	1.378331	1.010968	1.119431
0.878052	0.640095	0.654165	1.019268	1.478636	0.908291	0.923928	1.038179	1.086836	0.946125
0.742737	0.765566	0.864283	0.918544	0.886829	0.736656	0.885874	0.767243	0.59049	0.692088
0.785576	1.068729	1.014415	1.27189	0.817347	0.672761	0.840667	0.785036	0.717376	0.671133
1.062694	0.967926	0.761462	1.009604	0.901566	0.5928	0.640791	0.783902	0.724127	0.804831
0.947363	0.802956	0.769068	1.132508	1.221405	0.953249	0.771905	0.945191	0.933622	0.865735
0.734654	0.648305	0.740437	0.700243	0.714482	0.649453	0.947501	0.840667	0.749131	0.702958
0.757255	0.71927	0.619416	0.967725	0.721357	0.597249	0.91335	0.878385	0.78117	0.928812
0.883658	1.057954	0.922626	0.924788	0.8615	0.673648	0.802029	0.772726	0.683339	0.863075
0.861653	0.694611	0.684657	0.844612	0.88394	0.534229	0.768684	1.024175	0.962929	0.863075
0.81951	0.747491	0.808035	0.892963	0.87822	0.807953	0.864013	1.034132	0.721221	0.685871
0.997528	0.854398	0.92419	1.055956	0.57205	0.970504	0.945889	0.545874	0.60873	0.834837
1.134339	0.936241	0.704981	0.892963	0.678053	0.686271	0.885874	0.829207	0.906168	0.867072
0.81951	0.673029	0.578673	0.853861	0.758541	0.637843	0.949119	0.814383	0.961248	1.074028
0.770097	0.585885	0.698411	1.023195	0.897092	0.762041	0.928541	0.696053	0.573672	0.767089
0.690887	0.669534	0.636847	0.713572	0.589232	0.719532	0.820918	0.570098	0.556819	0.774596
0.981331	0.853068	0.970435	0.900332	0.626574	0.77419	0.776238	0.749105	0.764855	0.692088
0.957278	0.724177	0.656696	0.801109	0.574161	0.703059	0.995251	0.958524	0.916639	0.766027
0.712219	0.635243	0.727297	0.804672	0.676265	0.640305	0.868029	1.201647	0.968011	0.720745
0.972587	0.949301	0.975695	0.834278	0.755318	0.628133	0.822126	0.663974	1.151979	1.082737
1.304392	0.978432	0.867021	0.70781	1.369139	1.162077	0.861356	0.819268	1.036141	1.276238
0.794676	0.824794	0.988222	0.848552	0.662218	0.890362	0.93009	1.10628	1.082378	0.762857
0.627034	0.813737	1.374871	0.839414	0.621039	1.145962	1.294626	1.085385	1.198651	1.006306
0.716999	0.79942	0.889572	0.834278	0.802777	0.970504	0.892938	0.9228	1.511909	1.175554
1.165589	0.886169	0.765792	0.927944	1.278182	0.999623	0.643991	1.204619	1.411247	1.197904
0.921981	1.041251	1.242479	0.916996	0.812436	1.02681	0.975861	1.506844	1.136635	1.055049
0.687282	0.944358	2.214695	1.3739	1.16842	1.226877	1.032889	1.335968	3.109461	1.071878
1.168298	1.30682	0.946697	1.532227	1.625398	0.920668	0.78282	1.204619	1.301013	1.266057

1.100514	1.180035	1.04435	1.180753	1.473011	1.338551	1.963489	1.512868	1.430587	1.284506
0.929755	1.310612	1.159618	0.923219	2.091238	1.688907	1.600887	1.556877	1.362117	1.618743
1.245398	1.264439	1.273474	1.282509	2.140308	1.875287	1.502526	2.234242	1.732408	1.243191
1.701367	1.438046	1.28348	1.277992	1.212113	0.903739	1.901163	1.259757	1.201571	1.191166
1.282644	1.19729	1.022198	1.572221	1.157168	1.904524	1.016988	1.159952	1.180762	1.185964
1.602311	1.239967	1.683936	1.102224	1.188468	1.130237	1.060147	2.303323	1.796328	1.183363
1.464357	1.352162	1.182249	1.219767	1.274629	1.103306	1.116771	1.237343	1.003507	1.781883
1.204514	1.124532	1.808274	1.238526	1.257285	1.211277	1.786951	1.297629	1.357914	1.512091
1.173766	1.458969	1.173302	2.213723	1.2685	1.538453	1.38184	1.564324	1.327771	1.224005
2.145642	1.574997	1.305531	1.279714	1.293293	1.306872	1.281661	1.085385	1.659614	0.612002
1.392464	1.389196	1.383808	1.586415	1.253898	1.25645	1.116297	1.137942	1.302986	1.037226
1.385929	1.398999	1.394098	1.751115	1.101758	1.147209	1.159586	1.148764	1.17622	1.203677
1.927314	1.003982	1.625044	1.382285	1.263823	1.171964	1.19266	1.335968	1.162492	1.276238
1.462778	1.935662	1.370471	1.376378	1.456563	1.151268	1.377472	0.977552	1.219365	1.247802
1.187747	1.810884	1.74167	1.183597	1.037782	1.175577	1.181655	1.004921	1.961986	2.24857
1.100514	1.798998	1.66168	1.216177	1.199887	1.187732	1.312966	1.410653	1.15459	0.880667
1.408952	0.7591	1.649312	1.674047	1.473011	1.277347	0.811371	1.316242	1.095891	0.757624
1.037506	0.991019	1.167776	1.165344	1.162913	0.953249	0.944283	1.004921	1.067125	0.860431
1.024536	1.028332	1.148973	0.769195	0.801585	1.472176	0.904485	0.822969	1.216399	1.224506
0.742737	1.011567	1.032127	0.915455	0.826078	1.02681	1.06554	0.933851	0.873439	0.745317
1.02399	0.791282	0.995546	0.74671	0.87398	0.839326	0.726894	1.089942	0.697732	0.604854
0.788966	0.842572	0.995546	0.992732	0.846718	0.825242	0.62131	0.639752	0.633254	0.653591
0.950643	0.654145	0.669579	0.616121	0.728342	0.776436	0.584088	0.783902	0.827934	0.746329
0.689983	0.886169	0.529268	0.442664	0.59883	0.675429	0.593993	0.587031	0.658409	0.539738
0.645387	0.515775	0.527379	0.510978	0.498014	0.466888	0.448769	0.592826	0.443411	0.471666
0.437566	0.598262	0.43951	0.559696	0.665688	0.543349	0.524693	0.533614	0.481161	0.521241
0.444695	0.708666	0.67396	0.688222	0.53571	0.409084	0.461239	0.582736	0.472908	0.551874
0.402176	0.496073	0.505927	0.461188	0.482891	0.530379	0.481193	0.482646	0.60502	0.545444
0.527606	0.462932	0.469246	0.459569	0.488066	0.515926	0.518635	0.430463	0.358567	0.480369
0.411113	0.416312	0.404993	0.487375	0.514297	0.455448	0.474621	0.457904	0.495275	0.434528
0.455088	0.479467	0.575152	0.69558	0.392863	0.479206	0.394437	0.349663	0.373914	0.456324
0.467355	0.458627	0.531166	0.417012	0.468276	0.619418	0.516834	0.581313	0.524344	0.532245
0.439084	0.38947	0.488346	0.467177	0.495064	0.368955	0.57715	0.538734	0.465344	0.44
0.432045	0.492006	0.492965	0.620781	0.626574	0.433433	0.55175	0.561194	0.415314	0.492627
0.44986	0.541568	0.602657	0.471585	0.404637	0.471885	0.443171	0.451537	0.458436	0.464721
0.502846	0.471121	0.483208	0.431412	0.565087	0.478639	0.584088	0.6597	0.54766	0.477085
0.63017	0.546129	0.549947	0.509766	0.579841	0.494229	0.52714	0.49064	0.437343	0.411893
0.661156	0.58018	0.539484	0.669481	0.492135	0.444825	0.572358	0.434496	0.559472	0.5617
0.586768	0.61559	0.432889	0.489101	0.543527	0.554012	0.538325	0.498784	0.46803	0.548647
0.579704	0.473885	0.502353	0.597966	0.483463	0.473004	0.643991	0.519838	0.620053	0.630475
0.467355	0.51152	0.524873	0.566533	0.533135	0.43961	0.624369	0.648781	0.557481	0.470591
0.677519	0.507307	0.5318	0.566533	0.529302	0.507359	0.572358	0.451537	0.560138	0.582046
0.679278	0.7372	0.575152	0.552965	0.469938	0.569813	0.566273	0.503507	0.585517	0.639099
0.535128	0.499001	0.449372	0.61381	0.579841	0.494817	0.492941	0.521073	0.704182	0.497743
0.563206	0.554061	0.544684	0.496076	0.442524	0.455448	0.643991	0.655468	0.819378	0.656054
0.456141	0.466734	0.612482	0.627866	0.535065	0.478639	0.607068	0.563914	0.626992	0.649517
0.502259	0.551401	0.59232	0.653194	0.634606	0.755554	0.452369	0.458974	0.659246	0.537226

0.44986	0.627275	0.544684	0.565157	0.568555	0.580437	0.542754	0.603904	0.709787	0.739292
0.687282	0.545475	0.614781	0.687311	0.509408	0.503739	0.393985	0.533614	0.594077	0.556432
0.599046	0.554061	0.631224	0.676525	0.592163	0.696453	0.544666	0.568027	0.472908	0.572433
0.674894	0.571761	0.603405	0.548314	0.656213	0.679914	0.594709	0.54522	0.656742	0.635158
0.63017	0.722207	0.514381	0.514631	0.625779	0.562184	0.505598	0.521073	0.727053	0.393967
0.44986	0.47057	0.519287	0.445784	0.540253	0.498958	0.498648	0.497026	0.619289	0.590459
0.637312	0.594585	0.730295	0.65488	0.599577	0.626535	0.543391	0.51069	0.617004	0.479271
0.509351	0.567612	0.683756	0.644861	0.562333	0.684445	0.776238	0.63894	0.617765	0.43651
0.716999	0.64665	0.624101	0.51402	0.64279	0.549982	0.498648	0.519222	0.719294	0.524878
0.448822	0.489699	0.58009	0.611511	0.566471	0.524666	0.555008	0.503507	0.669408	0.576527
0.520823	0.530687	0.764706	0.550301	0.528666	0.538765	0.549806	0.463823	0.557481	0.51228
0.63017	0.523167	0.514991	0.719412	0.601076	0.613189	0.820918	0.654626	0.531146	0.521845
0.71127	0.677437	0.553936	0.566533	0.624193	0.60024	0.548516	0.50173	0.515838	0.489811
0.648659	0.555398	0.600421	0.561055	0.51738	0.511622	0.528369	0.529814	0.560805	0.578588
0.558509	0.696459	0.777927	0.569993	0.492719	0.495406	0.489552	0.479264	0.358567	0.5584
0.523893	0.645002	0.541427	0.50257	0.5383	0.556719	0.615256	0.479264	0.37175	0.443519
0.476649	0.713454	0.455186	0.545023	0.608646	0.410052	0.481193	0.462201	0.420597	0.520638
0.482211	0.494325	0.565442	0.533375	0.506985	0.467994	0.478443	0.480952	0.524958	0.50816
0.515351	0.550077	0.482074	0.443183	0.426669	0.498958	0.572358	0.461122	0.543152	0.501765
0.466274	0.45649	0.47311	0.492575	0.470493	0.505545	0.529601	0.490064	0.514636	0.530391
0.523893	0.365486	0.4627	0.479973	0.429693	0.463041	0.533318	0.595019	0.51284	0.463663
0.467896	0.568991	0.573053	0.430404	0.445661	0.414922	0.418121	0.537449	0.562141	0.61823
0.520823	0.523789	0.497048	0.452092	0.43941	0.457604	0.478443	0.413249	0.413409	0.621259
0.483332	0.556738	0.563389	0.499606	0.52236	0.399525	0.498074	0.475352	0.388475	0.484232
0.407799	0.409086	0.487199	0.372928	0.484036	0.40142	0.513849	0.480952	0.424967	0.422341
0.43555	0.387647	0.427863	0.369851	0.461694	0.425331	0.538955	0.507682	0.493557	0.472745
0.440099	0.330625	0.342826	0.37514	0.418706	0.364135	0.417167	0.478703	0.442394	0.423304
0.407328	0.345637	0.385074	0.443702	0.415758	0.355935	0.331441	0.379846	0.399841	0.413303
0.356691	0.359052	0.404993	0.400246	0.401308	0.401895	0.404495	0.387505	0.390725	0.418989
0.323993	0.481156	0.593782	0.414092	0.332653	0.401895	0.403571	0.313321	0.380913	0.343038
0.662849	1.049522	1.226475	0.834278	0.526765	0.37205	0.45444	0.318718	0.278468	0.324613
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280	281	282	283	284	285	286	287	288	289
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0	0	0	0	0	0	0	0	0	0
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0.055612	0	0	0	0	0	0	0	0	0
2.116423	1.172229	0.566962	0.283481	0	0	0	0	0	0
1.150755	1.444814	1.133924	1.764984	1.819205	0	0	0	0	0
0.79051	1.058243	1.241613	0.794947	1.008324	1.950357	0.822861	1.175608	1.081129	1.903678
0.626792	0.721009	0.846616	0.659692	0.630755	0.75806	0.887662	1.126673	0.767708	1.003073
0.708054	0.616049	0.695379	0.638378	0.679304	0.60917	0.623211	0.939515	0.921567	0.91523
0.975402	1.084625	0.799992	0.514064	0.500792	0.706738	0.726324	1.016057	1.067076	0.890498
0.730488	0.946075	0.651644	0.66674	0.566454	0.577129	0.598942	0.761157	0.764252	0.534526
0.663805	1.268031	1.131354	1.392261	1.081427	0.904362	0.95997	0.934531	0.649015	0.659456
0.896761	1.247764	2.30053	1.261807	1.433269	0.944293	0.875979	0.954819	0.770028	1.033309
1.195098	1.069041	1.702652	1.488202	1.276853	1.226338	0.867418	1.234044	1.025356	0.697241

0.920908	0.933091	1.624235	1.543135	0.987677	1.291899	1.236526	0.674091	0.60312	0.630437
0.753089	0.9363	0.840015	0.852258	0.654777	0.606088	0.663687	0.714948	0.865939	0.713926
0.702387	0.708437	0.597434	0.645086	0.650539	0.573552	0.705398	0.757845	0.810208	0.796313
0.691271	0.514174	0.464233	0.62045	0.753838	0.719509	0.810558	0.691672	0.638579	0.579105
0.626005	0.664073	0.640743	0.634238	0.579147	0.739922	0.965247	0.629325	0.558746	0.655065
0.659533	0.696218	0.676094	0.7328	0.59075	0.659975	0.772604	0.735345	0.685729	0.8061
0.655303	0.567956	0.500446	0.696133	0.577006	0.490188	0.867418	1.0004	1.123608	0.843546
0.651114	0.589159	0.772223	0.86609	0.909083	0.59697	0.600468	0.669581	0.68002	0.817379
0.646964	0.55773	0.560801	0.486817	0.581299	0.843253	0.565964	0.559922	0.70532	0.778538
0.808103	0.577722	0.543913	0.502351	0.519096	0.612274	0.548671	0.696419	0.847482	0.699171
0.52844	0.438317	0.638266	0.644242	0.725871	0.869201	1.108623	0.875903	0.723741	0.600146
0.516657	0.572811	0.616586	0.647628	0.58491	0.760244	0.731459	0.624445	0.70532	0.663892
0.705211	0.681637	0.62052	0.696133	0.708179	0.707707	0.518545	0.646001	0.8777	0.683966
0.707104	0.558404	0.636623	0.549869	0.554122	0.665222	0.765843	0.806678	0.724787	0.82636
0.546409	0.653026	0.682428	0.573576	0.592223	0.89381	0.849429	0.793348	0.717513	0.647271
0.586177	0.643893	0.668084	0.71161	0.635617	0.806416	0.522358	0.675909	0.704319	0.681173
0.657836	0.608411	0.56565	0.704771	0.772419	0.5623	0.584712	0.674999	0.742977	0.745032
0.500445	0.572114	0.572672	0.560169	0.564375	0.620134	0.748311	0.726047	0.765401	0.757019
0.535411	0.802828	0.611138	0.707689	0.595926	0.64126	0.646361	0.700255	0.658806	0.938089
0.718639	0.829705	0.676094	0.70091	0.640534	0.657375	0.701523	0.668684	0.572547	0.834207
0.748892	0.733956	0.836102	0.697084	0.531741	0.579289	0.667236	0.819162	0.732185	0.89655
0.653622	0.56452	0.630919	0.752904	0.81831	0.837983	0.737702	0.832014	1.00491	1.063565
0.631549	0.533491	0.740878	0.863288	0.875254	1.028996	0.820588	0.618819	0.750695	0.908914
0.928738	0.758922	0.885557	0.673002	0.614929	0.626525	0.826977	0.733261	0.651663	0.949987
0.753089	0.699007	0.788205	0.556019	0.608757	0.724523	0.861803	0.761157	0.695414	0.953447
0.635553	0.616049	0.691639	0.570719	0.803666	0.860838	0.829559	0.853405	1.042437	0.851714
0.524685	0.607655	0.968691	0.635063	0.854531	0.74943	0.531387	0.80791	0.711374	0.692453
0.771397	0.684334	0.795239	0.77285	0.727882	0.796781	0.583241	0.572656	0.761963	0.700139
0.825192	0.845098	0.601954	0.570719	0.81831	1.035139	0.912015	0.666897	0.886734	0.802404
0.538617	0.616821	0.647419	0.80582	0.759221	0.666103	0.808086	0.828119	0.654328	0.760347
0.668987	0.862414	0.688855	0.811981	0.74958	0.636292	0.742974	0.786247	0.547454	0.654192
0.791661	0.823449	0.758977	0.622852	0.772419	0.612274	0.592894	0.816636	0.768867	0.823775
0.831462	0.758922	0.688855	0.789022	1.025979	0.651368	0.648063	0.773521	0.764252	0.689606
0.748892	0.784275	0.862879	0.849544	0.761393	0.884964	0.837398	0.645152	0.578492	0.648991
0.864245	0.668398	0.641572	0.936093	0.722872	0.889364	1.000245	0.657195	0.610306	0.626329
0.806907	0.690693	0.562872	0.663202	0.667744	0.645443	0.742974	0.673185	0.829778	0.773918
0.727496	0.592795	0.672515	0.852258	0.615707	0.563691	0.772604	0.663344	0.688612	0.655939
0.579056	0.708437	0.603471	0.81447	0.711078	0.574979	0.624017	0.516186	0.570338	0.743958
0.823948	0.893387	0.70105	0.649331	0.82456	0.75806	0.539943	0.536842	0.555185	0.700139
0.754145	0.668398	0.594446	0.565764	0.569943	0.689653	0.680812	0.614845	0.633454	0.591758
0.519112	0.654707	0.914122	0.663202	0.629146	0.684103	0.694826	0.648559	0.697377	0.538516
0.558366	0.545769	0.644068	0.617268	0.585636	0.603027	0.543279	0.525746	0.611112	0.600917
0.626792	0.732946	0.524477	0.640045	0.666867	0.468959	0.583976	0.692617	0.70133	0.547289
0.522819	0.60165	0.564954	0.466187	0.526639	0.537346	0.536632	0.546197	0.607097	0.563967
0.475812	0.572811	0.56149	0.466187	0.506808	0.444995	0.538615	0.643459	0.487676	0.663001
0.558366	0.555043	0.602712	0.490945	0.499599	0.587304	0.437406	0.479919	0.449909	0.431312
0.606763	0.507522	0.569849	0.549191	0.438041	0.488427	0.527494	0.557836	0.480452	0.467772

0.575538	0.505725	0.478814	0.490945	0.380496	0.508196	0.516021	0.477606	0.479259	0.404984
0.621308	0.520931	0.494492	0.616476	0.532384	0.577129	0.55413	0.458424	0.592946	0.629613
0.640407	0.630943	0.513838	0.594873	0.56576	0.470643	0.465036	0.489298	0.49564	0.554161
0.53605	0.582688	0.601197	0.394153	0.553447	0.607626	0.561751	0.56766	0.505646	0.667473
0.495172	0.527794	0.481675	0.48506	0.595182	0.575695	0.56245	0.487524	0.475112	0.491694
0.577645	0.528423	0.631729	0.683951	0.607992	0.509424	0.502398	0.578438	0.560896	0.466072
0.685817	0.592066	0.644068	0.506016	0.515373	0.604555	0.590647	0.542163	0.495022	0.56681
0.697721	0.650516	0.465337	0.50786	0.618832	0.699061	0.648063	0.593239	0.555185	0.649854
0.60451	0.581975	0.65591	0.667629	0.693968	0.714553	0.68823	0.551635	0.659707	0.463254
0.747849	0.674526	0.637444	0.694236	0.795347	0.565785	0.606624	0.444307	0.534416	0.461572
0.684915	0.624609	0.562872	0.66674	0.56715	0.50332	0.636288	0.575538	0.66333	0.503242
0.624434	0.520931	0.597434	0.645086	0.611061	0.475163	0.574517	0.626878	0.594495	0.507576
0.718639	0.658939	0.57338	0.545816	0.648016	0.513747	0.496946	0.500097	0.490722	0.604013
0.936712	0.618367	0.556687	0.570719	0.511069	0.725533	0.737702	0.440583	0.452141	0.642152
0.716695	0.546425	0.572672	0.580803	0.601917	0.712586	0.746168	0.574095	0.588329	0.549339
0.462648	0.560433	0.623693	0.674808	0.696773	0.779271	0.840043	0.693565	0.657009	0.538516
0.590507	0.669268	0.777864	0.9058	0.727882	0.722511	0.72226	0.541494	0.608699	0.551399
0.650281	0.756786	0.686089	0.588893	0.724869	0.700968	0.55413	0.658943	0.717513	0.591004
0.588337	0.688866	0.560801	0.612539	0.62119	0.574265	0.675331	0.793348	0.659707	0.650718
0.614357	0.681637	0.608055	0.610194	0.75706	0.770213	0.77832	0.722992	0.528374	0.645558
0.709959	0.717102	0.809657	0.716562	0.625946	0.592482	0.605077	0.860311	0.65522	0.532544
0.837823	0.594259	0.695379	0.779707	0.592961	0.568594	0.676239	0.826828	0.659707	0.645558
0.705211	0.616049	0.506482	0.610974	0.579147	0.606088	0.640457	0.585775	0.709346	0.790307
0.90566	0.730934	0.670737	0.912004	0.66078	0.801571	0.65929	0.528331	0.652549	0.751529
0.970156	1.02737	0.727529	0.731767	0.692107	0.699061	0.845382	0.649415	0.615163	0.693407
0.719614	0.719051	0.757891	0.526745	0.598163	0.692454	0.834769	0.767857	0.744071	0.821205
0.571355	0.669268	0.595191	0.62045	0.685658	0.701924	0.702489	0.645152	0.574767	0.715932
0.725512	0.669268	0.731593	0.86891	0.907556	0.75806	0.598182	0.688848	0.720616	0.707964
0.892379	0.725943	0.917241	0.878928	0.692107	0.730617	0.579584	0.578438	0.790263	0.835529
0.676878	0.867883	0.676993	0.627695	0.712049	0.709652	0.581043	0.70705	1.010943	0.59403
0.808103	0.804014	0.657628	0.834911	0.733972	0.737837	0.633806	0.856154	0.68002	0.640459
0.637973	1.004161	0.837402	0.786675	0.76577	0.726545	1.013885	0.890581	0.568872	0.639615
0.761609	0.768668	0.792881	0.786675	0.736021	0.760244	0.773741	0.824257	0.70133	0.684901
0.70145	0.623824	0.571965	0.841501	0.845189	0.716529	0.864602	0.902691	0.858747	0.887504
0.69865	0.617593	0.57909	0.747523	0.828354	0.751571	0.759185	0.523817	0.602329	0.804864
0.90566	0.832233	0.87407	0.822023	0.71011	0.913616	0.745101	0.421414	0.666984	0.760347
0.96155	0.914314	0.897356	0.857738	0.611832	0.659106	0.892125	0.721978	0.690545	0.779701
0.731491	0.683433	0.630919	0.848193	0.746413	0.690584	0.800754	0.90732	0.803876	0.844897
0.574838	0.747301	0.626089	0.662322	0.733972	0.649667	0.578857	0.645152	0.713411	0.727133
0.792815	0.869262	0.706797	0.45459	0.624355	0.714553	0.612868	0.72707	0.847482	0.783207
0.755204	0.650516	0.693505	0.543804	0.544106	0.734728	0.656673	0.771246	0.787832	0.993445
0.557693	0.664935	0.914122	0.719561	0.742226	0.91051	1.015869	0.923119	0.608699	0.637093
0.756265	0.630146	0.689781	0.72258	0.885273	0.856717	0.815544	0.861706	0.751808	0.658574
0.832726	0.789988	0.679702	0.804599	0.939164	0.560223	0.72226	1.158676	0.819231	0.69532
0.582602	0.729931	0.71262	0.651041	0.75706	0.769094	0.967021	0.725026	0.775882	0.772771
0.647791	0.862414	0.651644	0.579348	0.891105	0.858086	0.904257	0.52898	0.727942	0.878641
0.700514	0.843794	0.687931	0.675713	0.743269	0.611496	0.703456	0.661578	0.523074	0.8061

0.719614	0.807593	0.882657	0.725621	0.625946	0.656511	0.803184	0.658068	0.584519	0.652451
0.743701	0.62304	0.74824	0.685803	0.812148	0.716529	0.694826	0.828119	0.825793	0.761462
0.827689	0.634144	0.621311	0.845504	0.969723	0.945969	0.703456	0.992778	0.802621	0.657694
0.889482	0.756786	0.604232	0.852258	0.629146	0.66787	0.601999	0.566951	0.719579	0.747187
0.684915	0.648851	0.611138	0.554645	0.667744	0.789692	0.691044	0.63675	0.933263	0.671992
0.57835	0.711306	0.764447	0.690468	0.677505	0.883507	0.787625	0.726047	0.707328	0.704034
0.694945	0.594259	0.822049	0.77285	0.796525	0.708678	0.760288	0.642615	0.557318	0.57691
0.792815	0.686141	0.824571	0.728683	0.725871	0.625721	0.573797	0.700255	0.694436	0.698205
0.724523	0.713229	0.713598	0.720565	0.829626	0.661717	0.647211	0.860311	0.668823	0.600917
0.8302	0.783142	0.685171	0.664967	0.841245	0.82763	0.69864	0.588745	0.429793	0.665679
0.622087	0.563836	0.550589	0.572145	0.713997	0.770213	0.77147	0.56483	0.658806	0.745032
0.648619	0.634144	0.719514	0.693291	0.629146	0.649667	0.60585	0.616431	0.786623	0.689606
0.665525	0.562472	0.671625	0.734873	0.706257	0.646284	0.818059	0.763379	0.6209	0.706978
0.653622	0.603143	0.635803	0.768338	0.783731	0.728576	0.755894	0.637583	0.652549	0.718958
0.688535	0.890478	0.828381	0.675713	0.665119	0.913616	0.614443	0.664229	0.718545	0.736517
0.76811	0.774178	0.719514	0.708666	0.630755	0.738878	0.774881	0.804224	0.751808	0.638773
0.666388	0.527165	0.717533	0.626884	0.603427	0.982751	0.832156	0.775807	0.621726	0.56044
0.543796	0.651351	0.744018	0.674808	0.579147	0.764647	0.723272	0.607782	0.557318	0.4941
0.586896	0.623824	0.546571	0.745389	0.883828	0.573552	0.545966	0.548908	0.585278	0.669275
0.740616	0.709391	0.537337	0.577174	0.623562	0.682269	0.78528	0.59854	0.597612	0.76708
0.638783	0.646365	0.593703	0.535847	0.699597	0.959616	0.931221	0.80791	0.449909	0.515107
0.622087	0.802828	0.757891	0.6017	0.696773	0.626525	0.600468	0.646852	0.576998	0.60635
0.722553	0.635754	0.555325	0.665853	0.669502	0.54662	0.65929	0.640092	0.665153	0.668373
0.754145	0.57561	0.653345	0.681188	0.638069	0.666103	0.727347	0.669581	0.602329	0.645558
0.655303	0.693447	0.597434	0.733835	0.82456	0.807635	0.860411	0.585036	0.66061	0.645558
0.684915	0.81241	0.684254	0.778557	0.698653	0.602265	0.595152	0.555069	0.577744	0.640459
0.666388	0.571418	0.668084	0.731767	0.631561	0.736798	0.789983	0.668684	0.61435	0.707964
0.558366	0.474592	0.587066	0.733835	0.682016	0.704806	0.901192	0.778105	0.780623	0.548655
0.688535	0.609928	0.53086	0.657948	0.806073	0.699061	0.650628	0.839913	0.754044	0.52277
0.822709	0.745221	0.65591	0.566468	0.58274	0.714553	0.674424	0.625254	0.615163	0.657694
0.627582	0.649683	0.752503	0.585197	0.601917	0.767978	0.672616	0.717947	0.689577	0.867099
0.582602	0.732946	0.646579	0.62446	0.727882	0.797973	0.691987	0.742716	0.677194	0.623882
0.59488	0.608411	0.834806	0.840175	0.744314	0.603027	0.740858	0.812875	0.592946	0.653321
0.616662	0.722976	0.801188	0.618856	0.625946	0.606088	0.617611	0.868746	0.698362	0.749353
0.707104	0.822208	0.717533	0.563657	0.819553	0.61072	0.707348	0.867329	0.823156	0.789116
0.805716	0.63737	0.593703	0.59337	0.764671	0.85399	0.693877	0.565536	0.554477	0.60635
0.583315	0.589159	0.668966	0.745389	0.669502	0.681355	0.754803	0.574095	0.704319	0.665679
0.598559	0.740064	0.628497	0.640881	0.764671	0.586569	0.650628	0.714948	0.806398	0.663892
0.74267	0.548399	0.549917	0.669413	0.682924	0.599232	0.748311	0.861706	0.803876	0.659456
0.856148	0.550381	0.534735	0.776265	0.748522	0.66787	0.667236	0.62283	0.778246	0.684901
0.646139	0.690693	0.763348	0.771718	0.839939	0.774719	0.60585	0.605453	0.787832	0.727133
0.746808	0.639804	0.693505	0.599413	0.575584	0.627331	0.604305	0.659819	0.598394	0.64813
0.534773	0.620697	0.651644	0.589636	0.616486	0.747299	0.71029	0.773521	0.745168	0.653321
0.470279	0.542504	0.801188	0.822023	0.731932	0.742017	0.581043	0.630144	0.678134	0.655065
0.58546	0.594259	0.589267	0.683028	0.784879	0.644603	0.577405	0.73639	0.69346	0.705013
0.752036	0.776401	0.57409	0.537163	0.561617	0.700014	0.666346	0.54755	0.578492	0.729201
0.674232	0.724952	0.698206	0.640045	0.734995	0.700014	0.810558	0.719958	0.594495	0.703057

0.651948	0.873423	0.714579	0.607086	0.724869	0.647972	0.602766	0.775807	0.633454	0.564676
0.797462	0.768668	0.668084	0.672102	0.552773	0.471205	0.620002	0.839913	0.658806	0.625512
0.618205	0.623824	0.528935	0.66852	0.761393	0.714553	0.692931	0.575538	0.651663	0.671084
0.571355	0.700877	0.590003	0.626075	0.985848	1.343237	0.806855	0.592487	0.674385	0.674726
0.779165	0.774178	0.605757	0.664084	0.719893	0.61855	0.712262	0.685112	0.581495	0.650718
0.808103	0.841198	0.85739	0.82457	0.720884	0.606856	0.795934	0.651993	0.629229	0.734414
0.74267	0.709391	0.659353	0.616476	0.717919	0.656511	0.635459	0.811628	0.795164	0.761462
0.729488	0.719051	0.687009	0.936093	0.733972	0.663466	0.549349	0.689788	0.728999	0.677477
0.740616	0.685237	0.619731	0.78434	0.665992	0.669644	0.660166	0.623637	0.816634	0.769347
0.651948	0.636561	0.644903	0.651898	0.548085	0.856717	0.820588	0.590238	0.808935	0.816111
0.651948	0.620697	0.64574	0.599413	0.512909	0.693392	0.655805	0.647705	0.716484	0.556244
0.700514	0.671889	0.818294	0.791383	0.751704	0.659975	0.634632	0.815379	0.720616	0.649854
0.82024	0.626974	0.685171	0.650185	0.634803	0.672319	0.595907	0.597019	0.680966	0.705995
0.741642	0.721009	0.649949	0.560864	0.610292	0.67501	0.558964	0.720967	0.786623	0.951713
0.597084	0.718075	0.608055	0.639211	0.577719	0.642928	0.670815	0.673185	0.645508	0.662112
0.58546	0.671889	0.654198	0.7328	0.682016	0.582187	0.719236	0.691672	0.541917	0.707964
0.719614	0.762147	0.775598	0.841501	0.878093	0.666103	0.572363	0.717947	0.831115	0.741819
0.675112	0.609928	0.766655	0.657079	0.846511	0.699061	0.600468	0.977923	0.672523	0.559036
0.779165	0.694368	0.530217	0.563657	0.685658	0.657375	0.658416	0.614845	0.557318	0.658574
0.618979	0.74212	0.605757	0.584461	0.584186	0.785029	0.800754	0.508067	0.552358	0.671992
0.680432	0.978564	1.021061	0.808274	0.598911	0.534081	0.665458	0.602367	0.649015	0.709942
0.644494	0.668398	0.657628	0.799746	0.638889	0.619341	0.916738	0.740597	0.975938	0.938089
0.697721	0.526538	0.592219	0.773985	0.721877	0.755886	0.72125	0.788601	0.774705	0.817379
0.607516	0.673645	0.726519	0.569297	0.665992	0.957887	0.967021	0.649415	0.692486	0.683966
0.773602	0.708437	0.644068	0.580803	0.650539	0.709652	0.747238	0.786247	0.685729	0.595551
0.782538	0.612978	0.706797	0.708666	0.592223	0.593973	0.857639	0.739541	0.59372	0.513842
0.636358	0.551044	0.717533	0.798542	0.817071	0.718513	0.649771	0.579166	0.704319	0.596313
0.600039	0.609928	0.654198	0.600937	0.693968	0.836675	0.540608	0.575538	0.670669	0.769347
0.781411	0.828447	0.636623	0.551909	0.657339	0.628138	0.772604	0.726047	0.679076	0.716939
0.670728	0.606146	0.649949	0.629322	0.569943	0.843253	0.747238	0.811628	0.723741	0.563967
0.532229	0.643893	0.722502	0.628508	0.576294	0.799169	0.701523	0.730155	0.625045	0.569672
0.60451	0.659791	0.608055	0.669413	0.675714	0.574265	0.693877	0.717947	0.703321	0.624696
0.839107	0.714194	0.595937	0.52868	0.514756	0.568594	0.616817	0.689788	0.571073	0.69532
0.57624	0.664073	0.653345	0.430221	0.563683	0.573552	0.691987	0.746985	0.581495	0.656816
0.516046	0.86514	0.729556	0.492726	0.741186	0.760244	0.621604	0.819162	0.619253	0.548655
0.614357	0.586271	0.584876	0.675713	0.604185	0.646284	0.676239	0.921513	0.678134	0.525355
0.739593	0.609928	0.529576	0.660567	0.66078	0.751571	0.590647	0.644305	0.6209	0.777379
0.615892	0.679848	0.649949	0.741152	0.775782	0.761341	0.665458	0.574816	0.583004	0.688661
0.653622	0.809995	0.665446	0.766099	0.770191	0.690584	0.575237	0.599303	0.546063	0.694362
0.627582	0.681637	0.790537	0.716562	0.611061	0.609944	0.8632	0.817897	0.643766	0.7637
0.699581	0.629351	0.74824	0.657079	0.558876	0.491365	0.681732	0.852036	0.732185	0.705995
0.652784	0.61145	0.665446	0.744326	0.738079	0.800369	0.826977	0.67682	0.696395	0.610273
0.776932	0.57003	0.739837	0.956375	0.84387	0.613835	0.679894	0.643459	0.592946	0.680246
0.74267	0.726937	0.677894	0.519725	0.537554	0.685945	0.649771	0.550269	0.648135	0.728166
0.684015	0.784275	0.740878	0.487404	0.51972	0.625721	0.665458	0.53883	0.506914	0.523415
0.629164	0.579135	0.636623	0.714575	0.759221	0.709652	0.526849	0.725026	0.673453	0.418962
0.688535	0.566578	0.740878	0.71756	0.597416	0.615401	0.606624	0.725026	0.664241	0.582788

0.656146	0.503935	0.665446	0.630137	0.57205	0.779271	0.759185	0.580626	0.740797	0.757019
0.644494	0.749391	0.715561	0.531272	0.606465	0.870611	0.720242	0.543504	0.604706	0.604791
0.655303	0.755722	0.699152	0.632593	0.631561	0.559532	0.649771	0.693565	0.547454	0.510698
0.619754	0.642253	0.915678	0.874606	0.76577	0.486091	0.614443	0.679567	0.546758	0.478694
0.56447	0.522792	0.635803	0.619652	0.619617	0.611496	0.660166	0.839913	0.690545	0.689606
0.595614	0.528423	0.399773	0.45459	0.616486	0.740968	0.625633	0.71296	0.547454	0.642152
0.826438	0.619143	0.577656	0.575732	0.609524	0.633012	0.651487	0.48108	0.476293	0.573276
0.619754	0.745221	0.668966	0.701872	0.548085	0.509424	0.739803	0.544849	0.724787	0.746108
0.545101	0.714194	0.789369	0.618061	0.601917	0.538659	0.590647	0.684183	0.817931	0.779701
0.552346	0.583403	0.593703	0.683028	0.770191	0.550656	0.591394	0.800568	0.675319	0.655939
0.721571	0.642253	0.587066	0.791383	0.797707	0.780417	0.646361	0.642615	0.645508	0.759235
0.622868	0.71613	0.741922	0.756166	0.57205	0.778128	0.850787	0.582826	0.70133	0.685838
0.602269	0.70464	0.697261	0.62205	0.445867	0.545951	0.801967	0.660698	0.658806	0.672901
0.631549	0.602396	0.545905	0.688596	0.53367	0.561607	0.803184	0.626065	0.636864	0.596313
0.812917	0.652188	0.587066	0.636717	0.729903	0.71752	0.763612	0.668684	0.679076	0.867099
0.713795	0.65809	0.687931	0.583727	0.500792	0.764647	0.657544	0.694514	0.643766	0.643852
0.775819	0.787694	0.763348	0.698037	0.634803	0.718513	0.768085	0.779259	0.771193	0.674726
0.513609	0.538618	0.601197	0.816973	0.700542	0.999521	0.823132	0.816636	0.74737	0.746108
0.55568	0.571418	0.57409	0.760553	0.75491	0.89381	0.701523	0.613266	0.721655	0.693407
0.696793	0.728931	0.739837	0.671203	1.126952	0.884964	0.589155	0.587258	0.785416	0.710935
0.893835	0.876219	0.723503	0.662322	0.772419	0.731641	0.80932	0.895083	0.773531	0.705995
0.616662	0.572811	0.815809	0.640881	0.810926	0.778128	0.772604	0.792157	0.711374	0.678398
0.571355	0.664935	0.763348	0.597137	0.578432	0.61855	0.675331	0.709011	0.863048	0.783207
0.711873	0.774178	0.662825	0.640881	0.730916	0.533431	0.616817	0.76005	0.851672	0.918423
0.795132	0.786551	0.615804	0.608637	0.766871	0.678625	0.686363	1.078076	0.68002	0.729201
0.791661	0.712266	0.603471	0.639211	0.940807	0.8052	0.782948	0.811628	0.652549	0.673813
0.645316	0.793453	0.758977	0.682107	0.769081	0.787354	0.625633	0.700255	0.712391	0.727133
0.665525	0.779758	0.815809	0.863288	0.562993	0.556782	0.644666	0.666897	0.564503	0.637093
0.970156	0.762147	0.585605	0.60477	0.629949	0.685023	0.804404	0.706072	0.480452	0.778538
0.706157	0.976792	0.77673	0.62205	0.686574	0.704806	0.823132	0.621221	0.620076	0.713926
0.744734	1.035391	0.856029	0.86891	0.910615	0.673214	0.662804	0.846606	0.612728	0.715932
0.797462	0.688866	0.836102	0.896656	0.734995	0.716529	0.806855	0.861706	0.68002	0.81233
0.691271	0.619143	0.669851	0.661444	0.58782	0.620928	0.736655	0.616431	0.588329	0.714928
0.688535	0.794613	0.604232	0.714575	0.787183	0.848589	0.87887	0.648559	0.683818	0.612644
0.744734	0.752545	0.704873	0.733835	0.638069	0.726545	0.772604	0.571223	0.557318	0.741819
0.760535	0.747301	0.719514	0.713584	0.557513	0.628138	0.768085	0.677734	0.6209	0.916823
0.805716	0.669268	0.78473	0.750744	0.653077	0.679533	0.690104	0.738488	0.759686	0.651584
0.655303	0.558404	0.62449	0.710627	0.7895	0.782717	0.585449	0.600833	0.728999	0.624696
0.850833	0.619143	0.609594	0.673002	0.558876	0.627331	0.606624	0.56483	0.644636	0.56681
0.783668	0.749391	0.61737	0.509712	0.508629	0.858086	0.696729	0.639254	0.760823	0.737572
0.569278	0.664073	0.596685	0.564358	0.624355	0.860838	0.801967	0.828119	0.786623	0.671992
0.562426	0.622258	0.583423	0.698993	0.738079	0.697163	0.675331	0.908875	0.66333	0.69532
0.684015	0.67014	0.879776	0.881833	0.693968	0.706738	0.624824	0.658068	0.570338	0.732321
0.62365	0.813623	0.767763	0.607861	0.625946	1.04137	0.628884	0.628508	0.853078	0.684901
0.5297	0.729931	0.872655	0.542468	0.652229	0.902839	0.602766	0.575538	0.641165	0.601689
0.632347	0.680742	0.734666	0.82971	0.84387	0.661717	0.72125	0.757845	0.561615	0.574
0.607516	0.689778	0.892894	0.739048	0.744314	0.704806	0.732493	0.786247	0.732185	0.653321

0.717666	0.789988	0.64574	0.622852	0.794171	0.674111	0.781786	0.845259	1.012973	0.754815
1.027691	0.937914	0.605757	0.704771	0.880951	0.767978	0.730427	0.809146	0.704319	0.618227
0.663805	0.686141	0.733639	0.808274	0.782587	0.669644	0.810558	0.863105	0.554477	0.643852
0.653622	0.813623	0.702003	0.692348	0.682016	0.785029	0.826977	0.70705	0.742977	0.76258
0.52907	0.732946	0.669851	0.698993	0.734995	0.845913	0.686363	0.768984	0.632606	0.678398
0.611304	0.690693	0.584876	0.773985	0.967967	0.85399	0.686363	0.717947	0.589095	0.643001
0.821473	0.755722	0.676094	0.713584	0.776908	0.788522	0.764726	0.563422	0.562335	0.655939
0.59196	0.665798	0.779	0.949509	0.726876	0.734728	0.709307	0.614055	0.641165	0.69532
0.69865	0.863775	0.847948	0.679355	0.694901	0.678625	0.859023	0.795742	0.774705	0.872832
0.810503	0.658939	0.662825	0.810742	0.839939	0.728576	0.792353	0.863105	0.707328	0.725075
1.039765	0.638991	0.627693	0.730736	0.669502	0.656511	0.690104	0.56272	0.600751	0.918423
0.837823	0.849033	0.717533	0.762763	0.645508	0.764647	0.756988	0.583561	0.621726	0.69532
0.854814	0.816059	0.622104	0.632593	0.618048	0.653932	0.845382	0.708029	0.87178	0.707964
0.632347	0.617593	0.729556	0.878928	0.671268	0.57213	0.857639	0.773521	0.672523	0.76258
0.731491	0.555043	0.647419	0.841501	0.692107	0.74943	0.725305	0.602367	0.815341	0.901145
0.705211	0.646365	0.706797	0.633415	0.715954	0.889364	0.638785	0.665117	0.615978	0.764824
0.817785	0.606146	0.611912	0.672102	0.642186	0.774719	0.634632	0.641772	0.698362	0.706978
0.718639	0.602396	0.735695	0.898167	0.672154	0.889364	0.823132	0.704125	0.796398	0.795105
0.675112	0.664935	0.736727	0.859119	0.623562	0.737837	0.787625	0.625254	0.882193	0.834207
0.803341	0.787694	0.791707	0.653618	0.661644	0.792042	0.690104	0.722992	0.634304	0.656816
0.607516	0.776401	0.742969	0.629322	0.652229	0.869201	0.776025	0.779259	0.819231	0.615825
0.704268	0.605393	0.768873	0.738001	0.75491	1.058437	0.813044	0.626065	0.692486	0.568955
0.676878	0.653866	0.838707	0.720565	0.589283	0.692454	0.702489	0.585775	0.748476	0.706978
0.570661	0.632541	0.674301	0.673002	0.86963	0.886426	0.597422	0.694514	0.721655	0.656816
0.716695	0.730934	0.691639	0.672102	0.7895	0.793222	0.686363	0.674091	0.625045	0.508822
0.898232	0.684334	0.673407	0.545145	0.832182	0.89381	0.765843	0.82043	0.733252	0.620642
0.634749	0.631741	0.731593	0.560864	0.655629	0.771335	0.692931	0.82554	0.697377	0.671992
0.679541	0.748345	0.920382	0.688596	0.828354	0.601505	0.660166	0.756747	0.819231	0.697241
0.730488	0.796945	0.673407	0.730736	0.880951	0.765755	0.624824	0.693565	0.622553	0.727133
0.941567	0.660644	0.766655	0.560864	0.794171	0.788522	0.747238	0.734302	0.578492	0.720988
0.632347	0.709391	0.882657	0.758354	0.868236	0.8052	0.707348	0.614845	0.611112	0.672901
0.639594	0.701815	0.567744	0.708666	0.717919	0.60379	0.632982	0.811628	0.572547	0.661225
0.782538	0.785412	0.516318	0.735913	0.847837	0.694331	0.679894	0.804224	0.748476	0.784383
0.724523	0.767574	0.662825	0.626884	0.648856	0.870611	0.748311	0.635919	0.622553	0.801179
0.726502	0.980343	0.794058	0.724605	0.926243	0.934369	0.813044	0.738488	0.684772	0.735464
0.804527	0.713229	0.809657	0.840175	0.78603	0.720508	0.819322	0.88465	0.674385	0.729201
0.639594	0.487007	0.556006	0.881833	0.611061	0.672319	0.750464	0.88465	0.759686	0.623882
0.616662	0.562472	0.602712	0.612539	0.643014	0.789692	0.951315	0.687911	0.651663	0.729201
0.629958	0.680742	0.611912	0.81949	0.819553	0.902839	0.815544	0.641772	0.624213	0.747187
0.664664	0.726937	0.761157	0.68027	0.744314	0.671425	0.647211	0.691672	0.671595	0.867099
0.691271	0.587712	0.752503	0.864687	0.592961	0.755886	0.890632	0.750215	0.738628	0.836855
0.841686	0.62304	0.590003	0.665853	0.744314	0.719509	0.749386	0.937847	0.829778	0.786743
0.773602	0.541205	0.635803	0.863288	0.760306	0.81627	0.799544	0.640931	0.678134	0.776222
0.772498	0.779758	0.720508	0.92308	0.803666	0.71554	0.65929	0.542833	0.676255	0.670179
0.842981	0.903725	0.901865	0.716562	0.66251	0.643765	0.861803	0.70705	0.763106	0.861441
0.765932	0.720029	0.813338	0.657079	0.803666	0.753723	0.832156	0.674091	0.662421	0.690553
0.675994	0.579135	0.888477	0.792568	0.945771	0.959616	0.643821	0.864508	0.708336	0.651584

0.805716	0.691609	0.75465	0.946116	0.814603	0.767978	0.6297	0.681407	0.695414	0.700139
0.688535	0.769764	0.694441	0.635063	0.62515	0.766865	0.657544	0.574095	0.648135	0.846252
0.642037	0.771965	0.86565	0.690468	0.639711	0.763542	0.793544	0.755651	0.737548	0.56681
0.594148	0.614511	0.951419	0.804599	0.790663	0.746237	0.620802	0.789783	0.574025	0.589498
0.679541	0.721009	0.794058	0.82457	0.666867	0.677718	0.654938	0.635919	0.708336	0.699171
0.631549	0.650516	0.623693	0.514689	0.514139	0.709652	0.691044	0.639254	0.829778	0.783207
0.547722	0.873423	0.734666	0.578622	0.540818	0.696217	0.657544	0.798148	0.722696	0.535188
0.769202	0.744185	0.768873	0.744326	0.694901	0.684103	0.703456	0.779259	0.644636	0.597842
0.656146	0.758922	0.825837	0.736955	0.784879	0.714553	0.624017	0.709995	0.676255	0.654192
0.619754	0.642253	0.643235	0.642558	0.86546	0.936007	0.690104	0.819162	0.704319	0.943148
0.770298	0.752545	0.609594	0.635063	0.995072	0.923071	0.583976	0.72707	0.764252	0.627968
0.839107	0.771965	0.593703	0.568588	0.778038	0.666985	0.795934	0.902691	0.647258	0.725075
0.615892	0.817282	0.803591	0.785506	0.859961	0.659975	0.615233	0.731188	0.764252	0.855856
0.563788	0.734968	0.750366	0.635063	0.726876	0.718513	0.691044	0.951371	0.644636	0.807338
0.835267	0.744185	0.618942	0.688596	0.942455	0.817517	0.893623	1.101695	0.774705	0.674726
0.833995	0.881867	0.728542	0.750744	0.830902	0.77246	0.776025	0.681407	0.563779	0.689606
0.626792	0.836053	0.794058	0.958109	0.853184	0.802778	0.777171	0.688848	0.681915	0.722006
0.686722	0.899264	0.856029	0.769462	0.727882	0.604555	0.709307	0.66246	0.647258	0.88305
0.613592	0.61145	0.59296	0.608637	0.715954	0.685945	0.737702	0.693565	0.481647	0.554854
0.769202	0.603143	0.559425	0.702836	0.701489	0.726545	0.720242	0.602367	0.549549	0.747187
0.658684	0.689778	0.808437	1.168528	0.699597	0.666103	0.916738	0.641772	0.683818	0.717947
0.741642	0.804014	0.684254	0.715567	0.679304	0.631381	0.833461	0.762266	0.778246	1.152689
0.744734	0.682534	0.594446	0.939408	0.833465	0.675911	0.793544	0.854777	0.74737	0.706978
0.885173	0.669268	0.590003	0.845504	0.962744	0.738878	0.777171	0.593239	0.586039	0.847611
0.762685	0.766483	0.696319	0.769462	0.823303	0.956164	0.803184	0.501314	0.564503	0.752622
0.878084	0.906724	0.984845	0.816973	0.646342	0.675911	0.652347	0.686976	0.811486	0.768212
0.898232	0.696218	0.604232	0.758354	0.719893	0.628947	0.87887	0.780416	0.911787	0.847611
0.856148	0.508724	0.539955	0.809506	0.830902	0.61072	0.936158	0.88909	0.724787	0.715932
0.694945	0.656395	0.537337	0.629322	0.695836	0.652221	0.664571	0.600067	0.727942	0.797525
0.71476	0.73904	0.63011	0.575012	0.751704	0.849933	0.642977	0.566951	0.662421	0.705013
0.828943	0.749391	0.702003	0.761656	0.783731	0.818769	0.691044	0.630964	0.704319	0.578372
0.723537	0.741091	0.651644	0.848193	0.889639	0.858086	1.023897	0.757845	0.675319	0.697241
0.713795	0.839906	0.789369	0.773985	0.798893	0.820023	0.680812	0.618022	0.910178	0.638773
0.827689	0.896316	1.067154	0.554645	0.588551	0.60917	0.609735	0.618819	0.768867	0.786743
0.935105	0.861057	0.745069	0.610974	0.594441	0.810085	0.87454	0.758946	0.697377	0.719972
0.756265	0.731939	0.709699	0.662322	0.618048	1.085364	0.826977	0.870168	0.843332	0.672901
0.617433	0.681637	0.733639	0.845504	0.659056	0.702883	0.611299	0.76005	0.945283	0.659456
0.709005	0.717102	0.750366	0.643399	0.744314	0.907425	0.608955	0.768984	0.915023	0.712927
0.776932	0.759994	0.875489	0.697084	0.69118	0.745178	0.667236	0.714948	0.751808	0.850342
0.865609	0.723963	0.846616	0.796142	0.787183	0.924667	0.913584	0.892076	0.656113	0.786743
0.587616	0.693447	1.106456	0.889181	0.704344	0.735762	0.854885	0.66246	0.723741	0.615028
0.52344	0.692527	0.705834	0.692348	0.686574	0.4979	0.529436	0.59626	0.825793	0.728166
1.04181	1.01176	0.753575	0.628508	0.658197	0.637942	0.750464	0.735345	0.687649	0.719972
0.904164	0.711306	0.738798	0.614897	0.836043	0.991988	0.793544	0.822978	0.601539	0.754815
0.549698	0.690693	0.941376	0.837535	0.87952	0.899808	0.576681	0.719958	0.740797	0.702082
0.643673	0.674526	0.81705	0.66852	0.738079	0.685023	0.655805	0.899631	0.810208	0.73863
0.781411	0.747301	0.607288	0.720565	0.84387	0.682269	0.740858	0.806678	0.938374	0.768212

0.852156	0.822208	0.62052	0.59337	0.616486	0.640428	0.826977	0.846606	0.599964	0.782035
0.658684	0.813623	0.882657	0.575012	0.748522	0.692454	0.665458	0.915148	0.733252	0.693407
0.715726	0.676293	0.984845	0.898167	0.802468	0.684103	0.560355	0.824257	0.684772	0.620642
0.692186	0.789988	0.771104	0.961597	0.822049	0.633383	0.707348	0.794543	0.750695	0.683033
0.997046	0.922039	0.781283	0.641719	0.672154	0.807635	0.766962	0.697375	0.700339	0.728166
0.667253	0.902233	0.738798	0.607086	0.809708	0.77246	0.820588	0.805449	0.588329	0.705013
0.76811	0.886151	0.804798	0.789022	0.900001	0.659106	0.673519	0.666006	0.541917	0.579105
0.692186	0.676293	0.872655	0.883292	0.739112	0.636292	0.841372	0.741655	0.571809	0.645558
0.79051	0.663213	0.756808	0.81447	0.553447	0.561607	0.793544	0.901158	0.746268	0.811077
0.598559	0.641435	0.622898	0.746454	0.598911	0.687795	0.773741	0.542163	0.732185	0.908914
0.700514	0.893387	0.636623	0.779707	0.885273	0.72756	0.724287	0.715945	0.604706	0.751529
0.793972	0.884719	0.636623	0.676621	0.728891	0.663466	0.764726	0.630144	0.657906	0.918423
0.846889	0.646365	0.680608	0.837535	0.642186	0.788522	0.890632	0.877349	0.694436	0.730238
0.718639	0.653866	0.54193	0.684876	0.709144	0.801571	0.658416	0.720967	0.801369	0.813587
0.705211	0.710347	0.526382	0.86891	0.833465	0.693392	0.644666	0.714948	0.715457	0.737572
0.722553	0.872031	0.745069	0.813223	0.655629	0.669644	0.866008	0.704125	0.632606	1.133867
0.802159	0.849033	0.986678	0.929538	0.563683	0.703843	1.038313	0.750215	0.585278	0.666575
0.896761	0.671889	0.911025	0.799746	0.680206	0.82891	0.80932	0.842578	0.657906	0.653321
0.928738	0.749391	0.815809	0.936093	0.726876	0.940959	0.852149	0.845259	0.857323	0.82896
0.989711	0.717102	0.687931	1.031766	0.822049	0.723516	0.797134	0.658068	0.77236	1.050339
0.718639	0.617593	0.716546	0.785506	0.698653	0.738878	0.924724	0.627692	0.728999	0.847611
0.679541	0.721009	0.832224	0.71161	0.862702	0.685945	0.730427	0.688848	0.841958	0.70111
0.814129	0.721991	0.744018	0.804599	0.76577	0.954448	0.732493	0.750215	0.858747	0.598609
1.110523	0.787694	0.723503	0.890666	0.729903	0.760244	0.810558	0.829413	0.805135	0.633752
0.736537	0.874819	0.822049	0.671203	0.685658	0.877728	0.791166	0.678649	0.921567	0.827658
0.595614	0.738019	0.895863	0.586671	0.696773	0.858086	0.898149	0.666897	0.724787	0.737572
0.649449	0.599419	0.785885	0.81447	0.751704	0.793222	0.654938	0.73639	0.843332	0.680246
0.788217	0.583403	0.736727	0.918298	0.817071	0.915178	0.684505	0.684183	0.727942	0.656816
0.853483	0.626184	0.660219	0.648479	0.639711	0.880608	0.779472	0.608562	0.540543	0.611852
0.617433	0.787694	0.977591	0.667629	0.615707	0.826353	0.834769	0.73639	0.620076	0.725075
0.687627	0.626184	0.663697	0.748594	0.686574	0.649667	0.547316	0.685112	0.761963	0.600146
0.690357	0.619143	0.917241	0.857738	0.78603	0.746237	0.623211	0.72707	0.824473	0.771627
0.761609	0.630146	0.706797	0.698993	0.592223	0.721508	0.730427	0.739541	0.777062	0.764824
0.795132	0.873423	0.801188	0.492131	0.569243	1.104291	0.87887	0.776954	0.848875	0.683966
0.684015	0.811201	0.674301	0.603232	0.658197	0.728576	0.759185	0.785074	0.592946	0.57039
0.704268	0.620697	0.87407	0.728683	0.796525	0.66787	0.620002	0.830712	0.615978	0.665679
0.802159	0.748345	0.929946	0.802166	0.686574	0.795591	0.682655	0.615637	0.596831	0.591004
0.763765	0.74626	0.552613	0.502959	0.709144	0.898301	0.632982	0.647705	0.761963	0.76595
0.691271	0.717102	0.554645	0.512816	0.668622	0.916745	0.798337	0.648559	0.615978	0.73863
0.554344	0.697146	0.711644	0.780861	0.850502	0.620928	0.814292	0.819162	0.546063	0.57111
0.651114	0.832233	0.687931	0.714575	0.800081	0.583643	0.695776	0.774662	0.711374	0.683033
0.672476	0.759994	0.80722	0.731767	0.819553	0.681355	0.714243	0.88909	0.781816	0.867099
0.677764	0.793453	0.589267	0.629322	0.872433	0.834071	0.681732	0.780416	0.664241	0.683966
0.562426	0.668398	0.615804	0.552592	0.737049	0.661717	0.715237	0.733261	0.61435	0.693407
0.55568	0.759994	0.663697	0.867498	0.790663	0.577848	0.718233	0.66779	0.590631	0.645558
0.679541	0.841198	0.882657	0.793756	0.782587	0.638769	0.664571	0.709011	0.6209	0.75044
0.525933	0.720029	0.597434	0.693291	0.904518	0.624919	0.768085	0.776954	0.712391	0.70111

0.677764	0.671889	0.636623	0.751823	0.838636	0.721508	0.706372	0.629325	0.565955	0.751529
0.685817	0.722976	0.715561	0.734873	0.605704	0.795591	0.738751	0.530932	0.714433	1.059111
0.71476	0.806396	0.636623	0.766099	0.695836	0.699061	0.727347	0.738488	0.847482	0.871392
0.703326	0.813623	0.63909	0.729708	0.734995	0.682269	0.770339	0.811628	0.961242	0.819926
0.853483	0.634144	0.686089	0.846846	0.875254	1.001425	0.95997	0.908875	0.704319	0.814847
0.70145	0.793453	0.726519	0.791383	0.875254	0.770213	0.797134	0.619618	0.792706	1.072611
0.80098	1.203859	1.094523	0.798542	0.624355	0.702883	0.762501	0.697375	0.722696	0.953447
0.763765	0.911262	0.680608	0.70091	0.549419	0.576411	0.752628	0.665117	0.733252	0.696279
0.802159	0.631741	0.618156	0.822023	0.798893	0.639598	0.908895	0.625254	0.544677	0.661225
0.810503	0.697146	0.631729	0.78434	0.729903	0.811315	0.723272	0.56062	0.644636	0.941455
0.823948	0.809995	0.897356	0.842831	0.715954	0.898301	0.751545	0.622025	0.691514	0.791502
0.875281	1.115139	0.954819	0.878928	0.731932	0.800369	0.93286	0.908875	0.795164	0.598609
0.869728	0.725943	0.944698	1.284167	0.897015	0.756972	1.070917	1.080381	0.993088	0.798739
0.740616	0.579843	0.757891	0.934445	0.991359	0.770213	0.780628	0.683256	0.89596	0.786743
0.840394	0.74212	0.836102	0.716562	0.731932	1.101879	0.701523	0.59626	1.006911	0.818651
1.140343	0.849033	0.871245	0.771718	0.655629	0.915178	0.845382	0.681407	0.741886	0.874277
0.828943	0.675408	0.699152	0.871749	0.636433	0.865	1.116073	0.919913	0.894409	0.720988
0.709959	0.60165	0.678797	0.893651	0.900001	0.851281	0.867418	0.854777	0.941815	0.782035
0.784801	0.671014	0.862879	0.695183	0.851841	0.775852	0.611299	0.684183	1.076394	0.926509
0.896761	1.007944	0.98302	0.786675	0.713997	0.685023	0.732493	0.751297	0.96487	0.993445
0.808103	0.703696	0.795239	0.81823	0.614929	0.729596	0.697684	0.821702	0.685729	0.613437
0.567899	0.663213	1.423557	0.970443	0.75277	1.06281	0.744036	0.660698	0.687649	0.62145
0.662091	0.730934	0.851969	0.789022	0.859961	0.721508	0.675331	0.612478	0.688612	0.70111
0.655303	0.666663	0.814572	0.738001	0.732951	0.700968	0.745101	0.65372	0.807664	0.787928
0.796295	0.621477	0.808437	0.667629	0.781445	0.988269	1.357736	0.967107	0.803876	0.851714
0.712833	0.619919	0.867042	0.794947	1.116964	0.964847	0.737702	0.793348	0.786623	0.683966
0.765932	0.765395	0.878342	0.881833	0.942455	0.843253	0.632982	0.68233	0.647258	0.618227
1.012098	1.06686	0.91257	0.747523	0.830902	0.549981	0.655805	0.904228	0.902222	0.747187
1.00263	0.866509	0.956529	0.726639	0.782587	0.649667	0.594398	0.767857	0.668823	0.730238
0.571355	0.795777	1.197669	0.793756	0.935898	0.747299	0.791166	0.875903	0.69346	0.722006
0.567899	0.839906	0.939725	0.898167	0.864079	0.929491	0.723272	0.71296	0.706323	0.625512
0.775819	0.734968	0.59296	0.670307	0.872433	0.657375	0.728371	0.838586	0.610306	0.670179
0.815344	0.762147	0.596685	0.606313	0.734995	0.895302	0.828266	0.890581	0.733252	0.552778
0.618979	0.680742	0.705834	0.589636	0.708179	0.84193	0.76921	0.88909	0.625045	0.673813
0.630753	0.78884	0.792881	0.685803	0.751704	0.723516	0.628884	0.778105	0.727942	0.57691
0.702387	0.768668	0.720508	0.657948	0.738079	0.661717	0.631338	0.745914	0.610306	0.597077
1.103378	0.893387	0.64826	0.771718	0.781445	0.723516	0.896635	0.776954	0.742977	0.579839
0.732495	0.713229	0.716546	0.675713	0.910615	0.844581	0.998331	0.570508	0.499365	0.789116
0.640407	1.122496	0.769987	0.683951	0.975031	0.869201	0.819322	0.607005	0.588329	0.703057
0.630753	0.842494	0.972229	0.77285	0.798893	0.724523	0.575958	0.735345	0.699349	0.581311
0.57624	0.796945	0.750366	0.968659	0.70339	0.616186	0.665458	0.770114	0.807664	0.643001
0.989711	0.823449	0.66457	0.809506	0.712049	0.639598	0.692931	0.715945	0.806398	0.793901
0.739593	0.983923	0.783578	0.815719	1.107199	0.803987	0.789983	0.659819	0.620076	0.641305
0.783668	1.021451	0.965181	0.823294	0.918359	0.702883	0.808086	0.674091	0.596831	0.712927
0.816563	0.78884	0.68334	0.881833	0.683833	0.639598	0.706372	0.639254	0.447689	0.89655
0.908667	0.786551	0.797609	0.735913	0.730916	0.760244	0.617611	0.597779	0.619253	0.865678
0.819011	0.755722	0.693505	0.889181	1.038161	0.867796	0.806855	0.618022	0.843332	0.753717

0.946477	1.043562	0.652493	0.929538	0.969723	0.783872	0.779472	0.722992	0.561615	0.677477
0.860178	0.82594	0.745069	0.965114	0.778038	0.719509	1.082352	1.036458	0.661515	0.819926
1.096348	0.991174	0.823308	0.890666	0.769081	0.797973	0.886184	0.850673	0.725836	0.787928
0.705211	0.905222	0.682428	0.796142	0.849168	0.884964	0.998331	0.686043	0.784213	0.847611
0.956468	1.093787	0.864262	1.021595	0.912153	0.932737	0.761393	0.690729	0.585278	0.684901
0.785937	0.853004	0.706797	1.035903	0.898505	0.672319	0.758085	0.787422	0.792706	0.822488
1.237999	0.727932	0.764447	1.048553	0.700542	0.752646	0.753714	0.845259	0.727942	0.682102
0.936712	0.755722	0.727529	0.841501	0.791829	0.785029	0.72226	0.710981	0.918283	0.90579
0.904164	0.964587	0.746123	1.000023	0.962744	0.808858	0.804404	0.743779	0.885215	0.779701
0.731491	1.069041	0.90795	0.86609	1.057099	0.918318	0.663687	0.626065	0.64203	0.984026
0.872496	0.74212	0.966932	0.827132	0.644675	0.678625	0.814292	0.780416	0.624213	0.7927
1.07814	0.822208	0.741922	0.665853	0.614153	0.712586	0.828266	0.892076	0.727942	0.720988
1.02968	0.809995	0.697261	0.994321	0.89405	0.934369	0.854885	0.630964	0.819231	0.653321
1.103378	1.311642	0.981203	0.984981	1.036107	0.851281	0.795934	0.609342	0.766553	0.918423
0.98429	0.770863	0.984845	0.876042	0.644675	0.77246	1.082352	0.752381	0.719579	1.136506
0.908667	0.674526	1.045594	0.904262	0.779171	0.779271	0.887662	1.026138	0.805135	0.798739
0.738571	0.879034	0.785885	1.037985	0.829626	0.870611	0.837398	0.841243	0.827117	0.643001
1.127668	0.902233	0.727529	0.990561	0.973255	0.904362	0.826977	0.633435	0.724787	0.618227
0.899707	0.669268	0.595191	0.694236	0.715954	0.71554	0.886184	0.630144	0.815341	0.791502
0.980713	0.738019	1.043496	0.731767	0.693036	0.831483	0.913584	0.830712	0.751808	0.712927
0.804527	0.693447	0.649104	0.663202	0.567847	0.666103	0.703456	0.810386	0.695414	0.64813
0.886605	0.802828	0.760066	0.77285	0.639711	0.880608	0.583241	0.780416	0.630071	0.615028
0.823948	0.780883	0.903378	1.013626	0.773537	0.748363	0.738751	0.668684	0.708336	0.658574
0.798631	0.700877	0.968691	0.642558	0.671268	0.640428	0.988886	0.713952	0.721655	0.817379
0.720591	0.710347	0.676094	0.825849	0.7053	0.652221	0.684505	0.660698	0.723741	0.678398
0.69865	0.629351	0.885557	0.715567	0.611832	0.775852	0.599704	0.718951	0.732185	0.639615
0.914744	0.63818	0.86565	0.842831	0.738079	0.695273	0.637119	0.566951	0.602329	0.598609
0.816563	0.667529	0.691639	0.575012	0.603427	0.74943	0.699599	0.602367	0.742977	0.685838
0.595614	0.758922	0.842643	0.623655	0.68111	0.682269	0.800754	0.697375	0.64203	0.615028
0.822709	0.658939	0.872655	0.889181	0.707217	0.684103	0.47637	0.768984	0.678134	0.508198
0.861529	0.74212	0.889944	1.02361	0.813374	0.821282	0.642977	0.709995	0.733252	0.727133
0.865609	0.874819	0.946368	0.726639	0.595182	0.949341	0.774881	0.800568	1.182561	0.902688
0.706157	0.96631	0.939725	0.630954	0.75706	1.076202	0.994528	0.910435	0.921567	0.850342
0.693104	0.607655	0.730574	0.71756	0.657339	0.605321	0.627255	1.01209	0.889788	0.597077
0.892379	0.623824	0.882657	1.086536	0.910615	0.661717	0.723272	0.878799	0.829778	0.796313
0.720591	0.769764	0.822049	0.81447	0.886724	1.085364	0.833461	0.717947	0.966695	0.939769
0.674232	0.994845	0.709699	0.660567	0.836043	1.378139	1.32818	0.824257	0.989218	0.761462
0.668119	0.873423	0.867042	0.743265	0.822049	0.742017	0.992639	1.309345	1.012973	0.770486
0.781411	1.117577	1.465713	1.592621	1.418191	0.954448	0.941152	1.390944	1.055703	1.035402
0.928738	1.180629	1.071597	1.011657	1.262184	1.236054	0.87887	1.297754	1.560925	1.411737
1.120237	1.524411	0.721504	0.752904	1.56349	1.109154	1.366563	1.435695	2.126347	1.208316
0.864245	0.964587	1.13911	1.052853	1.052819	1.950357	1.401129	1.682996	1.194758	1.727793
0.825192	1.606598	1.325123	1.570719	1.321202	1.314842	2.196759	0.727133	0.363567	0
1.035703	1.158579	0.920382	1.1155	1.063856	1.050945	0.259509	0	0	0
1.178242	1.335208	1.104043	1.012213	1.038034	0.519017	0	0	0	0
1.212968	2.618832	2.432076	1.359377	1.614712	0.67502	0	0	0	0
1.267999	1.54408	2.070883	2.179958	0.831023	1.967662	0	0	0	0

1.267028	1.355873	1.732288	0.302669	0.302669	0.151334	0	0	0	0
1.255109	1.236144	0.605338	0.302669	0.302669	0.075667	0	0	0	2.174208
1.217179	1.210675	0.302669	0.302669	2.324056	0.037834	0.018917	0.009458	0.608887	1.208316
1.204172	1.524411	0.151334	0.302669	1.198164	1.037634	1.198352	1.975593	1.56817	1.160015
1.81345	0.592332	0.371833	0.556043	0.877103	2.333291	1.472028	1.35907	1.246654	1.203334
1.184663	0.888172	0.740252	1.41653	1.858216	0.956605	1.177713	2.210715	1.134238	0.901145
1.184013	1.803539	0.919609	1.382921	1.036107	0.996356	1.06763	1.159791	1.873311	0.928145
1.120237	0.951046	0.993542	1.014824	2.286003	1.016232	1.14187	1.119028	1.817983	1.014916
1.035642	1.036038	1.971661	1.078015	1.081689	0.982751	0.866008	1.337655	1.057079	1.020961
1.036434	3.1629	0.958245	1.141205	1.366995	1.085364	0.774881	0.867329	1.093197	0.953447
1.120451	1.550116	1.564731	0.845504	1.177815	1.485858	0.901192	1.089725	0.77236	1.123467
0.898232	1.409892	3.190211	1.048553	0.980406	1.142167	0.632982	0.804224	0.825793	0.632921
1.216019	1.429502	1.835687	1.764984	1.358302	0.689653	0.641295	1.022078	0.744071	0.718958
1.864845	0.939534	0.737761	1.182863	1.006406	0.680443	0.8632	0.996572	0.974074	0.719972
0.968421	1.041505	0.946368	0.739048	0.891105	0.988269	0.908895	0.755651	0.568872	0.757019
0.684915	1.145345	0.943034	0.775124	0.86963	1.018947	1.000245	0.693565	0.70133	0.585014
0.806907	0.845098	1.05624	0.856362	0.70339	0.502715	0.544621	0.663344	0.612728	0.568239
0.735523	0.695292	0.607288	0.698993	0.551428	0.405514	0.573079	0.686043	0.69346	0.628789
0.959849	0.707484	0.696319	0.537823	0.582019	0.664343	0.644666	0.562019	0.575509	0.482788
0.62053	0.733956	0.611138	0.575732	0.75277	0.636292	0.604305	0.477029	0.508821	0.54187
0.643673	0.870644	0.612688	0.510951	0.478095	0.486091	0.444818	0.523817	0.544677	0.483376
0.695868	0.621477	0.51322	0.515943	0.454373	0.434008	0.546641	0.609342	0.574025	0.569672
0.69865	0.572811	0.579809	0.561561	0.487843	0.514369	0.424988	0.555069	0.549549	0.647271
0.47359	0.580553	0.408416	0.452416	0.513523	0.468959	0.461138	0.390604	0.458338	0.625512
0.417531	0.485864	0.523212	0.463398	0.514756	0.556782	0.460584	0.423446	0.426617	0.403513
0.454089	0.456076	0.479956	0.428165	0.417342	0.348891	0.474651	0.397264	0.477477	0.412916
0.586177	0.484154	0.533439	0.549869	0.377338	0.412342	0.375847	0.48517	0.485858	0.403513
0.462108	0.367194	0.410848	0.50479	0.52348	0.495512	0.51164	0.429084	0.572547	0.565387
0.614357	0.435257	0.36992	0.558089	0.550757	0.455724	0.55827	0.457321	0.329648	0.427156
0.541199	0.549719	0.338671	0.539807	0.41685	0.381057	0.46728	0.409418	0.345107	0.418455
0.52344	0.455011	0.501646	0.475235	0.466348	0.420779	0.543279	0.470738	0.41414	0.471191
0.516657	0.457678	0.491546	0.506629	0.465797	0.433491	0.36195	0.500705	0.440551	0.372801
0.461031	0.391313	0.51694	0.479254	0.495448	0.539975	0.425499	0.425999	0.379198	0.450521
0.53033	0.481885	0.471462	0.467869	0.374648	0.381057	0.39209	0.486934	0.531049	0.400585
0.446735	0.512957	0.622104	0.435925	0.395237	0.57284	0.458926	0.461192	0.537129	0.486328
0.382014	0.460362	0.481675	0.445424	0.454373	0.55201	0.514138	0.369413	0.349943	0.561143
0.555012	0.434242	0.485133	0.435404	0.58274	0.590255	0.510396	0.593992	0.400023	0.532544
0.612828	0.501561	0.546571	0.528034	0.519096	0.562995	0.580313	0.469038	0.502494	0.481029
0.552346	0.569337	0.458208	0.424591	0.664248	0.534732	0.388792	0.56272	0.690545	0.643001
0.451448	0.570724	0.512604	0.485645	0.608757	0.561607	0.455083	0.520621	0.543985	0.493497
0.447778	0.508122	0.590003	0.522902	0.58491	0.624117	0.474651	0.467909	0.307845	0.492895
0.55635	0.659791	0.506482	0.512193	0.598163	0.427343	0.630518	0.605453	0.49564	0.553469
0.572745	0.668398	0.583423	0.51783	0.590016	0.551333	0.4701	0.524459	0.456074	0.636255
0.589059	0.455011	0.493901	0.548514	0.628344	0.457902	0.515393	0.750215	0.554477	0.638773
0.68222	0.506323	0.534086	0.578622	0.623562	0.539975	0.556195	0.607782	0.54123	0.550712
0.557021	0.644715	0.598935	0.587411	0.677505	0.689653	0.557577	0.544849	0.532393	0.541197
0.57624	0.654707	0.533439	0.661444	0.577006	0.57142	0.661043	0.660698	0.652549	0.554161

0.534773	0.74212	0.706797	0.532575	0.562993	0.619341	0.512887	0.484583	0.497498	0.639615
0.599298	0.546425	0.5077	0.479254	0.568544	0.532782	0.566671	0.538166	0.493789	0.565387
0.618205	0.519694	0.469783	0.492726	0.629146	0.62252	0.491561	0.533549	0.581495	0.601689
0.498094	0.550381	0.522581	0.454046	0.453301	0.516862	0.596664	0.451308	0.558031	0.576181
0.486525	0.438829	0.570553	0.618061	0.457607	0.397366	0.465036	0.467909	0.562335	0.531228
0.534773	0.673645	0.644068	0.56506	0.522851	0.463396	0.431153	0.455673	0.51914	0.547972
0.60601	0.563836	0.613465	0.468432	0.54213	0.521893	0.52172	0.651993	0.580742	0.551399
0.539261	0.463063	0.53086	0.4481	0.52411	0.531487	0.616817	0.51242	0.560896	0.558337
0.552346	0.569337	0.528935	0.571432	0.453301	0.490776	0.673519	0.468473	0.399527	0.542543
0.476928	0.598678	0.592219	0.548514	0.529183	0.491955	0.576681	0.562019	0.588329	0.548655
0.588337	0.62304	0.548576	0.495112	0.650539	0.534732	0.573797	0.666897	0.714433	0.459339
0.550358	0.541205	0.649949	0.594121	0.529183	0.588777	0.598942	0.483997	0.516537	0.457118
0.457279	0.514784	0.572672	0.625267	0.511069	0.413326	0.528141	0.465658	0.496258	0.508822
0.534773	0.569337	0.571965	0.539807	0.504995	0.406483	0.507303	0.588001	0.469836	0.475215
0.539906	0.432219	0.532148	0.419033	0.464696	0.410869	0.456726	0.666897	0.615163	0.469478
0.579763	0.427701	0.484555	0.480409	0.478663	0.438683	0.50792	0.496467	0.491333	0.460454
0.527185	0.535406	0.504058	0.506629	0.495448	0.445525	0.475224	0.41338	0.473934	0.485145
0.561747	0.54774	0.485133	0.456228	0.463049	0.54662	0.496946	0.443239	0.434064	0.430269
0.466447	0.327765	0.371699	0.424591	0.478663	0.418779	0.503008	0.401601	0.480452	0.464379
0.409809	0.356042	0.414275	0.413545	0.432901	0.439205	0.44911	0.390604	0.417226	0.446178
0.512396	0.500969	0.441666	0.417029	0.417342	0.52	0.488008	0.40598	0.42609	0.431312
0.710915	0.580553	0.473711	0.456228	0.40663	0.434008	0.450731	0.461192	0.452141	0.481615
0.651114	0.508122	0.404554	0.512193	0.48553	0.516862	0.490967	0.553006	0.523733	0.438151
0.520961	0.547082	0.413784	0.464511	0.377788	0.50332	0.416402	0.430116	0.427673	0.482788
0.475812	0.588435	0.496864	0.451874	0.394768	0.502715	0.415403	0.410405	0.436216	0.425093
0.412207	0.485293	0.464785	0.515943	0.464696	0.540635	0.505457	0.592487	0.488283	0.425608
0.433906	0.480191	0.489787	0.4481	0.483229	0.427852	0.494544	0.550269	0.435677	0.476372
0.39292	0.424715	0.453879	0.355181	0.418824	0.367105	0.460584	0.488706	0.408539	0.488705
0.364426	0.359443	0.324051	0.398442	0.382312	0.400703	0.479829	0.446449	0.358875	0.476372
0.368757	0.418314	0.360698	0.363054	0.325283	0.364456	0.394937	0.405492	0.450466	0.614232
0.311737	0.363732	0.342405	0.359975	0.256115	0.275238	0.308471	0.333198	0.287085	0.361989
0.213747	0.323422	0.303766	0.337348	0.364927	0.194363	0.294651	0.405003	0.295972	0.402535
0.352945	0.536688	0.533439	0.501743	0.613378	0.540635	0.545966	0.80791	1.017062	1.421833
2.374823	2.121508	0.250871	0.125436	0.062718	0.031359	0.015679	0.00784	0.00392	0.00196
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0.501537	0.250768	0	0	0	0	0	0	0	0
1.374207	1.274888	1.420573	0.351808	0.682933	1.416998	1.178158	0.589079	0	0
1.228287	0.720933	0.703616	1.317201	1.014058	1.495891	1.569549	1.341388	1.939036	0.37098
0.797373	0.736818	0.73526	0.648439	0.894986	0.919018	0.895194	0.890771	0.74196	0.791443
0.591365	1.117357	0.806436	0.664478	0.729065	0.807074	0.800101	0.705643	0.66164	0.612061
0.717016	0.821068	0.676028	0.604386	0.637578	0.573139	0.555166	0.510203	0.646697	0.584683
0.939093	0.610437	0.62054	0.846768	0.878216	0.638332	0.745862	0.64972	0.789678	0.723778
0.760306	0.679317	0.538834	0.605177	0.722746	0.742534	1.069881	1.082381	0.957655	0.682944

0.875308	0.793174	0.723388	0.678312	0.83824	0.68254	0.779259	1.001325	1.311964	1.741991
0.717016	0.572624	0.993677	0.850931	0.706333	0.734967	0.69666	0.65061	0.890617	1.445779
0.697369	0.459416	0.805149	0.766309	0.644507	0.84128	0.672596	0.635718	0.902911	1.480138
0.688809	0.616935	0.582745	0.865105	0.842351	0.930632	0.996899	0.696633	0.91717	1.690693
0.872424	0.749958	0.714953	0.837206	0.777257	0.746918	1.098877	0.715879	0.769728	0.839119
0.62499	0.678374	0.873185	0.523815	0.693439	0.706958	1.010955	0.796446	0.735552	0.900455
0.540979	0.632771	0.683733	0.632971	0.729065	0.805811	0.674472	0.934755	0.952383	0.874576
0.714012	0.569678	0.727668	0.701406	1.045866	1.077244	0.623926	0.806537	1.041229	0.775861
0.617733	0.588428	0.73199	0.923624	0.918951	1.137843	0.802621	0.58613	1.039091	0.919697
0.724109	0.907741	0.589733	0.665387	0.925572	1.177538	1.031858	0.743679	0.81185	0.847368
0.680415	0.723018	0.661016	0.483106	0.758695	0.906115	1.206027	0.869605	0.758407	0.656217
0.64666	1.037158	0.914139	0.723712	0.780828	0.613331	0.745862	0.883092	0.896721	0.796352
0.588365	0.625198	0.646505	0.610755	0.660515	0.623989	0.680152	0.880059	1.266463	1.619455
0.827409	0.789505	0.527837	0.689706	0.947813	0.831802	0.733837	0.848017	0.868465	0.862912
0.69833	0.698638	0.714953	0.722673	0.735477	0.939122	1.038331	0.972338	0.60238	0.657112
0.748262	0.800605	0.83992	0.912235	0.725894	0.612522	0.750319	0.798947	1.018272	0.827031
0.823539	0.828997	0.762347	0.810991	0.922249	0.73283	0.936149	1.220094	1.187666	0.994675
0.724109	0.716793	0.846938	1.196815	1.282787	0.986161	1.298324	1.099576	0.81185	0.736494
0.950985	0.927364	1.138285	1.123048	0.885759	1.288569	1.108989	0.720042	0.906039	1.190825
0.913076	0.853692	0.877718	0.82785	0.634154	0.766059	0.754821	0.839673	0.832557	0.990795
0.966769	0.705608	0.729823	0.93363	0.728006	0.909305	1.225652	0.77338	1.00427	0.93471
0.623367	0.647446	0.787519	1.147191	0.827463	0.803295	0.882864	0.850834	0.82208	0.79389
0.798584	0.749958	0.725522	0.677376	0.893435	1.003709	0.51428	0.596234	0.861325	0.908369
0.92104	1.149614	0.901122	0.645822	0.800383	0.974845	0.684942	0.816868	0.82598	0.939832
0.805921	0.906146	0.93098	0.798455	0.744176	0.939122	0.838141	0.811672	0.904472	0.745183
0.78899	0.730394	1.251465	0.940431	0.856344	0.980466	0.849249	0.601773	0.769728	0.767697
0.602801	0.659013	0.73199	0.802178	0.896544	0.713028	0.668866	0.913021	0.864167	0.782983
1.066744	0.806897	0.590516	0.775588	0.801635	0.675008	0.702639	0.796446	0.901355	0.803821
0.772695	0.657213	0.614698	0.686829	0.806679	0.825157	0.710742	0.624665	0.636451	0.634427
0.774985	0.895136	0.924165	0.765163	0.801635	0.688277	0.66609	0.612252	0.584796	0.663427
0.682267	0.849478	0.862789	0.866548	0.730127	0.595093	0.661502	0.562945	0.570064	0.577913
0.770416	0.578577	0.837144	0.804678	0.549943	0.730702	0.776872	0.760565	0.803093	0.726922
0.661438	0.560238	0.578149	0.751641	0.792946	0.691173	0.597932	0.494992	0.628921	0.686763
0.765894	0.683113	0.586613	0.78507	0.729065	0.704953	0.651576	0.502531	0.7629	0.645622
0.73865	0.676492	0.578149	0.585061	0.570067	0.60135	0.819361	0.648832	0.590832	0.664337
0.55321	0.577828	0.726594	0.48852	0.538166	0.605307	0.892079	0.733853	0.619081	0.801317
0.53499	0.650088	0.62054	0.491558	0.61825	0.751346	0.752564	0.87855	0.732383	0.533267
0.586129	0.615301	0.717046	0.613168	0.792946	0.670366	0.540414	0.644416	0.663432	0.626009
0.592872	0.571148	0.575869	0.65372	0.573019	0.614142	0.53766	0.545809	0.646697	0.624344
0.618533	0.651858	0.476679	0.50897	0.497731	0.759206	0.645375	0.680108	0.692201	0.539371
0.582428	0.553822	0.519769	0.635511	0.589626	0.646996	0.615635	0.579271	0.622337	0.438637
0.63736	0.745534	0.554424	0.692601	0.706333	0.490682	0.642745	0.626348	0.415156	0.481881
0.549778	0.726164	0.769391	0.56656	0.62321	0.521026	0.512981	0.586899	0.614243	0.557502
0.5539	0.607223	0.465365	0.652835	0.585795	0.473914	0.505907	0.66881	0.737677	0.683896
0.46327	0.443756	0.487057	0.585818	0.552762	0.510035	0.598722	0.651502	0.527332	0.48308
0.452753	0.455448	0.55587	0.516652	0.476465	0.55224	0.599512	0.515394	0.600045	0.599331
0.513711	0.52177	0.505999	0.512794	0.460171	0.642642	0.571177	0.530673	0.689332	0.651771

0.419093	0.536479	0.509238	0.490948	0.496487	0.453825	0.532204	0.545809	0.580323	0.538689
0.524543	0.605626	0.519103	0.474816	0.495867	0.447698	0.505269	0.441171	0.473101	0.4873
0.491629	0.560957	0.429832	0.467257	0.678078	0.485221	0.396521	0.406296	0.492048	0.446286
0.487462	0.492537	0.49078	0.438273	0.574503	0.572401	0.512333	0.461445	0.502459	0.521967
0.570791	0.438298	0.440246	0.45141	0.451127	0.443844	0.573407	0.545109	0.478347	0.473585
0.498865	0.577081	0.475474	0.550208	0.47528	0.466343	0.59479	0.453448	0.397278	0.418529
0.501917	0.52507	0.510541	0.501422	0.494628	0.537032	0.419953	0.439524	0.403649	0.488513
0.544342	0.485829	0.433093	0.463241	0.39604	0.482816	0.489016	0.51867	0.494475	0.46143
0.461034	0.462272	0.430916	0.440977	0.47116	0.512596	0.449737	0.409353	0.435392	0.505234
0.685059	0.529731	0.51579	0.556534	0.490322	0.579834	0.620591	0.464918	0.452731	0.421122
0.479829	0.55453	0.55587	0.48852	0.435201	0.491293	0.494574	0.360098	0.424379	0.466598
0.434547	0.580078	0.526482	0.461531	0.456757	0.510035	0.448617	0.396258	0.502459	0.582414
0.490434	0.500601	0.477887	0.471311	0.584273	0.519066	0.541797	0.488195	0.495694	0.437015
0.611383	0.566023	0.642952	0.543974	0.439537	0.434624	0.524812	0.490655	0.50184	0.496483
0.566506	0.510096	0.500867	0.590386	0.42931	0.47157	0.546675	0.558597	0.496305	0.565407
0.455496	0.491309	0.417025	0.436658	0.55917	0.561484	0.617281	0.619657	0.594647	0.434862
0.542321	0.553822	0.531928	0.552307	0.600534	0.763763	0.695671	0.547211	0.605512	0.619389
0.558759	0.608827	0.585837	0.575342	0.53885	0.514527	0.548078	0.479695	0.524715	0.452392
0.555283	0.457144	0.504068	0.486106	0.502112	0.483416	0.68302	0.581545	0.676189	0.62186
0.63569	0.53716	0.582745	0.631286	0.733329	0.549435	0.693701	0.781736	0.74196	0.648246
0.657039	0.748848	0.936162	0.856545	0.637578	0.661228	0.597932	0.62299	0.644113	0.732214
0.603574	0.707621	0.824868	0.607559	0.547143	0.60372	0.548782	0.562218	0.710825	0.719621
0.536314	0.622702	0.612218	0.608356	0.561328	0.667605	0.641	0.945165	0.739813	0.565407
0.649232	0.639615	0.768209	0.983637	0.654219	0.662133	0.739262	0.583068	0.570064	0.610449
0.790178	0.791947	1.071702	0.751641	0.809223	0.660325	0.767451	0.645296	0.640691	0.756294
0.888529	0.723018	0.768209	0.565113	0.738719	0.78729	0.729545	0.652396	0.7452	0.73542
0.661438	0.738981	0.739659	0.595777	0.624042	0.930632	0.882864	0.768676	0.716876	0.618569
0.784271	0.670896	0.837144	0.597329	0.633302	0.75582	0.601098	0.609811	0.586297	0.773513
0.798584	0.610437	0.637676	0.845389	0.634154	0.59277	0.706672	0.720042	0.542698	0.796352
0.595143	0.670896	0.628168	0.957914	1.082576	0.956616	0.755954	0.672544	0.678043	0.768854
0.78899	0.712693	0.726594	0.846768	0.91243	0.790931	0.712791	0.601773	0.632252	0.641282
0.841902	0.775133	0.722325	0.738527	0.632452	0.515819	0.631527	0.64706	0.768582	0.839119
0.652685	0.638753	0.733077	0.651071	0.547143	0.599778	0.872355	0.728489	0.773182	0.795119
0.84594	0.610437	0.60083	0.609954	0.80415	0.678758	0.759371	0.866664	0.915562	0.569048
0.890023	0.574847	0.722325	0.789889	0.792946	0.873962	0.682062	0.608192	0.646697	0.642146
0.778444	0.703605	0.778965	0.666298	0.615791	0.741445	0.609924	0.767508	0.628921	0.889611
0.66857	0.872443	0.767031	0.588096	0.605295	0.829132	0.615635	0.731699	0.942028	0.607243
0.528431	0.632771	0.697555	0.696493	0.594267	0.704953	0.711765	0.658706	0.59927	0.705377
0.547051	0.909343	0.831645	0.850931	0.859197	0.702957	0.82865	0.594664	0.61585	0.59079
0.659673	0.799358	0.797505	0.703387	0.870802	0.741445	0.698644	0.734934	0.847388	0.676341
0.925889	0.756681	0.680828	0.787473	1.068443	0.754698	0.810267	0.913021	0.62152	0.600115
0.772695	0.596942	0.686658	0.794763	0.747484	0.976711	0.824644	0.603369	0.575897	0.758551
0.840564	0.702607	0.81032	0.835857	0.559888	0.758075	0.745862	0.609811	0.632252	0.758551
0.790178	0.777495	0.655517	0.662667	0.52537	0.685399	0.759371	0.751477	0.814385	0.634427
0.733401	0.643078	0.657342	0.852328	0.631604	0.680645	0.778064	0.803992	0.718912	0.636131
0.771554	0.835717	0.740765	0.692601	0.658707	0.640913	0.561645	0.588441	0.884599	0.73542
0.830008	0.776312	0.686658	0.557952	0.716518	0.713028	0.582442	0.580028	0.79088	0.68965

0.702198	0.560238	0.687638	0.644954	0.726949	0.912519	0.951893	0.787805	0.571514	0.569048
0.684126	0.643078	0.874691	0.725797	0.839606	0.692143	0.57941	0.731699	0.62644	0.600115
0.609026	0.605626	0.679863	0.783873	0.847894	0.718152	0.673533	0.818177	0.682711	0.535292
0.862478	0.895136	0.612218	0.78149	0.690517	0.635766	0.667939	0.63658	0.681773	0.670759
0.644955	0.638753	0.586613	0.704381	0.655113	0.750235	0.737084	0.583068	0.689332	0.906775
0.568643	0.571148	0.59763	0.799692	0.668746	0.7885	0.807703	0.68202	0.611845	0.68965
0.555283	0.678374	0.649189	0.644954	0.575246	0.534323	0.593227	0.562945	0.560749	0.902026
0.650955	0.580078	0.724454	0.669959	0.681867	0.667605	0.664249	0.639177	0.544743	0.635278
0.588365	0.636179	0.740765	0.814824	0.879714	0.667605	0.689786	0.729556	0.835216	0.55325
0.827409	0.641343	0.679863	0.844014	0.733329	0.812164	0.637531	0.574009	0.603161	0.576423
0.830008	0.742245	0.599227	0.668124	0.665068	0.696045	0.553739	0.587669	0.718912	0.54487
0.558759	0.731458	0.754271	0.598887	0.704324	0.810886	0.688813	0.583832	0.70387	0.548342
0.491031	0.539893	0.558047	0.57313	0.699342	0.762619	0.774497	0.762867	0.653665	0.639558
0.532354	0.661726	0.652794	0.722673	0.772542	0.852371	0.801359	0.778135	0.615046	0.571983
0.616137	0.68887	0.676028	0.70838	0.673387	0.704953	0.603487	1.019694	0.994538	0.8127
0.747184	0.814569	0.498958	0.683023	0.760972	0.557906	0.616457	0.767508	0.776665	0.658907
0.727184	0.817157	0.73526	0.657277	0.66233	0.678758	0.814141	0.665109	0.414143	0.580158
0.572228	0.719894	0.870189	0.759477	0.536801	0.679701	0.84366	0.535432	0.498142	0.564682
0.603574	0.777495	0.643838	0.691634	0.564948	0.503697	0.743651	0.547914	0.628921	0.716529
0.717016	0.577081	0.659175	0.765163	0.562772	0.610104	0.748085	0.551446	0.550244	0.527913
0.645807	0.631923	0.582745	0.683023	0.747484	0.729642	0.703644	0.653292	0.585546	0.75517
0.716013	0.763509	0.69856	0.533778	0.750817	0.781287	0.611548	0.60257	0.632252	0.795119
0.777288	0.570412	0.705656	0.65372	0.557738	0.709982	0.759371	0.704633	0.684593	0.600115
0.533012	0.596161	0.770577	0.611558	0.585795	0.827803	0.725296	0.695644	0.705846	0.679158
0.62175	0.625198	0.63074	0.638921	0.564948	0.653165	0.667939	0.549324	0.681773	0.589255
0.768149	0.716793	0.529878	0.731056	0.759832	0.678758	0.551608	0.583832	0.717893	0.704377
0.623367	0.80437	0.729823	0.554415	0.587324	0.627321	0.71382	0.665109	0.549552	0.679158
0.641563	0.823695	0.830281	0.606763	0.799135	0.586635	0.522818	0.604169	0.603943	0.601689
0.586129	0.692751	0.685681	0.682077	0.595826	0.570929	0.542491	0.652396	0.504323	0.529913
0.743964	0.589195	0.51513	0.716489	0.549242	0.488854	0.693701	0.769847	0.55163	0.48248
0.741831	0.589963	0.532614	0.532436	0.62155	0.562204	0.539724	0.614706	0.677115	0.703379
0.620943	0.717825	0.538834	0.791103	0.645381	0.646996	0.834048	0.560042	0.672506	0.796352
0.677653	0.684068	0.650088	0.812265	0.683775	0.614142	0.879836	0.722138	0.600822	0.645622
0.715011	0.778681	0.819521	0.724753	0.562772	0.678758	0.932727	0.62132	0.673424	0.656217
0.721055	0.711674	0.676028	0.638066	0.772542	0.582089	0.675414	0.655991	0.854301	0.77704
0.654421	0.648325	0.655517	0.888791	0.967565	0.778909	0.613178	0.701616	0.680838	0.566859
0.727184	0.712693	0.650088	0.670879	0.555598	0.614954	0.661502	0.634	0.581809	0.562515
0.692593	0.752188	0.830281	0.533778	0.530712	0.686356	0.6792	0.704633	0.709825	0.604854
0.537641	0.752188	0.715999	0.590386	0.610915	0.722295	0.711765	0.779332	0.611048	0.56036
0.620139	0.748848	0.753129	0.654606	0.896544	0.967462	0.746972	0.670673	0.658077	0.4873
0.76477	0.728274	0.706679	0.608356	0.667823	0.838551	0.65606	0.693671	0.732383	0.567587
0.798584	0.887439	0.533989	0.512794	0.647134	0.610104	0.633234	0.758275	0.728193	0.721695
0.66321	0.714738	0.662864	0.613168	0.630757	0.525633	0.669796	0.710731	0.518882	0.620211
0.647516	0.833017	0.721264	0.814824	0.802891	0.468078	0.534242	0.557158	0.487233	0.668915
0.617733	0.705608	0.550116	0.582799	0.650662	0.548039	0.634948	0.571031	0.605512	0.734349
0.882603	0.592277	0.485823	0.615595	0.82086	0.778909	0.71382	0.701616	0.615046	0.505865
0.69833	0.612052	0.675074	0.712416	0.68858	0.698994	0.767451	0.595448	0.618271	0.796352

0.780766	0.721974	0.722325	0.564392	0.47116	0.628158	0.615635	0.514742	0.625616	0.701391
0.62175	0.533767	0.555146	0.627101	0.624876	0.590459	0.741451	0.680108	0.743037	0.69646
0.610596	0.563845	0.629023	0.700419	0.576738	0.629837	0.820676	0.666956	0.676189	0.680102
0.631543	0.534444	0.693561	0.743943	0.732259	0.675943	0.538347	0.552156	0.60238	0.645622
0.655292	0.710657	0.705656	0.62461	0.863513	0.855188	0.545975	0.533386	0.744117	0.787797
0.736543	0.692751	0.545851	0.565836	0.607695	0.693115	0.685907	0.565136	0.70387	0.59079
0.595903	0.457711	0.616359	0.78149	0.55917	0.680645	0.807703	0.759419	0.614243	0.541425
0.670371	0.549596	0.566866	0.598108	0.66233	0.698994	0.575648	0.593881	0.728193	0.571983
0.792563	0.80944	0.529197	0.591919	0.711396	0.693115	0.634948	0.614706	0.710825	0.638699
0.650093	0.639615	0.521772	0.484303	0.632452	0.660325	0.676357	0.737104	0.489032	0.55325
0.572228	0.712693	0.588951	0.588858	0.795411	0.552945	0.57941	0.710731	0.562881	0.616117
0.614547	0.735741	0.60083	0.57313	0.631604	0.599778	0.563098	0.785367	0.635608	0.626009
0.727184	0.600867	0.736355	0.741768	0.543668	0.582089	0.556597	0.669741	0.595414	0.615303
0.661438	0.568212	0.614698	0.641496	0.61416	0.74472	0.721088	0.631434	0.561458	0.71448
0.596664	0.604034	0.505355	0.670879	0.587324	0.75582	0.728479	0.529323	0.723012	0.66071
0.836575	0.793174	0.598428	0.614785	0.614975	0.539074	0.646256	0.605774	0.629752	0.748486
0.721055	0.591505	0.682762	0.611558	0.522723	0.687315	0.849249	0.664188	0.680838	0.684849
0.630718	0.594603	0.605674	0.580548	0.553469	0.65051	0.768617	0.63658	0.590073	0.744087
0.666776	0.568944	0.623067	0.733178	0.723793	0.768367	0.678251	0.686836	0.70387	0.700401
0.634026	0.546105	0.545851	0.67551	0.594267	0.638332	0.842273	0.584597	0.74196	0.817857
0.519412	0.689837	0.822186	0.565836	0.585033	0.726478	0.711765	0.607384	0.609459	0.585441
0.660555	0.729333	0.7026	0.642358	0.648895	0.705954	0.611548	0.669741	0.752855	0.573458
0.693544	0.675554	0.762347	0.830502	0.778444	0.813446	0.655159	0.647945	0.694124	0.63104
0.696409	0.647446	0.682762	0.609154	0.61416	0.701963	0.672596	0.754863	0.816935	0.679158
0.696409	0.784661	0.623913	0.581297	0.599746	0.637475	0.552317	0.56955	0.719933	0.602478
0.52197	0.687905	0.570595	0.639778	0.599746	0.503069	0.651576	0.760565	0.577367	0.554663
0.602029	0.712693	0.660094	0.699434	0.661422	0.532974	0.577901	0.555007	0.66164	0.676341
0.699294	0.682161	0.509238	0.562235	0.778444	0.751346	0.658772	0.731699	0.647562	0.681047
0.792563	0.658112	0.545144	0.636361	0.786845	0.524312	0.639262	0.677256	0.734493	0.639558
0.610596	0.624364	0.709763	0.605177	0.591168	0.63662	0.821995	0.618001	0.616656	0.847368
0.657039	0.648325	0.723388	0.643222	0.531384	0.66486	0.714851	0.72319	0.690287	0.715503
0.569358	0.594603	0.48644	0.523159	0.615791	0.550836	0.678251	0.61635	0.681773	0.739732
0.742896	0.516543	0.637676	0.783873	0.652437	0.543879	0.6792	0.639177	0.530627	0.717557
0.511827	0.542643	0.681794	0.643222	0.514232	0.672217	0.692719	0.600183	0.628921	0.796352
0.551834	0.576335	0.729823	0.645822	0.484242	0.597429	0.541105	0.609001	0.594647	0.59079
0.67218	0.714738	0.659175	0.733178	0.640163	0.582843	0.539035	0.695644	0.731332	0.593103
0.658793	0.675554	0.649189	0.61722	0.563496	0.652278	0.767451	0.682979	0.639839	0.542112
0.593628	0.608024	0.604053	0.527773	0.585795	0.517115	0.485959	0.583832	0.760647	0.577167
0.510576	0.606424	0.655517	0.572395	0.649778	0.599778	0.556597	0.610623	0.69897	0.630198
0.713015	0.64221	0.566866	0.601235	0.568598	0.645249	0.695671	0.686836	0.557219	0.52526
0.610596	0.570412	0.650088	0.599669	0.663241	0.693115	0.605087	0.577761	0.501221	0.481881
0.586129	0.661726	0.608934	0.652835	0.777257	0.617399	0.538347	0.619657	0.761772	0.71448
0.72207	0.794404	0.54869	0.543974	0.683775	0.676879	0.648022	0.678204	0.57297	0.667995
0.564379	0.557375	0.514472	0.497697	0.62321	0.621506	0.63409	0.66881	0.454392	0.590022
0.519412	0.582339	0.539531	0.547426	0.636719	0.628158	0.5749	0.671607	0.504323	0.466021
0.503758	0.678374	0.764683	0.713431	0.62321	0.489463	0.517544	0.749235	0.6016	0.540739
0.629895	0.586135	0.624761	0.751641	0.605295	0.532974	0.502096	0.580028	0.736613	0.501462

0.683195	0.636179	0.51645	0.545351	0.610915	0.557906	0.587032	0.561491	0.612643	0.667995
0.636524	0.770446	0.5617	0.766309	0.816947	0.893584	0.715884	0.596234	0.550936	0.570513
0.645807	0.663545	0.573601	0.603596	0.516176	0.521681	0.791398	0.628883	0.633926	0.654433
0.662323	0.669046	0.685681	0.647565	0.488489	0.549435	0.641	0.784154	0.611845	0.677278
0.798584	0.630232	0.613043	0.576082	0.587324	0.703954	0.667939	0.701616	0.752855	0.805078
0.856895	0.650972	0.644725	0.696493	0.665985	0.672217	0.613995	0.582306	0.662535	0.649125
0.675821	0.537841	0.603245	0.62461	0.53612	0.602139	0.75709	0.539553	0.648429	0.754049
0.592118	0.68887	0.627313	0.470149	0.55631	0.702957	0.785286	0.677256	0.654544	0.608843
0.614547	0.656316	0.618862	0.567285	0.610108	0.595093	0.625604	0.728489	0.780175	0.529245
0.695452	0.579327	0.772957	0.677376	0.653327	0.610104	0.535606	0.601773	0.574431	0.643013
0.638197	0.66082	0.738555	0.70838	0.577485	0.699981	0.539035	0.51867	0.619081	0.638699
0.708065	0.66997	0.729823	0.672726	0.666903	0.901373	0.69666	0.618001	0.748464	0.71448
0.648373	0.707621	0.56317	0.587335	0.701328	0.778909	0.740355	0.640046	0.631417	0.553956
0.583165	0.616935	0.650088	0.678312	0.71755	0.654054	0.651576	0.747004	0.709825	0.569048
0.605902	0.583096	0.635932	0.76402	0.635007	0.696045	0.608306	0.660526	0.829914	0.797588
0.683195	0.598508	0.488294	0.532436	0.62321	0.724382	0.589345	0.610623	0.692201	0.68965
0.737595	0.875401	0.572095	0.613976	0.538166	0.618217	0.653364	0.743679	0.593881	0.521967
0.632369	0.745534	0.739659	0.688745	0.800383	0.610908	0.689786	0.713813	0.675265	0.717557
0.680415	0.838435	0.724454	0.684922	0.680917	0.598993	0.638396	0.568073	0.600822	0.73009
0.634857	0.670896	0.601633	0.601235	0.777257	0.685399	0.636668	0.789029	0.75396	0.642146
0.639877	0.616118	0.517775	0.582799	0.728006	0.746918	0.649795	0.685869	0.625616	0.561077
0.634026	0.701612	0.678901	0.711403	0.607695	0.704953	0.797597	0.690729	0.537292	0.558215
0.7061	0.728274	0.886929	0.723712	0.648895	0.627321	0.654261	0.609001	0.59927	0.723778
0.75479	0.531073	0.564645	0.607559	0.706333	0.647872	0.728479	0.812965	0.839236	0.796352
0.632369	0.579327	0.686658	0.729999	0.698353	0.676879	0.638396	0.710731	0.590832	0.871631
0.694497	0.607223	0.540927	0.707377	0.583513	0.623159	0.808983	0.563674	0.701904	0.747382
0.803461	0.765809	0.695553	0.646693	0.55917	0.628158	0.825975	0.838298	0.7849	0.679158
0.742896	0.768121	0.670337	0.62461	0.581243	0.700971	0.998879	0.749235	0.666134	0.680102
0.689752	0.706613	0.654608	0.831835	0.704324	0.718152	0.685907	0.52865	0.581066	1.147179
0.605125	0.598508	0.66472	0.648439	0.733329	0.826478	0.674472	0.551446	0.655424	0.718588
0.610596	0.650972	0.671281	0.647565	0.532732	0.655836	0.63409	0.769847	0.656307	0.634427
0.796165	0.616935	0.595246	0.691634	0.560608	0.813446	0.780458	0.853669	0.734493	0.584683
0.609026	0.643948	0.693561	0.829174	0.66233	0.647872	0.769787	0.62299	0.751753	0.609645
0.732358	0.616935	0.676984	0.776762	0.867872	0.944296	0.60589	0.604169	0.827287	0.785384
0.721055	0.671824	0.66752	0.440977	0.643635	0.914134	0.646256	0.691707	0.720957	0.621035
0.740768	0.673685	0.674123	0.517946	0.574503	0.967462	0.919301	0.766343	0.747373	0.602478
0.674908	0.605626	0.757714	0.599669	0.575992	0.691173	0.81805	0.665109	0.756177	0.55679
0.588365	0.599293	0.670337	0.639778	0.788058	0.66486	0.598722	0.753732	0.750654	0.491561
0.7061	0.716793	0.55587	0.657277	0.649778	0.698994	0.704651	0.744784	0.642398	0.715503
0.68693	0.693727	0.595246	0.477168	0.541597	0.685399	0.739262	0.835561	0.600822	0.652657
0.692593	1.07073	0.63074	0.603596	0.672454	0.798307	0.793867	0.634	0.581066	0.55325
0.656165	0.710657	0.587391	0.678312	0.748592	0.63662	0.630675	0.765182	0.795724	0.600115
0.830008	0.694704	0.594454	0.834512	0.637578	0.745818	0.706672	0.666031	0.719933	0.825709
0.719031	0.727218	0.529878	0.610755	0.708351	0.748021	0.714851	0.623827	0.550244	0.710411
0.661438	0.687905	0.613043	0.643222	0.755301	0.602139	0.634948	0.679155	0.570788	0.596206
0.625803	0.686943	0.755415	0.706376	0.725894	0.708972	0.927643	0.868132	0.669764	0.573458
0.640719	0.578577	0.635932	0.754982	0.592715	0.598211	0.774497	0.750355	0.679904	0.621035

0.673997	0.527061	0.502784	0.685875	0.604498	0.621506	0.912741	0.655089	0.660746	0.773513
0.690697	0.639615	0.591301	0.780303	0.620723	0.6069	0.629826	0.619657	0.617463	0.686763
0.765894	0.896692	0.693561	0.696493	0.698353	0.708972	0.862095	0.615528	0.643255	0.717557
0.820978	0.654527	0.728744	0.732116	0.699342	0.713028	0.755954	0.684903	0.651912	0.73328
0.718022	0.615301	0.579676	0.726844	0.788058	0.797069	0.755954	0.659615	0.808075	0.766543
0.807156	0.645693	0.680828	0.818691	0.583513	0.661228	0.884386	0.614706	0.676189	0.751815
0.869559	0.795637	0.639428	0.702396	0.600534	0.892043	0.853489	0.627191	0.750654	0.929648
0.614547	0.769282	0.946715	0.714448	0.599746	0.856604	0.842273	0.724245	0.681773	0.670759
0.583905	0.740066	0.848355	0.775588	0.673387	0.893584	0.629826	0.666031	0.957655	0.691585
0.68134	0.654527	0.924165	0.837206	0.747484	0.790931	0.68302	0.700615	0.813116	0.819156
0.804689	0.699627	0.704635	0.700419	0.647134	0.822527	0.786502	0.618001	0.777832	0.867249
0.696409	0.693727	0.802586	0.62461	0.630757	0.814732	0.814141	0.751477	0.682711	0.628517
0.538973	0.690806	0.718097	0.649315	0.666903	0.748021	0.613178	0.752603	0.864167	0.611254
0.653552	0.618575	0.685681	0.631286	0.740894	0.681592	0.603487	0.767508	0.743037	0.671685
0.94415	0.671824	0.788755	0.683972	0.680917	0.782481	0.616457	0.625506	0.878662	0.837759
0.787806	0.796874	0.73526	0.641496	0.709363	0.914134	0.752564	0.674422	0.733437	0.732214
0.641563	0.872443	0.746342	0.632971	0.764411	0.741445	0.704651	0.743679	0.697025	0.521967
0.616137	0.714738	0.642952	0.615595	0.789275	0.625652	0.586263	0.572518	0.664331	0.628517
0.662323	0.868044	0.725522	0.683972	0.693439	0.73283	0.586263	0.699616	0.751753	0.833705
0.713015	0.947914	0.733077	0.651071	0.704324	0.615767	0.578655	0.828792	0.793295	0.680102
0.776135	0.814569	0.583516	0.585818	0.665068	0.781287	0.745862	0.889224	0.615046	0.607243
0.598955	0.838435	0.737454	0.789889	0.716518	0.635766	0.785286	0.713813	0.653665	0.680102
0.68693	0.872443	0.721264	0.691634	0.683775	0.606103	0.607499	0.666956	0.696056	0.73865
0.614547	0.685024	0.642068	0.644087	0.84373	0.63662	0.626445	0.703625	0.667039	0.748486
0.796165	0.667205	0.639428	0.71957	0.875235	0.852371	0.834048	0.694656	0.678972	0.710411
0.749343	0.731458	0.671281	0.792319	0.637578	0.766059	0.825975	0.601773	0.719933	0.724824
0.771554	0.810716	0.902728	0.800933	0.622379	0.547343	0.722136	0.613887	0.652788	0.725872
0.68134	0.724064	0.685681	0.668124	0.594267	0.574618	0.948345	0.921252	0.80933	0.663427
0.801016	0.577828	0.60083	0.683972	0.690517	0.60372	0.65606	0.661439	0.636451	0.865799
0.634026	0.562398	0.661016	0.759477	0.656009	0.807074	0.876828	0.590764	0.647562	0.737571
0.862478	0.611244	0.643838	0.830502	0.518783	0.72753	0.718999	0.644416	0.649297	0.633578
0.799798	0.805631	0.638551	0.76402	0.68858	0.746918	0.859207	0.695644	0.735552	0.705377
0.554591	0.602448	0.77535	0.979867	0.673387	0.616583	0.717958	0.687806	0.644113	0.746281
0.596664	0.574104	0.601633	0.770924	0.648014	0.678758	0.608306	0.501898	0.658965	0.854365
0.72207	0.681211	0.761184	0.711403	0.684731	0.684444	0.622255	0.608192	0.641544	0.629357
0.897572	0.912564	0.714953	0.79354	0.622379	0.624819	0.78166	0.759419	0.901355	0.675405
0.592118	0.605626	0.605674	0.783873	0.58809	0.63662	0.829993	0.846615	0.798166	0.77704
0.575118	0.689837	0.723388	0.735309	0.711396	0.802043	0.722136	0.66327	0.957655	0.767697
0.67218	0.705608	0.781392	0.663572	0.86207	0.997781	0.75144	0.744784	0.858502	0.727976
0.702198	0.727218	0.676984	0.632128	0.684731	0.808341	0.714851	0.740379	0.704857	0.59079
0.589113	0.557375	0.747466	0.570198	0.570067	0.792152	0.762815	0.628883	0.575897	0.515455
0.634026	0.647446	0.797505	0.872369	0.730127	0.717122	0.65606	0.558597	0.692201	0.634427
0.76477	0.677432	0.634194	0.706376	0.888813	0.813446	0.509108	0.578515	0.670676	0.828358
0.595143	0.863688	0.668457	0.61967	0.764411	0.725429	0.682062	0.5931	0.62152	0.574938
0.812131	0.778681	0.803866	0.799692	0.760972	0.82384	0.795107	0.722138	0.590832	0.518699
0.70026	0.675554	0.677941	0.78268	0.734402	0.805811	0.873841	0.625506	0.638142	0.467176
0.724109	0.772783	0.552265	0.629607	0.86207	0.618217	0.563098	0.575506	0.70387	0.619389

0.740768	0.789505	0.521772	0.651071	0.670596	0.602139	0.516889	0.580786	0.593117	0.600902
0.636524	0.638753	0.535367	0.512794	0.644507	0.741445	0.662416	0.656894	0.611845	0.53597
0.618533	0.769282	0.681794	0.660863	0.644507	0.776545	0.84505	0.652396	0.5833	0.57866
0.658793	0.574104	0.610573	0.716489	0.640163	0.519718	0.622255	0.595448	0.548173	0.54904
0.727184	0.682161	0.584288	0.789889	0.783225	0.591228	0.648908	0.547914	0.556516	0.512235
0.693544	0.760081	0.652794	0.633816	0.790495	0.759206	0.709721	0.64972	0.624794	0.702384
0.667672	0.697651	0.639428	0.678312	0.932295	1.005703	0.7492	0.607384	0.548173	0.688685
0.70317	0.752188	0.77535	0.833171	0.625711	0.679701	0.709721	0.613887	0.451626	0.54904
0.729246	0.661726	0.937903	0.728945	0.683775	0.74472	0.738171	0.729556	0.701904	0.580909
0.841902	0.707621	0.63074	0.733178	0.782025	0.742534	0.726354	0.601773	0.859911	0.845983
0.843243	0.773956	0.634194	1.05776	0.920597	0.895131	0.701637	0.49189	0.667039	0.723778
0.894537	0.638753	0.622223	0.720602	0.780828	0.613331	0.665168	0.519328	0.655424	0.815271
0.76365	0.719894	0.768209	0.736379	0.526699	0.609301	0.761664	0.62132	0.640691	0.758551
0.631543	0.707621	0.756563	0.709385	0.59349	0.583599	0.641872	0.551446	0.565023	0.61449
0.620943	0.608827	0.607301	0.787473	0.739805	0.775367	0.587032	0.545109	0.69897	0.558928
0.830008	0.821068	0.723388	0.841278	0.917312	0.707963	0.677303	0.628036	0.697025	0.596206
0.759198	0.706613	0.66752	0.687786	0.599746	0.834489	0.998879	0.760565	0.730283	0.864353
0.778444	0.68887	0.819521	0.665387	0.750817	0.663949	0.778064	0.767508	0.794508	0.61449
0.583905	0.616935	0.728744	0.602808	0.792946	0.852371	0.644497	0.562945	0.814385	0.701391
0.661438	0.601657	0.652794	0.648439	0.598174	0.809612	0.615635	0.630582	0.620706	0.678217
0.868133	0.663545	0.61387	0.611558	0.569332	0.74472	0.608306	0.647945	0.730283	0.757421
0.602801	0.634472	0.727668	0.607559	0.739805	0.767211	0.801359	0.741476	0.643255	0.641282
0.583165	0.675554	0.656429	0.612363	0.679968	0.780097	0.642745	0.718997	0.716876	0.503344
0.840564	0.749958	0.90434	0.787473	0.789275	0.73283	0.745862	0.749235	0.813116	0.787797
0.697369	0.754428	0.783832	0.696493	0.569332	0.72753	0.667939	0.660526	0.878662	0.716529
0.628254	0.82238	0.533301	0.489126	0.59194	0.775367	0.668866	0.547914	0.749558	0.648246
0.76365	0.704606	0.674123	0.735309	0.799135	0.577591	0.51363	0.718997	0.7452	0.596206
0.562967	0.673685	0.797505	0.898017	0.856344	0.649629	0.620591	0.739284	0.685536	0.590022
0.662323	0.741154	0.655517	0.631286	0.678078	0.696045	0.577149	0.714845	0.806824	0.82439
0.777288	0.796874	0.485823	0.557952	0.920597	0.673145	0.612362	0.862289	0.906039	0.680102
0.745034	0.725113	0.674123	0.622957	0.79789	0.995822	0.776872	0.827451	0.557922	0.561796
0.544342	0.771613	0.848355	0.890315	0.766719	0.677818	0.84505	0.730627	0.596952	0.624344
0.560157	0.826338	1.13006	0.788679	0.652437	0.598211	0.622255	0.786584	0.691243	0.770014
0.639036	0.896692	0.691577	0.644087	0.885759	0.907707	0.803886	1.079979	0.945452	0.770014
0.875308	0.80437	0.593663	0.644954	0.721702	0.743626	0.746972	0.713813	0.70387	0.744087
0.591365	0.668125	0.640306	0.723712	0.615791	0.598993	0.823317	0.640046	0.67159	0.789009
0.612962	0.865135	0.789994	0.765163	0.641896	0.751346	0.795107	0.727424	0.731332	0.823076
0.735493	0.819761	0.6537	0.652835	0.780828	0.698008	0.778064	0.999331	1.010215	0.977483
0.76365	0.665371	0.435282	0.728945	0.951338	0.699981	0.669796	0.728489	0.744117	0.720657
0.713015	0.687905	0.655517	0.686829	0.725894	0.629837	0.814141	0.724245	0.630583	0.911576
0.612172	0.887439	0.760024	0.841278	0.71755	0.691173	0.73276	0.701616	0.617463	0.691585
0.620943	0.753307	0.794987	0.712416	0.725894	0.620681	0.648022	0.613068	0.566457	0.700401
0.720042	0.600079	0.5617	0.792319	0.802891	0.710995	0.849249	0.805263	0.756177	0.673541
0.787806	0.589195	0.49328	0.735309	0.867872	0.750235	0.860649	0.669741	0.630583	0.640419
0.695452	0.742245	0.601633	0.842644	0.724842	0.71201	0.691739	0.637444	0.756177	0.649125
0.748262	0.951436	0.66472	0.759477	0.649778	0.587397	0.735999	0.679155	0.751753	0.768854
0.7061	0.698638	0.569847	0.829174	0.767877	0.709982	0.916008	0.989497	0.759526	0.688685

0.947554	0.66997	0.684706	0.940431	0.909206	0.705954	0.73276	0.614706	0.539311	0.64475
0.831314	0.876888	0.802586	0.792319	0.695398	0.713028	0.82731	0.604971	0.682711	0.768854
0.966769	0.799358	0.777757	0.78268	0.516827	0.718152	0.776872	0.733853	0.710825	0.73542
0.780766	0.614487	0.618862	0.635511	0.566404	0.635766	0.697651	0.632287	0.781352	0.840483
0.649232	0.713714	0.77535	0.818691	0.666903	0.564369	0.806427	0.560766	0.592354	0.795119
0.597427	0.714738	0.793734	0.791103	0.748592	0.84679	0.81544	0.599391	0.696056	0.883535
0.66321	0.794404	0.757714	0.726844	0.770203	0.949534	0.916008	0.65061	0.682711	0.624344
0.772695	0.819761	0.631601	0.687786	0.59194	0.709982	0.873841	0.680108	0.620706	0.518699
0.598955	0.597724	0.609753	0.848151	0.649778	0.637475	0.811554	0.708689	0.683651	0.600902
0.697369	0.618575	0.53056	0.800933	0.772542	0.645249	0.583967	0.529323	0.787283	0.817857
0.667672	0.665371	0.75199	0.562953	0.736555	0.814732	0.583204	0.572518	0.789678	0.697442
0.792563	0.697651	0.681794	0.612363	0.617429	0.720218	0.766287	0.786584	0.855697	0.563959
0.727184	0.540579	0.888483	0.765163	0.680917	0.962005	0.770959	0.623827	0.750654	0.571247
0.537641	0.583096	0.81424	0.726844	0.538166	0.730702	0.711765	0.647945	0.66164	0.626843
0.750427	0.707621	0.741875	0.582799	0.671524	0.807074	0.582442	0.657799	0.906039	0.780596
0.888529	0.954987	0.75199	0.610755	0.656906	0.829132	0.76397	0.733853	0.727152	0.659807
0.685059	0.764657	0.834386	0.622957	0.604498	0.826478	0.767451	0.849423	0.828599	0.570513
0.546372	0.827666	0.943169	0.709385	0.656009	0.780097	0.842273	0.704633	0.672506	0.682944
0.674908	0.669046	0.694556	0.739605	0.784428	0.756946	0.561645	0.627191	0.780175	0.628517
0.802237	0.744435	0.634194	0.718541	0.810501	0.714048	0.623926	0.566602	0.667039	0.702384
0.794961	0.781063	0.73526	0.666298	0.728006	0.754698	0.680152	0.666031	0.550936	0.596206
0.611383	0.898253	0.665652	0.613976	0.822173	0.770688	0.725296	0.705643	0.647562	0.679158
0.625803	0.794404	0.791237	0.701406	0.758695	0.768367	0.605087	0.674422	0.803093	0.749593
0.70905	0.838435	0.674123	0.888791	0.714462	0.65051	0.733837	0.790256	0.952383	0.790224
0.718022	0.732525	0.649189	0.704381	0.699342	0.692143	0.688813	0.729556	0.75396	0.779408
0.588365	0.701612	0.608934	0.678312	0.771371	0.759206	0.846445	0.822127	0.632252	0.752931
0.649232	0.843921	0.856957	0.626269	0.648014	0.789714	0.641872	0.682979	0.681773	0.603269
0.546372	0.666287	0.694556	0.821288	0.799135	0.631523	0.692719	0.810383	0.651912	0.677278
0.68693	0.716793	0.614698	0.680191	0.679022	0.623989	0.772135	0.782943	0.806824	0.851553
0.60049	0.830333	0.755415	0.62461	0.816947	0.726478	0.953678	0.913021	0.623154	0.69646
0.753695	0.962176	0.769391	0.632971	0.860631	0.774192	0.721088	0.853669	0.612643	0.586963
0.652685	0.645693	0.636803	0.850931	0.751934	0.504327	0.532204	0.797695	0.910775	0.73115
0.7831	0.754428	0.650088	0.838559	0.910815	0.645249	0.637531	0.753732	0.61585	0.713459
0.651819	0.671824	0.555146	0.657277	0.710378	0.780097	0.839514	0.892323	0.672506	0.796352
0.653552	0.717825	0.586613	0.865105	0.80415	0.782481	0.801359	0.79396	0.696056	0.741904
0.64666	0.842543	0.691577	0.732116	0.765563	0.630679	0.690762	0.757135	0.650167	0.839119
0.638197	0.637036	0.649189	0.833171	0.516827	0.617399	0.701637	0.892323	0.670676	0.64475
0.624177	0.559521	0.596834	0.651071	0.660515	0.683491	0.63409	0.646177	0.639839	0.62186
0.699294	0.70863	0.5691	0.834512	0.702324	0.748021	0.767451	0.673482	0.76744	0.709399
0.797373	1.022338	0.73526	0.788679	0.940848	0.896683	0.884386	0.795201	0.719933	0.768854
0.717016	0.60324	0.812929	0.713431	0.689547	0.722295	0.791398	0.760565	0.800623	0.962752
0.851383	0.609631	0.705656	0.637213	0.657806	0.821218	0.765127	0.914655	0.848762	0.817857
0.692593	0.528394	0.643838	0.704381	0.617429	0.773021	0.664249	0.718997	0.920403	0.701391
0.76477	0.662634	0.723388	0.697471	0.628227	0.723337	0.694685	0.712783	0.772028	0.678217
0.781931	0.772783	0.733077	0.588096	0.62155	0.666688	0.872355	0.577008	0.777832	0.706379
0.557365	0.719894	0.867214	0.59423	0.585033	0.706958	0.860649	0.730627	0.779002	0.862912
0.594385	0.650088	0.662864	0.609954	0.615791	0.734967	0.702639	0.846615	0.806824	0.619389

0.737595	0.631923	0.802586	0.748325	0.759832	0.809612	0.678251	0.707671	0.907612	0.661614
0.772695	0.619397	0.800038	0.931946	0.62155	0.799549	0.882864	0.598599	0.906039	0.815271
0.752603	0.787076	0.767031	0.560088	0.587324	0.919018	0.875332	0.573263	0.752855	0.821765
0.605902	0.653636	0.722325	0.791103	0.737635	0.731765	0.786502	0.65419	0.645834	0.693528
0.682267	0.868044	0.763513	0.657277	0.806679	0.762619	0.650685	0.827451	0.633926	0.700401
0.719031	0.805631	1.007791	0.788679	0.792946	0.812164	0.770959	0.738192	0.761772	0.798827
0.85413	0.924031	0.7026	0.823901	0.785635	0.958405	0.693701	0.795201	1.034847	0.792665
0.685993	0.684068	0.549403	0.65817	0.601324	0.819913	0.720042	0.754863	0.752855	0.630198
0.622557	0.868044	0.781392	0.627101	0.584273	0.702957	0.768617	0.904943	0.672506	0.573458
0.813384	1.008006	0.894757	0.819988	0.747484	0.634064	0.687842	0.655991	0.593881	0.589255
0.805921	0.890502	0.668457	0.516007	0.670596	0.856604	0.545276	0.856524	0.823376	0.68965
0.702198	0.784661	0.572847	0.575342	0.756429	1.019925	0.816743	0.670673	0.7629	0.690616
0.627436	0.639615	0.707705	0.723712	0.823489	0.660325	0.538347	0.774564	0.624794	0.48368
0.636524	0.890502	0.678901	0.656385	0.83552	0.60135	0.810267	0.968615	0.861325	0.877542
0.710038	0.821068	0.61387	0.500799	0.731192	0.798307	0.545276	0.610623	0.668853	0.718588
0.917837	0.831673	0.559504	0.607559	0.939124	0.741445	0.612362	0.733853	0.789678	0.757421
0.85413	0.697651	0.574355	0.689706	0.890348	0.792152	0.792631	0.797695	0.798166	0.650887
0.602029	0.724064	0.891609	0.848151	0.850693	0.686356	0.774497	0.874054	0.719933	0.719621
0.638197	0.890502	0.725522	0.62877	0.754176	0.902948	0.950115	0.762867	0.765164	0.867249
0.802237	0.681211	0.552983	0.558663	0.909206	0.855188	0.669796	0.778135	0.664331	0.749593
0.70905	0.654527	0.614698	0.662667	0.709363	0.817315	0.810267	0.828792	0.613442	0.531923
0.648373	0.723018	0.663791	0.652835	0.693439	0.515172	0.71692	0.881573	0.56574	0.659807
0.797373	0.834365	0.614698	0.728945	0.777257	0.585874	0.767451	0.742576	0.685536	0.650887
0.688809	0.825015	0.637676	0.652835	0.780828	0.583599	0.730614	0.810383	0.816935	0.913188
0.998245	0.685024	0.637676	0.656385	0.962089	0.743626	0.788943	0.823452	0.619893	0.687723
0.75479	0.723018	0.627313	0.593458	0.698353	0.60135	0.760516	0.722138	0.657191	0.823076
0.76365	0.751072	0.688619	0.804678	0.772542	0.653165	0.720042	0.584597	0.782531	0.820459
0.759198	0.898253	0.910848	0.756101	0.668746	0.66304	0.697651	0.557158	0.645834	0.716529
0.893027	0.582339	0.5617	0.648439	0.82086	0.677818	0.912741	0.699616	0.695089	0.73328
0.76477	0.563121	0.645614	0.645822	0.778444	0.657626	0.734916	0.579271	0.531952	0.643881
0.890023	0.682161	0.555146	0.654606	0.622379	0.709982	0.800101	0.498118	0.53328	0.699412
0.657915	0.884398	0.862789	0.780303	0.644507	0.640913	0.71692	0.704633	0.618271	0.70839
0.616137	0.544717	0.637676	0.633816	0.633302	0.587397	0.774497	0.565868	0.824676	0.8127
0.665882	0.480416	0.564645	0.722673	0.827463	0.723337	0.937871	0.772199	0.723012	0.747382
0.573671	0.599293	0.668457	0.67458	0.796649	0.920658	0.780458	0.582306	0.581809	0.879032
0.861075	0.778681	0.748592	0.616407	0.538166	0.609301	0.613995	0.577008	0.595414	0.680102
0.785446	0.756681	0.603245	0.62131	0.536801	0.573139	0.706672	0.610623	0.681773	0.645622
0.798584	0.563845	0.656429	0.833171	0.712415	0.623989	0.904677	0.810383	0.607876	0.691585
0.641563	0.592277	0.709763	0.740685	0.642764	0.667605	0.700637	0.603369	0.581809	0.717557
0.850015	0.745534	0.774152	0.721636	0.55917	0.761479	0.742549	0.496865	0.567176	0.760819
0.76365	0.742245	0.660094	0.665387	0.670596	0.595871	0.618933	0.615528	0.544743	0.561796
0.690697	0.561677	0.623067	0.837206	0.711396	0.629837	0.863546	0.855094	0.733437	0.658009
0.714012	0.621874	0.657342	0.821288	0.802891	0.756946	0.721088	0.669741	0.686482	0.817857
0.743964	0.640478	0.73526	0.706376	0.649778	0.862313	0.693701	0.582306	0.732383	0.850154
0.894537	0.789505	0.749722	0.725797	0.52937	0.609301	0.667939	0.591541	0.619081	0.73328
0.610596	0.501855	0.631601	0.686829	0.581998	1.049847	0.725296	0.635718	0.726113	0.612869
0.53367	0.541954	0.699566	0.738527	0.759832	0.71201	0.71692	0.619657	0.736613	0.71244

0.66321	0.638753	0.760024	0.685875	0.738719	0.749126	0.621422	0.600183	0.801856	0.836404
1.0119	0.885916	0.71915	0.607559	0.59739	0.860879	0.740355	0.814262	0.846019	0.642146
0.665882	0.608024	0.637676	0.673652	0.599746	0.734967	0.766287	0.771022	0.912365	0.548342
0.618533	0.638753	0.757714	0.807192	0.80415	0.724382	0.718999	0.551446	0.644973	0.645622
0.750427	0.627707	0.724454	0.792319	0.665985	0.722295	0.627288	0.58613	0.761772	0.73009
0.914657	0.934106	0.83992	0.612363	0.745276	0.935706	0.63409	0.787805	0.926943	0.798827
0.589862	0.589963	0.694556	0.65372	0.641029	0.701963	0.693701	0.916295	0.796944	0.751815
0.501305	0.563845	0.717046	0.866548	0.578234	0.853777	0.795107	0.610623	0.556516	0.671685
0.673088	0.685024	0.776552	0.805933	0.737635	0.693115	0.64362	0.682979	0.75396	0.725872
0.667672	0.738981	0.788755	0.579055	0.695398	0.978585	0.752564	0.693671	0.907612	0.698426
1.101851	0.768121	0.736355	0.613976	0.676195	0.813446	0.884386	0.809097	0.7629	0.801317
0.671275	0.704606	1.011909	0.777939	0.776074	1.09652	0.700637	0.627191	0.714849	0.650887
0.659673	0.638753	0.737454	0.751641	0.658707	0.872489	0.904677	0.929642	0.818216	0.713459
0.791369	0.701612	0.701587	0.565836	0.763262	0.724382	0.664249	0.775751	1.181702	0.996628
0.986874	0.765809	0.919123	0.680191	0.801635	0.752461	0.760516	0.762867	0.726113	0.511593
0.7061	0.727218	0.856957	0.652835	0.644507	0.965635	1.062924	0.991446	0.667039	0.607243
0.596664	0.718858	0.929266	0.981748	0.790495	0.856604	0.790169	0.750355	0.628921	0.580909
0.634026	0.787076	0.851204	0.913844	0.974977	0.692143	0.613178	0.792722	0.90919	0.661614
0.70905	0.887439	0.628168	0.642358	0.944316	0.809612	0.700637	0.666031	0.93863	1.190825
0.697369	0.639615	0.623067	0.533106	0.732259	0.914134	0.847845	0.816868	0.76403	0.803821
0.627436	0.833017	0.987766	0.697471	0.723793	0.808341	0.700637	0.537488	0.801856	0.676341
0.665882	0.709642	0.749722	0.681133	0.731192	0.746918	0.547376	0.774564	1.093551	0.664337
0.609026	0.754428	0.618862	0.643222	0.770203	0.677818	0.687842	0.737104	0.872806	0.941553
0.841902	0.746636	0.692568	0.576823	0.709363	0.802043	0.769787	0.66327	0.646697	0.789009
0.69833	0.658112	0.888483	0.620489	0.735477	0.965635	1.053819	0.908156	0.748464	0.71244
0.732358	0.753307	0.730905	0.983637	0.80415	0.705954	0.708702	0.77338	0.877191	0.715503
0.66857	0.91581	0.604053	0.798455	0.72066	0.596649	0.653364	0.933044	0.889105	0.931329
0.790178	0.814569	0.592874	0.62461	0.807949	0.637475	0.64362	0.835561	0.707831	0.852957
0.59819	0.818457	0.642952	0.598108	0.960278	1.146049	1.004875	1.150002	0.719933	0.727976
0.55667	0.810716	0.724454	0.61722	0.629068	0.798307	0.778064	0.795201	0.693162	0.706379
0.804689	0.755553	0.617192	0.530431	0.642764	0.488247	0.652469	1.099576	0.810588	0.820459
0.843243	0.667205	0.59763	0.732116	0.578985	0.578337	0.846445	0.761715	0.755067	1.071183
0.750427	0.887439	0.75199	0.716489	1.039315	0.94084	0.934435	0.750355	0.576631	0.721695
0.890023	1.178455	0.765855	0.777939	1.08739	1.003709	0.803886	0.886147	0.758407	0.66252
0.888529	0.827666	0.820852	0.979867	0.856344	0.691173	0.717958	1.107159	1.070024	0.894225
0.925889	0.751072	0.764683	0.977995	0.894986	0.794604	0.875332	1.082381	1.150288	1.112604
0.808394	0.949672	0.81424	0.866548	1.357136	1.592369	1.395432	0.795201	0.942028	1.115168
0.862478	1.274888	1.05999	1.046677	1.463842	2.131068	1.229011	1.320057	0.933583	0.990795
1.388119	1.109654	1.514946	1.422932	0.971255	1.189579	1.286617	1.828953	1.48084	1.544234
1.669974	0.869505	1.465201	1.38317	1.343827	1.238098	1.823053	1.350222	1.466576	1.451391
1.679087	0.956806	1.044106	1.515388	0.671913	2.424692	1.29416	2.182482	1.452311	0.725235
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0	0	0	0	0	0	0	0	0	1.681123
0	0	0	0	0	0	3.435836	0	0	1.384278

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0	0	0	2.128404	1.582301	1.67769	1.405439	1.068165	1.058355	1.558272
1.111713	0	0	1.067787	1.567426	1.861567	2.759143	2.099877	1.358326	1.048545
1.298968	1.181432	0.568147	1.102041	2.608819	0.932317	1.962349	1.236953	0.777832	0.98504
1.251151	1.900197	1.5637	1.136295	1.050288	1.328706	1.339796	1.052148	1.222018	1.356512
1.365173	1.986859	0.693561	0.767458	1.385044	2.158599	0.941334	0.786584	1.110813	1.301828
1.080448	0.988319	0.937903	0.976131	1.026503	0.804551	0.766287	0.87855	0.869907	0.538689
0.659673	1.002006	0.87924	1.225578	0.98442	0.999748	1.229011	1.06584	0.715861	0.82439
0.848652	1.313815	0.99967	0.867996	0.99213	0.976711	0.825975	1.003328	0.796944	0.775861
0.899098	0.640478	0.606487	0.62461	0.721702	0.725429	0.808983	0.997346	0.918783	0.9719
1.150827	0.663545	0.854071	0.759477	0.846502	0.759206	0.665168	0.694656	0.483064	0.518699
0.736543	0.841169	0.783832	0.725797	0.758695	0.722295	0.7492	0.831487	0.460539	0.492787
0.692593	0.975051	0.851204	0.698451	0.54575	0.570196	0.56092	0.691707	0.554415	0.520003
0.84594	0.674619	0.560967	0.518594	0.603702	0.503697	0.463402	0.548618	0.604727	0.637841
0.95271	0.601657	0.576628	0.616407	0.735477	0.47157	0.522818	0.48636	0.595414	0.622686
0.620139	0.50818	0.623067	0.685875	0.564221	0.435161	0.541105	0.535432	0.47079	0.550439
0.742896	0.527727	0.526482	0.62461	0.550646	0.690206	0.653364	0.562218	0.517596	0.622686
0.72207	0.687905	0.596834	0.464958	0.55631	0.508124	0.452548	0.4626	0.524063	0.697442
0.631543	0.405906	0.408177	0.568739	0.646257	0.513239	0.469225	0.576256	0.5737	0.600902
0.501917	0.449284	0.424985	0.423953	0.491548	0.598993	0.581682	0.409865	0.519526	0.577167
0.474047	0.567481	0.497057	0.596552	0.375353	0.560049	0.624764	0.437337	0.480699	0.599331
0.541649	0.583096	0.549403	0.515363	0.532057	0.505589	0.436488	0.482107	0.429064	0.450719
0.544342	0.450398	0.386078	0.466681	0.480635	0.484619	0.56092	0.548618	0.550936	0.502716
0.521329	0.479222	0.427671	0.547426	0.472333	0.447698	0.416824	0.375904	0.402171	0.439721
0.489838	0.430769	0.53056	0.437196	0.461888	0.470986	0.367743	0.367	0.43169	0.56036
0.473473	0.452075	0.417025	0.425521	0.480635	0.403064	0.3872	0.455718	0.396306	0.333772
0.416067	0.406914	0.31488	0.4001	0.412612	0.410107	0.402011	0.509559	0.466775	0.379488
0.377156	0.430237	0.391995	0.523815	0.503372	0.437856	0.444167	0.416572	0.432744	0.435937
0.468909	0.352001	0.407147	0.35466	0.48788	0.344341	0.3872	0.406804	0.438056	0.542112
0.512454	0.457144	0.464778	0.381255	0.474099	0.431416	0.448058	0.481502	0.409615	0.414924
0.586873	0.441019	0.447517	0.386488	0.4596	0.47627	0.521493	0.614706	0.422828	0.49095
0.472328	0.503113	0.580441	0.445339	0.425602	0.353593	0.526147	0.4626	0.461103	0.430057
0.402705	0.380485	0.330537	0.313124	0.411079	0.304389	0.390122	0.510849	0.486635	0.520003
0.475197	0.430769	0.305018	0.395678	0.419839	0.398102	0.420477	0.478494	0.435924	0.448497
0.608243	0.510096	0.383637	0.408074	0.300057	0.47274	0.433238	0.428697	0.364942	0.606445
0.514341	0.635325	0.448647	0.494003	0.544361	0.629837	0.618933	0.494992	0.451075	0.471243
0.494028	0.548196	0.470688	0.446987	0.407523	0.580584	0.53766	0.498746	0.483657	0.593876
0.388326	0.422845	0.460108	0.50897	0.349367	0.443296	0.543185	0.692688	0.633088	0.554663
0.4729	0.483415	0.592087	0.585818	0.486664	0.583599	0.534923	0.496865	0.546112	0.663427
0.485099	0.510096	0.510541	0.66721	0.517478	0.565818	0.685907	0.55644	0.557219	0.580909
0.594385	0.493152	0.640306	0.681133	0.750817	0.551537	0.583967	0.589214	0.50682	0.665249
0.579489	0.615301	0.469499	0.444792	0.557738	0.588925	0.785286	0.567337	0.45606	0.56978
0.522611	0.626033	0.632464	0.503924	0.478247	0.653165	0.629826	0.580786	0.512492	0.504603
0.57657	0.560957	0.551548	0.523159	0.468241	0.590459	0.59167	0.568073	0.696056	0.563236
0.616137	0.547498	0.51513	0.591919	0.615791	0.73283	0.699639	0.560766	0.570064	0.53597
0.7831	0.637036	0.536059	0.681133	0.661422	0.628997	0.829993	0.562945	0.668853	0.698426
0.469477	0.429173	0.536751	0.449193	0.4596	0.454386	0.709721	0.64972	0.585546	0.586963

0.712021	0.551	0.674123	0.522504	0.714462	0.570196	0.563826	0.555007	0.697025	0.580158
0.664989	0.619397	0.545851	0.562235	0.53885	0.583599	0.597145	0.527306	0.564308	0.592331
0.587619	0.501228	0.540228	0.668124	0.656009	0.595871	0.613178	0.508915	0.501221	0.55608
0.693544	0.710657	0.5617	0.442608	0.555598	0.581336	0.714851	0.566602	0.520818	0.501462
0.523254	0.559521	0.599227	0.588096	0.511652	0.469239	0.496442	0.568073	0.620706	0.410333
0.506844	0.39941	0.44247	0.495231	0.499603	0.582843	0.554452	0.519988	0.538637	0.54904
0.495232	0.457144	0.501505	0.636361	0.731192	0.745818	0.558033	0.421276	0.563594	0.563236
0.491031	0.558089	0.543031	0.600451	0.586559	0.628158	0.678251	0.530673	0.603943	0.564682
0.546372	0.553822	0.562434	0.446987	0.564221	0.562924	0.539035	0.580028	0.633926	0.563959
0.507464	0.610437	0.513157	0.500177	0.557738	0.634914	0.494574	0.500004	0.539986	0.558928
0.516869	0.478032	0.472476	0.5426	0.509087	0.522995	0.516889	0.429232	0.594647	0.656217
0.581691	0.623533	0.544439	0.418252	0.448339	0.675008	0.762815	0.568811	0.509332	0.489121
0.5539	0.555239	0.594454	0.424998	0.36285	0.520371	0.568959	0.541628	0.607876	0.516101
0.478086	0.557375	0.522442	0.477759	0.355607	0.501188	0.501464	0.409865	0.61585	0.626843
0.461592	0.467462	0.485823	0.479534	0.494011	0.492518	0.512333	0.392307	0.493867	0.441353
0.424695	0.50818	0.451484	0.456441	0.450568	0.599778	0.593227	0.474911	0.423861	0.313411
0.491031	0.423369	0.405096	0.266778	0.38726	0.466343	0.430013	0.466082	0.469065	0.421122
0.427266	0.502483	0.410242	0.336797	0.37301	0.425595	0.399507	0.403765	0.482471	0.438096
0.419599	0.422322	0.335303	0.520545	0.47116	0.478045	0.44196	0.443931	0.477761	0.449606
0.479829	0.393498	0.399	0.478941	0.419839	0.422975	0.401008	0.386446	0.437522	0.450162
0.448942	0.372953	0.304612	0.444245	0.409552	0.430352	0.406047	0.436248	0.507447	0.587726
0.411567	0.367389	0.418078	0.417737	0.41621	0.451029	0.385747	0.434619	0.50557	0.566859
0.417577	0.341892	0.41336	0.437734	0.457892	0.472155	0.470988	0.490655	0.502459	0.315854
0.443554	0.369699	0.377833	0.411609	0.438992	0.494977	0.550193	0.559319	0.484846	0.44739
0.412065	0.35737	0.350373	0.379839	0.386295	0.474502	0.535606	0.424441	0.49326	0.739732
0.38927	0.368774	0.395483	0.369131	0.475872	0.420891	0.444721	0.613887	1.081628	0.24663
0.413062	0.377645	0.388042	0.245856	0.648014	0.789714	0.962715	1.572607	0	0
0.382705	0.487041	0.36226	0.379368	0.794177	1.354699	0.593401	0	0	0
0.494028	0.551	0.429832	0.401584	0.813068	0.397088	0	0	0	0
0.445701	0.35782	0.296568	0.315556	0.99019	0	0	0	0	0
0.343993	0.313717	0.400516	0.970585	0	0	0	0	0	0
0.44624	0.838435	1.843723	0	0	0	0	0	0	0
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[illegible]

1.398082	1.176591	0.798552	0.607626	0.875144	0.772671	0.689655	0.580584	0.827946	1.033101
1.289486	0.899702	0.529781	0.462834	0.555436	0.846714	0.646363	0.638121	0.758669	0.644335
1.104519	0.84563	0.35988	0.290585	0.815686	1.014893	0.73554	0.969542	1.00179	0.754827
1.041535	0.959636	0.776273	0.927068	1.055578	0.687524	0.711992	0.592459	0.806243	0.893748
0.833362	1.195138	1.112524	0.944321	0.837931	0.908099	0.843636	0.659128	1.047722	0.98347
0.941164	0.986135	1.070171	0.663796	0.945879	0.814202	1.005954	0.869233	1.00179	0.59851
0.749279	0.919333	1.554666	0.971557	1.041674	1.028062	0.609459	0.704461	0.788104	0.631114
0.667704	0.777781	0.968991	1.033919	1.082283	0.810135	0.580806	0.645313	1.272287	0.814101
0.729781	1.05129	0.692086	0.825033	1.259076	1.156821	1.232143	0.796701	0.849327	0.90994
0.745968	0.738537	0.572135	0.630083	1.379723	1.11676	1.275667	1.11332	0.826557	0.689572
0.830681	1.150177	0.845446	0.729398	0.953257	0.875538	0.811033	0.878439	0.987498	0.740075
0.89852	0.986135	1.788956	0.990713	0.804977	0.669587	0.737746	1.137975	0.971721	0.881215
1.249143	0.948756	0.909347	0.844171	0.808962	1.000017	0.83803	0.932883	0.949081	0.820767
0.917683	0.939893	0.846863	1.15831	0.867442	1.499076	1.46367	0.845599	0.871816	1.041953
0.967816	0.857078	1.094582	1.185042	1.108074	0.807445	0.814977	0.745846	0.612114	0.658897
0.911201	0.833103	0.876222	0.809275	0.811639	0.780161	0.833872	0.830066	0.87028	0.803643
0.840138	0.754269	0.968991	0.996628	0.978142	0.991739	0.853626	1.044506	0.726674	0.869034
0.804746	0.801361	0.988214	1.031761	1.226473	1.204287	0.871304	0.68022	0.925817	0.98347
0.953399	0.888647	0.986253	0.84557	0.620349	0.720266	0.769859	0.620644	0.882723	0.913252
1.097052	0.994013	0.845446	0.669367	0.680514	0.804772	0.689655	0.628422	0.882723	0.845651
0.699112	0.888647	0.835653	0.720898	0.784319	0.714815	0.762775	0.816411	0.840648	0.685617
0.619931	0.931208	1.042582	0.689448	0.727659	0.731377	0.576209	0.956357	0.997658	0.602556
0.694205	0.830367	0.998154	0.846975	0.758617	0.870858	0.573928	0.632803	0.81968	0.701658
0.982729	0.826296	0.769094	0.590928	0.814333	0.771435	0.606998	0.612163	1.066583	0.789662
1.068407	0.815622	0.635333	0.652865	0.804977	0.741626	0.910621	0.677283	0.726674	0.783453
0.743774	0.798818	0.682259	0.796567	0.830856	0.646768	0.889733	0.925909	0.729991	0.644335
0.84841	0.88554	0.803662	0.839998	0.718895	0.708363	0.781929	0.782796	0.660395	0.623369
0.881667	0.748585	0.68032	0.612517	0.682504	0.738183	0.724678	0.908947	0.829339	0.953277
0.687426	0.663704	0.695078	0.724066	0.690558	0.596118	0.615257	0.854312	0.632912	0.627655
0.69323	0.697497	0.873195	0.694369	0.553209	0.787784	0.850748	0.491886	0.545559	0.720442
0.776717	0.767043	0.796019	0.64396	0.650779	0.709432	0.722538	0.69725	0.850791	0.776118
0.694205	0.566704	0.685183	0.726191	0.607573	0.768973	0.738853	0.752756	0.775596	0.803643
0.54599	0.529692	0.657703	0.751406	0.640698	0.660888	0.793086	0.613004	0.61466	0.653379
0.636701	0.674044	0.622444	0.587819	0.752715	0.737041	0.514502	0.529785	0.564856	0.793431
0.591286	0.72229	0.828791	0.512626	0.715654	0.62597	0.578501	0.554075	0.697905	0.820767
0.729781	0.723355	0.664179	0.566657	0.579934	0.803441	0.809726	0.809741	0.631141	0.511908
0.587453	0.534494	0.67551	0.558618	0.581512	0.790354	0.666531	0.775395	0.630257	0.5961
0.682649	0.603109	0.687144	0.570361	0.677546	0.55225	0.546034	0.658193	0.790649	0.732334
0.73942	0.72229	0.510385	0.740263	0.741147	0.541942	0.709913	0.748137	0.753951	0.582694
0.595153	0.695494	0.569879	0.490407	0.54224	0.576772	0.644575	0.684167	0.554359	0.693563
0.638414	0.685612	0.566144	0.649281	0.669728	0.616365	0.734442	0.699298	0.616365	0.619126
0.537064	0.687571	0.715569	0.673121	0.659204	0.509025	0.63313	0.66668	0.600426	0.742312
0.520397	0.628051	0.683231	0.667502	0.591103	0.60444	0.894465	0.631045	0.555843	0.743435
0.56951	0.544968	0.661392	0.56445	0.481051	0.519953	0.585452	0.591657	0.561831	0.60582
0.537064	0.438346	0.72191	0.563717	0.633512	0.63942	0.530668	0.582148	0.705182	0.523271
0.56951	0.484994	0.547226	0.615808	0.586281	0.499683	0.531354	0.570548	0.651966	0.532858
0.59671	0.513618	0.555855	0.468681	0.55395	0.726898	0.501475	0.514763	0.61466	0.608284

0.582897	0.633215	0.577446	0.515895	0.587081	0.691612	0.549604	0.434697	0.573286	0.525308
0.510056	0.540748	0.545804	0.518528	0.517675	0.458163	0.551759	0.71818	0.524309	0.559263
0.509418	0.504509	0.608284	0.527198	0.567513	0.436513	0.419293	0.473802	0.510698	0.515219
0.521707	0.443351	0.480072	0.423439	0.510904	0.358845	0.395528	0.585295	0.433559	0.493816
0.550874	0.458141	0.45923	0.454778	0.552469	0.568186	0.473521	0.490614	0.475331	0.338517
0.494376	0.493071	0.474014	0.496013	0.524553	0.613782	0.547458	0.377758	0.3387	0.496992
0.56659	0.514276	0.498768	0.54789	0.389243	0.509025	0.451239	0.527015	0.519497	0.549083
0.515195	0.52765	0.428917	0.461095	0.375256	0.483485	0.573928	0.591657	0.612114	0.609934
0.445488	0.460462	0.409304	0.439101	0.468075	0.504996	0.698655	0.571311	0.576392	0.604185
0.428222	0.477065	0.475219	0.493513	0.49637	0.476545	0.433324	0.377758	0.623256	0.592114
0.526987	0.496218	0.4246	0.488555	0.500942	0.499683	0.454107	0.589261	0.640976	0.614924
0.592828	0.411027	0.462147	0.432551	0.477926	0.525522	0.573171	0.598928	0.631141	0.606639
0.50058	0.569687	0.534595	0.43039	0.569046	0.590386	0.739962	0.593263	0.547013	0.525308
0.469826	0.528329	0.540164	0.534671	0.502917	0.550763	0.472319	0.551876	0.422483	0.434185
0.595153	0.498752	0.58051	0.617463	0.514954	0.611214	0.576209	0.700326	0.485958	0.488157
0.538425	0.552093	0.443809	0.538802	0.569815	0.583926	0.673149	0.486193	0.487861	0.594502
0.727668	0.623793	0.576683	0.598799	0.516993	0.69574	0.641907	0.558506	0.604564	0.557794
0.624894	0.595104	0.62414	0.557172	0.502917	0.559008	0.530668	0.561485	0.469199	0.735634
0.505608	0.576472	0.54368	0.512626	0.579148	0.641246	0.608637	0.596491	0.651966	0.648834
0.603784	0.63235	0.621598	0.66472	0.70188	0.671543	0.710951	0.772955	0.720114	0.463863
0.575409	0.674044	0.602585	0.69536	0.675578	0.664733	0.548172	0.719253	0.784313	0.563701
0.554396	0.489947	0.492446	0.513931	0.556182	0.526223	0.570154	0.781554	0.800982	0.721509
0.619109	0.588023	0.514988	0.541578	0.596796	0.643998	0.715129	0.756253	0.842082	0.653379
0.829347	0.731965	0.635333	0.590928	0.578362	0.651424	0.821631	0.670506	0.57097	0.677814
0.769693	0.729797	0.693081	0.617463	0.586281	0.576772	0.684735	0.700326	0.571741	0.559263
0.539791	0.472854	0.628411	0.755944	0.703971	0.587952	0.673149	0.777848	0.741236	0.56
0.511335	0.558607	0.651322	0.683615	0.727659	0.676474	0.731163	0.620644	0.607903	0.586594
0.642727	0.697497	0.811442	0.628379	0.67362	0.822452	0.738853	0.607153	0.648272	0.581143
0.978953	0.976484	0.667923	0.55215	0.630847	0.654242	0.676977	0.64622	0.778069	0.70268
0.499956	0.540748	0.742622	0.641324	0.528733	0.606123	0.989855	0.702389	0.705182	0.527354
0.527652	0.452393	0.588266	0.575601	0.487368	0.610361	0.793086	0.629295	0.639171	0.603369
0.948113	0.672145	0.556582	0.745799	0.70188	0.818307	0.59649	0.624948	0.720114	0.58425
0.701091	0.742974	0.639716	0.458212	0.514277	0.586337	0.650865	0.618935	0.612114	0.550522
0.664958	0.945189	0.681288	0.536732	0.622081	0.616365	0.59809	0.675336	0.467376	0.537732
0.639273	0.69951	0.859829	0.64396	0.678533	0.616365	0.465769	0.588465	0.593075	0.517887
0.695182	0.609621	0.779908	0.761685	0.606734	0.48285	0.491329	0.771741	0.695848	0.538433
0.619931	0.637567	0.551519	0.765167	0.621214	0.51241	0.563442	0.682189	0.740098	0.717254
0.903232	0.729797	0.694078	0.849797	0.927963	0.960123	0.877361	0.725751	0.589848	0.768904
0.595153	0.879391	0.719786	0.619125	0.727659	0.703059	0.71618	0.769322	0.655692	0.726888
0.628235	0.613742	0.716619	0.637834	0.460831	0.565873	0.693632	0.73792	0.616365	0.760637
0.599055	0.577995	0.563919	0.630937	0.685507	0.612924	0.72899	0.80187	0.800982	0.788413
0.494992	0.469278	0.625844	0.780583	0.859874	0.789067	0.553926	0.74017	0.775596	0.566684
0.669544	0.451822	0.403129	0.54789	0.573679	0.69264	0.637497	0.594068	0.708339	0.638998
0.88772	0.670255	0.538067	0.458787	0.601737	0.829448	0.641022	0.519487	0.745817	0.798507
0.677923	0.562269	0.666047	0.718799	0.770666	0.675484	0.589362	0.618935	0.608742	0.538433
0.634995	0.805204	0.744861	0.736975	0.931487	0.651424	0.710951	0.825924	0.821046	0.695573
0.640134	0.758871	0.668864	0.560796	0.780553	0.62333	0.52725	0.796701	0.733334	0.624223

0.779084	0.622101	0.545804	0.663796	0.781805	0.5912	0.553203	0.748137	0.833545	0.604185
0.624063	0.672145	0.674554	0.668434	0.672643	0.628627	0.628808	0.65726	0.715795	0.537033
0.88772	0.730879	0.770282	0.521842	0.477926	0.592016	0.641907	0.557024	0.726674	0.600933
0.703078	0.649089	0.578975	0.64839	0.518358	0.577561	0.778273	0.76096	0.932843	0.799785
0.669544	0.500663	0.651322	0.761685	0.595162	0.697818	0.775852	0.593263	0.558079	0.727971
0.611782	0.554976	0.676467	0.579382	0.627319	0.710503	0.614424	0.533974	0.712584	0.884314
0.670467	0.774172	0.682259	0.520514	0.638891	0.676474	0.497643	0.565238	0.635584	0.822113
0.627397	0.599088	0.573646	0.538111	0.476682	0.782687	0.673149	0.751597	0.669956	0.632853
0.467504	0.668373	0.747112	0.510029	0.576014	0.815566	0.970536	0.845599	0.688724	0.554143
0.703078	0.652697	0.6717	0.728327	0.758617	0.562809	0.567905	0.687152	0.795785	0.53494
0.851203	0.613742	0.505831	0.7734	0.808962	0.477171	0.541789	0.65726	0.812909	0.790915
0.568778	0.713868	0.567634	0.58937	0.749212	0.584728	0.602926	0.741299	0.581094	0.749094
0.645335	0.948756	0.74374	0.576354	0.882985	0.76288	0.752361	0.649869	0.497502	0.636354
0.616653	0.567448	0.609926	0.721952	0.62382	0.570511	0.613593	0.695212	0.564856	0.5953
0.880167	0.59037	0.619911	0.656478	0.455476	0.600259	0.767485	0.844164	0.69278	0.587378
0.682649	0.638443	0.70214	0.663796	0.579148	0.635793	0.646363	0.650786	0.832139	0.704733
0.727668	0.61457	0.818033	0.742469	0.815686	0.936029	0.671248	0.552608	0.683706	0.70268
0.704076	0.628051	0.600971	0.538802	0.619485	0.669587	0.622827	0.497654	0.593075	0.553417
0.590516	0.575713	0.664179	0.471634	0.559174	0.554491	0.645468	0.640804	0.650115	0.638115
0.555813	0.513618	0.578975	0.75938	1.0651	0.565105	0.483871	0.699298	0.570201	0.579598
0.582897	0.530374	0.865719	0.729398	0.592722	0.511053	0.510553	0.624948	0.561078	0.465639
0.804746	0.636693	0.544387	0.523175	0.511577	0.626854	0.581577	0.671467	0.697905	0.64793
0.666786	0.742974	0.458649	0.471634	0.682504	0.880269	0.63662	0.821821	0.713652	0.755983
0.606168	0.655423	0.587484	0.480617	0.712436	0.685494	0.726829	0.866208	0.569434	0.6346
0.651483	0.86145	0.575922	0.662875	0.66015	0.63942	0.661864	0.693183	0.678745	0.689572
0.661324	0.694496	0.642367	0.560796	0.689543	0.599427	0.62198	0.817757	0.680722	0.718314
0.84702	0.59749	0.637957	0.595633	0.823895	0.530454	0.590936	0.659128	0.797078	0.70268
0.6506	0.751986	0.651322	0.687495	0.591912	0.582326	0.615257	0.504155	0.530575	0.551967
0.779084	0.631487	0.520309	0.690427	0.468075	0.478427	0.584674	0.502194	0.706232	0.644335
0.588982	0.654512	0.442129	0.535357	0.604228	0.6313	0.674103	0.674365	0.76826	0.780994
0.718283	0.488704	0.522995	0.592491	0.545138	0.606968	0.644575	0.691163	0.4803	0.546217
0.712137	0.572689	0.645927	0.606816	0.641605	0.53832	0.569403	0.467136	0.547742	0.613254
0.720351	0.705606	0.776273	0.499791	0.703971	0.665699	0.586231	0.502847	0.644608	0.622517
0.701091	0.607168	0.652228	0.681688	0.556182	0.579144	0.587794	0.691163	0.735577	0.583471
0.535707	0.5557	0.783573	0.624148	0.668761	0.839436	0.732253	0.79414	0.7212	0.579598
0.592828	0.621258	0.666984	0.727258	0.517675	0.612924	0.478969	0.618935	0.938188	0.493816
0.610976	0.695494	0.619911	0.568876	0.723255	0.561285	0.456993	0.698273	0.806243	0.697592
0.646208	0.671199	0.646821	0.471634	0.625566	0.658979	0.725752	0.766916	0.618937	0.839996
0.510056	0.612914	0.737075	0.595633	0.899106	0.711577	0.539682	0.526325	0.426327	0.537732
0.558661	0.650889	0.643254	0.607626	0.708183	0.585532	0.623677	0.648041	0.491051	0.482571
0.628235	0.648192	0.538067	0.624148	0.528733	0.513772	0.673149	0.769322	0.689734	0.68759
0.61747	0.573443	0.530465	0.613337	0.696697	0.804772	0.80325	0.569024	0.758669	0.807535
0.707081	0.631487	0.579742	0.68265	0.738869	0.600259	0.591725	0.599744	0.622389	0.672052
0.793562	0.847045	0.749374	0.67977	0.582304	0.708363	0.840824	0.730136	0.514737	0.807535
0.595931	0.562269	0.807534	0.738068	0.557675	0.583926	0.684735	0.668588	0.646436	0.705762
0.579137	0.512305	0.57821	0.627529	0.663956	0.728014	0.686696	0.566748	0.771912	0.735634
0.644464	0.543557	0.596163	0.67501	0.648928	0.711577	0.631396	0.540334	0.549204	0.698605

0.766223	0.52901	0.556582	0.627529	0.597616	0.69264	0.580036	0.521527	0.589848	0.816755
0.53166	0.720169	0.771474	0.50552	0.565985	0.670564	0.820292	0.692172	0.599603	0.661682
0.524339	0.5557	0.667923	0.661037	0.681508	0.541215	0.713035	0.817757	0.581094	0.56519
0.598272	0.688553	0.773867	0.661955	0.617763	0.544863	0.602926	0.670506	0.592266	0.564445
0.629074	0.594311	0.642367	0.502964	0.646168	0.729132	0.628808	0.800572	0.847868	0.681698
0.56659	0.757716	0.519641	0.50424	0.732109	0.811487	0.680839	0.751597	0.654757	0.626794
0.496847	0.698503	0.652228	0.699346	0.689543	0.550021	0.689655	0.648041	0.449556	0.561476
0.558661	0.74409	0.575922	0.585502	0.607573	0.501668	0.564924	0.635454	0.630257	0.65705
0.595931	0.642847	0.491819	0.527872	0.622081	0.607814	0.779488	0.842733	0.696875	0.695573
0.822737	0.526294	0.496862	0.621629	0.637989	0.566643	0.631396	0.752756	0.656628	0.58974
0.719316	0.568939	0.658622	0.656478	0.61434	0.635793	0.839425	0.575923	0.525694	0.639883
0.825369	0.868835	0.831523	0.746914	0.591103	0.587144	0.732253	0.681203	0.654757	0.614088
0.629074	0.748585	0.651322	0.635235	0.629079	0.704114	0.886606	0.661945	0.679732	0.774907
0.719316	0.518245	0.481906	0.583197	0.521789	0.628627	0.886606	0.713913	0.589044	0.913252
0.647083	0.577995	0.574403	0.621629	0.61434	0.710503	0.653589	0.565238	0.602077	0.801067
0.53099	0.616233	0.766727	0.591709	0.665872	0.665699	0.529297	0.541047	0.57406	0.670148
0.634144	0.538653	0.616557	0.527872	0.61434	0.626854	0.535498	0.579803	0.602904	0.625078
0.557235	0.560801	0.706228	0.745799	0.74229	0.916636	0.824321	0.704461	0.69278	0.608284
0.638414	0.74409	0.733781	0.684582	0.7646	0.691612	0.630532	0.635454	0.695848	0.654294
0.757104	0.919333	0.661392	0.523175	0.591103	0.587952	0.693632	0.645313	0.924078	0.666365
0.634144	0.842815	0.715569	0.514585	0.569046	0.622453	0.627948	0.74017	0.653825	0.676848
0.615838	0.696495	0.676467	0.685551	0.77189	0.748596	0.589362	0.624948	0.602904	0.518556
0.565864	0.568193	0.572135	0.792826	0.679523	0.520645	0.583898	0.708637	0.593886	0.566684
0.852606	0.812994	0.652228	0.690427	0.758617	0.593652	0.634	0.828681	0.770692	0.716197
0.765073	0.712826	0.534595	0.501057	0.746892	0.662806	0.76867	0.638121	0.687715	0.857185
0.633295	0.730879	0.804949	0.556451	0.645251	0.825237	0.671248	0.615536	0.518813	0.551967
0.559376	0.480098	0.593778	0.656478	0.516313	0.564338	0.79687	0.83565	0.561078	0.514555
0.561528	0.531743	0.647718	0.674065	0.537215	0.579144	0.775852	0.887843	0.856695	0.681698
0.621579	0.622946	0.588266	0.68847	0.553209	0.582326	0.721472	0.723574	0.738963	1.057893
0.609368	0.59749	0.583595	0.746914	0.641605	0.562046	0.626235	0.537496	0.557332	0.69962
0.694205	0.816942	0.663248	0.584732	0.587081	0.539765	0.548887	0.51009	0.502075	0.84423
0.497467	0.578758	0.606648	0.510029	0.659204	0.71917	0.763948	0.723574	0.584256	0.606639
0.641861	0.543557	0.600971	0.61088	0.686512	0.782687	0.564182	0.726843	0.728882	0.660752
0.676984	0.567448	0.775068	0.565185	0.522478	0.657078	0.715129	0.811067	0.567903	0.619126
0.608566	0.622946	0.756232	0.554295	0.62382	0.832278	0.676977	0.583719	0.769474	0.789662
0.582897	0.819594	0.661392	0.587819	0.645251	0.766526	0.553203	0.46834	0.744667	0.827537
0.480433	0.66185	0.683231	0.584732	0.647086	0.504996	0.543199	0.603844	0.603733	0.478276
0.599055	0.685612	0.745985	0.577109	0.548056	0.517195	0.602926	0.595682	0.512713	0.533551
0.713155	0.67979	0.55877	0.548597	0.804977	0.621578	0.554651	0.58767	0.632026	0.639883
0.610171	0.74409	0.527734	0.58937	0.784319	0.684482	0.692634	0.709687	0.681714	0.636354
0.520397	0.718059	0.524343	0.630937	0.644337	0.503662	0.608637	0.708637	0.615512	0.500191
0.567319	0.710751	0.606648	0.42238	0.532953	0.586337	0.660011	0.68022	0.704135	0.755983
0.79479	0.649988	0.517641	0.729398	0.6998	0.683473	0.569403	0.686155	0.686709	0.93542
0.7001	0.644621	0.583595	0.696353	0.723255	0.830861	0.70068	0.653549	0.765842	0.60582
0.615838	0.66185	0.670752	0.739164	0.510904	0.619833	0.717233	0.536789	0.53979	0.71409
0.629074	0.723355	0.714521	0.577866	0.440368	0.480317	0.584674	0.61469	0.663241	0.720442
0.618289	0.510343	0.518306	0.743576	0.581512	0.647695	0.753506	0.735682	0.830737	0.911593

0.661324	0.541448	0.592196	0.754805	0.756246	0.613782	0.672197	0.589261	0.560326	0.675884
0.606168	0.629765	0.733781	0.562254	0.500286	0.636697	0.589362	0.46834	0.435808	0.581918
0.697143	0.627196	0.618231	0.574848	0.582304	0.677467	0.694632	0.575923	0.623256	0.695573
0.619109	0.585688	0.62414	0.636966	0.593534	0.814202	0.811033	0.727938	0.710456	0.599316
0.590516	0.572689	0.643254	0.666573	0.650779	0.658979	0.713035	0.557024	0.53979	0.569689
0.567319	0.571937	0.62414	0.476402	0.676561	0.643078	0.573928	0.514763	0.756303	0.655211
0.684553	0.88554	0.686163	0.46986	0.571357	0.529746	0.660937	0.65633	0.804922	0.752525
0.598272	0.631487	0.579742	0.499159	0.603396	0.667638	0.580036	0.648954	0.878015	0.725807
0.537064	0.599889	0.685183	0.520514	0.552469	0.787784	0.831122	0.627551	0.666106	0.635476
0.645335	0.649089	0.612401	0.502964	0.578362	0.45577	0.63313	0.543908	0.577172	0.787168
0.713155	0.688553	0.585147	0.687495	0.725452	0.62774	0.617766	0.714976	0.663241	0.630246
0.551576	0.59037	0.583595	0.554295	0.74805	0.632195	0.784384	0.832849	0.544834	0.645231
0.664958	0.879391	0.731598	0.725127	0.905725	0.747427	0.654501	0.690157	0.611268	0.663549
0.675112	0.67979	0.635333	0.691409	0.682504	0.633092	0.493213	0.683177	0.621523	0.58037
0.777899	0.739642	0.57063	0.669367	0.601737	0.571289	0.703736	0.854312	0.839218	0.752525
0.595931	0.638443	0.630994	0.624148	0.630847	0.822452	0.805829	0.562982	0.715795	0.879673
0.593602	0.552093	0.57289	0.623307	0.706072	0.586337	0.562702	0.621502	0.746969	0.731239
0.684553	0.801361	0.704179	0.721952	0.564462	0.571289	0.674103	0.714976	0.612114	0.692562
0.655928	0.658165	0.820697	0.735884	0.547325	0.572068	0.639256	0.719253	0.749284	0.704733
0.646208	0.711787	0.597759	0.810567	0.745737	0.672525	0.675059	0.451193	0.616365	0.860117
0.715199	0.612089	0.550083	0.765167	0.889362	0.759265	0.717233	0.546789	0.588243	0.804936
0.6134	0.622946	0.550083	0.618293	0.555436	0.586337	0.939546	0.620644	0.636478	0.770098
0.582142	0.674996	0.781126	0.655572	0.569046	0.602762	0.828389	0.552608	0.638271	0.678781
0.726615	0.637567	0.682259	0.623307	0.677546	0.647695	0.576209	0.691163	0.932843	0.670148
0.66042	0.648192	0.618231	0.724066	0.815686	0.870858	0.616092	0.607984	0.57406	0.59851
0.889246	0.634951	0.823379	0.71671	0.744585	0.790354	0.649059	0.514092	0.826557	0.718314
0.666786	0.729797	0.760865	0.573348	0.663002	0.764092	0.812343	0.74017	0.713652	0.660752
0.641861	0.577995	0.617393	0.634372	0.58389	0.640332	0.60455	0.87228	0.827946	0.542661
0.7515	0.664633	0.798552	0.619958	0.703971	0.782687	0.583122	0.649869	0.677759	0.614924
0.680752	0.635821	0.757386	0.634372	0.550993	0.906412	0.692634	0.716041	0.855211	0.635476
0.59671	0.793775	0.511696	0.644843	0.80234	0.835127	0.683758	0.719253	0.991534	0.757142
0.599055	0.68659	0.663248	0.704382	0.610098	0.606123	0.659088	1.039984	0.534096	0.541954
0.535707	0.76119	0.797284	0.565185	0.63709	0.63399	0.579268	0.620644	0.628496	0.581143
0.538425	0.685612	0.747112	0.567396	0.591103	0.662806	0.602926	0.625814	0.81968	0.68759
0.724517	0.763521	0.591407	0.578623	0.653569	0.906412	0.616092	0.606323	0.748125	0.571956
0.782658	0.723355	0.571382	0.651966	0.595162	0.598598	0.842228	0.815069	0.534804	0.59053
0.473333	0.730879	0.62927	0.636966	0.708183	0.661846	0.765123	0.883116	0.786836	0.673964
0.593602	0.658165	0.59856	0.598005	0.716732	0.629516	0.577735	0.786544	0.731103	0.740075
0.83606	0.646403	0.588266	0.628379	0.942236	0.753305	0.603738	0.76096	0.746969	0.585811
0.653256	0.63235	0.576683	0.575601	0.651707	0.645842	0.778273	0.650786	0.52224	0.608284
0.717252	0.690525	0.628411	0.623307	0.596796	0.620705	0.68768	0.642602	0.756303	0.696581
0.648838	0.85275	0.740395	0.659208	0.634403	0.616365	0.723607	0.690157	0.727777	0.784688
0.932632	0.678827	0.635333	0.620793	0.715654	0.646768	0.855072	0.71818	0.666106	0.72258
0.653256	0.604728	0.645034	0.627529	0.590295	0.660888	0.675059	0.535379	0.607903	0.735634
0.731905	0.733054	0.819363	0.792826	0.581512	0.662806	0.695634	0.653549	0.599603	0.777332
0.714176	0.628051	0.722976	0.687495	0.610943	0.619833	0.758116	0.726843	0.671894	0.706795
0.588982	0.484994	0.744861	0.879077	0.677546	0.914915	0.811033	0.832849	0.783057	0.766526

0.652369	0.496218	0.669807	0.810567	0.709242	0.883452	0.706814	0.661004	0.625868	0.654294
0.729781	0.705606	0.728345	0.732629	0.894206	0.706234	0.508592	0.555547	0.720114	0.878137
0.736183	0.662776	0.609105	0.6052	0.591912	0.706234	0.650865	0.789061	0.795785	0.760637
0.576896	0.541448	0.690102	0.585502	0.612638	0.780161	0.790582	0.66668	0.702048	0.614924
0.680752	0.647297	0.740395	0.696353	0.63709	0.720266	0.688667	0.565993	0.749284	0.870538
0.825369	0.929491	0.712433	0.70337	0.862886	0.814202	0.680839	0.670506	0.780556	0.882762
0.922609	0.777781	0.773867	0.590148	0.685507	0.700955	0.857978	0.650786	0.616365	0.477666
0.577642	0.665565	1.022982	0.797821	0.643425	0.934229	0.84789	1.08999	1.010172	0.521919
0.565864	0.631487	0.844033	0.776976	0.580723	0.705173	0.771051	0.796701	0.865704	0.498269
0.66042	0.725491	0.579742	0.55215	0.77189	0.657078	0.621134	0.719253	0.87028	0.621667
0.896961	0.810382	0.615723	0.580142	0.70188	0.708363	0.771051	0.817757	0.737832	0.757142
0.529651	0.709717	0.706228	0.580142	0.818405	0.913201	0.799411	0.777848	0.575613	0.71304
0.622405	0.776574	0.793501	0.657386	0.695668	0.71917	0.598893	0.861708	0.707284	0.602556
0.634995	0.818266	0.642367	0.71153	0.691575	0.526223	0.600502	0.915653	0.898795	0.663549
0.728723	0.68659	0.602585	0.708452	0.652637	0.676474	0.727908	0.652626	0.651966	0.970002
0.674179	0.724422	0.684206	0.614159	0.784319	0.806106	0.793086	0.784042	0.684704	0.958781
0.721389	0.731965	0.665112	0.654667	0.804977	0.711577	0.652679	0.730136	0.657567	0.70268
0.66042	0.673094	0.58205	0.883645	0.75743	0.566643	0.506639	0.68516	0.705182	0.718314
0.69323	0.610442	0.705202	0.822367	0.718895	0.663768	0.622827	0.756253	0.76826	0.7737
0.688388	0.645511	0.511696	0.604395	0.59926	0.725786	1.018432	0.629295	0.727777	0.86159
0.869808	0.795031	0.773867	0.640449	0.733228	0.705173	0.835253	0.707589	0.7212	0.69962
0.590516	0.613742	0.828791	0.891365	0.735476	0.562809	0.808423	0.725751	0.759856	0.847076
0.655036	0.486845	0.812752	0.883645	0.629962	0.725786	0.665593	0.790325	0.76705	0.903391
0.681699	0.584913	0.674554	0.676908	0.826666	0.852625	0.702715	0.701356	0.962144	0.788413
0.814935	0.735239	0.703158	0.779377	0.662049	0.786504	0.76867	0.603021	0.668027	0.799785
0.80981	0.929491	0.815384	0.817083	0.697729	0.690587	0.877361	0.550416	0.652894	0.98152
0.770856	0.658165	0.886985	0.710502	0.653569	0.893144	0.922299	0.692172	0.770692	0.985428
0.738339	0.736335	0.782348	0.612517	0.692594	0.822452	0.606998	0.661945	0.90706	0.744561
0.749279	0.625491	0.906081	0.749154	0.794525	0.738183	0.583898	0.677283	0.843522	0.704733
0.598272	0.59749	0.656786	0.700349	0.594347	0.594472	0.602117	0.610487	0.803605	0.729058
0.589748	0.674996	0.694078	0.511326	0.537929	0.877109	0.827029	0.581365	0.636478	0.911593
0.602202	0.615401	0.727265	0.644843	0.667796	0.557497	0.859439	0.772955	0.868749	0.630246
0.710108	0.591156	0.767909	0.780583	0.776819	0.783956	0.547458	0.753919	0.804922	0.570443
0.760501	0.682691	0.728345	0.772214	0.636193	0.565873	0.510553	0.461756	0.606231	0.677814
0.510056	0.652697	0.766727	0.620793	0.650779	0.766526	0.737746	0.557024	0.706232	0.571956
0.54599	0.729797	0.835653	0.62923	0.634403	0.815566	0.811033	0.635454	0.728882	0.71304
0.677923	0.602302	0.752789	0.566657	0.63709	0.772671	0.773445	0.819108	0.618937	0.477666
0.798497	0.806493	0.87927	0.90241	0.657317	0.529746	0.556104	0.612163	0.619797	0.57576
0.678864	0.755415	0.633592	0.552864	0.587882	0.564338	0.515164	0.781554	0.684704	0.762983
0.594377	0.63932	0.579742	0.58937	0.593534	0.611214	0.568653	0.777848	0.804922	0.716197
0.702083	0.645511	0.54227	0.641324	0.638891	0.579937	0.72899	0.779079	0.560326	0.671099
0.527652	0.621258	0.608284	0.660122	0.560679	0.628627	0.751219	0.650786	0.597962	0.577291
0.604577	0.581824	0.569129	0.452503	0.411641	0.571289	0.609459	0.676308	0.635584	0.798507
0.551576	0.584138	0.524343	0.527872	0.654503	0.711577	0.592516	0.848484	0.859677	0.783453
0.61747	0.496218	0.560969	0.521842	0.620349	0.584728	0.739962	0.648954	0.654757	0.767714
0.537064	0.630625	0.685183	0.680728	0.550993	0.434804	0.619446	0.534676	0.636478	0.729058
0.564414	0.613742	0.577446	0.555013	0.577578	0.51241	0.751219	0.80187	0.621523	0.783453

0.694205	0.611265	0.509079	0.651069	0.635297	0.554491	0.684735	0.775395	0.822417	0.711993
0.672319	0.602302	0.582822	0.523843	0.70502	0.877109	0.590936	0.58767	0.565616	0.625936
0.679807	0.633215	0.593778	0.575601	0.532247	0.752123	0.721472	0.593263	0.627619	0.676848
0.686467	0.631487	0.572135	0.557172	0.498977	0.554491	0.689655	0.686155	0.740098	0.864552
0.491306	0.543557	0.498132	0.531258	0.510904	0.539042	0.703736	0.851388	0.861176	0.824816
0.606168	0.456986	0.519641	0.562254	0.770666	0.629516	0.685715	0.595682	0.580306	0.675884
0.571713	0.525617	0.615723	0.56445	0.68853	0.826636	0.785616	0.546067	0.567139	0.778549
0.838774	0.648192	0.654957	0.542973	0.506892	0.557497	0.618605	0.765719	0.716871	0.732334
0.666786	0.667435	0.777481	0.765167	0.632621	0.572068	0.835253	0.878439	0.876457	0.696581
0.671392	0.594311	0.679353	0.861273	0.829455	0.658027	0.742191	0.552608	0.742377	0.672052
0.69323	0.616233	0.673601	0.657386	0.785582	0.85114	0.693632	0.54176	0.846415	0.782222
0.666786	0.762354	0.753934	0.598005	0.670698	0.643078	0.608637	0.772955	0.715795	0.747956
0.619109	0.574199	0.589049	0.535357	0.502257	0.710503	0.705785	0.866208	0.755126	0.574997
0.556524	0.595898	0.728345	0.67977	0.613488	0.68046	0.652679	0.68022	0.757484	0.558528
0.611782	0.692506	0.788509	0.822367	0.762197	0.671543	0.566412	0.577471	0.893911	0.777332
0.672319	0.89493	0.867204	0.577866	0.662049	0.658027	0.71618	0.71818	0.663241	0.654294
0.859691	0.69951	0.709319	0.628379	0.637989	0.977623	0.829753	0.936413	0.81023	0.565937
0.556524	0.579523	0.689114	0.529223	0.636193	0.864695	0.620289	0.662888	0.632026	0.591321
0.562247	0.671199	0.924355	0.710502	0.693616	0.629516	0.55248	0.639907	0.788104	0.693563
0.766223	0.753126	0.685183	0.892926	0.728768	0.587144	0.694632	0.727938	0.855211	0.777332
0.770856	0.705606	0.56318	0.628379	0.61434	0.686507	0.68768	0.973384	0.587443	0.668252
0.619109	0.84422	0.605833	0.495387	0.667796	0.590386	0.758116	0.860219	0.685706	0.708866
0.716224	0.859988	0.639716	0.596423	0.712436	0.602762	0.62538	0.732346	0.640976	0.631114
0.808539	0.694496	0.798552	0.851215	0.808962	0.578352	0.658167	0.807102	0.756303	0.727971
0.634144	0.571185	0.619911	0.813161	0.652637	0.572068	0.779488	0.693183	0.871816	0.810149
0.591286	0.651792	0.607466	0.550015	0.801028	0.753305	0.835253	0.701356	0.606231	0.657972
0.780272	0.812994	0.756232	0.627529	0.734351	0.903057	0.788092	0.726843	0.640073	0.602556
0.663137	0.720169	0.718728	0.775781	0.763397	0.550021	0.74443	0.958216	0.723381	0.742312
0.698126	0.536569	0.864239	0.84557	0.727659	0.610361	0.660937	0.799278	0.826557	0.951458
0.602992	0.682691	0.539464	0.653765	0.67362	0.568186	0.763948	0.625814	0.600426	0.720442
0.841506	0.811686	0.631858	0.735884	0.850963	0.835127	0.784384	0.780315	0.664194	0.729058
0.728723	0.772975	0.758542	0.675958	0.634403	0.684482	0.668411	0.792865	0.640976	0.876607
0.740505	0.622946	0.874706	0.690427	0.568279	0.889889	0.943079	0.83565	0.701009	0.771296
0.786262	0.746332	0.634462	0.585502	0.605062	0.930653	0.707844	0.582933	0.762241	0.919953
0.830681	0.640199	0.749374	1.058391	0.822516	0.690587	0.669355	0.55334	0.696875	0.645231
0.941164	0.877867	0.741507	0.706412	0.677546	0.718077	0.817626	0.716041	0.554359	0.788413
0.74487	0.571185	0.618231	0.761685	0.486732	0.567414	0.807124	0.723574	0.598782	0.623369
0.702083	0.547804	0.711393	0.579382	0.505563	0.63399	0.773445	0.828681	0.695848	0.568184
0.851203	0.730879	0.691093	0.776976	0.795818	0.791645	0.651771	0.709687	0.87028	0.745689
0.903232	0.835855	0.734876	0.967826	0.879832	0.77391	0.674103	0.611324	0.780556	0.918269
0.889246	0.97458	0.861294	0.753669	0.654503	0.706234	1.077075	0.752756	0.701009	0.7737
0.602992	0.628907	0.741507	0.735884	0.666833	0.681462	0.769859	0.506124	0.539074	0.537732
0.58669	0.505799	0.901228	0.912106	0.976177	0.854116	0.652679	0.527015	0.560326	0.558528
0.73726	0.615401	0.750509	0.779377	0.708183	0.711577	0.801967	0.812397	0.724476	0.607461
0.680752	0.563742	0.646821	0.667502	0.610098	0.880269	0.905711	0.671467	0.634691	0.842814
0.541848	0.717007	0.854019	0.645727	0.791951	0.967814	0.853626	0.834247	0.699972	0.776118
0.620754	0.652697	0.61907	0.661037	0.842232	0.758066	0.549604	0.670506	0.806243	0.622517

0.594377	0.5557	0.745985	0.73155	0.689543	0.755679	0.64726	0.741299	0.745817	0.608284
0.759366	0.663704	0.762031	0.660122	0.516993	0.666668	0.626235	0.573611	0.65945	0.787168
0.690318	0.810382	0.848284	0.524512	0.649853	0.903057	0.96865	0.709687	0.734454	0.753674
0.576152	0.805204	0.772669	0.555731	0.629079	0.671543	0.638375	0.675336	0.77683	0.530786
0.626561	0.712826	0.726189	0.640449	0.803656	0.885053	0.544614	0.744705	0.706232	0.550522
0.635847	0.74409	0.810135	0.68265	0.65826	0.731377	0.676977	0.629295	0.660395	0.625936
0.678864	0.659083	0.627554	0.545074	0.610098	0.688542	0.648158	0.688151	1.109608	1.033101
0.661324	0.756564	0.635333	0.51524	0.565223	0.755679	0.616928	0.702389	0.698937	0.58037
0.562968	0.607984	0.587484	0.734796	0.693616	0.672525	0.755804	0.787801	0.742377	0.659823
0.652369	0.576472	0.582822	0.661955	0.66015	0.620705	0.659088	0.700326	0.757484	0.833031
0.708088	0.652697	0.849711	0.64308	0.619485	0.579144	0.553926	0.639907	0.925817	0.944257
0.748172	0.777781	0.667923	0.697348	0.630847	0.791645	0.643684	0.7368	0.715795	0.771296
0.755978	0.758871	0.585147	0.601189	0.672643	0.670564	0.727908	1.039984	0.634691	0.619972
0.602992	0.859988	0.725115	0.660122	0.837931	0.590386	0.660937	0.648041	0.625868	0.615761
0.637557	0.640199	0.741507	0.651966	0.649853	0.633092	0.553926	0.80187	0.686709	0.757142
0.718283	0.676907	0.613229	0.67501	0.902403	0.62597	0.562702	0.726843	0.941789	0.5953
0.640997	0.70663	0.683231	0.740263	0.815686	0.71917	0.55104	0.622361	0.670924	0.587378
0.630758	0.772975	0.687144	0.873061	0.956994	0.677467	0.878888	0.825924	0.690747	0.767714
0.645335	0.757716	0.753934	0.735884	0.663002	0.883452	0.781929	0.692172	0.664194	0.851379
0.688388	0.630625	0.672649	0.7734	0.890971	0.612068	0.662793	0.751597	0.737832	0.662615
0.834709	0.588804	0.604206	0.819717	0.892586	0.667638	0.731163	0.693183	0.633801	0.754827
0.577642	0.625491	0.679353	0.849797	0.582304	0.535443	0.814977	0.655401	0.571741	0.758304
0.862558	0.840018	0.827432	0.796567	0.70188	0.652361	0.702715	0.729036	0.616365	0.681698
0.881667	0.86145	0.724044	0.68265	0.825278	0.756871	0.785616	1.001274	0.829339	0.801067
0.939444	0.579523	0.640598	0.733711	0.867442	0.808788	0.833872	0.854312	0.622389	0.673007
0.73726	0.592731	0.659543	0.651966	0.736604	0.767748	0.880421	0.628422	0.652894	0.684634
0.844254	0.834477	0.904457	0.900815	0.636193	0.77765	0.777061	0.54176	0.594698	0.735634
0.656823	0.635821	0.601777	0.676908	0.61179	0.667638	0.852185	0.821821	0.712584	0.64793
0.755978	0.577233	0.765548	0.964126	0.77806	0.71917	0.96865	0.687152	0.737832	0.697592
0.859691	0.70052	0.735974	0.807988	0.750376	0.710503	0.751219	0.682189	0.627619	0.679751
0.856843	0.726564	0.80624	0.645727	0.528033	0.658979	0.628808	0.663832	0.685706	0.777332
0.975209	0.77899	0.716619	0.578623	0.542963	0.732504	0.615257	0.631045	0.641881	0.794694
0.707081	0.803919	0.751648	0.69536	0.578362	0.705173	0.824321	0.684167	0.864189	0.582694
0.755978	0.59749	0.656786	0.841385	0.738869	0.655185	0.886606	0.860219	0.88589	0.764161
0.667704	0.793775	0.718728	0.707431	0.78306	0.8337	0.709913	0.66478	0.714722	0.875082
0.770856	0.815622	0.970875	0.70337	0.763397	0.840882	0.668411	0.763333	0.783057	0.780994
0.73511	0.6935	0.699099	0.729398	0.67167	0.888271	0.690646	0.662888	0.765842	0.48134
0.600626	0.658165	0.929475	0.636966	0.569815	0.825237	0.805829	0.64713	0.701009	0.576525
0.655036	1.002036	0.968991	0.796567	0.669728	0.775153	0.587012	0.579803	0.774364	0.742312
0.673248	0.823603	0.841222	0.639576	0.732109	0.846714	0.586231	0.648954	0.864189	0.767714
0.725564	0.763521	0.627554	0.533303	0.654503	0.657078	0.779488	0.797988	0.771912	0.645231
0.687426	0.657249	0.747112	0.61088	0.634403	0.848184	1.099372	1.06308	0.929316	0.735634
0.716224	0.906147	0.868694	0.708452	0.555436	0.68046	0.715129	0.723574	0.785573	0.614088
0.723471	0.772975	0.685183	0.786661	0.919275	0.620705	0.611935	0.704461	0.844966	0.698605
0.622405	0.749716	0.776273	0.776976	0.814333	0.63942	0.627948	0.804478	0.910411	0.814101
0.890778	0.787554	0.7632	0.650174	0.769446	0.796848	0.719347	0.995145	0.639171	0.938933
0.670467	0.822262	0.907711	0.741364	0.814333	0.848184	0.936041	1.001274	0.905395	0.876607

0.640997	0.783863	0.749374	0.750279	0.758617	0.712654	0.642795	1.026693	0.975612	0.86159
0.702083	0.896515	0.645927	0.822367	0.709242	0.672525	0.66747	0.809741	0.814255	0.717254
0.73511	0.612089	0.61907	0.610064	0.716732	0.752123	0.67987	0.691163	0.689734	0.641659
0.609368	0.72229	0.613229	0.628379	0.804977	0.971711	0.748944	0.776619	0.638271	0.768904
0.769693	0.798818	0.832895	0.700349	0.781805	0.645842	0.556104	0.72249	0.704135	0.615761
0.81752	0.68659	0.670752	0.602789	0.861377	0.601926	0.64726	1.03774	0.908732	0.666365
0.770856	0.566704	0.556582	0.75938	0.811639	0.821066	0.907341	0.816411	0.762241	1.030915
0.686467	0.76119	0.59062	0.575601	0.775582	0.733634	0.835253	0.600561	0.513387	0.745689
0.877182	0.976484	0.700111	0.610064	0.832262	0.860129	0.674103	0.676308	0.678745	0.745689
0.783856	0.72229	0.820697	0.765167	0.793236	0.644919	0.766303	0.897456	0.704135	0.772496
0.930945	0.727639	0.705202	0.826373	0.842232	0.610361	0.730075	1.06785	1.00387	0.869034
0.79479	0.876349	0.711393	0.835865	0.846576	0.626854	0.786852	0.64713	0.710456	1.022283
0.754854	1.042313	0.623291	0.727258	1.105425	1.004215	0.927401	0.634569	0.705182	0.873562
0.704076	0.854188	0.861294	0.640449	0.737735	0.754491	0.820292	0.79414	0.650115	0.693563
0.722429	0.553532	0.596163	0.841385	0.691575	0.619833	0.741075	0.892623	0.821046	0.735634
0.750388	0.78264	0.6717	0.78422	0.788118	0.760467	0.805829	0.699298	0.701009	0.837197
0.816226	0.810382	0.651322	0.811862	0.765806	0.782687	0.683758	0.527015	0.661341	0.93542
0.992317	0.742974	0.822036	0.829064	0.804977	0.609511	0.590148	0.663832	0.734454	1.022283
0.722429	0.577233	0.762031	0.785439	0.582304	0.662806	0.95204	0.824552	0.843522	0.893748
0.81752	0.70052	0.697084	0.625836	0.592722	0.706234	0.76867	0.858735	0.987498	0.806234
0.825369	0.685612	0.634462	0.743576	0.794525	0.960123	0.777061	0.618935	0.837793	0.745689
1.0459	0.806493	0.738179	1.012808	0.791951	0.711577	0.671248	0.704461	0.786836	0.906653
0.786262	0.820926	0.883883	0.745799	0.621214	0.772671	0.96865	0.7586	0.898795	0.89058
0.777899	0.762354	0.938146	0.640449	0.605062	0.62774	0.711992	0.690157	0.873357	0.720442
0.710108	0.608802	0.695078	0.765167	0.710304	0.832278	0.748944	0.844164	0.96595	0.678781
0.755978	0.748585	0.710355	1.051579	0.935041	0.861646	0.84505	0.663832	0.771912	0.867535
0.797258	0.674044	0.709319	0.757087	0.703971	0.739328	0.793086	0.719253	0.769474	0.953277
0.517139	0.549229	0.752789	0.665645	0.642514	0.676474	0.781929	0.711794	0.642788	0.837197
0.73726	0.865866	0.74374	0.659208	0.666833	0.721364	0.651771	0.671467	0.832139	0.729058
0.654145	0.63235	0.667923	0.663796	0.74805	0.911494	0.665593	0.76096	0.774364	0.878137
0.704076	0.687571	0.757386	0.751406	0.70188	0.77391	0.622827	0.609651	0.929316	1.218895
0.719316	0.67979	0.932923	0.54648	0.684504	1.07758	0.855072	0.689153	0.802292	0.823462
0.606168	0.749716	0.742622	0.625836	0.61434	0.975644	0.801967	0.766916	0.765842	0.677814
0.533679	0.59749	0.688128	0.64308	0.651707	0.765307	0.545324	0.695212	0.674817	0.889005
0.659518	0.705606	0.846863	0.623307	0.588685	0.739328	0.650865	0.615536	0.759856	0.851379
0.585929	0.596693	0.607466	0.577866	0.587882	0.802114	0.660011	0.683177	0.925817	0.881215
0.59984	0.70052	0.640598	0.713595	0.656377	0.621578	0.70068	0.752756	1.036337	1.159327
0.59671	0.628907	0.685183	0.549305	0.545866	0.601092	0.580806	0.669546	0.732217	1.060219
0.487652	0.591942	0.901228	0.771031	0.70502	0.709432	0.676977	0.670506	0.737832	0.854272
0.629915	0.74409	0.70214	0.585502	0.635297	0.822452	0.646363	0.838469	0.884304	1.101789
0.637557	0.88554	0.705202	0.531939	0.521789	0.662806	0.602926	0.674365	0.681714	0.995356
0.688388	0.735239	0.67551	0.723008	0.616048	0.673509	0.677939	0.800572	0.567139	0.697592
0.600626	0.717007	0.838428	0.944321	0.892586	0.675484	0.578501	0.669546	0.640073	0.908293
0.692257	0.648192	0.713476	0.735884	0.694641	0.790354	0.598893	0.764524	0.668899	0.938933
0.644464	0.712826	0.634462	0.472821	0.640698	0.867765	0.658167	0.655401	0.874904	1.257528
0.570243	0.723355	0.642367	0.47045	0.463835	0.608661	0.634	0.71818	0.629376	0.851379
0.59749	0.588023	0.681288	0.658296	0.620349	0.559766	0.592516	0.74699	0.559576	0.720442

0.655928	0.665565	0.948784	0.761685	0.681508	0.5912	0.576971	0.659128	0.537646	0.673007
0.606168	0.728716	0.727265	0.680728	0.769446	0.731377	0.732253	0.756253	0.695848	0.760637
0.711121	0.847045	0.683231	0.669367	0.686512	0.766526	0.60618	0.618083	0.889081	0.5953
0.568778	0.75085	0.679353	0.659208	0.702924	0.597769	0.654501	0.67826	0.642788	0.708866
0.619931	0.768223	0.842625	0.678814	0.683503	0.598598	0.715129	0.781554	0.71903	0.663549
0.73511	0.760029	0.676467	0.557895	0.80234	0.737041	0.664658	0.971459	0.759856	0.913252
1.006105	0.712826	0.518973	0.717753	0.909073	0.795542	0.701696	0.903985	0.756303	0.826175
0.772022	0.754269	0.660466	0.68847	0.733228	0.708363	0.660937	0.543191	0.655692	0.834415
0.698126	0.820926	0.789752	0.815772	0.675578	0.670564	0.80325	0.674365	0.802292	0.807535
0.648838	0.712826	0.796019	0.732629	0.797114	0.63399	0.748944	0.845599	0.751611	0.732334
0.818818	0.733054	0.645927	0.61088	0.793236	0.640332	0.554651	0.705501	0.748125	0.716197
0.800986	0.655423	0.641481	0.569618	0.670698	0.668611	0.569403	0.548962	0.611268	0.651555
0.833362	0.717007	0.748241	0.740263	0.610098	0.705173	0.772246	0.671467	0.736703	0.938933
0.967816	1.016444	0.688128	0.616635	0.738869	0.725786	0.74443	0.704461	0.643698	0.749094
0.757104	0.809082	0.693081	0.639576	0.776819	0.661846	0.718289	0.848484	0.704135	0.624223
0.884683	0.642847	0.703158	0.69536	0.7646	0.646768	0.713035	0.683177	0.621523	0.511908
0.705075	0.747457	0.669807	0.736975	0.697729	0.775153	0.763948	0.616383	0.648272	0.799785
0.607765	0.815622	0.782348	0.740263	0.861377	0.607814	0.705785	0.789061	0.761047	0.793431
0.752615	0.714912	0.793501	0.686522	0.843675	0.718077	0.655414	0.902344	0.897161	1.104363
1.024501	0.762354	0.637957	0.859822	0.968402	1.100661	1.037848	0.667633	0.606231	0.641659
0.799739	0.890209	0.834272	0.958634	0.785582	0.918363	0.983968	0.752756	0.736703	0.869034
0.770856	1.256063	0.998154	0.80034	0.729878	0.6036	0.821631	0.860219	0.736703	1.180334
0.775538	0.776574	0.69608	0.858376	0.686512	0.598598	0.751219	1.077551	1.029647	0.92676
0.901656	0.738537	0.739286	0.960457	1.072381	0.965879	0.804538	0.708637	0.789374	0.757142
0.916054	0.851316	0.823379	0.780583	0.750376	1.019238	1.195748	0.821821	0.833545	1.060219
0.833362	1.198307	1.014547	0.897642	0.822516	0.658979	0.808423	0.799278	0.858183	1.156407
0.996212	0.980319	0.728345	0.811862	0.895833	0.660888	0.822974	0.881551	1.50792	1.189658
0.937731	0.649988	0.741507	1.111907	0.909073	0.908099	0.983968	0.912287	0.86268	1.112177
1.097052	0.849888	0.904457	0.979118	0.697729	1.053295	0.885052	0.808419	0.844966	0.884314
1.089712	1.058146	1.038149	1.099153	0.801028	0.991739	1.112272	1.18559	0.798376	1.08173
0.869808	0.970795	0.796019	1.188117	0.986095	0.728014	0.822974	0.852847	0.811568	0.930203
0.944625	0.621258	0.810135	1.027477	0.972272	0.811487	0.686696	0.630169	0.712584	1.246646
0.820121	0.874836	1.014547	1.122388	0.849496	1.261382	1.198934	0.870754	0.830737	1.069648
1.043712	1.122597	1.094582	0.967826	0.980117	0.983617	0.871304	0.884686	0.826557	1.101789
1.070723	1.053563	0.812752	1.091676	0.828058	0.76288	1.242622	0.903985	0.705182	1.089144
0.757104	0.587243	0.870189	1.10676	1.278306	0.960123	1.202143	1.681479	0.981515	0.98152
1.163588	1.566199	1.303306	0.984877	0.972272	1.153834	1.094317	0.965734	1.325748	0.490757
1.222727	1.878354	1.283464	1.216812	1.06994	1.492533	2.385509	1.422197	1.043132	1.118842
1.281867	0.984187	1.044235	1.143376	1.512277	1.032542	2.160527	1.255666	1.194552	1.308111
1.45047	1.104283	0.582748	1.302415	1.461454	1.842449	1.104486	1.31678	1.0547	1.048713
0.362618	0.181309	0.382028	1.783198	1.60177	1.335043	1.208633	0.784042	1.264616	1.342447
0	0.090654	2.431614	0.991899	1.610132	1.271838	1.130005	1.049075	0.90706	1.759282
3.041535	0	0	0.49595	0.247975	0.629024	2.647116	1.051378	1.676619	1.945759
0	0	0	1.834715	0.123987	0.46843	1.010073	1.075106	0.987498	1.714973
0	0	0	1.429399	0.307835	0.739251	1.112272	1.007491	1.300254	1.983157
1.125081	1.06746	0	0.491683	1.302566	1.215421	1.634383	1.159803	1.191329	0.837197
1.503716	1.036867	0.983365	0.994819	1.499003	3.043672	1.128276	1.260963	0.846415	0.365448

1.194214	1.121788	1.006273	0.960457	1.278306	0.956328	1.208633	1.097629	0.707284	0.427615
1.196437	1.191991	1.051585	0.892926	1.074836	0.977623	1.287265	1.71209	0.892295	0.574997
0.883172	1.138934	1.053717	0.982949	1.51907	1.309741	1.359573	2.281181	0.884304	0.744561
1.228621	1.055849	1.049317	1.172957	1.0627	0.948836	0.999846	1.300087	0.953804	0.848505
1.467504	1.217827	0.582822	1.117116	1.012996	0.759265	1.046764	1.023305	2.200546	0.706795
0.890778	0.695494	0.886985	0.930465	0.806301	1.087687	1.215221	0.945365	0.744667	0.740075
0.664046	0.883994	0.59856	0.67501	1.010867	0.896423	0.941309	0.790325	0.773137	0.681698
0.84702	1.049028	0.649516	0.697348	0.756246	0.800792	0.820292	0.989101	1.348199	0.723653
0.863998	0.723355	0.659543	0.796567	0.647086	0.646768	0.871304	1.001274	0.892295	0.718314
0.84702	0.554976	0.728345	0.719847	0.500286	0.641246	0.852185	0.618935	0.402708	0.727971
0.722429	0.612089	0.498132	0.718799	0.661099	0.570511	0.80325	0.691163	0.750446	0.633726
0.803489	0.725491	0.606648	0.813161	1.030419	0.857112	0.836639	1.065459	0.879578	0.571199
0.640134	0.563742	0.605019	0.585502	0.526638	0.704114	0.791832	1.380844	0.826557	0.587378
0.707081	0.4389	0.627554	0.623307	0.504238	0.541215	0.846467	1.371092	0.884304	0.477056
0.619109	0.491819	0.438788	0.45024	0.478549	0.550021	0.67987	0.772955	0.795785	0.527354
0.687426	0.581056	0.534595	0.630937	0.706072	0.646768	0.642795	0.672431	0.644608	0.525989
0.602992	0.544262	0.55877	0.522508	0.525247	0.670564	0.669355	0.860219	0.902082	0.603369
0.461751	0.560068	0.728345	0.426099	0.425215	0.629516	0.708878	1.105404	1.066583	0.937173
0.402547	0.413631	0.461562	0.501057	0.465647	0.608661	0.777061	0.768117	0.498152	0.475233
0.428222	0.478882	0.549367	0.595633	0.476682	0.582326	0.736642	0.797988	0.420301	0.644335
0.574667	0.514935	0.589834	0.595633	0.545866	0.492481	0.573928	0.748137	0.714722	0.725807
0.363928	0.443351	0.408269	0.448551	0.476062	0.511731	0.643684	0.572843	0.619797	0.753674
0.47392	0.433399	0.388064	0.463415	0.412176	0.537599	0.62538	0.540334	0.469199	0.768904
0.434616	0.471062	0.504538	0.459939	0.466253	0.495086	0.62538	0.525636	0.540507	0.593704
0.444938	0.455258	0.453454	0.394211	0.406857	0.473427	0.477146	0.563733	0.825173	0.84994
0.462323	0.540748	0.389053	0.395701	0.47113	0.461778	0.43059	0.703424	0.715795	0.873562
0.515842	0.474654	0.475219	0.417643	0.45253	0.518572	0.562702	0.945365	0.717949	0.792171
0.391713	0.491194	0.436023	0.44799	0.356024	0.592833	0.394524	0.58767	0.881148	0.867535
0.425059	0.525617	0.499406	0.482436	0.58389	0.583126	0.576971	0.483686	0.664194	0.921645
0.466925	0.374214	0.562442	0.573348	0.530838	0.521338	0.666531	0.397284	0.707284	1.041953
0.474508	0.317089	0.415043	0.559343	0.563703	0.483485	0.463411	0.418804	0.775596	0.919953
0.437849	0.399753	0.545804	0.535357	0.565223	0.525522	0.541789	0.476867	0.617221	0.925048
0.705075	0.607984	0.660466	0.571852	0.486097	0.658979	0.663725	0.630169	0.53339	0.803643
0.526323	0.46573	0.535287	0.540188	0.548788	0.560525	0.524535	0.505467	0.328012	0.727971
0.56951	0.494327	0.435472	0.573348	0.525247	0.542671	0.409319	0.380706	0.630257	0.563701
0.494992	0.4593	0.591407	0.476402	0.565223	0.531163	0.294997	0.380213	0.665149	0.900152
0.642727	0.531058	0.54368	0.46986	0.446117	0.602762	0.456993	0.410279	0.558827	0.766526
0.623233	0.427967	0.560969	0.503602	0.534369	0.567414	0.738853	0.39575	0.689734	0.561476
0.427693	0.48561	0.575922	0.684582	0.548788	0.683473	0.68768	0.400367	0.640976	0.549083
0.573927	0.563005	0.507777	0.441859	0.648006	0.796848	0.807124	0.72249	0.706232	0.608284
0.588216	0.536569	0.550083	0.459939	0.613488	0.823842	1.506925	0.68022	0.573286	1.013818
0.698126	0.557151	0.424064	0.661955	0.696697	1.11676	1.094317	0.780315	0.740098	0.782222
0.624063	0.537957	0.451737	0.865656	0.835087	0.747427	0.777061	0.749287	0.684704	0.631114
0.567319	0.675951	0.642367	0.521177	0.463232	0.587144	0.554651	0.344319	0.30032	0.638998
0.588982	0.59749	0.7632	0.527198	0.472357	0.647695	0.683758	0.280758	0.324943	0.717254
0.519091	0.51891	0.797284	0.674065	0.595162	0.605281	0.683758	0.238621	0.370495	1.003465
0.669544	0.599088	0.689114	0.736975	0.767016	0.663768	0.580806	0.719253	0.771912	0.6166

[illegible]

[illegible]

1.149133	1.081673	0.93484	1.186216	0.970681	0.915749	2.130368	0	0	0
0.678369	0.993042	1.142976	0.696589	0.686448	1.027095	1.193595	1.276845	0	0
0.61039	0.631039	0.756923	0.758967	0.955584	1.600882	2.225292	1.360094	2.168451	0
0.791304	0.713247	1.210453	1.320262	1.29103	1.283634	1.032821	0.76197	1.467278	1.129524
0.884451	0.877565	0.825063	0.695553	0.715332	0.657265	0.741294	0.624027	0.660397	1.094217
0.940684	0.991042	0.706275	0.682301	0.624255	0.72611	0.85018	0.881793	0.853893	2.101223
0.505846	0.850756	0.834733	0.826202	0.836321	0.820234	0.654309	1.106109	1.166737	1.202636
0.695613	0.942041	0.912553	0.836103	0.746274	0.731713	0.73898	1.346324	1.136423	1.446141
1.029162	0.843593	0.69702	0.667496	0.658429	0.897197	0.767603	0.880246	1.160944	0.568211
1.071287	0.826871	0.566241	0.664595	0.814337	0.970788	0.884287	1.188881	1.185465	0.978903
0.85212	0.837947	0.78465	0.783611	1.028081	0.681695	1.260338	1.267987	0.796861	1.64167
0.940684	0.756361	0.782168	0.876558	0.826566	0.66882	0.741294	0.840418	0.845065	1.176793
0.830417	0.589541	0.518521	0.559012	0.887093	0.768167	0.646776	0.908984	0.850931	1.022657
0.879682	0.609795	0.826431	0.777317	0.75906	0.635942	0.592449	0.770285	0.82653	0.768588
0.881266	0.850756	0.985141	0.852132	0.550463	0.663004	0.690952	0.583969	0.862905	0.882846
1.099198	0.985098	0.860637	0.777317	0.599055	0.706516	0.675722	0.645082	0.579025	0.663542
0.702917	0.537394	0.57691	0.9709	0.792139	0.706516	0.783933	0.724782	0.782754	0.837484
0.556855	0.643405	0.69499	0.949949	0.933879	0.785689	0.817174	0.734612	0.697134	0.823358
0.625092	0.746025	0.782168	0.663632	0.928618	0.915749	0.609243	0.667211	0.808755	0.870278
0.778594	0.647909	0.794725	0.642972	0.689452	0.682701	0.553857	0.559671	0.667113	0.787366
0.721184	0.645201	0.854745	0.817891	0.676581	0.879405	0.753055	0.784921	0.758222	0.588627
0.695613	0.613125	0.943726	0.709223	0.679517	0.838595	0.815794	0.676775	0.735002	0.671306
0.778594	0.973447	0.815603	0.762576	0.738329	0.571333	0.643059	0.746938	0.744142	0.593511
0.942507	1.005237	0.685971	0.627655	0.632109	0.607068	0.657167	0.877167	0.644506	0.679212
0.667566	0.931477	0.762802	0.70076	0.90819	0.71948	0.782654	0.771486	0.803428	0.714516
0.799112	0.871463	0.565489	0.819265	0.78582	0.75607	0.716489	0.677743	0.572755	0.543313
0.846226	0.690691	0.792184	0.852132	0.541794	0.584793	0.568417	0.637066	0.453723	0.477773
0.836099	0.572468	0.744264	0.689386	0.498271	0.534718	0.665858	0.786163	0.623892	0.628445
0.667566	0.554577	0.579231	0.711364	0.640108	0.640489	0.673731	0.593443	0.652846	0.68625
0.812446	0.734822	0.744264	0.861132	0.761426	0.582387	0.537586	0.504933	0.614369	0.572731
0.784902	0.771738	0.680061	0.64481	0.519487	0.504948	0.542698	0.497831	0.586992	0.538238
0.627739	0.729327	0.815603	0.511111	0.588573	0.652539	0.477357	0.688537	0.629176	0.570396
0.649516	0.609795	0.590229	0.631211	0.669805	0.758462	0.745961	0.661572	0.625647	0.609352
0.559873	0.674992	0.690959	0.674342	0.733854	0.536153	0.631192	0.608053	0.527711	0.479659
0.657973	0.647004	0.727574	0.552262	0.561549	0.606222	0.654309	0.538768	0.497896	0.56194
0.79519	0.795241	0.570021	0.64944	0.706881	0.569	0.533972	0.666266	0.515948	0.583797
0.768687	0.60649	0.612259	0.591164	0.685451	0.67869	0.613545	0.574697	0.615226	0.604287
0.746026	0.645201	0.564738	0.553753	0.493765	0.497649	0.607534	0.567119	0.475559	0.42861
0.684377	0.567173	0.519872	0.493857	0.535403	0.572895	0.570762	0.553804	0.45968	0.56194
0.731176	0.518171	0.532922	0.535473	0.597425	0.549292	0.531818	0.522198	0.639034	0.650279
0.563674	0.589541	0.571543	0.681298	0.578338	0.550033	0.703533	0.538065	0.478055	0.548449
0.652317	0.621563	0.610589	0.597725	0.680501	0.576825	0.508121	0.404796	0.353297	0.498321
0.83183	0.756361	0.751123	0.515875	0.778357	0.721679	0.453387	0.445976	0.566575	0.544774
0.492679	0.456891	0.650742	0.539068	0.522214	0.561314	0.517029	0.45285	0.519375	0.566532
0.657973	0.659841	0.896156	0.612005	0.548279	0.65348	0.514269	0.56562	0.551498	0.528966
0.565204	0.624127	0.604791	0.527668	0.594993	0.587212	0.499391	0.445976	0.443204	0.479659
0.771142	0.683753	0.527379	0.64851	0.66598	0.508306	0.531102	0.495914	0.388484	0.467853

0.415635	0.474142	0.451178	0.471664	0.474353	0.634136	0.555367	0.566369	0.499208	0.415916
0.530602	0.462172	0.500681	0.631211	0.645524	0.539763	0.530387	0.569379	0.680865	0.634701
0.520115	0.532508	0.44601	0.512466	0.620809	0.410862	0.432946	0.5004	0.551498	0.594331
0.56063	0.429215	0.498744	0.527668	0.417599	0.403914	0.532534	0.479031	0.426774	0.595152
0.338242	0.287989	0.362181	0.384577	0.401252	0.434672	0.500723	0.629196	0.620405	0.582198
0.540624	0.455145	0.572306	0.501073	0.423007	0.502279	0.440427	0.545148	0.553726	0.418097
0.625972	0.471118	0.536422	0.625007	0.57601	0.532573	0.526124	0.553804	0.555966	0.437092
0.492031	0.609795	0.601513	0.571277	0.603154	0.692896	0.550105	0.492105	0.565809	0.459354
0.459002	0.490213	0.50393	0.534044	0.579897	0.607068	0.519808	0.459249	0.525612	0.562702
0.46994	0.677893	0.535019	0.529783	0.663133	0.427895	0.452789	0.726947	0.555966	0.587011
0.456608	0.719608	0.539951	0.517933	0.543227	0.544135	0.625822	0.68066	0.500523	0.592693
0.709277	0.704909	0.500681	0.46128	0.549006	0.569	0.506766	0.670058	0.541247	0.68625
0.576854	0.519516	0.572306	0.597725	0.641906	0.642321	0.765144	0.725863	0.56428	0.629333
0.484966	0.714301	0.788401	0.703914	0.590969	0.711871	0.835521	0.518153	0.544151	0.672287
0.572936	0.710101	0.609756	0.535473	0.450522	0.481503	0.503399	0.619766	0.605889	0.617061
0.385734	0.458644	0.452334	0.560526	0.527718	0.499627	0.621397	0.584751	0.627408	0.697545
0.473648	0.551666	0.54066	0.601043	0.642807	0.536153	0.542698	0.533869	0.667113	0.907437
0.596993	0.567926	0.613936	0.464309	0.768601	0.467161	0.436958	0.608053	0.791678	1.223081
0.529895	0.479024	0.500035	0.438357	0.611472	0.56668	0.550853	0.698588	0.64085	1.259451
0.505846	0.599955	0.568505	0.447616	0.606462	0.676698	0.668793	0.823825	0.643589	0.320425
0.548664	0.688697	0.659052	0.576754	0.572158	0.623457	0.536137	0.662507	0.698172	0.160213
0.792595	0.72498	0.513159	0.70286	0.805059	0.487889	0.519111	0.745803	1.022498	0.080106
0.637585	0.666405	0.507861	0.637504	0.687447	0.626987	0.630292	0.71835	1.505533	0.040053
0.915933	0.5612	0.542795	0.660756	0.876143	0.710795	0.727589	0.568624	1.3996	0.020027
0.731176	0.735929	0.644387	0.533331	0.61654	0.717292	0.745961	0.843246	0.284312	0.010013
0.642135	0.5612	0.874191	0.757771	0.526336	0.635038	0.742456	0.941534	0.142156	0
0.700818	0.544472	0.558777	0.569725	0.538942	0.623457	0.546386	0.778762	0.071078	0
0.620716	0.61648	0.583911	0.483571	0.580679	0.798652	0.549359	1.542954	0.035539	0
0.730054	0.715357	0.659985	0.692459	0.662188	0.661082	0.669777	1.508805	0.01777	0
0.601135	0.694706	0.561003	0.474766	0.627728	0.820234	1.017212	0.334888	0.008885	0
0.504511	0.594317	0.515162	0.53049	0.84486	0.835719	1.068288	0.167444	0	0
0.530602	0.817405	0.78465	0.819265	0.871534	0.679689	1.245267	0.083722	0	0
0.552368	0.618168	0.62933	0.536908	0.681486	0.675705	0.848692	0.041861	0	0
0.762608	0.684737	0.583911	0.656005	0.705836	0.64324	1.117817	0.020931	0	0
0.613804	0.55972	0.648007	0.764998	0.628601	0.67869	1.467659	0.010465	0	0
0.702917	0.570191	0.69702	0.735648	0.641006	0.707582	1.283972	0.005233	0	0
0.646733	0.631039	0.594225	0.736784	0.670766	0.541944	0.907474	0.002616	0	0
0.607001	0.564924	0.763988	0.778569	0.802444	0.710795	1.300475	0.001308	0	0
0.748357	0.793972	0.805039	0.612005	0.654702	0.781874	1.399197	6.54E-04	0	0
0.855098	0.850756	0.826431	0.645732	0.755536	0.882586	1.080784	3.27E-04	0	0
0.520115	0.568679	0.737511	0.750662	0.641906	0.718385	0.359192	1.64E-04	0	0
0.448918	0.566422	0.760441	0.653179	0.665029	0.798652	0.538789	8.18E-05	0	0
0.870299	0.728236	0.587849	0.722234	0.937422	0.790828	2.102836	4.09E-05	0	0
0.817897	0.769337	0.651658	0.680297	1.013004	0.885791	0.395414	2.04E-05	0	0
0.638491	0.741509	0.777245	0.569725	0.801142	2.112015	0.197707	0	0	0
0.744866	0.610625	0.648917	0.844773	0.813	0.400571	0.098853	0	0	0
0.882856	0.499763	0.746538	0.961251	0.895086	0.200286	0	0	0	0

0.591259	0.522219	0.56324	0.799097	0.937422	0.100143	0	0	0	0
0.577642	0.561942	0.632826	0.884481	1.845665	0.050071	0	0	0	0
0.661785	0.7239	0.736395	0.922916	0.792621	0.025036	0	0	0	0
0.642135	0.747161	0.838945	0.70076	1.346642	0.012518	0	0	0	0
0.556104	0.653376	0.702137	0.694519	0.34726	0.006259	0	0	0	0
0.714649	0.624127	0.880354	0.864173	0.17363	0	0	0	0	0
0.763817	0.6293	0.794725	0.87499	0.086815	0	0	0	0	0
0.766245	0.776582	0.61731	0.618024	0.043407	0	0	0	0	0
0.70821	0.764573	0.604791	1.081407	0.021704	0	0	0	0	0
0.5856	0.812087	0.675196	0.926425	0.010852	0	0	0	0	0
0.613804	0.702849	0.830563	0.895823	0.005426	0	0	0	0	0
0.737967	0.613125	0.663738	0.713517	0.002713	0	0	0	0	0
0.830417	0.692694	1.011608	0.331869	0.001356	0	0	0	0	0
0.844764	0.739268	1.29843	0.165935	0	0	0	0	0	0
0.599473	0.683753	0.881909	0.082967	0	0	0	0	0	0
0.490738	0.46692	0.57537	0.329169	0	0	0	0	0	0
0.596993	0.846444	0.910885	1.376041	0	0	0	0	0	0
0.583197	0.879104	1.046566	1.158299	0	0	0	0	0	0
0.547927	0.756361	0.892949	1.049863	0	0	0	0	0	0
0.627739	0.529741	0.743131	1.550746	0	0	0	0	0	0
0.773612	0.766949	0.844624	0.682776	0	0	0	0	0	0
0.693548	0.886883	0.622421	1.096776	0	0	0	0	0	0
0.878104	0.849314	0.836133	1.298982	0	0	0	0	0	0
0.726707	0.965851	0.787147	0.393573	0	0	0	0	0	0
0.72782	0.865445	0.96394	0.196787	0	0	0	0	0	0
0.763817	0.661707	1.134536	0.098393	0	0	0	0	0	0
0.685387	0.633659	0.727574	0.049197	0	0	0	0	0	0
0.817897	0.690691	0.851829	0.024598	0	0	0	0	0	0
0.749527	0.863954	0.95648	0.438214	0	0	0	0	0	0
0.56828	0.772944	1.194171	1.52205	0	0	0	0	0	0
0.570602	0.669249	1.007429	0.488655	0	0	0	0	0	0
0.565204	0.510186	0.977311	0.244328	0	0	0	0	0	0
0.565204	0.683753	0.820984	0.122164	0	0	0	0	0	0
0.702917	0.956538	0.877262	0.061082	0	0	0	0	0	0
0.622461	0.728236	0.891355	0.030541	0	0	0	0	0	0
0.460806	0.60158	1.092101	0.01527	0	0	0	0	0	0
0.569053	0.551666	0.912553	0.007635	0	0	0	0	0	0
0.996933	0.727148	0.698039	0.003818	0	0	0	0	0	0
0.829008	0.741509	1.05114	0.001909	0	0	0	0	0	0
0.72782	0.670201	0.98317	9.54E-04	0	0	0	0	0	0
0.681363	0.825506	0.838945	4.77E-04	0	0	0	0	0	0
1.018151	0.599955	0.782168	0.263241	0	0	0	0	0	0
0.710346	0.487701	0.526005	1.440055	0	0	0	0	0	0
0.782368	0.713247	0.938373	0.263002	0	0	0	0	0	0
0.817897	0.717477	0.96962	0.131501	0	0	0	0	0	0
0.518048	0.722823	1.760535	0.065751	0	0	0	0	0	0
0.556855	0.672111	1.447199	0.032875	0	0	0	0	0	0

0.715732	0.860986	0.917596	0.016438	0	0	0	0	0	0
0.639399	0.696727	0.886606	0.008219	0	0	0	0	0	0
0.699772	0.860986	1.393434	0.004109	0	0	0	0	0	0
0.772375	0.796514	0.825063	0.002055	0	0	0	0	0	0
0.741403	0.849314	0.758093	0.001027	0	0	0	0	0	0
0.619846	0.740387	0.952798	5.14E-04	0	0	0	0	0	0
0.768687	0.991042	1.160364	2.57E-04	0	0	0	0	0	0
0.834672	0.769337	0.768762	1.28E-04	0	0	0	0	0	0
0.924611	0.703878	1.169326	6.42E-05	0	0	0	0	0	0
0.612948	0.674992	0.926133	3.21E-05	0	0	0	0	0	0
0.698728	0.610625	0.816942	1.61E-05	0	0	0	0	0	0
0.833249	1.139426	0.99513	8.03E-06	0	0	0	0	0	0
0.629512	0.796514	1.123532	4.01E-06	0	0	0	0	0	0
0.66951	0.641617	0.949146	2.01E-06	0	0	0	0	0	0
0.528484	0.55604	0.829181	1.00E-06	0	0	0	0	0	0
0.699772	0.768141	0.640797	0.320399	0	0	0	0	0	0
0.596993	0.849314	1.069936	1.847643	0	0	0	0	0	0
0.696649	0.893207	1.06516	0.53258	0	0	0	0	0	0
0.703971	0.735929	1.120824	0.26629	0	0	0	0	0	0
0.714649	0.683753	1.037559	0.133145	0	0	0	0	0	0
0.897429	0.774153	0.662797	0.066573	0	0	0	0	0	0
0.613804	0.743761	0.767563	0.033286	0	0	0	0	0	0
0.607846	0.842175	1.074764	0.016643	0	0	0	0	0	0
0.662743	0.810768	1.270879	0.356832	0	0	0	0	0	0
0.784902	0.59753	0.69702	2.766897	0	0	0	0	0	0
0.625092	0.622416	1.060436	1.290753	0	0	0	0	0	0
0.836099	1.064799	1.181571	1.315922	0	0	0	0	0	0
0.667566	0.78025	0.912553	0.456277	0	0	0	0	0	0
0.771142	0.626706	1.145826	0.684415	0	0	0	0	0	0
0.849163	0.837947	1.060436	1.274749	0	0	0	0	0	0
0.673425	0.800355	1.255886	0.456277	0	0	0	0	0	0
0.633082	0.61648	0.912553	0.228138	0	0	0	0	0	0
0.492031	0.599955	0.914228	0.114069	0	0	0	0	0	0
0.688429	0.690691	0.755757	0.434913	0	0	0	0	0	0
0.728936	1.048555	0.869626	2.659382	0	0	0	0	0	0
0.904067	0.872981	0.98712	0.888597	0	0	0	0	0	0
0.536301	0.821436	0.907569	2.439825	0	0	0	0	0	0
0.670486	0.73042	1.345598	0.448078	0	0	0	0	0	0
0.792595	0.771738	0.896156	0.224039	0	0	0	0	0	0
0.621587	0.67403	1.005355	0.560097	0	0	0	0	0	0
0.671463	0.91109	0.917596	2.255389	0	0	0	0	0	0
0.74719	0.868444	0.902641	2.049769	0	0	0	0	0	0
0.876532	0.689693	0.837536	0.418768	0	0	0	0	0	0
0.657025	0.66358	0.958333	0.209384	0	0	0	0	0	0
0.678369	0.543759	0.620711	0.415047	0	0	0	0	0	0
0.680363	0.694706	0.727574	0.990866	0	0	0	0	0	0
0.63668	0.78519	1.069936	1.434345	0	0	0	0	0	0

0.66563	0.672111	0.967718	0.483859	0	0	0	0	0	0
0.549402	0.657058	0.981208	0.24193	0	0	0	0	0	0
0.722283	0.704909	0.776023	0.120965	0	0	0	0	0	0
0.722283	0.928012	0.730861	0.060482	0	0	0	0	0	0
0.670486	0.746025	0.856211	0.030241	0	0	0	0	0	0
0.535584	0.837947	1.327848	0.015121	0	0	0	0	0	0
0.657973	0.710101	0.769963	0.00756	0	0	0	0	0	0
0.826203	0.852203	0.707315	0.00378	0	0	0	0	0	0
0.613804	0.836547	0.897768	0.00189	0	0	0	0	0	0
0.734558	0.952868	1.931476	0.449829	0	0	0	0	0	0
0.69047	0.872981	0.897768	1.251798	0	0	0	0	0	0
0.841857	0.676924	0.607266	1.329075	0	0	0	0	0	0
0.756613	0.671155	0.844624	0.303633	0	0	0	0	0	0
0.833249	0.886883	0.793453	0.151817	0	0	0	0	0	0
0.771142	0.835152	0.997156	0.391883	0	0	0	0	0	0
0.81927	0.550217	0.63195	1.721091	0	0	0	0	0	0
0.711418	0.754042	0.843197	1.679259	0	0	0	0	0	0
0.864155	0.975367	1.02439	0.421599	0	0	0	0	0	0
0.762608	0.744891	0.851829	0.636714	0	0	0	0	0	0
0.618111	0.721749	0.865108	2.294683	0	0	0	0	0	0
0.710346	0.739268	1.048847	0.921172	0	0	0	0	0	0
0.717904	0.912753	1.207147	0.450505	0	0	0	0	0	0
0.718995	0.687704	0.90101	0.225253	0	0	0	0	0	0
0.583997	0.624127	0.857681	0.112626	0	0	0	0	0	0
0.734558	0.896404	0.840358	0.47368	0	0	0	0	0	0
0.994867	0.916098	0.834733	2.219357	0	0	0	0	0	0
0.695613	0.729327	0.710452	0.355226	0	0	0	0	0	0
0.7323	1.048555	1.042039	0.177613	0	0	0	0	0	0
0.608692	0.792706	0.79728	0.088806	0	0	0	0	0	0
0.748357	0.813411	0.78465	0.436728	0	0	0	0	0	0
0.739109	0.78148	0.877262	1.451705	0	0	0	0	0	0
0.695613	0.791444	0.999191	1.186216	0	0	0	0	0	0
0.606158	0.752888	0.910885	1.412228	0	0	0	0	0	0
0.684377	0.523577	0.700083	1.356641	0	0	0	0	0	0
0.648587	0.62327	0.727574	1.020455	0	0	0	0	0	0
1.026937	0.824145	0.94015	1.11271	0	0	0	0	0	0
0.850639	0.879104	1.126257	1.244409	0	0	0	0	0	0
0.712492	0.696727	1.157417	1.847643	0	0	0	0	0	0
0.604478	0.731516	0.825063	1.650334	0	0	0	0	0	0
0.581603	0.684737	0.754594	0.789829	0	0	0	0	0	0
0.720088	0.836547	0.943726	1.445841	0	0	0	0	0	0
0.625972	0.692694	1.030924	1.167407	0	0	0	0	0	0
0.695613	0.535993	0.693979	0.792577	0	0	0	0	0	0
0.838968	0.530431	0.728667	1.847643	0	0	0	0	0	0
0.862632	0.774153	0.836133	1.005409	0	0	0	0	0	0
0.547927	0.901245	0.841775	0.723336	0	0	0	0	0	0
0.595347	0.698758	0.743131	0.843316	0	0	0	0	0	0

0.591259	0.564924	1.230833	2.049769	0	0	0	0	0	0
0.874965	0.771738	0.989109	1.689346	0	0	0	0	0	0
0.706085	0.80553	0.707315	0.701809	0	0	0	0	0	0
0.724489	0.822789	0.665627	1.173586	0	0	0	0	0	0
0.693548	0.835152	0.796001	1.329075	0	0	0	0	0	0
0.890892	0.788932	1.053446	1.329075	0	0	0	0	0	0
0.66951	0.657984	0.648007	0.829008	0	0	0	0	0	0
0.644888	0.637178	0.752277	1.463677	0	0	0	0	0	0
0.562149	0.596724	0.892949	1.699672	0	0	0	0	0	0
0.643969	0.824145	0.924412	1.001204	0	0	0	0	0	0
0.853606	0.562686	0.500681	0.727773	0.363886	0	0	0	0	0
0.830417	0.645201	0.709404	0.890926	2.020606	0	0	0	0	0
0.838968	0.835152	0.931336	1.558226	1.099374	0	0	0	0	0
0.740254	0.919469	0.765176	0.92819	2.470184	0	0	0	0	0
1.015982	0.630169	0.672303	1.11271	0.464095	0	0	0	0	0
0.870299	0.564924	0.754594	1.361411	0.678324	0	0	0	0	0
0.804397	0.716416	0.749972	0.892552	1.651523	0	0	0	0	0
0.864155	0.866942	0.880354	0.833251	1.120543	0	0	0	0	0
0.777343	0.589541	0.660921	0.779824	0.389912	0	0	0	0	0
0.603639	0.639836	0.818285	1.12925	0.584868	0	0	0	0	0
0.632187	0.808141	0.981208	0.902439	1.960358	0	0	0	0	0
0.612094	0.852203	1.058094	0.838973	0.419487	0	0	0	0	0
0.721184	0.671155	0.93484	1.894119	0.62923	0	0	0	0	0
0.691494	0.592719	0.796001	1.320262	2.318203	0	0	0	0	0
0.811094	0.614799	0.683992	0.727773	0.363886	0	0	0	0	0
1.091406	1.074361	1.030924	0.727773	0.538702	0	0	0	0	0
0.684377	0.712196	0.825063	0.713517	1.241737	0	0	0	0	0
0.633978	0.793972	1.026557	0.87499	1.086649	0	0	0	0	0
0.700818	0.865445	1.107532	2.073823	0.437495	0	0	0	0	0
0.696649	0.83376	0.79728	1.233557	0.218748	0	0	0	0	0
0.726707	0.679837	0.762802	0.922916	0.450023	0	0	0	0	0
0.562911	0.529051	0.607266	0.681298	1.426591	0	0	0	0	0
0.598645	0.683753	0.92099	1.08647	1.670343	0	0	0	0	0
0.800427	0.682771	0.653495	0.666527	1.191047	0	0	0	0	0
0.630402	0.504292	0.642589	0.841863	1.432112	0	0	0	0	0
0.576067	0.762211	0.812938	0.678303	1.924386	0	0	0	0	0
0.617246	0.78148	0.833339	0.695553	0.857992	0	0	0	0	0
0.699772	0.553119	0.68498	0.900776	0.742852	0	0	0	0	0
0.892517	0.687704	0.603969	0.816521	1.089164	0	0	0	0	0
0.691494	0.605668	0.565489	0.657899	2.535516	0	0	0	0	0
0.728936	0.668299	0.578456	0.786154	2.363201	0	0	0	0	0
0.67441	0.749443	0.807656	0.86265	1.29103	0	0	0	0	0
0.799112	0.591127	0.71573	0.900776	0.944596	0	0	0	0	0
0.657973	0.581697	0.60644	0.758967	0.860965	0	0	0	0	0
0.951739	0.533203	0.478595	0.858111	0.724688	0	0	0	0	0
0.912509	0.661707	0.61731	0.690408	1.32876	0	0	0	0	0
0.700818	0.743761	0.848933	0.915983	0.955584	0	0	0	0	0

0.650448	0.551666	0.659052	0.917706	0.916844	0	0	0	0	0
0.553859	0.558244	0.807656	1.311625	2.240163	0	0	0	0	0
0.778594	0.669249	0.690959	0.801733	1.531586	0	0	0	0	0
0.689448	0.91778	0.768762	0.586307	0.832113	0	0	0	0	0
0.695613	0.712196	0.74768	0.709223	1.008791	0	0	0	0	0
0.562149	0.509527	0.735283	0.754202	0.862459	0	0	0	0	0
0.640309	0.527676	0.762802	0.997039	1.197474	0	0	0	0	0
0.584798	0.657984	0.749972	0.762576	0.849193	0	0	0	0	0
0.713569	0.792706	0.71786	0.844773	1.008791	0	0	0	0	0
0.642135	0.739268	0.678108	0.766215	0.880802	0	0	0	0	0
0.705027	0.708017	0.794725	1.083931	1.178473	0	0	0	0	0
0.942507	0.830991	0.595029	0.667496	0.874601	0	0	0	0	0
0.693548	0.738152	0.61562	0.808392	1.045978	0	0	0	0	0
0.564438	0.675957	0.751123	0.760167	1.10457	0	0	0	0	0
0.615522	0.829613	0.768762	1.016103	1.415755	0	0	0	0	0
0.650448	0.697742	0.762802	0.816521	1.624739	0	0	0	0	0
0.725597	0.570948	0.701109	0.856609	1.394861	0	0	0	0	0
0.681363	0.726063	0.643487	0.800413	1.091694	0	0	0	0	0
0.712492	0.790186	0.758093	0.864173	0.840569	0	0	0	0	0
0.662743	0.55972	0.676165	0.762576	0.968765	0	0	0	0	0
0.744866	0.505595	0.679083	0.907469	1.181582	0	0	0	0	0
0.713569	0.710101	0.899386	1.107334	0.695524	0	0	0	0	0
0.817897	0.845017	0.78465	1.031532	0.959309	0	0	0	0	0
0.660828	0.710101	0.74768	0.897468	1.086649	0	0	0	0	0
0.679365	0.562686	0.653495	1.134907	1.599512	0	0	0	0	0
0.618978	0.752888	0.811611	0.695553	1.399991	0	0	0	0	0
0.915933	0.774153	1.02439	1.040601	0.891871	0	0	0	0	0
1.018151	0.770536	0.885035	0.976794	1.311585	0	0	0	0	0
0.766245	0.688697	0.619858	0.931741	1.355867	0	0	0	0	0
0.595347	0.665461	0.630202	0.808392	1.166252	0	0	0	0	0
0.827603	0.763391	0.818285	0.773585	1.267583	0	0	0	0	0
0.992811	0.847877	0.949146	0.895823	1.123263	0	0	0	0	0
0.714649	0.531122	0.802437	0.853619	0.914893	0	0	0	0	0
0.63668	0.719608	0.836133	1.286696	0.806893	0	0	0	0	0
0.588825	0.762211	0.718929	0.760167	1.279148	0	0	0	0	0
0.749527	0.764573	0.623279	0.693488	1.743488	0	0	0	0	0
0.66951	0.609795	0.811611	1.038315	1.081662	0	0	0	0	0
0.518048	0.567926	0.726484	0.849173	1.151444	0	0	0	0	0
0.622461	0.64251	0.537126	0.647582	1.979527	0	0	0	0	0
0.816528	0.728236	0.759265	0.733383	1.804482	0	0	0	0	0
0.917655	0.674992	0.705237	0.642056	0.82519	0	0	0	0	0
0.615522	0.654293	0.753434	0.85065	1.172319	0	0	0	0	0
0.723385	0.690691	0.613936	0.933528	0.393715	0	0	0	0	0
0.837531	0.673069	0.53153	0.787431	0.590573	0	0	0	0	0
0.694579	0.681791	0.610589	0.816521	1.845665	0	0	0	0	0
0.707147	0.73042	0.777245	0.673357	1.891167	0	0	0	0	0
0.623336	0.583255	0.673265	0.871872	1.710621	0	0	0	0	0

0.563674	0.504292	0.654416	0.782345	0.391172	0	0	0	0	0
0.742554	0.689693	0.822339	1.056942	0.195586	0	0	0	0	0
0.74719	0.717477	0.668476	0.725549	0.097793	0	0	0	0	0
0.56063	0.78148	0.716794	0.734514	0.048897	0	0	0	0	0
0.614662	0.688697	0.759265	0.85065	0.024448	0	0	0	0	0
0.679365	0.669249	0.736395	0.881295	0.012224	0	0	0	0	0
0.774852	0.647909	0.71573	0.796477	0.006112	0	0	0	0	0
0.637585	0.759861	0.664682	0.838973	0.003056	0	0	0	0	0
0.593707	0.855111	0.94015	0.968953	0.001528	0	0	0	0	0
0.812446	0.633659	0.766368	1.137763	7.64E-04	0	0	0	0	0
0.838968	0.60158	0.623279	1.038315	3.82E-04	0	0	0	0	0
0.894148	0.717477	0.68498	1.10467	1.91E-04	0	0	0	0	0
0.946176	0.801643	0.850379	0.905786	9.55E-05	0	0	0	0	0
0.833249	0.843593	0.917596	1.529049	4.78E-05	0	0	0	0	0
0.688429	0.686713	1.062792	0.375562	2.39E-05	0	0	0	0	0
0.701866	0.685724	0.751123	0.187781	0	0	0	0	0	0
0.596169	0.693699	0.981208	0.450168	0	0	0	0	0	0
0.707147	0.620712	0.712556	1.040601	0	0	0	0	0	0
0.746026	0.697742	0.743131	1.107334	0	0	0	0	0	0
0.695613	0.699777	0.796001	0.371565	0	0	0	0	0	0
0.812446	0.620712	0.78465	0.185783	0	0	0	0	0	0
0.897429	0.821436	0.950968	0.485216	0	0	0	0	0	0
0.643969	0.669249	0.936603	1.529049	0	0	0	0	0	0
0.722283	0.965851	1.046566	0.468302	0	0	0	0	0	0
0.68337	0.626706	1.123532	0.234151	0	0	0	0	0	0
0.607846	0.645201	1.092101	0.117075	0	0	0	0	0	0
0.933467	0.777801	0.857681	0.058538	0	0	0	0	0	0
0.70821	0.802935	0.872664	0.029269	0	0	0	0	0	0
0.739109	0.766949	0.993114	0.014634	0	0	0	0	0	0
0.648587	0.626706	0.658698	0.007317	0	0	0	0	0	0
0.720088	0.690691	1.15449	0.003659	0	0	0	0	0	0
0.957374	0.826871	0.881909	0.001829	0	0	0	0	0	0
0.781106	0.981179	1.046566	9.15E-04	0	0	0	0	0	0
0.663703	0.734822	1.157417	4.57E-04	0	0	0	0	0	0
0.696649	0.78025	1.772474	2.29E-04	0	0	0	0	0	0
0.716817	0.989051	1.234325	1.14E-04	0	0	0	0	0	0
0.538457	1.21935	0.494526	5.72E-05	0	0	0	0	0	0
0.724489	1.039539	0.247263	0	0	0	0	0	0	0
0.551625	0.995051	0.123631	0	0	0	0	0	0	0
0.746026	0.749443	0.061816	0	0	0	0	0	0	0
0.897429	0.997069	0.030908	0	0	0	0	0	0	0
0.772375	0.722823	0.015454	0	0	0	0	0	0	0
0.777343	1.057763	0.007727	0	0	0	0	0	0	0
0.754238	0.93322	0.003863	0	0	0	0	0	0	0
0.879682	0.813411	0.001932	0	0	0	0	0	0	0
0.884451	0.975367	9.66E-04	0	0	0	0	0	0	0
0.994867	0.929909	4.83E-04	0	0	0	0	0	0	0

1.185929	2.225741	2.41E-04	0	0	0	0	0	0	0
0.824808	0.90287	1.21E-04	0	0	0	0	0	0	0
1.013824	1.003181	6.04E-05	0	0	0	0	0	0	0
0.72782	1.18999	3.02E-05	0	0	0	0	0	0	0
0.905742	1.12561	1.51E-05	0	0	0	0	0	0	0
1.00319	1.0644	0.532208	0	0	0	0	0	0	0
1.205566	1.698636	2.154723	0	0	0	0	0	0	0
0.912509	1.992801	1.96787	0	0	0	0	0	0	0
1.020331	2.106664	0.51755	0	0	0	0	0	0	0
1.026937	1.0351	0.258775	0	0	0	0	0	0	0
0.779848	1.212651	0.129388	0	0	0	0	0	0	0
1.176433	1.075582	0.602485	0	0	0	0	0	0	0
0.974731	1.902675	1.810394	0	0	0	0	0	0	0
0.978684	1.599048	0.542069	0	0	0	0	0	0	0
0.733428	1.084138	0.271035	0	0	0	0	0	0	0
0.873404	0.812087	0.135517	0	0	0	0	0	0	0
0.904067	0.809453	0.067759	0	0	0	0	0	0	0
1.270442	0.404726	0.033879	0	0	0	0	0	0	0
1.112503	0.202363	0	0	0	0	0	0	0	0
0.787451	0.101182	0	0	0	0	0	0	0	0
0.980674	0.050591	0	0	0	0	0	0	0	0
1.091406	0.025295	0	0	0	0	0	0	0	0
1.101826	0.942631	0.012648	0	0	0	0	0	0	0
1.009539	1.567835	0.875724	0	0	0	0	0	0	0
0.933467	0.956538	0.722151	0	0	0	0	0	0	0
1.33757	0.898012	1.05114	0	0	0	0	0	0	0
0.897429	0.59592	0.999191	0	0	0	0	0	0	0
0.862632	0.487701	0.700083	0	0	0	0	0	0	0
1.274346	0.947421	0.793453	0	0	0	0	0	0	0
1.049113	1.150805	0.958333	0.396726	0	0	0	0	0	0
1.038819	1.432996	1.294385	1.550746	0	0	0	0	0	0
1.009539	1.028526	1.046566	0.949925	0	0	0	0	0	0
0.966931	1.128338	0.853285	1.501708	0	0	0	0	0	0
1.086288	0.952868	0.941934	1.910786	0	0	0	0	0	0
0.904067	0.975367	0.607266	1.543393	0	0	0	0	0	0
1.109809	0.824145	0.680061	1.16435	0	0	0	0	0	0
1.07623	1.122899	1.230833	1.878068	0	0	0	0	0	0
1.564836	0.909434	1.148695	1.641105	0	0	0	0	0	0
1.001094	0.625844	0.949146	1.158299	0	0	0	0	0	0
1.324167	0.98707	1.094635	1.984698	0	0	0	0	0	0
0.924611	1.064799	0.6471	0.837536	0	0	0	0	0	0
0.84041	0.893207	0.749972	0.812438	0	0	0	0	0	0
1.040459	0.938491	1.131759	1.495134	0	0	0	0	0	0
1.244049	1.147545	1.058094	1.10467	0	0	0	0	0	0
1.215727	1.531731	1.16333	0.34851	0	0	0	0	0	0
0.9867	0.684737	0.69702	0.477475	0	0	0	0	0	0
1.063976	0.797791	0.60644	1.743622	0	0	0	0	0	0

0.992811	0.741509	0.660921	1.209241	0	0	0	0	0	0
0.921119	0.885316	0.975375	1.320262	0	0	0	0	0	0
0.80307	0.999097	0.943726	1.38103	0.432851	0	0	0	0	0
0.79519	0.82824	0.941934	0.865702	1.924386	0	0	0	0	0
0.765029	0.617323	0.872664	1.096776	0.432851	0	0	0	0	0
1.071287	1.139426	1.715815	1.16435	0.216426	0	0	0	0	0
0.970813	0.683753	0.851829	1.229998	0.108213	0	0	0	0	0
1.266572	0.674992	0.469463	0.730008	0.054106	0	0	0	0	0
0.959268	0.329434	0.57614	1.298982	0.027053	0	0	0	0	0
0.772375	0.329869	0.76162	1.508384	0.013527	0	0	0	0	0
0.779848	0.624985	0.595029	1.149379	0.006763	0	0	0	0	0
0.834672	0.752888	0.706275	1.391182	0.003382	0	0	0	0	0
1.380453	0.901245	0.985141	1.219496	0.313755	0	0	0	0	0
1.167141	0.817405	0.917596	0.624128	2.205841	0	0	0	0	0
0.905742	1.16249	0.99513	0.574399	0.53122	0	0	0	0	0
1.001094	1.277014	1.030924	0.488041	1.217344	0	0	0	0	0
1.34674	1.438551	0.910885	0.884481	1.57567	0	0	0	0	0
1.390586	0.888455	0.846056	0.897683	0.442241	0	0	0	0	0
1.324167	0.685724	0.96394	3.125223	0.22112	0	0	0	0	0
1.129026	1.076785	0.785897	1.251798	0.11056	0	0	0	0	0
0.859602	1.076785	0.772377	1.286696	0.05528	0	0	0	0	0
1.677892	1.38596	1.217141	1.091113	0.510183	0	0	0	0	0
1.719563	1.165461	1.319237	0.965085	1.568004	0	0	0	0	0
1.107132	1.005237	1.267082	0.691432	0.345716	0	0	0	0	0
0.800427	1.039539	1.05114	1.396349	0.172858	0	0	0	0	0
1.236793	1.632679	1.060436	1.158299	0.086429	0	0	0	0	0
1.494316	1.013562	1.169326	1.003301	0.043215	0	0	0	0	0
2.64463	1.050839	1.489233	1.428709	0.021607	0	0	0	0	0
0.776096	1.156608	1.314995	0.402519	0.010804	0	0	0	0	0
0.672443	0.538097	0.805039	0.20126	0	0	0	0	0	0
0.884451	0.676924	0.859156	0.10063	0	0	0	0	0	0
1.258933	1.49203	1.495584	0.050315	0	0	0	0	0	0
0.728936	0.82824	1.053446	0.025157	0	0	0	0	0	0
1.328589	0.904502	1.274709	0.012579	0	0	0	0	0	0
0.973685	0.965851	0.950968	0.006289	0	0	0	0	0	0
0.969768	0.942041	0.726484	0.003145	0	0	0	0	0	0
0.975644	1.343524	1.414148	0.364814	0	0	0	0	0	0
1.179465	1.240087	1.528814	1.565838	0	0	0	0	0	0
1.406244	0.772944	0.989109	2.573272	0	0	0	0	0	0
1.176433	1.65973	1.638195	1.401577	0	0	0	0	0	0
2.249645	1.416745	1.200337	0.333287	0	0	0	0	0	0
2.046267	0.999097	0.666575	0.166644	0	0	0	0	0	0
1.75367	0.983134	0.840358	0.083322	0	0	0	0	0	0
1.964458	2.162134	0.420179	0.041661	0	0	0	0	0	0
2.430955	3.103551	0.099133	0	0	0	0	0	0	0
0.601322	0.198266	0.049566	0	0	0	0	0	0	0
0.396531	0.099133	0	0	0	0	0	0	0	0

1.34674	0.724295	0.049566	0	0	0	0	0	0	0
1.052059	1.842005	1.851946	0	0	0	0	0	0	0
0.701866	1.764431	0.175466	0	0	0	0	0	0	0
0.793891	0.350933	0.087733	0	0	0	0	0	0	0
0.84041	0.430404	0.043867	0	0	0	0	0	0	0
0.509875	1.07195	0.021933	0	0	0	0	0	0	0
0.623336	1.089111	0.010967	0	0	0	0	0	0	0
0.799112	0.882199	0.005483	0	0	0	0	0	0	0
1.08123	1.212651	0.002742	0	0	0	0	0	0	0
1.073751	1.473463	0.001371	0	0	0	0	0	0	0
1.112503	2.162134	6.85E-04	0	0	0	0	0	0	0
0.734558	0.699131	3.43E-04	0	0	0	0	0	0	0
0.663703	1.254483	1.71E-04	0	0	0	0	0	0	0
0.586404	1.973217	8.57E-05	0	0	0	0	0	0	0
0.582399	1.553032	4.28E-05	0	0	0	0	0	0	0
1.18274	0.695401	2.14E-05	0	0	0	0	0	0	0
0.808403	1.18999	1.07E-05	0	0	0	0	0	0	0
0.827603	2.342985	5.35E-06	0	0	0	0	0	0	0
0.761402	0.380701	2.68E-06	0	0	0	0	0	0	0
0.951739	0.190351	0	0	0	0	0	0	0	0
0.999008	0.425112	0	0	0	0	0	0	0	0
0.659874	1.427511	0	0	0	0	0	0	0	0
1.045062	0.329937	0	0	0	0	0	0	0	0
0.782368	0.164969	0	0	0	0	0	0	0	0
1.176433	0.082484	0	0	0	0	0	0	0	0
1.831151	0.518047	0	0	0	0	0	0	0	0
0.953609	1.4984	0	0	0	0	0	0	0	0
1.033646	0.476804	0	0	0	0	0	0	0	0
1.613393	0.238402	0	0	0	0	0	0	0	0
2.12212	0.119201	0	0	0	0	0	0	0	0
1.765661	0.059601	0	0	0	0	0	0	0	0
0.861798	0.0298	0	0	0	0	0	0	0	0
2.64463	0.445799	0	0	0	0	0	0	0	0
1.117941	2.192775	0	0	0	0	0	0	0	0
1.129026	0.55897	0	0	0	0	0	0	0	0
1.226133	0.279485	0	0	0	0	0	0	0	0
1.390586	0.139743	0	0	0	0	0	0	0	0
0.701866	0.069871	0	0	0	0	0	0	0	0
1.131842	0.034936	0	0	0	0	0	0	0	0
0.970813	0.017468	0	0	0	0	0	0	0	0
0.695253	0.008734	0	0	0	0	0	0	0	0
1.677892	0.004367	0	0	0	0	0	0	0	0
1.487856	0.002183	0	0	0	0	0	0	0	0
0.635056	0.001092	0	0	0	0	0	0	0	0
1.360869	5.46E-04	0	0	0	0	0	0	0	0
0.666927	2.73E-04	0	0	0	0	0	0	0	0
1.507534	1.36E-04	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.164831	0	0	0	0	0	0	0	0	0
1.653056	0	0	0	0	0	0	0	0	0
1.356155	0.678077	0	0	0	0	0	0	0	0
2.246954	1.509674	0	0	0	0	0	0	0	0
0.885424	0.142053	0	0	0	0	0	0	0	0
0.284106	0	0	0	0	0	0	0	0	0
0.426159	0	0	0	0	0	0	0	0	0
1.624586	0.213079	0	0	0	0	0	0	0	0
1.597868	2.847625	0.554627	0	0	0	0	0	0	0
1.091683	1.036503	0.896174	1.959926	0.523184	0.261592	0.568103	1.22115	0.437307	0.682036
0.946541	0.773519	0.861407	1.284263	1.065277	1.046367	0.96231	0.874615	0.926764	1.146977
0.950413	0.804235	0.791425	0.705089	1.055484	0.956813	1.066196	0.834316	1.513982	1.140824
0.74383	1.046057	0.728925	0.70727	0.952516	0.858902	1.0687	0.814072	1.139797	1.080987
0.663498	0.643084	0.716783	0.700759	0.754938	0.797349	0.780309	0.726127	0.804945	0.706834
0.597453	0.854033	1.057737	0.861922	0.824437	0.794688	0.59565	0.776213	0.523732	0.574967
0.656522	0.742427	0.781204	0.554077	0.500825	0.610449	0.641978	0.613001	0.548568	0.692454
0.583862	0.623482	0.518399	0.482023	0.624102	0.515697	0.497713	0.647215	0.60648	0.717076
0.784344	0.678895	0.52816	0.615906	0.706812	0.558179	0.606777	0.68331	0.603833	0.620433
0.546232	0.596072	0.585351	0.631234	0.528701	0.599311	0.521985	0.554054	0.528883	0.548401
0.517307	0.666627	0.592651	0.627579	0.516635	0.497923	0.527728	0.334509	0.504418	0.665049
0.542414	0.630846	0.430118	0.503369	0.577395	0.534229	0.528452	0.507707	0.534845	0.554694
0.657512	0.491491	0.651232	0.615906	0.502855	0.540094	0.543177	0.444806	0.554024	0.590172
0.523813	0.449171	0.526752	0.565759	0.445152	0.560494	0.632677	0.749839	0.594263	0.466129
0.466575	0.61714	0.561107	0.580204	0.63869	0.561268	0.48574	0.423025	0.50024	0.56269
0.617769	0.647885	0.637413	0.485946	0.703571	0.638223	0.517726	0.496683	0.478613	0.678535
0.722599	0.482163	0.613596	0.53528	0.467072	0.498594	0.599896	0.565858	0.511472	0.614028
0.476912	0.618943	0.741417	0.580204	0.594641	0.590104	0.448658	0.558737	0.464345	0.632584
0.442969	0.498963	0.575805	0.480723	0.619642	0.620991	0.511416	0.465832	0.391669	0.572483
0.575578	0.578441	0.419558	0.607135	0.634997	0.393102	0.327033	0.455192	0.551677	0.596232
0.621401	0.524358	0.455605	0.43459	0.489499	0.521315	0.510721	0.550189	0.631996	0.721706
0.514446	0.700144	0.507507	0.486604	0.443374	0.569878	0.512811	0.447227	0.534096	0.702358
0.524542	0.592658	0.482047	0.619464	0.454758	0.563599	0.631757	0.489933	0.563539	0.737106
0.583026	0.501024	0.668417	0.547973	0.482325	0.403216	0.38179	0.632088	0.680607	0.937269
0.617769	0.411731	0.486508	0.517969	0.421464	0.380654	0.421795	0.566657	0.705448	3.229143
0.460238	0.410053	0.491664	0.449429	0.494792	0.450989	0.43736	0.670942	0.564342	0.282171
0.560261	0.467261	0.69554	0.403624	0.456583	0.570669	0.536489	0.653026	0.702127	0.141085
0.63342	0.522184	0.541767	0.649989	0.582253	0.58845	0.686492	0.523336	1.277284	0.070543
0.50111	0.656662	0.559588	0.409092	0.40763	0.637299	0.683379	0.760947	0.261668	0.035271
0.446612	0.427134	0.446163	0.469828	0.380194	0.507403	0.760101	2.208355	0.081901	0
0.361104	0.454087	0.555815	0.456123	0.422027	0.655205	1.59121	0.163801	0.04095	0
0.509485	0.440102	0.474505	0.564183	0.622313	1.02107	0.327602	0.081901	0	0
0.530418	0.473031	0.415187	0.473005	0.645229	1.438193	0.163801	0	0	0
0.492893	0.406716	0.442674	0.448826	0.624102	1.178148	0.081901	0	0	0
0.590604	0.547483	0.570332	0.611499	0.730209	0.312051	0.04095	0	0	0

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