

Hoofdstuk 1

Packomania Even-grote cirkels

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
3	2.154700538	2.154700538	0.0000000000	0.00	0s:0ms
4	2.414213562	2.732050808	0.3178372452	13.17	0s:0ms
5	2.701301617	3	0.2986983833	11.06	0s:0ms
6	3	3	0.0000000000	0.00	0s:0ms
7	3	3	0.0000000000	0.00	0s:0ms
8	3.304764871	3.694301256	0.3895363853	11.79	0s:0ms
9	3.61312593	3.8	0.1868740702	5.17	0s:0ms
10	3.813025631	4	0.1869743686	4.90	0s:0ms
11	3.9238044	4.055050463	0.1312460631	3.34	0s:0ms
12	4.02960193	4.055050463	0.0254485332	0.63	0s:0ms
13	4.236067977	4.605551275	0.3694832980	8.72	0s:0ms
14	4.328428555	4.605551275	0.2771227206	6.40	0s:0ms
15	4.521356965	4.815756806	0.2943998410	6.51	0s:0ms
16	4.615425595	4.815756806	0.2003312108	4.34	0s:0ms
17	4.792033748	5	0.2079662517	4.34	0s:0ms
18	4.863703305	5	0.1362966948	2.80	0s:0ms
19	4.863703305	5	0.1362966948	2.80	0s:0ms
20	5.122320737	5.613025038	0.4907043009	9.58	0s:0ms
21	5.252317475	5.613025038	0.3607075629	6.87	0s:0ms
22	5.439718959	5.694198862	0.2544799032	4.68	0s:0ms
23	5.545204223	5.75	0.2047957774	3.69	0s:0ms
24	5.651661092	5.891911267	0.2402501756	4.25	0s:0ms
25	5.752824331	6.003702333	0.2508780021	4.36	0s:0ms
26	5.828176537	6.196152423	0.3679758858	6.31	0s:0ms
27	5.906397847	6.33487632	0.4284784726	7.25	0s:0ms
28	6.014938097	6.428571429	0.4136333312	6.88	0s:0ms
29	6.138597904	6.547689565	0.4090916605	6.66	0s:0ms
30	6.197741071	6.604759882	0.4070188110	6.57	0s:0ms
31	6.291502622	6.625462944	0.3339603218	5.31	0s:0ms
32	6.429462971	6.636363636	0.2069006654	3.22	0s:1ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
33	6.486703124	6.669933699	0.1832305752	2.82	0s:1ms
34	6.61095709	6.766281297	0.1553242073	2.35	0s:1ms
35	6.697171092	7.103417131	0.4062460396	6.07	0s:1ms
36	6.746753793	7	0.2532462066	3.75	0s:1ms
37	6.758770483	7	0.2412295169	3.57	0s:2ms
38	6.961886965	7.293994497	0.3321075319	4.77	0s:1ms
39	7.057884163	7.331139971	0.2732558085	3.87	0s:1ms
40	7.123846436	7.584629125	0.4607826895	6.47	0s:1ms
41	7.260012329	7.609084657	0.3490723281	4.81	0s:1ms
42	7.346796407	7.429100507	0.0823041004	1.12	0s:1ms
43	7.419944856	7.677768534	0.2578236776	3.47	0s:1ms
44	7.498036683	7.677768534	0.1797318509	2.40	0s:1ms
45	7.572912326	7.82657133	0.2536590037	3.35	0s:2ms
46	7.650179915	8	0.3498200853	4.57	0s:2ms
47	7.724170053	8	0.2758299474	3.57	0s:2ms
48	7.791271431	8	0.2087285694	2.68	0s:2ms
49	7.886870959	8.253232038	0.3663610794	4.65	0s:2ms
50	7.947515275	8.359291376	0.4117761008	5.18	0s:2ms
51	8.027506952	8.408103671	0.3805967186	4.74	0s:2ms
52	8.084717191	8.472517892	0.3878007012	4.80	0s:2ms
53	8.179582827	8.488877336	0.3092945096	3.78	0s:2ms
54	8.203982383	8.538461538	0.3344791550	4.08	0s:2ms
55	8.211102551	8.587147277	0.3760447262	4.58	0s:2ms
56	8.383529923	8.6	0.2164700774	2.58	0s:2ms
57	8.447184653	8.628073151	0.1808884978	2.14	0s:2ms
58	8.52455377	8.741697766	0.2171439957	2.55	0s:3ms
59	8.592499959	8.95896775	0.3664677911	4.26	0s:3ms
60	8.646219845	8.967076656	0.3208568103	3.71	0s:3ms
61	8.661297576	9.021337505	0.3600399294	4.16	0s:3ms
62	8.829765409	9.045787337	0.2160219284	2.45	0s:3ms
63	8.892351538	9.185352772	0.2930012343	3.29	0s:3ms
64	8.961971108	9.185352772	0.2233816634	2.49	0s:3ms
65	9.017397323	9.275353858	0.2579565352	2.86	0s:3ms
66	9.096279427	9.275353858	0.1790744315	1.97	0s:3ms
67	9.168971882	9.275353858	0.1063819766	1.16	0s:3ms
68	9.229773747	9.326663998	0.0968902511	1.05	0s:3ms
69	9.269761267	9.326663998	0.0569027312	0.61	0s:3ms
70	9.345653194	9.632545009	0.2868918150	3.07	0s:4ms
71	9.415796897	9.632545009	0.2167481122	2.30	0s:4ms
72	9.473890857	9.801090841	0.3271999848	3.45	0s:4ms
73	9.540346152	9.801090841	0.2607446893	2.73	0s:4ms
74	9.589232764	9.888925926	0.2996931615	3.13	0s:4ms
75	9.672029632	9.909090909	0.2370612771	2.45	0s:4ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
76	9.729596802	10	0.2704031978	2.78	0s:4ms
77	9.798911925	10.21190226	0.4129903345	4.21	0s:4ms
78	9.8577099	10.27521352	0.4175036178	4.24	0s:4ms
79	9.905063468	10.27521352	0.3701500500	3.74	0s:4ms
80	9.968151813	10.34126647	0.3731146566	3.74	0s:5ms
81	10.01086424	10.38839772	0.3775334833	3.77	0s:5ms
82	10.05082422	10.38839772	0.3375735011	3.36	0s:5ms
83	10.11685788	10.40638081	0.2895229379	2.86	0s:5ms
84	10.14953087	10.55252264	0.4029917684	3.97	0s:6ms
85	10.16311147	10.64622206	0.4831105925	4.75	0s:6ms
86	10.29870105	10.68161804	0.3829169837	3.72	0s:5ms
87	10.36320851	10.71444133	0.3512328258	3.39	0s:5ms
88	10.43233769	10.71444133	0.2821036381	2.70	0s:5ms
89	10.50049181	10.71444133	0.2139495163	2.04	0s:5ms
90	10.54606918	10.71444133	0.1683721529	1.60	0s:5ms
91	10.56677223	10.8488578	0.2820855683	2.67	0s:5ms
92	10.68464585	10.8488578	0.1642119539	1.54	0s:5ms
93	10.7333526	10.97505539	0.2417027933	2.25	0s:6ms
94	10.77803216	10.97505539	0.1970232333	1.83	0s:6ms
95	10.84020502	11.12553963	0.2853346097	2.63	0s:6ms
96	10.88320276	11.13086122	0.2476584589	2.28	0s:6ms
97	10.93859011	11.15326389	0.2146737787	1.96	0s:6ms
98	10.97938313	11.19403587	0.2146527432	1.96	0s:6ms
99	11.03314115	11.22161834	0.1884771882	1.71	0s:7ms
100	11.08214972	11.22161834	0.1394686153	1.26	0s:6ms
101	11.14693358	11.26320288	0.1162693035	1.04	0s:7ms
102	11.19686347	11.26320288	0.0663394061	0.59	0s:7ms
103	11.26514357	11.63188775	0.3667441799	3.26	0s:7ms
104	11.31765857	11.63188775	0.3142291794	2.78	0s:7ms
105	11.36265961	11.64994408	0.2872844628	2.53	0s:7ms
106	11.42183437	11.66546136	0.2436269984	2.13	0s:8ms
107	11.47205184	11.81665383	0.3446019890	3.00	0s:8ms
108	11.52401613	11.81665383	0.2926376924	2.54	0s:8ms
109	11.56211907	11.92957553	0.3674564606	3.18	0s:9ms
110	11.61686155	11.92957553	0.3127139813	2.69	0s:8ms
111	11.66281118	11.92957553	0.2667643471	2.29	0s:8ms
112	11.70527453	11.9658561	0.2605815733	2.23	0s:8ms
113	11.74752812	11.9658561	0.2183279773	1.86	0s:8ms
114	11.79517336	11.98886264	0.1936892723	1.64	0s:8ms
115	11.83947401	11.98886264	0.1493886270	1.26	0s:8ms
116	11.8967045	12.13552873	0.2388242253	2.01	0s:9ms
117	11.94347554	12.13552873	0.1920531894	1.61	0s:9ms
118	11.98555105	12.13552873	0.1499776793	1.25	0s:9ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
119	12.04233444	12.13552873	0.0931942818	0.77	0s:9ms
120	12.08521246	12.13552873	0.0503162657	0.42	0s:9ms
121	12.12480308	12.13552873	0.0107256438	0.09	0s:10ms
122	12.20437481	12.63447234	0.4300975333	3.52	0s:10ms
123	12.27639991	12.63447234	0.3580724360	2.92	0s:10ms
124	12.32170832	12.63447234	0.3127640297	2.54	0s:10ms
125	12.36822532	12.63447234	0.2662470242	2.15	0s:10ms
126	12.41746396	12.68969036	0.2722264047	2.19	0s:10ms
127	12.46154951	12.70722322	0.2456737087	1.97	0s:11ms
128	12.50231007	12.71696195	0.2146518746	1.72	0s:10ms
129	12.55371782	12.81290741	0.2591895937	2.06	0s:10ms
130	12.60231894	12.82320937	0.2208904318	1.75	0s:11ms
131	12.64962046	12.86321118	0.2135907194	1.69	0s:11ms
132	12.68743679	12.88035594	0.1929191444	1.52	0s:11ms
133	12.73527309	12.93097529	0.1957021974	1.54	0s:11ms
134	12.77144624	12.96281983	0.1913735928	1.50	0s:11ms
135	12.81425477	13.01998336	0.2057285896	1.61	0s:11ms
136	12.86575955	13.1445461	0.2787865503	2.17	0s:12ms
137	12.91472542	13.1445461	0.2298206845	1.78	0s:11ms
138	12.96270261	13.19010416	0.2274015529	1.75	0s:11ms
139	13.00898724	13.19010416	0.1811169203	1.39	0s:12ms
140	13.06109722	13.22020185	0.1591046380	1.22	0s:12ms
141	13.10725529	13.22020185	0.1129465583	0.86	0s:12ms
142	13.14641163	13.45427009	0.3078584670	2.34	0s:12ms
143	13.19740082	13.53240697	0.3350061461	2.54	0s:12ms
144	13.24778923	13.53240697	0.2846177460	2.15	0s:14ms
145	13.27666863	13.60654706	0.3298784325	2.48	0s:13ms
145	13.27666863	13.60654706	0.3298784325	2.48	0s:12ms
146	13.33123377	13.62682348	0.2955897137	2.22	0s:12ms
147	13.35711249	13.62682348	0.2697109871	2.02	0s:13ms
148	13.38693936	13.66227994	0.2753405870	2.06	0s:13ms
149	13.43554852	13.66227994	0.2267314239	1.69	0s:13ms
150	13.46080637	13.69673582	0.2359294533	1.75	0s:13ms
151	13.47619151	13.69673582	0.2205443160	1.64	0s:15ms
152	13.53175848	13.77659898	0.2448404961	1.81	0s:13ms
153	13.59153669	13.78471884	0.1931821527	1.42	0s:13ms
154	13.63741886	13.83517111	0.1977522477	1.45	0s:14ms
155	13.67370864	13.83517111	0.1614624670	1.18	0s:14ms
156	13.71960004	13.90854729	0.1889472498	1.38	0s:15ms
157	13.7729919	13.94278065	0.1697887489	1.23	0s:16ms
158	13.82322592	14.16993869	0.3467127743	2.51	0s:15ms
159	13.86419359	14.16993869	0.3057451022	2.21	0s:15ms
160	13.92053861	14.23855201	0.3180133934	2.28	0s:15ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
161	13.96940027	14.23855201	0.2691517380	1.93	0s:15ms
162	14.01132852	14.23855201	0.2272234892	1.62	0s:15ms
163	14.06962022	14.35514882	0.2855286038	2.03	0s:15ms
164	14.11070005	14.37576869	0.2650686416	1.88	0s:15ms
165	14.14433929	14.37576869	0.2314293960	1.64	0s:15ms
166	14.18567842	14.37576869	0.1900902682	1.34	0s:16ms
167	14.22039449	14.41946521	0.1990707163	1.40	0s:15ms
168	14.25953554	14.42606641	0.1665308745	1.17	0s:15ms
169	14.29535823	14.46138053	0.1660223052	1.16	0s:15ms
170	14.33154972	14.46358601	0.1320362831	0.92	0s:17ms
171	14.36766145	14.51472989	0.1470684378	1.02	0s:16ms
172	14.41677608	14.54695538	0.1301792938	0.90	0s:17ms
173	14.45134144	14.61371857	0.1623771350	1.12	0s:16ms
174	14.49284884	14.61371857	0.1208697323	0.83	0s:16ms
175	14.5365406	14.81122732	0.2746867150	1.89	0s:17ms
176	14.57413565	14.81122732	0.2370916620	1.63	0s:18ms
177	14.61719415	14.8572605	0.2400663481	1.64	0s:17ms
178	14.65881422	14.8572605	0.1984462788	1.35	0s:18ms
179	14.70229336	14.91797307	0.2156797048	1.47	0s:18ms
180	14.74287804	15.04283402	0.2999559879	2.03	0s:18ms
181	14.78082966	15.04283402	0.2620043665	1.77	0s:18ms
182	14.81893063	15.04790613	0.2289755007	1.55	0s:18ms
183	14.86939906	15.10693387	0.2375348078	1.60	0s:18ms
184	14.90547258	15.11475602	0.2092834333	1.40	0s:19ms
185	14.93814484	15.17744688	0.2393020433	1.60	0s:19ms
186	14.96118568	15.17744688	0.2162611938	1.45	0s:19ms
187	14.9892697	15.32488981	0.3356201050	2.24	0s:19ms
188	15.02878273	15.40486496	0.3760822201	2.50	0s:19ms
189	15.06968057	15.43572716	0.3660465905	2.43	0s:19ms
190	15.1036015	15.44005747	0.3364559612	2.23	0s:19ms
191	15.14235753	15.48132591	0.3389683765	2.24	0s:19ms
192	15.16943521	15.50646408	0.3370288641	2.22	0s:20ms
193	15.1993745	15.52160461	0.3222301149	2.12	0s:19ms
194	15.24975359	15.54379912	0.2940455313	1.93	0s:20ms
195	15.28717217	15.54379912	0.2566269488	1.68	0s:20ms
196	15.32307983	15.57695217	0.2538723430	1.66	0s:23ms
197	15.36897529	15.57695217	0.2079768775	1.35	0s:21ms
198	15.39120786	15.6619408	0.2707329442	1.76	0s:20ms
199	15.40226042	15.70238076	0.3001203443	1.95	0s:20ms
200	15.46327488	15.75119643	0.2879215524	1.86	0s:22ms
201	15.52041905	15.75717041	0.2367513623	1.53	0s:21ms
202	15.56984591	15.78358344	0.2137375281	1.37	0s:22ms
203	15.61256714	15.79239044	0.1798232911	1.15	0s:22ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
204	15.65265	15.87616468	0.2235146782	1.43	0s:22ms
205	15.70904367	15.90805152	0.1990078502	1.27	0s:22ms
206	15.73679993	16.02699046	0.2901905323	1.84	0s:22ms
207	15.77027166	16.03570302	0.2654313545	1.68	0s:23ms
208	15.8119853	16.061661	0.2496756960	1.58	0s:23ms
209	15.84426775	16.07020607	0.2259383216	1.43	0s:22ms
210	15.87920128	16.14931768	0.2701164021	1.70	0s:23ms
211	15.90251249	16.17516769	0.2726551990	1.71	0s:23ms
212	15.93742163	16.20271056	0.2652889299	1.66	0s:24ms
213	15.97025629	16.25817594	0.2879196458	1.80	0s:23ms
214	16.01876322	16.25817594	0.2394127200	1.49	0s:24ms
215	16.0508285	16.28243481	0.2316063037	1.44	0s:23ms
216	16.08740765	16.29594673	0.2085390788	1.30	0s:23ms
217	16.11937035	16.29594673	0.1765763824	1.10	0s:23ms
218	16.15101981	16.29594673	0.1449269214	0.90	0s:24ms
219	16.16915511	16.29594673	0.1267916179	0.78	0s:24ms
220	16.22537355	16.39890905	0.1735355029	1.07	0s:24ms
221	16.26187398	16.41404098	0.1521669905	0.94	0s:24ms
222	16.29969623	16.44272409	0.1430278592	0.88	0s:25ms
223	16.33782231	16.47013584	0.1323135341	0.81	0s:25ms
224	16.37189924	16.53490693	0.1630076895	1.00	0s:25ms
225	16.40905428	16.53490693	0.1258526511	0.77	0s:26ms
226	16.4500195	16.84505739	0.3950378860	2.40	0s:26ms
227	16.49440001	16.84505739	0.3506573786	2.13	0s:26ms
228	16.52734087	16.84505739	0.3177165176	1.92	0s:27ms
229	16.56637798	16.90713793	0.3407599459	2.06	0s:26ms
230	16.59643007	16.90713793	0.3107078549	1.87	0s:27ms
231	16.64007833	16.90713793	0.2670596006	1.60	0s:27ms
232	16.6694572	16.90713793	0.2376807315	1.43	0s:29ms
233	16.69482994	16.94447774	0.2496478010	1.50	0s:28ms
234	16.70633588	16.95735314	0.2510172530	1.50	0s:27ms
235	16.71257579	17.06514106	0.3525652777	2.11	0s:27ms
236	16.77473875	17.08468838	0.3099496317	1.85	0s:27ms
237	16.8021455	17.09924013	0.2970946278	1.77	0s:27ms
238	16.82711344	17.11315347	0.2860400375	1.70	0s:28ms
239	16.8638433	17.11972761	0.2558843105	1.52	0s:28ms
240	16.89716589	17.14963914	0.2524732415	1.49	0s:29ms
241	16.91506458	17.19284519	0.2777806080	1.64	0s:29ms
242	16.96213299	17.19284519	0.2307122056	1.36	0s:28ms
243	17.00406525	17.20624054	0.2021752893	1.19	0s:28ms
244	17.03971946	17.20624054	0.1665210751	0.98	0s:29ms
245	17.07936582	17.25299972	0.1736339056	1.02	0s:30ms
246	17.11399822	17.25299972	0.1390015009	0.81	0s:29ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
247	17.14108242	17.37070554	0.2296231198	1.34	0s:29ms
248	17.1844471	17.37070554	0.1862584405	1.08	0s:30ms
249	17.22043174	17.37070554	0.1502738087	0.87	0s:31ms
250	17.26296224	17.37070554	0.1077433044	0.62	0s:29ms
251	17.30524562	17.37070554	0.0654599280	0.38	0s:30ms
252	17.33124557	17.37070554	0.0394599744	0.23	0s:30ms
253	17.34595632	17.37070554	0.0247492211	0.14	0s:34ms
254	17.40073461	17.72628456	0.3255499472	1.87	0s:31ms
255	17.45420069	17.72628456	0.2720838623	1.56	0s:31ms
256	17.49431064	17.83431838	0.3400077339	1.94	0s:32ms
257	17.52384971	17.83431838	0.3104686613	1.77	0s:31ms
258	17.54788053	17.83431838	0.2864378459	1.63	0s:32ms
259	17.58045618	17.89235924	0.3119030511	1.77	0s:32ms
260	17.60495519	17.89235924	0.2874040427	1.63	0s:33ms
261	17.63486223	17.9251747	0.2903124626	1.65	0s:33ms
262	17.66292496	17.94143848	0.2785135193	1.58	0s:32ms
263	17.69335955	17.94143848	0.2480789299	1.40	0s:33ms
264	17.70137393	17.95759417	0.2562202428	1.45	0s:33ms
265	17.7415389	17.95759417	0.2160552668	1.22	0s:33ms
266	17.77885259	18.07030174	0.2914491475	1.64	0s:33ms
267	17.79765706	18.07184367	0.2741866116	1.54	0s:33ms
268	17.83208671	18.08785105	0.2557643385	1.43	0s:33ms
269	17.86355275	18.08997918	0.2264264364	1.27	0s:34ms
270	17.88726567	18.1410252	0.2537595292	1.42	0s:33ms
271	17.93019222	18.17815527	0.2479630479	1.38	0s:35ms
272	17.96193327	18.17815527	0.2162219991	1.20	0s:34ms
273	17.99645905	18.19738352	0.2009244751	1.12	0s:34ms
274	18.03474381	18.19738352	0.1626397161	0.90	0s:34ms
275	18.06425714	18.22469348	0.1604363361	0.89	0s:38ms
276	18.10673717	18.22807547	0.1213383015	0.67	0s:36ms
277	18.14248652	18.35352092	0.2110344035	1.16	0s:35ms
278	18.1898045	18.36560897	0.1758044736	0.97	0s:35ms
279	18.22406863	18.39308612	0.1690174900	0.93	0s:36ms
280	18.24722674	18.42182539	0.1745986496	0.96	0s:36ms
281	18.28450484	18.54148522	0.2569803760	1.41	0s:36ms
282	18.31575435	18.54148522	0.2257308735	1.23	0s:38ms
283	18.34094245	18.64160813	0.3006656838	1.64	0s:37ms
284	18.35945664	18.64160813	0.2821514903	1.54	0s:37ms
285	18.41454861	18.64160813	0.2270595172	1.23	0s:36ms
286	18.43431526	18.64160813	0.2072928719	1.12	0s:38ms
287	18.46882375	18.69180601	0.2229822635	1.21	0s:37ms
288	18.49484494	18.69180601	0.1969610724	1.06	0s:38ms
289	18.51160209	18.84293615	0.3313340577	1.79	0s:37ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
290	18.54937507	18.84293615	0.2935610773	1.58	0s:38ms
291	18.56735145	18.93963349	0.3722820378	2.01	0s:40ms
292	18.59717979	18.96060504	0.3634252459	1.95	0s:38ms
293	18.6233667	18.96060504	0.3372383382	1.81	0s:38ms
294	18.64624805	18.96060504	0.3143569873	1.69	0s:40ms
295	18.65521752	18.98816179	0.3329442655	1.78	0s:39ms
296	18.70496337	19.00045724	0.2954938732	1.58	0s:40ms
297	18.73105349	19.01733033	0.2862768401	1.53	0s:41ms
298	18.75953518	19.03256314	0.2730279623	1.46	0s:39ms
299	18.7862829	19.03256314	0.2462802412	1.31	0s:40ms
300	18.81358336	19.08109305	0.2675096873	1.42	0s:42ms
301	18.84397927	19.12740669	0.2834274119	1.50	0s:40ms
302	18.89568296	19.13265472	0.2369717562	1.25	0s:39ms
303	18.93628611	19.14688783	0.2106017182	1.11	0s:40ms
304	18.97332718	19.14688783	0.1735606490	0.91	0s:40ms
305	19.01090894	19.2032964	0.1923874683	1.01	0s:40ms
306	19.03306942	19.2032964	0.1702269808	0.89	0s:40ms
307	19.0638816	19.33030278	0.2664211780	1.40	0s:41ms
308	19.1216802	19.33030278	0.2086225803	1.09	0s:41ms
309	19.14674924	19.33030278	0.1835535413	0.96	0s:42ms
310	19.18485946	19.33030278	0.1454433166	0.76	0s:42ms
311	19.21138641	19.33030278	0.1189163747	0.62	0s:42ms
312	19.2347731	19.33030278	0.0955296845	0.50	0s:44ms
313	19.25926401	19.33030278	0.0710387712	0.37	0s:44ms
314	19.28808325	19.69442381	0.4063405523	2.11	0s:43ms
315	19.30230068	19.69442381	0.3921231302	2.03	0s:43ms
316	19.33502943	19.73026045	0.3952310252	2.04	0s:43ms
317	19.37521147	19.7348093	0.3595978315	1.86	0s:44ms
318	19.40700424	19.7348093	0.3278050597	1.69	0s:43ms
319	19.43299257	19.7348093	0.3018167356	1.55	0s:45ms
320	19.45623076	19.80458365	0.3483528854	1.79	0s:45ms
321	19.49295474	19.81189207	0.3189373339	1.64	0s:44ms
322	19.52913907	19.81189207	0.2827530028	1.45	0s:45ms
323	19.554077	19.82625958	0.2721825740	1.39	0s:44ms
324	19.57745997	19.82625958	0.2487996089	1.27	0s:45ms
325	19.60180362	19.84030353	0.2384999079	1.22	0s:45ms
326	19.6279753	19.8862591	0.2582838008	1.32	0s:45ms
327	19.64918099	19.90899714	0.2598161534	1.32	0s:46ms
328	19.67699371	19.97059166	0.2935979544	1.49	0s:45ms
329	19.70541979	20.00837366	0.3029538793	1.54	0s:45ms
330	19.73325206	20.01547278	0.2822207123	1.43	0s:48ms
331	19.76128254	20.0332684	0.2719858681	1.38	0s:46ms
332	19.7942171	20.0332684	0.2390513057	1.21	0s:47ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
333	19.82293818	20.0332684	0.2103302219	1.06	0s:47ms
334	19.85551331	20.09667202	0.2411587173	1.21	0s:46ms
335	19.88517406	20.13950611	0.2543320470	1.28	0s:46ms
336	19.91968942	20.13950611	0.2198166874	1.10	0s:48ms
337	19.95040762	20.16400948	0.2136018614	1.07	0s:49ms
338	19.99116789	20.29660885	0.3054409576	1.53	0s:49ms
339	20.02928386	20.33174237	0.3024585082	1.51	0s:49ms
340	20.05932081	20.36069426	0.3013734520	1.50	0s:48ms
341	20.09090263	20.36069426	0.2697916300	1.34	0s:48ms
342	20.10709052	20.36069426	0.2536037417	1.26	0s:48ms
343	20.113251	20.4453968	0.3321458043	1.65	0s:52ms
344	20.16183876	20.46730463	0.3054658683	1.52	0s:48ms
345	20.17491657	20.52304634	0.3481297710	1.73	0s:48ms
346	20.19645206	20.54608878	0.3496367228	1.73	0s:53ms
347	20.22259973	20.54608878	0.3234890550	1.60	0s:49ms
348	20.23529115	20.54895489	0.3136637399	1.55	0s:50ms
349	20.24140867	20.54895489	0.3075462201	1.52	0s:50ms
350	20.29913557	20.54895489	0.2498193221	1.23	0s:49ms
351	20.33113341	20.58967786	0.2585444482	1.27	0s:50ms
352	20.36551938	20.58967786	0.2241584838	1.10	0s:51ms
353	20.39218489	20.58967786	0.1974929744	0.97	0s:51ms
354	20.41501768	20.58967786	0.1746601760	0.86	0s:50ms
355	20.44173301	20.6505301	0.2087970961	1.02	0s:50ms
356	20.47822582	20.65684098	0.1786151645	0.87	0s:51ms
357	20.50266371	20.70015732	0.1974936128	0.96	0s:51ms
358	20.53456021	20.76967973	0.2351195230	1.14	0s:51ms
359	20.56397405	20.82356078	0.2595867289	1.26	0s:56ms
360	20.58452432	20.84615385	0.2616295252	1.27	0s:53ms
361	20.59650758	20.84615385	0.2496462636	1.21	0s:55ms
362	20.64408116	20.84615385	0.2020726853	0.98	0s:53ms
363	20.67096377	20.85731415	0.1863503805	0.90	0s:54ms
364	20.69827407	20.8973585	0.1990844270	0.96	0s:55ms
365	20.72738558	20.99467385	0.2672882681	1.29	0s:55ms
366	20.75636815	20.99467385	0.2383056982	1.15	0s:56ms
367	20.78523654	21.01910543	0.2338688893	1.13	0s:54ms
368	20.83359765	21.03297282	0.1993751710	0.96	0s:57ms
369	20.86767567	21.03297282	0.1652971527	0.79	0s:57ms
370	20.90325696	21.11897793	0.2157209713	1.03	0s:56ms
371	20.93161439	21.17878567	0.2471712776	1.18	0s:59ms
372	20.94728526	21.17878567	0.2315004055	1.11	0s:57ms
373	20.9775733	21.29174961	0.3141763042	1.50	0s:58ms
374	21.00128263	21.29174961	0.2904669791	1.38	0s:57ms
375	21.02474451	21.31745675	0.2927122353	1.39	0s:56ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
376	21.03852531	21.31745675	0.2789314395	1.33	0s:59ms
377	21.06702893	21.3415284	0.2744994723	1.30	0s:59ms
378	21.09021454	21.3415284	0.2513138589	1.19	0s:60ms
379	21.11638917	21.43793492	0.3215457488	1.52	0s:61ms
380	21.13913555	21.43793492	0.2987993703	1.41	0s:57ms
381	21.16858365	21.43793492	0.2693512715	1.27	0s:58ms
382	21.18942056	21.44070657	0.2512860100	1.19	0s:61ms
383	21.22400767	21.49850606	0.2744983936	1.29	0s:60ms
384	21.26000509	21.49850606	0.2385009653	1.12	0s:59ms
385	21.29761634	21.55684318	0.2592268400	1.22	0s:62ms
386	21.3278225	21.55684318	0.2290206864	1.07	0s:60ms
387	21.34787868	21.62011411	0.2722354323	1.28	0s:60ms
388	21.36789735	21.62444118	0.2565438345	1.20	0s:59ms
389	21.40074691	21.62444118	0.2236942758	1.05	0s:61ms
390	21.42840416	21.66453015	0.2361259844	1.10	0s:61ms
391	21.45407138	21.69331615	0.2392447704	1.12	0s:60ms
392	21.47992587	21.69331615	0.2133902834	0.99	0s:60ms
393	21.50591419	21.74029362	0.2343794346	1.09	0s:64ms
394	21.52930365	21.74029362	0.2109899704	0.98	0s:61ms
395	21.56202865	21.74769638	0.1856677248	0.86	0s:61ms
396	21.58877214	21.74966208	0.1608899428	0.75	0s:62ms
397	21.61887288	21.82519987	0.2063269933	0.95	0s:63ms
398	21.6378488	21.82610208	0.1882532830	0.87	0s:64ms
399	21.66300139	21.90476642	0.2417650341	1.12	0s:66ms
400	21.6895718	21.90476642	0.2151946293	0.99	0s:64ms
401	21.71428608	22	0.2857139249	1.32	0s:62ms
402	21.73306216	22	0.2669378423	1.23	0s:66ms
403	21.76962826	22	0.2303717363	1.06	0s:64ms
404	21.80581034	22	0.1941896550	0.89	0s:64ms
405	21.82356451	22	0.1764354888	0.81	0s:64ms
406	21.8421497	22	0.1578502978	0.72	0s:67ms
407	21.86165739	22.13364879	0.2719914026	1.24	0s:64ms
408	21.87529786	22.18301595	0.3077180888	1.41	0s:65ms
409	21.88837664	22.18301595	0.2946393112	1.35	0s:64ms
410	21.92181476	22.21107361	0.2892588463	1.32	0s:65ms
411	21.94291118	22.2994296	0.3565184225	1.62	0s:65ms
412	21.96012321	22.32101311	0.3608899027	1.64	0s:65ms
413	21.98727513	22.32101311	0.3337379749	1.52	0s:68ms
414	22.00760772	22.36756008	0.3599523609	1.64	0s:70ms
415	22.02893455	22.36756008	0.3386255274	1.54	0s:67ms
416	22.0574473	22.38609044	0.3286431393	1.49	0s:67ms
417	22.08033214	22.40701653	0.3266843897	1.48	0s:71ms
418	22.10202942	22.40701653	0.3049871131	1.38	0s:66ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
419	22.11866071	22.42664798	0.3079872696	1.39	0s:70ms
420	22.13541184	22.42664798	0.2912361393	1.32	0s:71ms
421	22.13968298	22.46317682	0.3234938376	1.46	0s:68ms
422	22.21669554	22.52805295	0.3113574116	1.40	0s:71ms
423	22.25394429	22.52805295	0.2741086579	1.23	0s:68ms
424	22.28896328	22.52805295	0.2390896697	1.07	0s:68ms
425	22.31349735	22.59797658	0.2844792281	1.27	0s:67ms
426	22.34477433	22.59797658	0.2532022545	1.13	0s:67ms
427	22.37259389	22.59797658	0.2253826926	1.01	0s:69ms
428	22.39871068	22.59797658	0.1992659021	0.89	0s:69ms
429	22.42893194	22.63661828	0.2076863380	0.93	0s:69ms
430	22.45787432	22.71491227	0.2570379537	1.14	0s:77ms
431	22.49318171	22.75870266	0.2655209486	1.18	0s:71ms
432	22.52241466	22.78378378	0.2613691256	1.16	0s:71ms
433	22.53767161	22.82631792	0.2886463081	1.28	0s:71ms
434	22.58323628	22.81395349	0.2307172053	1.02	0s:72ms
435	22.60681309	22.82631792	0.2195048232	0.97	0s:76ms
436	22.62763783	22.94949708	0.3218592441	1.42	0s:74ms
437	22.658228	22.94949708	0.2912690760	1.29	0s:72ms
438	22.67472111	22.94949708	0.2747759614	1.21	0s:78ms
439	22.70255284	22.97421469	0.2716618452	1.20	0s:76ms
440	22.72172526	22.9918728	0.2701475385	1.19	0s:72ms
441	22.74767926	23.07743947	0.3297602015	1.45	0s:74ms
442	22.77367268	23.07743947	0.3037667824	1.33	0s:77ms
443	22.794485	23.07743947	0.2829544680	1.24	0s:74ms
444	22.81350264	23.16635288	0.3528502398	1.55	0s:77ms
445	22.83916388	23.16635288	0.3271890024	1.43	0s:77ms
446	22.8608195	23.18228481	0.3214653096	1.41	0s:74ms
447	22.88511296	23.18990884	0.3047958816	1.33	0s:78ms
448	22.91212606	23.18990884	0.2777827798	1.21	0s:76ms
449	22.9297816	23.21726014	0.2874785462	1.25	0s:79ms
450	22.95074081	23.21726014	0.2665193325	1.16	0s:75ms
451	22.97358941	23.26262207	0.2890326575	1.26	0s:75ms
452	22.99291855	23.32104093	0.3281223706	1.43	0s:76ms
453	23.00433567	23.33982256	0.3354868866	1.46	0s:76ms
454	23.05246337	23.34731105	0.2948476836	1.28	0s:78ms
455	23.07447853	23.35825976	0.2837812268	1.23	0s:75ms
456	23.10276332	23.35825976	0.2554964341	1.11	0s:79ms
457	23.12925969	23.36537614	0.2361164487	1.02	0s:78ms
458	23.14935024	23.4155135	0.2661632603	1.15	0s:78ms
459	23.1717188	23.4155135	0.2437947025	1.05	0s:79ms
460	23.21434837	23.4155135	0.2011651284	0.87	0s:77ms
461	23.2418786	23.46057643	0.2186978345	0.94	0s:78ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
462	23.27049304	23.46057643	0.1900833865	0.82	0s:79ms
463	23.29888619	23.46057643	0.1616902454	0.69	0s:80ms
464	23.32219419	23.46421681	0.1420226229	0.61	0s:80ms
465	23.34311461	23.47988939	0.1367747800	0.59	0s:79ms
466	23.36795987	23.60793779	0.2399779257	1.03	0s:81ms
467	23.38864646	23.61873369	0.2300872326	0.98	0s:79ms
468	23.419495	23.65026415	0.2307691562	0.99	0s:80ms
469	23.44727847	23.6787878	0.2315093365	0.99	0s:84ms
470	23.46972552	23.74258017	0.2728546492	1.16	0s:81ms
471	23.49452305	23.78034063	0.2858175854	1.22	0s:84ms
472	23.51245646	23.78034063	0.2678841693	1.14	0s:82ms
473	23.54596907	23.78034063	0.2343715664	1.00	0s:84ms
474	23.56558248	23.78034063	0.2147581520	0.91	0s:81ms
475	23.57523843	23.79408362	0.2188451820	0.93	0s:82ms
476	23.60082119	23.79408362	0.1932624225	0.82	0s:84ms
477	23.609386	23.8939089	0.2845229001	1.21	0s:85ms
478	23.62223072	23.8939089	0.2716781846	1.15	0s:83ms
479	23.63355796	23.91287847	0.2793205125	1.18	0s:85ms
480	23.64206585	23.91287847	0.2708126228	1.15	0s:84ms
481	23.6456412	23.94736842	0.3017272256	1.28	0s:86ms
482	23.69865308	24	0.3013469219	1.27	0s:85ms
483	23.72130809	24.08728899	0.3659809068	1.54	0s:85ms
484	23.74096882	24.08786066	0.3468918348	1.46	0s:85ms
485	23.76470243	24.15787342	0.3931709949	1.65	0s:85ms
486	23.78345991	24.18117999	0.3977200741	1.67	0s:90ms
487	23.80654961	24.18117999	0.3746303789	1.57	0s:87ms
488	23.83568779	24.18117999	0.3454921995	1.45	0s:92ms
489	23.84854747	24.21586898	0.3673215135	1.54	0s:87ms
490	23.8692541	24.24517941	0.3759253123	1.57	0s:88ms
491	23.89692262	24.25549332	0.3585707057	1.50	0s:90ms
492	23.92376434	24.28702888	0.3632645440	1.52	0s:87ms
493	23.94224793	24.28702888	0.3447809580	1.44	0s:89ms
494	23.96682836	24.28702888	0.3202005251	1.34	0s:90ms
495	23.98999405	24.33288393	0.3428898770	1.43	0s:88ms
496	24.0126644	24.35316343	0.3404990302	1.42	0s:90ms
497	24.04881334	24.35316343	0.3043500918	1.27	0s:90ms
498	24.05994894	24.39121593	0.3312669892	1.38	0s:88ms
499	24.06252036	24.48805452	0.4255341594	1.77	0s:89ms
500	24.13293762	24.52429941	0.3913617858	1.62	0s:94ms
501	24.18074007	24.53432407	0.3535840017	1.46	0s:91ms
502	24.21651215	24.53432407	0.3178119183	1.31	0s:96ms
503	24.23982074	24.53432407	0.2945033228	1.21	0s:91ms
504	24.27111243	24.53432407	0.2632116331	1.08	0s:91ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
505	24.29334153	24.5369349	0.2435933770	1.00	0s:94ms
506	24.32520581	24.53911565	0.2139098343	0.88	0s:92ms
507	24.35703229	24.59324674	0.2362144542	0.97	0s:95ms
508	24.38230164	24.62147704	0.2391753924	0.98	0s:94ms
509	24.4106055	24.6334762	0.2228707067	0.91	0s:96ms
510	24.43656293	24.64451562	0.2079526859	0.85	0s:95ms
511	24.45390293	24.67929713	0.2253941990	0.92	0s:96ms
512	24.46976203	24.69067097	0.2209089449	0.90	0s:94ms
513	24.49446435	24.71434946	0.2198851114	0.90	0s:97ms
514	24.51893202	24.71434946	0.1954174380	0.80	0s:94ms
515	24.53529334	24.71434946	0.1790561182	0.73	0s:101ms
516	24.55583909	24.71434946	0.1585103739	0.65	0s:97ms
517	24.58068226	24.75176198	0.1710797232	0.70	0s:97ms
518	24.60132847	24.81236667	0.2110382057	0.86	0s:92ms
519	24.62453948	24.83555025	0.2110107720	0.86	0s:98ms
520	24.66095228	24.87322808	0.2122757977	0.86	0s:101ms
521	24.68107636	24.87322808	0.1921517248	0.78	0s:102ms
522	24.70128858	24.87322808	0.1719394962	0.70	0s:95ms
523	24.71943109	24.89669359	0.1772625078	0.72	0s:97ms
524	24.7352911	24.92563967	0.1903485640	0.77	0s:95ms
525	24.74984338	24.93774478	0.1879013946	0.76	0s:97ms
526	24.76247046	24.93774478	0.1752743124	0.71	0s:98ms
527	24.78222234	25.02762621	0.2454038733	0.99	0s:100ms
528	24.79379673	25.07703685	0.2832401263	1.14	0s:96ms
529	24.8300327	25.07703685	0.2470041499	0.99	0s:100ms
530	24.84823769	25.07703685	0.2287991669	0.92	0s:97ms
531	24.87092196	25.10314248	0.2322205165	0.93	0s:99ms
532	24.90092072	25.10860744	0.2076867233	0.83	0s:101ms
533	24.92556588	25.1577274	0.2321615279	0.93	0s:102ms
534	24.94497309	25.1577274	0.2127543155	0.85	0s:100ms
535	24.97191324	25.1577274	0.1858141605	0.74	0s:98ms
536	24.99664847	25.1577274	0.1610789356	0.64	0s:98ms
537	25.01802758	25.20902637	0.1909987896	0.76	0s:101ms
538	25.03857689	25.27081804	0.2322411516	0.93	0s:102ms
539	25.06665912	25.29589931	0.2292401829	0.91	0s:104ms
540	25.08843994	25.33613662	0.2476966835	0.99	0s:102ms
541	25.11775835	25.36187208	0.2441137328	0.97	0s:102ms
542	25.14459724	25.36995562	0.2253583827	0.90	0s:108ms
543	25.16322075	25.4339262	0.2707054447	1.08	0s:102ms
544	25.19162066	25.4339262	0.2423055357	0.96	0s:101ms
545	25.22586946	25.4492459	0.2233764342	0.89	0s:108ms
546	25.24412061	25.4492459	0.2051252859	0.81	0s:107ms
547	25.24866495	25.4958636	0.2471986584	0.98	0s:106ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
548	25.294833	25.50396793	0.2091349352	0.83	0s:106ms
549	25.31838047	25.58992395	0.2715434767	1.07	0s:108ms
550	25.33844847	25.58992395	0.2514754790	0.99	0s:106ms
551	25.36839557	25.65051679	0.2821212223	1.11	0s:105ms
552	25.38280102	25.65191619	0.2691151723	1.06	0s:107ms
553	25.3943412	25.65191619	0.2575749886	1.01	0s:108ms
554	25.409004	25.65447171	0.2454677108	0.97	0s:114ms
555	25.42015362	25.65447171	0.2343180931	0.92	0s:104ms
556	25.44516474	25.67831823	0.2331534840	0.92	0s:106ms
557	25.47012203	25.67831823	0.2081962022	0.82	0s:109ms
558	25.49218019	25.69331893	0.2011387463	0.79	0s:108ms
559	25.50123515	25.69331893	0.1920837823	0.75	0s:106ms
560	25.51678899	25.69331893	0.1765299410	0.69	0s:115ms
561	25.53067277	25.69331893	0.1626461641	0.64	0s:112ms
562	25.54356914	25.786261	0.2426918581	0.95	0s:108ms
563	25.56648679	25.78786027	0.2213734802	0.87	0s:114ms
564	25.57342118	25.80840001	0.2349788305	0.92	0s:108ms
565	25.57580631	25.81053204	0.2347257274	0.92	0s:109ms
566	25.61925946	25.84592201	0.2266625510	0.88	0s:112ms
567	25.65030866	25.89293949	0.2426308264	0.95	0s:111ms
568	25.67684526	25.89293949	0.2160942276	0.84	0s:117ms
569	25.7134726	25.89293949	0.1794668869	0.70	0s:108ms
570	25.72240858	25.9803014	0.2578928185	1.00	0s:112ms
571	25.74302234	26.00851066	0.2654883182	1.03	0s:112ms
572	25.78019754	26.0141875	0.2339899558	0.91	0s:115ms
573	25.79458168	26.01641334	0.2218316693	0.86	0s:110ms
574	25.81037039	26.02310569	0.2127353011	0.82	0s:115ms
575	25.82915411	26.02310569	0.1939515881	0.75	0s:118ms
576	25.87462896	26.0329095	0.1582805390	0.61	0s:117ms
577	25.902944	26.03489809	0.1319540889	0.51	0s:114ms
578	25.91959203	26.05992817	0.1403361429	0.54	0s:112ms
579	25.93850469	26.05992817	0.1214234818	0.47	0s:117ms
580	25.96232185	26.05992817	0.0976063207	0.38	0s:115ms
581	25.99802096	26.05992817	0.0619072073	0.24	0s:114ms
582	26.01561053	26.05992817	0.0443176432	0.17	0s:114ms
583	26.02436105	26.05992817	0.0355671180	0.14	0s:120ms
584	26.08189967	26.29073742	0.2088377480	0.80	0s:122ms
585	26.10267936	26.29073742	0.1880580540	0.72	0s:125ms
586	26.14955854	26.31063602	0.1610774846	0.62	0s:121ms
587	26.16369088	26.31962348	0.1559326055	0.60	0s:118ms
588	26.18281601	26.37620687	0.1933908557	0.74	0s:119ms
589	26.19903782	26.42270736	0.2236695450	0.85	0s:119ms
590	26.21054438	26.52822526	0.3176808821	1.21	0s:119ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
591	26.23247776	26.53164567	0.2991679048	1.14	0s:121ms
592	26.25001892	26.53871871	0.2886997855	1.10	0s:118ms
593	26.27541155	26.59250389	0.3170883872	1.21	0s:121ms
594	26.2943558	26.60512993	0.3107741332	1.18	0s:123ms
595	26.31310613	26.60874597	0.2956398414	1.12	0s:122ms
596	26.32472582	26.62006139	0.2953355641	1.12	0s:119ms
597	26.35427485	26.62006139	0.2657865335	1.01	0s:123ms
598	26.38363336	26.649373	0.2657396402	1.01	0s:129ms
599	26.40466829	26.68680507	0.2821367848	1.07	0s:122ms
600	26.42741627	26.68680507	0.2593888042	0.98	0s:127ms
601	26.45254662	26.68680507	0.2342584532	0.89	0s:123ms
602	26.47434204	26.68680507	0.2124630320	0.80	0s:125ms
603	26.49207318	26.74855408	0.2564809005	0.97	0s:120ms
604	26.5098087	26.75281413	0.2430054283	0.92	0s:122ms
605	26.53652747	26.75281413	0.2162866599	0.82	0s:123ms
606	26.5607288	26.76745336	0.2067245646	0.78	0s:126ms
607	26.58032773	26.76745336	0.1871256328	0.70	0s:124ms
608	26.60125296	26.78045529	0.1792023336	0.67	0s:123ms
609	26.62196311	26.78045529	0.1584921828	0.60	0s:132ms
610	26.63106	26.78209063	0.1510306276	0.57	0s:121ms
611	26.65218548	26.8383454	0.1861599167	0.70	0s:125ms
612	26.67564637	26.86241768	0.1867713167	0.70	0s:128ms
613	26.69701924	26.8749355	0.1779162689	0.67	0s:126ms
614	26.71659138	26.95286151	0.2362701245	0.88	0s:129ms
615	26.73520944	26.95286151	0.2176520679	0.81	0s:124ms
616	26.76458035	27.00697828	0.2423979281	0.91	0s:126ms
617	26.78848887	27.00697828	0.2184894076	0.82	0s:128ms
618	26.81351818	27.00697828	0.1934600935	0.72	0s:128ms
619	26.83625307	27.04409399	0.2078409211	0.77	0s:132ms
620	26.86188113	27.0673468	0.2054656766	0.76	0s:137ms
621	26.88413502	27.07098565	0.1868506235	0.70	0s:134ms
622	26.90216576	27.13472219	0.2325564231	0.86	0s:133ms
623	26.92575897	27.17275938	0.2470004103	0.92	0s:131ms
624	26.94984257	27.17275938	0.2229168089	0.83	0s:129ms
625	26.97157191	27.17275938	0.2011874625	0.75	0s:131ms
626	26.99177262	27.17275938	0.1809867554	0.67	0s:133ms
627	27.00057035	27.21102696	0.2104566033	0.78	0s:131ms
628	27.01424309	27.28687886	0.2726357697	1.01	0s:134ms
629	27.0298211	27.28687886	0.2570577560	0.95	0s:130ms
630	27.03400365	27.28687886	0.2528752075	0.94	0s:137ms
631	27.03628928	27.3358788	0.2995895210	1.11	0s:135ms
632	27.0814019	27.3358788	0.2544768998	0.94	0s:138ms
633	27.0942362	27.37263833	0.2784021222	1.03	0s:137ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
634	27.11127802	27.4695138	0.3582357727	1.32	0s:138ms
635	27.14137022	27.4695138	0.3281435741	1.21	0s:133ms
636	27.15483331	27.51015677	0.3553234538	1.31	0s:135ms
637	27.15915368	27.51971355	0.3605598658	1.33	0s:131ms
638	27.20700034	27.5279587	0.3209583608	1.18	0s:134ms
639	27.21320473	27.53206826	0.3188635222	1.17	0s:143ms
640	27.24195897	27.53206826	0.2901092857	1.06	0s:137ms
641	27.26749436	27.55654345	0.2890490906	1.06	0s:140ms
642	27.28441996	27.55654345	0.2721234920	1.00	0s:135ms
643	27.30645739	27.55654345	0.2500860592	0.92	0s:138ms
644	27.33765661	27.55654345	0.2188868433	0.80	0s:136ms
645	27.35935157	27.58378921	0.2244376383	0.82	0s:139ms
646	27.37362612	27.58589266	0.2122665438	0.78	0s:140ms
647	27.3863108	27.58589266	0.1995818602	0.73	0s:133ms
648	27.40426579	27.58589266	0.1816268700	0.66	0s:133ms
649	27.40645615	27.58589266	0.1794365100	0.65	0s:134ms
650	27.44582791	27.64006425	0.1942363478	0.71	0s:135ms
651	27.46522888	27.69476783	0.2295389509	0.84	0s:141ms
652	27.49826024	27.69476783	0.1965075869	0.71	0s:144ms
653	27.5258469	27.71578018	0.1899332881	0.69	0s:139ms
654	27.54708534	27.740223	0.1931376567	0.70	0s:137ms
655	27.5692732	27.74844463	0.1791714221	0.65	0s:141ms
656	27.57746273	27.7625546	0.1850918695	0.67	0s:138ms
657	27.60395991	27.81213578	0.2081758669	0.75	0s:144ms
658	27.63128521	27.82795066	0.1966654482	0.71	0s:138ms
659	27.64869559	27.84568312	0.1969875291	0.71	0s:143ms
660	27.66808917	27.90817651	0.2400873394	0.87	0s:142ms
661	27.69055499	27.94254642	0.2519914291	0.91	0s:153ms
662	27.7234436	27.97138797	0.2479443703	0.89	0s:143ms
663	27.74809119	27.98689528	0.2388040906	0.86	0s:141ms
664	27.7737279	27.98689528	0.2131673838	0.77	0s:148ms
665	27.79412249	27.98689528	0.1927727939	0.69	0s:143ms
666	27.82229216	28.00553517	0.1832430179	0.66	0s:151ms
667	27.85748053	28.00897563	0.1514951041	0.54	0s:144ms
668	27.87101472	28.05549852	0.1844837948	0.66	0s:143ms
669	27.886661	28.05549852	0.1688375208	0.61	0s:144ms
670	27.90686764	28.05549852	0.1486308730	0.53	0s:142ms
671	27.92015095	28.05549852	0.1353475682	0.48	0s:153ms
672	27.94177295	28.05549852	0.1137255644	0.41	0s:153ms
673	27.95968212	28.05549852	0.0958163941	0.34	0s:148ms
674	27.98538322	28.26982365	0.2844404286	1.02	0s:150ms
675	27.99782042	28.26982365	0.2720032322	0.97	0s:153ms
676	28.00768136	28.28742028	0.2797389221	1.00	0s:148ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
677	28.0279735	28.29457973	0.2666062289	0.95	0s:148ms
678	28.05459295	28.36640276	0.3118098087	1.11	0s:158ms
679	28.0768583	28.40100025	0.3241419569	1.15	0s:149ms
680	28.09519806	28.40100025	0.3058021946	1.09	0s:148ms
681	28.1133729	28.43204397	0.3186710644	1.13	0s:153ms
682	28.13657584	28.43204397	0.2954681289	1.05	0s:152ms
683	28.1488583	28.44674507	0.2978867718	1.06	0s:151ms
684	28.153339	28.45468995	0.3013509411	1.07	0s:149ms
685	28.17899206	28.45468995	0.2756978891	0.98	0s:156ms
686	28.18774224	28.51681572	0.3290734800	1.17	0s:153ms
687	28.20496384	28.52771573	0.3227518899	1.14	0s:150ms
688	28.22498213	28.52771573	0.3027335940	1.07	0s:161ms
689	28.23789708	28.54406055	0.3061634635	1.08	0s:157ms
690	28.24586554	28.54406055	0.2981950052	1.06	0s:156ms
691	28.2975103	28.5745942	0.2770839008	0.98	0s:150ms
692	28.32006281	28.59814902	0.2780862105	0.98	0s:157ms
693	28.34167812	28.59814902	0.2564709068	0.90	0s:151ms
694	28.35860028	28.61871309	0.2601128041	0.92	0s:154ms
695	28.38227913	28.61871309	0.2364339525	0.83	0s:153ms
696	28.40437441	28.6197054	0.2153309897	0.76	0s:158ms
697	28.42442271	28.67815023	0.2537275210	0.89	0s:151ms
698	28.45457929	28.67815023	0.2235709354	0.79	0s:160ms
699	28.4764372	28.67815023	0.2017130255	0.71	0s:159ms
700	28.49584432	28.67815023	0.1823059109	0.64	0s:161ms
701	28.51924162	28.6975892	0.1783475855	0.63	0s:157ms
702	28.54314321	28.6975892	0.1544459949	0.54	0s:156ms
703	28.56624839	28.73018812	0.1639397286	0.57	0s:155ms
704	28.58563053	28.73018812	0.1445575904	0.51	0s:159ms
705	28.60821591	28.78547732	0.1772614102	0.62	0s:157ms
706	28.62789325	28.80307897	0.1751857126	0.61	0s:162ms
707	28.65204259	28.92118537	0.2691427845	0.94	0s:156ms
708	28.67255571	28.92118537	0.2486296576	0.87	0s:157ms
709	28.68916076	28.96421785	0.2750570862	0.96	0s:156ms
710	28.71104332	29.0038737	0.2928303837	1.02	0s:156ms
711	28.73151192	29.0038737	0.2723617747	0.95	0s:161ms
712	28.7492505	29.00526292	0.2560124179	0.89	0s:158ms
713	28.75901123	29.00526292	0.2462516863	0.86	0s:159ms
714	28.77626007	29.00621528	0.2299552170	0.80	0s:159ms
715	28.78637208	29.04541201	0.2590399264	0.90	0s:165ms
716	28.80561302	29.04658204	0.2409690246	0.84	0s:157ms
717	28.81685203	29.04658204	0.2297300094	0.80	0s:169ms
718	28.82701423	29.04658204	0.2195678157	0.76	0s:163ms
719	28.84921825	29.05393903	0.2047207849	0.71	0s:165ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
720	28.85990894	29.0620614	0.2021524613	0.70	0s:166ms
721	28.86815704	29.16025568	0.2920986420	1.01	0s:165ms
722	28.90232109	29.16025568	0.2579345880	0.89	0s:169ms
723	28.9086701	29.16025568	0.2515855796	0.87	0s:169ms
724	28.92517388	29.16025568	0.2350818047	0.81	0s:173ms
725	28.95581137	29.34498221	0.3891708380	1.34	0s:163ms
726	28.96629373	29.34498221	0.3786884823	1.31	0s:159ms
727	28.96248484	29.34498221	0.3824973708	1.32	0s:161ms
728	29.01212686	29.34498221	0.3328553522	1.15	0s:161ms
729	29.02855838	29.36511542	0.3365570362	1.16	0s:162ms
730	29.03808894	29.36511542	0.3270264840	1.13	0s:165ms
731	29.06035182	29.38622514	0.3258733242	1.12	0s:160ms
732	29.085135	29.38622514	0.3010901403	1.04	0s:171ms
733	29.10978916	29.45470229	0.3449131313	1.18	0s:173ms
734	29.12500432	29.45470229	0.3296979699	1.13	0s:164ms
735	29.13804245	29.45503248	0.3169900253	1.09	0s:171ms
736	29.16757422	29.46987671	0.3023024835	1.04	0s:166ms
737	29.18855799	29.46987671	0.2813187178	0.96	0s:170ms
738	29.20400848	29.48128637	0.2772778951	0.95	0s:169ms
739	29.22585726	29.5029283	0.2770710306	0.95	0s:177ms
740	29.25016137	29.50721237	0.2570509938	0.88	0s:165ms
741	29.26733694	29.50721237	0.2398754335	0.82	0s:171ms
742	29.28231574	29.50721237	0.2248966322	0.77	0s:172ms
743	29.29896515	29.51478213	0.2158169843	0.74	0s:168ms
744	29.31586562	29.53088401	0.2150183844	0.73	0s:171ms
745	29.31651144	29.59991895	0.2834075064	0.97	0s:180ms
746	29.37244895	29.61567161	0.2432226620	0.83	0s:175ms
747	29.39687227	29.61567161	0.2187993400	0.74	0s:172ms
748	29.42224303	29.67871233	0.2564693022	0.87	0s:173ms
749	29.44242214	29.67871233	0.2362901919	0.80	0s:173ms
750	29.48068825	29.67871233	0.1980240792	0.67	0s:170ms
751	29.49645768	29.68523344	0.1887757633	0.64	0s:178ms
752	29.5245024	29.70382244	0.1793200408	0.61	0s:177ms
753	29.54412355	29.73604009	0.1919165370	0.65	0s:172ms
754	29.56578917	29.8452425	0.2794533310	0.95	0s:185ms
755	29.58641645	29.89123922	0.3048227714	1.03	0s:175ms
756	29.60270511	29.9158351	0.3131299894	1.06	0s:178ms
757	29.61287931	29.92944785	0.3165685372	1.07	0s:177ms
758	29.6326525	29.94370227	0.3110497670	1.05	0s:185ms
759	29.64571382	29.94660286	0.3008890373	1.01	0s:173ms
760	29.66110697	29.95424395	0.2931369818	0.99	0s:176ms
761	29.68418996	29.95536795	0.2711779955	0.91	0s:176ms
762	29.69899692	29.98198346	0.2829865390	0.95	0s:178ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
763	29.72077123	29.98648888	0.2657176501	0.89	0s:181ms
764	29.73495055	30.05167809	0.3167275432	1.07	0s:189ms
765	29.75508612	30.05167809	0.2965919682	1.00	0s:185ms
766	29.76949495	30.05167809	0.2821831398	0.95	0s:174ms
767	29.79333673	30.05167809	0.2583413587	0.87	0s:179ms
768	29.80852116	30.05167809	0.2431569352	0.82	0s:188ms
769	29.82922937	30.05167809	0.2224487264	0.75	0s:177ms
770	29.8480812	30.24545905	0.3973778452	1.33	0s:180ms
771	29.86091491	30.24545905	0.3845441440	1.29	0s:179ms
772	29.87948594	30.27156029	0.3920743502	1.31	0s:187ms
773	29.90178016	30.27350802	0.3717278606	1.24	0s:184ms
774	29.91754788	30.27350802	0.3559601374	1.19	0s:182ms
775	29.93548743	30.27350802	0.3380205821	1.13	0s:191ms
776	29.95660238	30.31348941	0.3568870230	1.19	0s:190ms
777	29.97408436	30.31348941	0.3394050471	1.13	0s:184ms
778	29.98934398	30.31455693	0.3252129513	1.08	0s:186ms
779	30.00184296	30.31707745	0.3152344913	1.05	0s:183ms
780	30.01880566	30.32137294	0.3025672860	1.01	0s:196ms
781	30.0278742	30.32137294	0.2934987388	0.98	0s:195ms
782	30.0477703	30.3639551	0.3161848009	1.05	0s:186ms
783	30.0491349	30.38490208	0.3357671765	1.12	0s:188ms
784	30.09193203	30.38490208	0.2929700462	0.97	0s:181ms
785	30.10423529	30.4085082	0.3042729088	1.01	0s:181ms
786	30.12259678	30.42778433	0.3051875454	1.01	0s:181ms
787	30.14674902	30.43955672	0.2928077067	0.97	0s:184ms
788	30.16675263	30.43955672	0.2728040892	0.90	0s:207ms
789	30.18374814	30.43955672	0.2558085858	0.85	0s:185ms
790	30.21959701	30.50260509	0.2830080797	0.94	0s:182ms
791	30.23621774	30.50260509	0.2663873437	0.88	0s:186ms
792	30.26621573	30.54502822	0.2788124915	0.92	0s:188ms
793	30.2813651	30.55640837	0.2750432660	0.91	0s:193ms
794	30.30269639	30.59905322	0.2963568324	0.98	0s:188ms
795	30.32770522	30.59976036	0.2720551404	0.90	0s:189ms
796	30.34807356	30.63006629	0.2819927308	0.93	0s:185ms
797	30.37556922	30.63006629	0.2544970673	0.84	0s:193ms
798	30.39072844	30.67427337	0.2835449263	0.93	0s:200ms
799	30.40913538	30.67427337	0.2651379899	0.87	0s:196ms
800	30.42121338	30.67818507	0.2569716883	0.84	0s:187ms
801	30.44618316	30.67818507	0.2320019027	0.76	0s:192ms
802	30.46013972	30.67818507	0.2180453470	0.72	0s:194ms
803	30.49318737	30.67818507	0.1849977007	0.61	0s:200ms
804	30.50177678	30.73548697	0.2337101883	0.77	0s:190ms
805	30.50492627	30.73548697	0.2305606954	0.76	0s:197ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
806	30.54441088	30.73548697	0.1910760823	0.63	0s:196ms
807	30.552422	30.73548697	0.1830649631	0.60	0s:186ms
808	30.56699506	30.74332866	0.1763336079	0.58	0s:198ms
809	30.59058345	30.74332866	0.1527452163	0.50	0s:189ms
810	30.60176597	30.77681777	0.1750518036	0.57	0s:201ms
811	30.60906613	30.79708735	0.1880212186	0.61	0s:194ms
812	30.63584679	30.86636905	0.2305222513	0.75	0s:191ms
813	30.64551782	30.86636905	0.2208512215	0.72	0s:195ms
814	30.65945929	30.86636905	0.2069097584	0.67	0s:203ms
815	30.68492932	30.86636905	0.1814397311	0.59	0s:194ms
816	30.69382054	30.86636905	0.1725485016	0.56	0s:209ms
817	30.69261543	30.86636905	0.1737536136	0.57	0s:194ms
818	30.72975592	30.93103448	0.2012785620	0.65	0s:206ms
819	30.73782718	30.93752175	0.1996945691	0.65	0s:203ms
820	30.76669088	30.95359671	0.1869058239	0.61	0s:204ms
821	30.78731317	31.06382868	0.2765155106	0.90	0s:198ms
822	30.79160667	31.06382868	0.2722220121	0.88	0s:198ms
823	30.79519259	31.06382868	0.2686360881	0.87	0s:204ms
824	30.82927536	31.06382868	0.2345533176	0.76	0s:196ms
825	30.85300569	31.07962536	0.2266196713	0.73	0s:205ms
826	30.86805171	31.07962536	0.2115736467	0.69	0s:206ms
827	30.88867848	31.09148717	0.2028086901	0.66	0s:195ms
828	30.90261647	31.09148717	0.1888707024	0.61	0s:195ms
829	30.92120227	31.09614494	0.1749426655	0.57	0s:209ms
830	30.94181176	31.13285519	0.1910434304	0.62	0s:201ms
831	30.95179255	31.13285519	0.1810626358	0.58	0s:205ms
832	30.97652105	31.17688897	0.2003679236	0.65	0s:195ms
833	30.99056254	31.17688897	0.1863264313	0.60	0s:208ms
834	31.01048212	31.20475716	0.1942750463	0.63	0s:199ms
835	31.02960446	31.2654919	0.2358874374	0.76	0s:209ms
836	31.05582553	31.2654919	0.2096663733	0.68	0s:209ms
837	31.07178877	31.2654919	0.1937031277	0.62	0s:209ms
838	31.08724121	31.2654919	0.1782506890	0.57	0s:207ms
839	31.11019595	31.2654919	0.1552959492	0.50	0s:206ms
840	31.12085764	31.2654919	0.1446342564	0.46	0s:207ms
841	31.14107449	31.2654919	0.1244174085	0.40	0s:206ms
842	31.15726154	31.2654919	0.1082303571	0.35	0s:209ms
843	31.17694922	31.2654919	0.0885426772	0.28	0s:206ms
844	31.19256307	31.2654919	0.0729288339	0.23	0s:219ms
845	31.20809362	31.2654919	0.0573982776	0.18	0s:206ms
846	31.22109529	31.2654919	0.0443966074	0.14	0s:206ms
847	31.22110372	31.2654919	0.0443881799	0.14	0s:214ms
848	31.31206727	31.52543785	0.2133705735	0.68	0s:213ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
849	31.32756718	31.52543785	0.1978706701	0.63	0s:232ms
850	31.35523534	31.54653575	0.1913004157	0.61	0s:223ms
851	31.37201321	31.56514597	0.1931327619	0.62	0s:215ms
852	31.38520134	31.61567731	0.2304759645	0.73	0s:215ms
853	31.40403192	31.6691757	0.2651437778	0.84	0s:227ms
854	31.41412878	31.7342629	0.3201341204	1.02	0s:221ms
855	31.43082559	31.7342629	0.3034373114	0.97	0s:221ms
856	31.44046132	31.7342629	0.2938015803	0.93	0s:229ms
857	31.46171342	31.75949457	0.2977811494	0.95	0s:222ms
858	31.47839224	31.76782982	0.2894375757	0.92	0s:233ms
859	31.49586149	31.77553025	0.2796687545	0.89	0s:210ms
860	31.51143508	31.78271508	0.2712800045	0.86	0s:229ms
861	31.53402208	31.78853495	0.2545128717	0.81	0s:224ms
862	31.55633435	31.85188995	0.2955556046	0.94	0s:219ms
863	31.5731795	31.85188995	0.2787104480	0.88	0s:219ms
864	31.58794511	31.85188995	0.2639448453	0.84	0s:221ms
865	31.61074121	31.86712544	0.2563842321	0.81	0s:221ms
866	31.63083379	31.86712544	0.2362916537	0.75	0s:224ms
867	31.64351013	31.86712544	0.2236153120	0.71	0s:228ms
868	31.65726361	31.89169848	0.2344348635	0.74	0s:221ms
869	31.6694694	31.89169848	0.2222290784	0.70	0s:217ms
870	31.68077237	31.89169848	0.2109261030	0.67	0s:223ms
871	31.70069307	31.93447928	0.2337862057	0.74	0s:224ms
872	31.71293325	31.93447928	0.2215460292	0.70	0s:227ms
873	31.72973708	31.94156049	0.2118234013	0.67	0s:231ms
874	31.75236697	31.99407789	0.2417109177	0.76	0s:235ms
875	31.7733079	32.00016743	0.2268595303	0.71	0s:227ms
876	31.79028837	32.00744983	0.2171614666	0.68	0s:229ms
877	31.80555414	32.02970942	0.2241552787	0.70	0s:230ms
878	31.82458918	32.02970942	0.2051202347	0.64	0s:224ms
879	31.8366949	32.0309306	0.1942357056	0.61	0s:225ms
880	31.85361388	32.04702079	0.1934069155	0.61	0s:222ms
881	31.87399598	32.05786986	0.1838738789	0.58	0s:223ms
882	31.88880308	32.11031159	0.2215085152	0.69	0s:225ms
883	31.909336	32.1408596	0.2315235960	0.73	0s:223ms
884	31.93596918	32.15717764	0.2212084655	0.69	0s:228ms
885	31.95182008	32.15717764	0.2053575637	0.64	0s:231ms
886	31.97103314	32.15717764	0.1861444973	0.58	0s:228ms
887	31.99338657	32.22755984	0.2341732777	0.73	0s:230ms
888	32.00911019	32.22755984	0.2184496544	0.68	0s:237ms
889	32.03047556	32.22755984	0.1970842863	0.62	0s:220ms
890	32.04824297	32.23994446	0.1917014915	0.60	0s:229ms
891	32.06860713	32.23994446	0.1713373357	0.53	0s:222ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
892	32.0884744	32.24897569	0.1605012906	0.50	0s:224ms
893	32.10963982	32.28084199	0.1712021660	0.53	0s:232ms
894	32.13281839	32.32283512	0.1900167310	0.59	0s:236ms
895	32.14917417	32.32283512	0.1736609516	0.54	0s:224ms
896	32.16611312	32.32283512	0.1567219991	0.49	0s:228ms
897	32.18414933	32.37010254	0.1859532090	0.58	0s:228ms
898	32.20646956	32.37010254	0.1636329756	0.51	0s:225ms
899	32.2281486	32.42027288	0.1921242749	0.60	0s:245ms
900	32.23308435	32.42027288	0.1871885214	0.58	0s:228ms
901	32.234462	32.47765835	0.2431963516	0.75	0s:235ms
902	32.26355178	32.47765835	0.2141065676	0.66	0s:230ms
903	32.27270574	32.52546296	0.2527572147	0.78	0s:232ms
904	32.28929543	32.54297785	0.2536824203	0.79	0s:232ms
905	32.29992081	32.54297785	0.2430570462	0.75	0s:232ms
906	32.30656518	32.56854627	0.2619810884	0.81	0s:230ms
907	32.31918148	32.62263209	0.3034506116	0.94	0s:246ms
908	32.34092586	32.6354315	0.2945056425	0.91	0s:231ms
909	32.35871554	32.6354315	0.2767159581	0.86	0s:232ms
910	32.36612582	32.66989681	0.3037709903	0.94	0s:232ms
911	32.37206117	32.66989681	0.2978356396	0.92	0s:241ms
912	32.38145596	32.70615082	0.3246948590	1.00	0s:239ms
913	32.38272031	32.70615082	0.3234305094	1.00	0s:237ms
914	32.47305638	32.70615082	0.2330944423	0.72	0s:242ms
915	32.48592364	32.70615082	0.2202271812	0.68	0s:236ms
916	32.49583547	32.70615082	0.2103153541	0.65	0s:234ms
917	32.50517685	32.70615082	0.2009739699	0.62	0s:237ms
918	32.52051412	32.70615082	0.1856367074	0.57	0s:232ms
919	32.53892232	32.77288901	0.2339666890	0.72	0s:232ms
920	32.54895244	32.78388285	0.2349304186	0.72	0s:245ms
921	32.56551032	32.78574104	0.2202307150	0.68	0s:238ms
922	32.57975325	32.79859878	0.2188455316	0.67	0s:240ms
923	32.60925226	32.79859878	0.1893465199	0.58	0s:239ms
924	32.62799091	32.85512311	0.2271322001	0.70	0s:245ms
925	32.62949482	32.85512311	0.2256282884	0.69	0s:242ms
926	32.65577675	32.88314104	0.2273642864	0.70	0s:246ms
927	32.66638771	32.88404691	0.2176591952	0.67	0s:241ms
928	32.67745134	32.88404691	0.2065955701	0.63	0s:237ms
929	32.68800674	32.89079936	0.2027926234	0.62	0s:249ms
930	32.70130048	32.89079936	0.1894988846	0.58	0s:254ms
931	32.70798089	32.89079936	0.1828184736	0.56	0s:246ms
932	32.74844535	32.959141	0.2106956561	0.64	0s:247ms
933	32.76467193	32.9807542	0.2160822616	0.66	0s:252ms
934	32.7840496	33.02233119	0.2382815937	0.73	0s:243ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
935	32.80706488	33.03184978	0.2247849019	0.69	0s:244ms
936	32.83335524	33.04146397	0.2081087308	0.63	0s:240ms
937	32.85915704	33.04146397	0.1823069371	0.55	0s:252ms
938	32.88258035	33.09418245	0.2116020966	0.64	0s:246ms
939	32.89400084	33.09418245	0.2001816064	0.61	0s:246ms
940	32.91431898	33.11875264	0.2044336572	0.62	0s:245ms
941	32.94340752	33.18695388	0.2435463590	0.74	0s:254ms
942	32.96855002	33.18695388	0.2184038573	0.66	0s:264ms
943	32.97827232	33.18695388	0.2086815540	0.63	0s:252ms
944	33.02104371	33.18695388	0.1659101724	0.50	0s:246ms
945	33.03634621	33.18695388	0.1506076651	0.46	0s:248ms
946	33.05547071	33.18695388	0.1314831674	0.40	0s:251ms
947	33.08172032	33.18695388	0.1052335549	0.32	0s:250ms
948	33.09364888	33.18695388	0.0933049947	0.28	0s:246ms
949	33.10759883	33.18695388	0.0793550457	0.24	0s:261ms
950	33.12321539	33.18695388	0.0637384926	0.19	0s:263ms
951	33.1372784	33.18695388	0.0496754801	0.15	0s:257ms
952	33.1522455	33.18695388	0.0347083782	0.10	0s:264ms
953	33.17236247	33.18695388	0.0145914131	0.04	0s:245ms
954	33.18203088	33.18695388	0.0049229980	0.01	0s:251ms
955	33.17682635	33.18695388	0.0101275242	0.03	0s:253ms
956	33.214	33.46375389	0.2497538886	0.75	0s:254ms
957	33.2285452	33.46658438	0.2380391841	0.72	0s:257ms
958	33.24880114	33.48417047	0.2353693275	0.71	0s:267ms
959	33.25322888	33.54983256	0.2966036756	0.89	0s:254ms
960	33.27290425	33.54983256	0.2769283092	0.83	0s:268ms
961	33.29706504	33.54983256	0.2527675171	0.76	0s:252ms
962	33.31489503	33.61033788	0.2954428562	0.89	0s:257ms
963	33.32971217	33.61033788	0.2806257107	0.84	0s:251ms
964	33.33938172	33.62525661	0.2858748931	0.86	0s:254ms
965	33.35749797	33.6286603	0.2711623267	0.81	0s:262ms
966	33.37374853	33.6286603	0.2549117699	0.76	0s:257ms
967	33.398114	33.64741123	0.2492972371	0.75	0s:265ms
968	33.4099755	33.65881357	0.2488380740	0.74	0s:270ms
969	33.42165388	33.65881357	0.2371596948	0.71	0s:266ms
970	33.43572784	33.65881357	0.2230857359	0.67	0s:266ms
971	33.45200489	33.65881357	0.2068086860	0.62	0s:271ms
972	33.46778807	33.73757219	0.2697841233	0.81	0s:258ms
973	33.48824996	33.74406181	0.2558118466	0.76	0s:267ms
974	33.49564996	33.75868597	0.2630360155	0.79	0s:269ms
975	33.50456856	33.75868597	0.2541174104	0.76	0s:264ms
976	33.52450954	33.75868597	0.2341764354	0.70	0s:265ms
977	33.5337257	33.78301616	0.2492904579	0.74	0s:272ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
978	33.55546156	33.78301616	0.2275545983	0.68	0s:255ms
979	33.57293561	33.78301616	0.2100805471	0.63	0s:265ms
980	33.60498665	33.80753366	0.2025470171	0.60	0s:259ms
981	33.62114662	33.80753366	0.1863870414	0.55	0s:268ms
982	33.64072259	33.83423791	0.1935153149	0.58	0s:265ms
983	33.65377827	33.87285842	0.2190801467	0.65	0s:261ms
984	33.66904067	33.87285842	0.2038177546	0.61	0s:272ms
985	33.67827395	33.87285842	0.1945844703	0.58	0s:258ms
986	33.70586186	33.87578234	0.1699204818	0.50	0s:264ms
987	33.72475639	33.91297155	0.1882151604	0.56	0s:267ms
988	33.7425814	33.91297155	0.1703901520	0.50	0s:273ms
989	33.76491658	33.91297155	0.1480549643	0.44	0s:265ms
990	33.78314283	33.96319611	0.1800532793	0.53	0s:269ms
991	33.80171605	33.99289621	0.1911801525	0.57	0s:266ms
992	33.81382941	34.03431577	0.2204863614	0.65	0s:268ms
993	33.8358187	34.05360953	0.2177908321	0.64	0s:269ms
994	33.85429972	34.05360953	0.1993098146	0.59	0s:278ms
995	33.87659576	34.05360953	0.1770137716	0.52	0s:273ms
996	33.90293245	34.07193058	0.1689981297	0.50	0s:266ms
997	33.92944711	34.15321219	0.2237650785	0.66	0s:272ms
998	33.9354688	34.19787581	0.2624070094	0.77	0s:270ms
999	33.94810372	34.19787581	0.2497720916	0.74	0s:274ms
1000	33.95714091	34.19787581	0.2407348959	0.71	0s:273ms
1001	33.97958598	34.22064585	0.2410598680	0.71	0s:279ms
1002	33.98121051	34.22835391	0.2471433951	0.73	0s:290ms
1003	33.98171597	34.23969938	0.2579834068	0.76	0s:274ms
1004	34.03199189	34.30582487	0.2738329753	0.80	0s:293ms
1005	34.04431167	34.31953363	0.2752219622	0.81	0s:283ms
1006	34.05011687	34.31953363	0.2694167583	0.79	0s:272ms
1007	34.05490069	34.31953363	0.2646329388	0.78	0s:275ms
1008	34.06895981	34.31953363	0.2505738187	0.74	0s:276ms
1009	34.07756902	34.31953363	0.2419646143	0.71	0s:283ms
1010	34.10308408	34.33163474	0.2285506572	0.67	0s:283ms
1011	34.11377195	34.33163474	0.2178627902	0.64	0s:277ms
1012	34.11854303	34.42168248	0.3031394540	0.89	0s:282ms
1013	34.13651557	34.45807225	0.3215566862	0.94	0s:283ms
1014	34.14398235	34.4703069	0.3263245448	0.96	0s:272ms
1015	34.13985854	34.47238075	0.3325222103	0.97	0s:280ms
1016	34.20538114	34.47453329	0.2691521489	0.79	0s:282ms
1017	34.21089739	34.58077782	0.3698804266	1.08	0s:280ms
1018	34.23342128	34.58077782	0.3473565452	1.01	0s:278ms
1019	34.24155549	34.58077782	0.3392223311	0.99	0s:286ms
1020	34.24743838	34.58077782	0.3333394360	0.97	0s:280ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1021	34.26101849	34.59081992	0.3298014297	0.96	0s:283ms
1022	34.27223867	34.59081992	0.3185812496	0.93	0s:276ms
1023	34.29163578	34.59081992	0.2991841317	0.87	0s:286ms
1024	34.30934896	34.59081992	0.2814709580	0.82	0s:289ms
1025	34.31881007	34.62463259	0.3058225201	0.89	0s:286ms
1026	34.32702052	34.62463259	0.2976120692	0.87	0s:282ms
1027	34.32870263	34.6518119	0.3231092767	0.94	0s:286ms
1028	34.41957298	34.6518119	0.2322389257	0.67	0s:282ms
1029	34.43281654	34.6518119	0.2189953606	0.64	0s:280ms
1030	34.44858313	34.6518119	0.2032287773	0.59	0s:282ms
1031	34.46809972	34.72585951	0.2577597957	0.75	0s:284ms
1032	34.48145634	34.72585951	0.2444031768	0.71	0s:282ms
1033	34.49741825	34.72585951	0.2284412637	0.66	0s:287ms
1034	34.51347561	34.72585951	0.2123838999	0.62	0s:282ms
1035	34.52159716	34.74244965	0.2208524879	0.64	0s:297ms
1036	34.53525124	34.76126197	0.2260107342	0.65	0s:283ms
1037	34.54227962	34.76126197	0.2189823477	0.63	0s:285ms
1038	34.54945781	34.76126197	0.2118041612	0.61	0s:286ms
1039	34.55235994	34.76126197	0.2089020269	0.60	0s:287ms
1040	34.59894896	34.76126197	0.1623130128	0.47	0s:284ms
1041	34.61810586	34.76126197	0.1431561140	0.41	0s:289ms
1042	34.62620558	34.76126197	0.1350563910	0.39	0s:287ms
1043	34.63639699	34.82257765	0.1861806654	0.54	0s:298ms
1044	34.63865753	34.82257765	0.1839201181	0.53	0s:287ms
1045	34.63860214	34.88854014	0.2499379963	0.72	0s:291ms
1046	34.75604599	34.88854014	0.1324941520	0.38	0s:294ms
1047	34.76097659	34.91706572	0.1560891329	0.45	0s:292ms
1048	34.77656279	34.91706572	0.1405029306	0.40	0s:286ms
1049	34.80104733	34.96059505	0.1595477251	0.46	0s:295ms
1050	34.8110694	34.96059505	0.1495256556	0.43	0s:303ms
1051	34.81895212	34.96687197	0.1479198536	0.42	0s:306ms
1052	34.82732594	35.02177952	0.1944535759	0.56	0s:295ms
1053	34.83568297	35.02177952	0.1860965423	0.53	0s:297ms
1054	34.85836773	35.13768515	0.2793174204	0.80	0s:296ms
1055	34.87096511	35.16666426	0.2956991509	0.85	0s:307ms
1056	34.88621915	35.16666426	0.2804451114	0.80	0s:297ms
1057	34.89828431	35.17604713	0.2777628202	0.80	0s:293ms
1058	34.92710044	35.17604713	0.2489466844	0.71	0s:296ms
1059	34.93725006	35.17742342	0.2401733621	0.69	0s:309ms
1060	34.94478642	35.17742342	0.2326370032	0.67	0s:298ms
1061	34.95324962	35.20463197	0.2513823499	0.72	0s:298ms
1062	34.9694388	35.22116891	0.2517301183	0.72	0s:300ms
1063	34.98635439	35.22116891	0.2348145260	0.67	0s:301ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1064	35.00199094	35.23999745	0.2380065126	0.68	0s:300ms
1065	35.02008961	35.26290202	0.2428124071	0.69	0s:306ms
1066	35.03893449	35.26290202	0.2239675315	0.64	0s:296ms
1067	35.05900333	35.28022528	0.2212219563	0.63	0s:298ms
1068	35.06766138	35.29709856	0.2294371776	0.65	0s:309ms
1069	35.08183816	35.32821564	0.2463774807	0.70	0s:297ms
1070	35.1071688	35.32821564	0.2210468447	0.63	0s:308ms
1071	35.13446863	35.33113863	0.1966699922	0.56	0s:312ms
1072	35.15242257	35.40485743	0.2524348622	0.72	0s:303ms
1073	35.16190913	35.40485743	0.2429483026	0.69	0s:309ms
1074	35.1700018	35.40485743	0.2348556360	0.67	0s:310ms
1075	35.17724689	35.40485743	0.2276105379	0.65	0s:323ms
1076	35.18231175	35.4187801	0.2364683550	0.67	0s:307ms
1077	35.18607978	35.45695538	0.2708755954	0.77	0s:307ms
1078	35.19610218	35.48674185	0.2906396673	0.83	0s:308ms
1079	35.21990686	35.49263542	0.2727285574	0.77	0s:316ms
1080	35.23700632	35.49263542	0.2556291042	0.73	0s:314ms
1081	35.25775452	35.53215574	0.2744012256	0.78	0s:308ms
1082	35.27368905	35.53215574	0.2584666932	0.73	0s:301ms
1083	35.29231487	35.55235432	0.2600394536	0.74	0s:301ms
1084	35.3259794	35.55235432	0.2263749268	0.64	0s:317ms
1085	35.32814478	35.55235432	0.2242095480	0.63	0s:305ms
1086	35.36251435	35.55235432	0.1898399715	0.54	0s:304ms
1087	35.37526368	35.62670179	0.2514381104	0.71	0s:315ms
1088	35.3931997	35.62670179	0.2335020873	0.66	0s:315ms
1089	35.39930322	35.66880335	0.2695001321	0.76	0s:314ms
1090	35.38670905	35.66880335	0.2820943057	0.80	0s:320ms
1091	35.3935022	35.66880335	0.2753011560	0.78	0s:308ms
1092	35.40864203	35.66880335	0.2601613204	0.73	0s:304ms
1093	35.45052997	35.7260327	0.2755027334	0.78	0s:328ms
1094	35.47236663	35.7260327	0.2536660681	0.72	0s:315ms
1095	35.50238825	35.7260327	0.2236444544	0.63	0s:308ms
1096	35.5128076	35.7260327	0.2132251040	0.60	0s:318ms
1097	35.53372521	35.78650594	0.2527807286	0.71	0s:312ms
1098	35.54943828	35.78650594	0.2370676630	0.67	0s:326ms
1099	35.57375574	35.78650594	0.2127501992	0.60	0s:318ms
1100	35.6161933	35.8477868	0.2315934990	0.65	0s:320ms
1101	35.61301886	35.87459323	0.2615743712	0.73	0s:317ms
1102	35.6369703	35.87852919	0.2415588888	0.68	0s:326ms
1103	35.64951606	35.87852919	0.2290131341	0.64	0s:314ms
1104	35.66900608	35.87852919	0.2095231141	0.59	0s:317ms
1105	35.68870518	35.92108489	0.2323797131	0.65	0s:322ms
1106	35.69525153	35.92108489	0.2258333644	0.63	0s:318ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1107	35.70341898	35.93037134	0.2269523633	0.64	0s:314ms
1108	35.71748416	35.93037134	0.2128871811	0.60	0s:329ms
1109	35.73079186	35.93037134	0.1995794772	0.56	0s:320ms
1110	35.74565625	35.94464387	0.1989876216	0.56	0s:334ms
1111	35.71626976	35.94464387	0.2283741117	0.64	0s:314ms
1112	35.77306625	35.98496071	0.2118944549	0.59	0s:319ms
1113	35.78958036	35.98496071	0.1953803456	0.55	0s:318ms
1114	35.81001798	36.02255556	0.2125375816	0.59	0s:321ms
1115	35.81770032	36.0300972	0.2123968823	0.59	0s:333ms
1116	35.82858706	36.0300972	0.2015101416	0.56	0s:324ms
1117	35.83835838	36.04347826	0.2051198788	0.57	0s:322ms
1118	35.86299608	36.08560959	0.2226135062	0.62	0s:325ms
1119	35.86400298	36.08560959	0.2216066053	0.62	0s:320ms
1120	35.86871684	36.08560959	0.2168927435	0.60	0s:316ms
1121	35.87544227	36.12774419	0.2523019266	0.70	0s:325ms
1122	35.88512415	36.12774419	0.2426200471	0.68	0s:323ms
1123	35.89496286	36.18199941	0.2870365527	0.80	0s:320ms
1124	35.94557379	36.18283559	0.2372618033	0.66	0s:329ms
1125	35.95360534	36.18283559	0.2292302506	0.64	0s:333ms
1126	35.97504613	36.20764559	0.2325994617	0.65	0s:321ms
1127	35.98067046	36.22006938	0.2393989175	0.67	0s:330ms
1128	35.98609113	36.22006938	0.2339782525	0.65	0s:328ms
1129	35.99705638	36.29897236	0.3019159783	0.84	0s:318ms
1130	36.0246919	36.30770093	0.2830090267	0.79	0s:328ms
1131	36.03481778	36.34277414	0.3079563537	0.85	0s:335ms
1132	36.04641267	36.36830398	0.3218913087	0.89	0s:331ms
1133	36.05896239	36.36830398	0.3093415866	0.86	0s:329ms
1134	36.08727892	36.36830398	0.2810250595	0.78	0s:328ms
1135	36.05265174	36.40152226	0.3488705239	0.97	0s:333ms
1136	36.11632981	36.40337351	0.2870436970	0.79	0s:332ms
1137	36.13083153	36.40337351	0.2725419761	0.75	0s:334ms
1138	36.15528136	36.4073449	0.2520635363	0.70	0s:344ms
1139	36.16963809	36.4073449	0.2377068052	0.66	0s:327ms
1140	36.18864715	36.4261486	0.2375014567	0.66	0s:342ms
1141	36.21389216	36.4261486	0.2122564492	0.59	0s:333ms
1142	36.23198105	36.43130026	0.1993192048	0.55	0s:338ms
1143	36.25221079	36.43130026	0.1790894619	0.49	0s:340ms
1144	36.25812623	36.43130026	0.1731740262	0.48	0s:336ms
1145	36.28932208	36.50559816	0.2162760787	0.60	0s:355ms
1146	36.29747119	36.52284998	0.2253787907	0.62	0s:335ms
1147	36.29208348	36.52284998	0.2307665061	0.64	0s:333ms
1148	36.34877841	36.57040927	0.2216308569	0.61	0s:350ms
1149	36.37235926	36.59847243	0.2261131692	0.62	0s:337ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1150	36.38051128	36.59847243	0.2179611527	0.60	0s:336ms
1151	36.40380329	36.59847243	0.1946691358	0.53	0s:351ms
1152	36.41599845	36.59847243	0.1824739798	0.50	0s:342ms
1153	36.42800222	36.59847243	0.1704702064	0.47	0s:349ms
1154	36.43125256	36.63578695	0.2045343876	0.56	0s:330ms
1155	36.46615622	36.68068925	0.2145330252	0.59	0s:335ms
1156	36.47001815	36.68068925	0.2106710984	0.58	0s:335ms
1157	36.49252874	36.693764	0.2012352672	0.55	0s:334ms
1158	36.51105099	36.72038762	0.2093366326	0.57	0s:335ms
1159	36.48310893	36.72038762	0.2372786870	0.65	0s:339ms
1160	36.54130715	36.75005684	0.2087496871	0.57	0s:340ms
1161	36.55066624	36.75005684	0.1993905925	0.55	0s:337ms
1162	36.55868863	36.80588538	0.2471967536	0.68	0s:345ms
1163	36.56854209	36.81740322	0.2488611330	0.68	0s:346ms
1164	36.58395431	36.81740322	0.2334489035	0.64	0s:350ms
1165	36.58183265	36.84392088	0.2620882215	0.72	0s:352ms
1166	36.59514932	36.84392088	0.2487715587	0.68	0s:351ms
1167	36.63021901	36.84392088	0.2137018699	0.58	0s:346ms
1168	36.64144459	36.84392088	0.2024762849	0.55	0s:364ms
1169	36.65034393	36.86372443	0.2133804998	0.58	0s:349ms
1170	36.66178416	36.87291754	0.2111333824	0.58	0s:342ms
1171	36.66246185	36.87291754	0.2104556967	0.57	0s:341ms
1172	36.67433637	36.87291754	0.1985811696	0.54	0s:351ms
1173	36.71210891	36.87291754	0.1608086319	0.44	0s:346ms
1174	36.71972704	36.87291754	0.1531905035	0.42	0s:347ms
1175	36.74021063	36.87291754	0.1327069147	0.36	0s:360ms
1176	36.74887252	36.87291754	0.1240450209	0.34	0s:371ms
1177	36.76377377	36.8924038	0.1286300295	0.35	0s:345ms
1178	36.77738202	36.8924038	0.1150217741	0.31	0s:339ms
1179	36.78941764	36.9408835	0.1514658589	0.41	0s:348ms
1180	36.81195575	36.94249262	0.1305368652	0.35	0s:355ms
1181	36.83864155	36.98923136	0.1505898076	0.41	0s:367ms
1182	36.87429137	37.00595395	0.1316625836	0.36	0s:347ms
1183	36.88203545	37.03117643	0.1491409759	0.40	0s:349ms
1184	36.90737918	37.0970913	0.1897121141	0.51	0s:349ms
1185	36.91308495	37.0970913	0.1840063488	0.50	0s:343ms
1186	36.93483745	37.0970913	0.1622538447	0.44	0s:352ms
1187	36.94513182	37.0970913	0.1519594790	0.41	0s:355ms
1188	36.97449086	37.0970913	0.1226004317	0.33	0s:348ms
1189	36.98901163	37.1621861	0.1731744734	0.47	0s:356ms
1190	36.97631575	37.17021416	0.1938984120	0.52	0s:371ms
1191	36.9885116	37.17021416	0.1817025647	0.49	0s:346ms
1192	37.00683675	37.19430559	0.1874688440	0.51	0s:359ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1193	37.01438939	37.19430559	0.1799162062	0.49	0s:361ms
1194	37.03777253	37.19430559	0.1565330679	0.42	0s:359ms
1195	37.05217938	37.19430559	0.1421262102	0.38	0s:357ms
1196	37.06363118	37.266645	0.2030138280	0.55	0s:357ms
1197	37.06748554	37.266645	0.1991594609	0.54	0s:358ms
1198	37.08403378	37.266645	0.1826112185	0.49	0s:370ms
1199	37.09610243	37.266645	0.1705425706	0.46	0s:354ms
1200	37.11216084	37.28489633	0.1727354858	0.47	0s:371ms
1201	37.12984189	37.31646059	0.1866186993	0.50	0s:375ms
1202	37.14815869	37.31646059	0.1683019023	0.45	0s:354ms
1203	37.16366647	37.35587791	0.1922114472	0.52	0s:357ms
1204	37.18777232	37.35587791	0.1681055904	0.45	0s:354ms
1205	37.20187643	37.38772433	0.1858478972	0.50	0s:363ms
1206	37.23195255	37.39594116	0.1639886127	0.44	0s:366ms
1207	37.24351328	37.39594116	0.1524278791	0.41	0s:379ms
1208	37.26103893	37.44197606	0.1809371310	0.49	0s:355ms
1209	37.27968798	37.44197606	0.1622880802	0.44	0s:369ms
1210	37.26905355	37.46466632	0.1956127736	0.52	0s:370ms
1211	37.31396242	37.5123772	0.1984147758	0.53	0s:356ms
1212	37.3086262	37.5123772	0.2037509910	0.55	0s:368ms
1213	37.34536432	37.51389224	0.1685279240	0.45	0s:367ms
1214	37.37317745	37.51389224	0.1407147920	0.38	0s:391ms
1215	37.37922814	37.51389224	0.1346641085	0.36	0s:385ms
1216	37.3928563	37.54223197	0.1493756633	0.40	0s:374ms
1217	37.40339691	37.5970064	0.1936094851	0.52	0s:369ms
1218	37.41327428	37.62604887	0.2127745921	0.57	0s:370ms
1219	37.43911435	37.62604887	0.1869345182	0.50	0s:387ms
1220	37.44565175	37.69694638	0.2512946299	0.67	0s:364ms
1221	37.45965671	37.69694638	0.2372896658	0.63	0s:369ms
1222	37.47288216	37.69694638	0.2240642193	0.60	0s:375ms
1223	37.48135688	37.72328475	0.2419278709	0.65	0s:368ms
1224	37.49374877	37.72328475	0.2295359808	0.61	0s:372ms
1225	37.46029748	37.8023161	0.3420186164	0.91	0s:377ms
1226	37.52538411	37.8023161	0.2769319876	0.74	0s:374ms
1227	37.55204167	37.8023161	0.2502744250	0.67	0s:387ms
1228	37.55679234	37.8023161	0.2455237504	0.65	0s:387ms
1229	37.57358859	37.8023161	0.2287275009	0.61	0s:393ms
1230	37.58906693	37.8023161	0.2132491629	0.57	0s:385ms
1231	37.59632522	37.83457086	0.2382456331	0.63	0s:390ms
1232	37.60918877	37.84568872	0.2364999527	0.63	0s:388ms
1233	37.62058187	37.84697912	0.2263972463	0.60	0s:380ms
1234	37.63495349	37.90073051	0.2657770113	0.71	0s:389ms
1235	37.65355578	37.90073051	0.2471747226	0.66	0s:385ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1236	37.66551642	37.91009313	0.2445767083	0.65	0s:392ms
1237	37.63315338	37.91009313	0.2769397443	0.74	0s:385ms
1238	37.69990128	37.92693389	0.2270326074	0.60	0s:382ms
1239	37.71235446	37.92693389	0.2145794240	0.57	0s:380ms
1240	37.73125407	37.92693389	0.1956798159	0.52	0s:374ms
1241	37.75155334	37.94141472	0.1898613761	0.50	0s:381ms
1242	37.76701684	37.9419653	0.1749484584	0.46	0s:387ms
1243	37.77183298	37.95482996	0.1829969789	0.48	0s:373ms
1244	37.7845018	37.9745849	0.1900830978	0.50	0s:378ms
1245	37.81953423	37.97735807	0.1578238368	0.42	0s:387ms
1246	37.84373366	37.97989862	0.1361649601	0.36	0s:374ms
1247	37.85103614	38.01165127	0.1606151337	0.42	0s:384ms
1248	37.877584	38.02128857	0.1437045745	0.38	0s:400ms
1249	37.83537102	38.02590557	0.1905345417	0.50	0s:380ms
1250	37.92253391	38.02590557	0.1033716518	0.27	0s:398ms
1251	37.93615959	38.06029754	0.1241379535	0.33	0s:386ms
1252	37.95457244	38.08190835	0.1273359083	0.34	0s:399ms
1253	37.95993548	38.08190835	0.1219728762	0.32	0s:385ms
1254	37.98842347	38.10766458	0.1192411158	0.31	0s:388ms
1255	37.95661937	38.10766458	0.1510452123	0.40	0s:384ms
1256	38.01261671	38.12008409	0.1074673795	0.28	0s:403ms
1257	38.02332767	38.12008409	0.0967564165	0.25	0s:393ms
1258	38.03897635	38.16162828	0.1226519231	0.32	0s:383ms
1259	38.05615985	38.16162828	0.1054684244	0.28	0s:380ms
1260	38.06542276	38.16162828	0.0962055165	0.25	0s:397ms
1261	37.98147127	38.17862289	0.1971516247	0.52	0s:393ms
1262	38.09424037	38.2518146	0.1575742337	0.41	0s:380ms
1263	38.10086339	38.29232251	0.1914591205	0.50	0s:387ms
1264	38.12093272	38.29232251	0.1713897931	0.45	0s:400ms
1265	38.12691593	38.29232251	0.1654065798	0.43	0s:395ms
1266	38.14681963	38.31766601	0.1708463800	0.45	0s:397ms
1267	38.163586	38.32224698	0.1586609862	0.42	0s:401ms
1268	38.18404919	38.32982972	0.1457805337	0.38	0s:394ms
1269	38.19677945	38.32982972	0.1330502677	0.35	0s:406ms
1270	38.20532268	38.32982972	0.1245070395	0.33	0s:387ms
1271	38.21390383	38.32982972	0.1159258948	0.30	0s:411ms
1272	38.22151334	38.39331405	0.1718007122	0.45	0s:408ms
1273	38.22347539	38.39331405	0.1698386537	0.44	0s:409ms
1274	38.24218102	38.39963249	0.1574514703	0.41	0s:410ms
1275	38.27276807	38.39963249	0.1268644203	0.33	0s:400ms
1276	38.28163726	38.46998799	0.1883507330	0.49	0s:399ms
1277	38.29186049	38.46998799	0.1781274971	0.47	0s:412ms
1278	38.30116877	38.46998799	0.1688192248	0.44	0s:405ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1279	38.31902262	38.46998799	0.1509653658	0.39	0s:398ms
1280	38.33539228	38.46998799	0.1345957105	0.35	0s:405ms
1281	38.34320493	38.46998799	0.1267830600	0.33	0s:415ms
1282	38.35230688	38.46998799	0.1176811132	0.31	0s:412ms
1283	38.37721932	38.46998799	0.0927686696	0.24	0s:399ms
1284	38.40444293	38.46998799	0.0655450587	0.17	0s:410ms
1285	38.37582617	38.46998799	0.0941618202	0.25	0s:400ms
1286	38.42480201	38.73328886	0.3084868534	0.80	0s:407ms
1287	38.43917145	38.73328886	0.2941174078	0.77	0s:413ms
1288	38.45906912	38.78287576	0.3238066373	0.84	0s:414ms
1289	38.46792163	38.78287576	0.3149541224	0.82	0s:408ms
1290	38.4855706	38.80895683	0.3233862255	0.84	0s:409ms
1291	38.50676605	38.80895683	0.3021907813	0.78	0s:423ms
1292	38.51566777	38.80895683	0.2932890624	0.76	0s:424ms
1293	38.52667749	38.83177841	0.3051009241	0.79	0s:415ms
1294	38.53447545	38.84530698	0.3108315352	0.81	0s:403ms
1295	38.5677121	38.84530698	0.2775948856	0.72	0s:407ms
1296	38.57075573	38.84530698	0.2745512492	0.71	0s:407ms
1297	38.58435911	38.85336512	0.2690060121	0.70	0s:410ms
1298	38.59928776	38.85336512	0.2540773559	0.66	0s:424ms
1299	38.618734	38.85336512	0.2346311189	0.61	0s:416ms
1300	38.60476666	38.89323424	0.2884675775	0.75	0s:412ms
1301	38.63696011	38.89323424	0.2562741280	0.66	0s:412ms
1302	38.64564942	38.90009599	0.2544465686	0.66	0s:410ms
1303	38.64918758	38.91780359	0.2686160076	0.70	0s:415ms
1304	38.65773452	38.91780359	0.2600690741	0.67	0s:422ms
1305	38.67089371	38.92704102	0.2561473019	0.66	0s:422ms
1306	38.6892243	38.92704102	0.2378167204	0.61	0s:426ms
1307	38.70169511	38.94021988	0.2385247665	0.62	0s:416ms
1308	38.71563231	38.94021988	0.2245875728	0.58	0s:416ms
1309	38.73765742	38.97587719	0.2382197671	0.61	0s:418ms
1310	38.76079816	38.99769312	0.2368949616	0.61	0s:417ms
1311	38.76630476	39.01764413	0.2513393748	0.65	0s:430ms
1312	38.7788733	39.01764413	0.2387708364	0.62	0s:416ms
1313	38.80189863	39.03333925	0.2314406112	0.60	0s:415ms
1314	38.8289485	39.05036447	0.2214159723	0.57	0s:418ms
1315	38.83774678	39.05036447	0.2126176920	0.55	0s:416ms
1316	38.85929853	39.0523056	0.1930070695	0.50	0s:416ms
1317	38.8677144	39.08605357	0.2183391781	0.56	0s:416ms
1318	38.88010798	39.08605357	0.2059455975	0.53	0s:433ms
1319	38.88965387	39.08605357	0.1963997045	0.51	0s:425ms
1320	38.9044839	39.11676723	0.2122833261	0.55	0s:435ms
1321	38.91433899	39.11676723	0.2024282409	0.52	0s:423ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1322	38.94096966	39.15113001	0.2101603491	0.54	0s:413ms
1323	38.94060738	39.15113001	0.2105226308	0.54	0s:429ms
1324	38.96079316	39.15113001	0.1903368506	0.49	0s:434ms
1325	38.99030442	39.15790684	0.1676024131	0.43	0s:424ms
1326	39.00269183	39.15790684	0.1552150087	0.40	0s:435ms
1327	39.02122512	39.20030137	0.1790762532	0.46	0s:433ms
1328	39.03318125	39.20030137	0.1671201264	0.43	0s:422ms
1329	39.04450725	39.24409072	0.1995834721	0.51	0s:431ms
1330	39.05380652	39.24409072	0.1902842079	0.49	0s:425ms
1331	39.07054898	39.28219892	0.2116499338	0.54	0s:446ms
1332	39.08397965	39.28219892	0.1982192625	0.51	0s:446ms
1333	39.1049929	39.323136	0.2181431014	0.56	0s:426ms
1334	39.12997348	39.34240365	0.2124301666	0.54	0s:439ms
1335	39.14109679	39.34240365	0.2013068562	0.51	0s:441ms
1336	39.17045116	39.34240365	0.1719524863	0.44	0s:440ms
1337	39.16787777	39.34240365	0.1745258757	0.45	0s:423ms
1338	39.17914419	39.34240365	0.1632594597	0.42	0s:436ms
1339	39.18100796	39.43977836	0.2587704033	0.66	0s:436ms
1340	39.22059058	39.43977836	0.2191877799	0.56	0s:441ms
1341	39.22511028	39.44166322	0.2165529337	0.55	0s:434ms
1342	39.22758066	39.44166322	0.2140825549	0.55	0s:432ms
1343	39.23731956	39.45527978	0.2179602107	0.56	0s:453ms
1344	39.26257715	39.45527978	0.1927026230	0.49	0s:437ms
1345	39.19571973	39.48801305	0.2922933145	0.75	0s:449ms
1346	39.31043552	39.49269842	0.1822628975	0.46	0s:434ms
1347	39.31981259	39.49269842	0.1728858346	0.44	0s:437ms
1348	39.33785668	39.50474386	0.1668871814	0.42	0s:446ms
1349	39.34493191	39.51082099	0.1658890840	0.42	0s:440ms
1350	39.36273331	39.51082099	0.1480876784	0.38	0s:428ms
1351	39.38504915	39.54051151	0.1554623604	0.39	0s:435ms
1352	39.38383975	39.54051151	0.1566717662	0.40	0s:444ms
1353	39.38460818	39.60349725	0.2188890755	0.56	0s:444ms
1354	39.43865862	39.60349725	0.1648386340	0.42	0s:445ms
1355	39.39454416	39.62981964	0.2352754824	0.60	0s:451ms
1356	39.4053751	39.62981964	0.2244445405	0.57	0s:431ms
1357	39.41535349	39.7040078	0.2886543152	0.73	0s:447ms
1358	39.42104804	39.73592721	0.3148791731	0.80	0s:460ms
1359	39.44558303	39.74534116	0.2997581234	0.76	0s:443ms
1360	39.46829619	39.76598138	0.2976851883	0.75	0s:454ms
1361	39.48334004	39.76598138	0.2826413340	0.72	0s:431ms
1362	39.49302916	39.76598138	0.2729522134	0.69	0s:447ms
1363	39.51695021	39.79444785	0.2774976420	0.70	0s:458ms
1364	39.57378993	39.79444785	0.2206579221	0.56	0s:457ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1365	39.59072389	39.79628399	0.2055601002	0.52	0s:453ms
1366	39.596121	39.81086001	0.2147390041	0.54	0s:458ms
1367	39.56654638	39.81086001	0.2443136304	0.62	0s:434ms
1368	39.58674797	39.81910633	0.2323583540	0.59	0s:446ms
1369	39.53802816	39.81910633	0.2810781690	0.71	0s:447ms
1370	39.64176433	39.82379516	0.1820308322	0.46	0s:445ms
1371	39.65127469	39.83382695	0.1825522608	0.46	0s:433ms
1372	39.66447264	39.83382695	0.1693543098	0.43	0s:443ms
1373	39.6897149	39.87562249	0.1859075862	0.47	0s:441ms
1374	39.70825521	39.87562249	0.1673672800	0.42	0s:443ms
1375	39.70778251	39.87562249	0.1678399797	0.42	0s:438ms
1376	39.72565745	39.89084003	0.1651825808	0.42	0s:441ms
1377	39.73987989	39.90178606	0.1619061684	0.41	0s:452ms
1378	39.73745418	39.90178606	0.1643318724	0.41	0s:442ms
1379	39.74561385	39.90178606	0.1561722015	0.39	0s:438ms
1380	39.75868975	39.93964285	0.1809531036	0.46	0s:448ms
1381	39.74787672	39.93964285	0.1917661383	0.48	0s:462ms
1382	39.80536493	39.97214827	0.1667833396	0.42	0s:448ms
1383	39.82450155	39.99616127	0.1716597151	0.43	0s:462ms
1384	39.8457702	40.01357625	0.1678060583	0.42	0s:448ms
1385	39.86392806	40.01357625	0.1496481986	0.38	0s:466ms
1386	39.87690029	40.02012418	0.1432238864	0.36	0s:457ms
1387	39.89476068	40.02012418	0.1253635017	0.31	0s:456ms
1388	39.90792794	40.03827079	0.1303428461	0.33	0s:464ms
1389	39.91225952	40.06186256	0.1496030435	0.37	0s:449ms
1390	39.93297413	40.07367485	0.1407007189	0.35	0s:467ms
1391	39.9506298	40.07367485	0.1230450492	0.31	0s:469ms
1392	39.96866922	40.10652157	0.1378523540	0.34	0s:457ms
1393	39.9511951	40.15667289	0.2054777893	0.51	0s:452ms
1394	39.98610113	40.178064	0.1919628732	0.48	0s:448ms
1395	40.009467	40.22411769	0.2146506908	0.54	0s:467ms
1396	40.01320077	40.23140832	0.2182075461	0.55	0s:479ms
1397	40.03735649	40.24271158	0.2053550974	0.51	0s:471ms
1398	40.03061439	40.24271158	0.2120971956	0.53	0s:479ms
1399	40.0482923	40.24271158	0.1944192798	0.49	0s:484ms
1400	40.06406584	40.26528552	0.2012196761	0.50	0s:453ms
1401	40.07166313	40.29996308	0.2282999530	0.57	0s:465ms
1402	40.08711156	40.29996308	0.2128515178	0.53	0s:455ms
1403	40.10502123	40.29996308	0.1949418559	0.49	0s:457ms
1404	40.11755181	40.39911291	0.2815610971	0.70	0s:475ms
1405	40.12934078	40.40192881	0.2725880330	0.68	0s:466ms
1406	40.1540855	40.40192881	0.2478433090	0.62	0s:462ms
1407	40.17316176	40.44414312	0.2709813682	0.67	0s:454ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1408	40.17637346	40.45040083	0.2740273712	0.68	0s:457ms
1409	40.19122293	40.45040083	0.2591779079	0.64	0s:458ms
1410	40.20309885	40.45968909	0.2565902401	0.64	0s:461ms
1411	40.20189444	40.462329	0.2604345593	0.65	0s:484ms
1412	40.20801064	40.462329	0.2543183623	0.63	0s:472ms
1413	40.24234194	40.48653652	0.2441945780	0.61	0s:477ms
1414	40.25107385	40.48653652	0.2354626736	0.58	0s:466ms
1415	40.25851502	40.50900854	0.2504935194	0.62	0s:467ms
1416	40.27232458	40.50941268	0.2370880962	0.59	0s:472ms
1417	40.28402127	40.54569963	0.2616783643	0.65	0s:481ms
1418	40.29702298	40.56206026	0.2650372817	0.66	0s:478ms
1419	40.30529572	40.56206026	0.2567645461	0.64	0s:486ms
1420	40.31798578	40.59110412	0.2731183362	0.68	0s:473ms
1421	40.34401878	40.59110412	0.2470853388	0.61	0s:471ms
1422	40.34884471	40.60073629	0.2518915778	0.62	0s:474ms
1423	40.3607273	40.60073629	0.2400089839	0.59	0s:475ms
1424	40.39041298	40.61574992	0.2253369330	0.56	0s:470ms
1425	40.40675197	40.61574992	0.2089979426	0.52	0s:488ms
1426	40.40983997	40.62136484	0.2115248723	0.52	0s:461ms
1427	40.42159232	40.62136484	0.1997725242	0.49	0s:473ms
1428	40.43683331	40.65450794	0.2176746256	0.54	0s:473ms
1429	40.44562104	40.65450794	0.2088869012	0.52	0s:480ms
1430	40.46551585	40.65450794	0.1889920934	0.47	0s:470ms
1431	40.48183656	40.67463872	0.1928021678	0.48	0s:492ms
1432	40.48439674	40.68918499	0.2047882501	0.51	0s:482ms
1433	40.49895934	40.69025967	0.1913003299	0.47	0s:471ms
1434	40.51545999	40.70573623	0.1902762418	0.47	0s:494ms
1435	40.53173535	40.70573623	0.1740008839	0.43	0s:473ms
1436	40.54099308	40.74837888	0.2073858014	0.51	0s:482ms
1437	40.56340901	40.74837888	0.1849698750	0.46	0s:492ms
1438	40.57469442	40.78675512	0.2120606993	0.52	0s:479ms
1439	40.58950166	40.78675512	0.1972534657	0.49	0s:499ms
1440	40.60093349	40.82435994	0.2234264515	0.55	0s:504ms
1441	40.60266179	40.82435994	0.2216981564	0.55	0s:484ms
1442	40.61930149	40.83767298	0.2183714921	0.54	0s:481ms
1443	40.62981636	40.87598417	0.2461678072	0.61	0s:477ms
1444	40.653453	40.89839696	0.2449439595	0.60	0s:492ms
1445	40.66608866	40.89839696	0.2323083036	0.57	0s:491ms
1446	40.68722657	40.89839696	0.2111703923	0.52	0s:506ms
1447	40.70735959	40.89839696	0.1910373743	0.47	0s:482ms
1448	40.72431945	40.92025676	0.1959373129	0.48	0s:494ms
1449	40.74213673	40.92025676	0.1781200282	0.44	0s:483ms
1450	40.754586	40.97545617	0.2208701666	0.54	0s:494ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1451	40.76488129	40.97545617	0.2105748812	0.52	0s:515ms
1452	40.77443237	40.98884142	0.2144090449	0.53	0s:496ms
1453	40.79219771	40.98884142	0.1966437135	0.48	0s:494ms
1454	40.80032056	40.99108735	0.1907667863	0.47	0s:511ms
1455	40.83620668	41.00095766	0.1647509758	0.40	0s:487ms
1456	40.84696645	41.06308824	0.2161217955	0.53	0s:496ms
1457	40.87259821	41.06308824	0.1904900334	0.47	0s:492ms
1458	40.88857369	41.0879075	0.1993338082	0.49	0s:508ms
1459	40.89756366	41.0879075	0.1903438423	0.47	0s:504ms
1460	40.91326702	41.0879075	0.1746404822	0.43	0s:487ms
1461	40.90776597	41.092531	0.1847650315	0.45	0s:509ms
1462	40.91743843	41.092531	0.1750925762	0.43	0s:504ms
1463	40.93329725	41.16236737	0.2290701231	0.56	0s:517ms
1464	40.95410547	41.16236737	0.2082619065	0.51	0s:480ms
1465	40.95024999	41.16236737	0.2121173830	0.52	0s:500ms
1466	40.95994239	41.16236737	0.2024249829	0.49	0s:489ms
1467	40.97296718	41.16792089	0.1949537044	0.48	0s:514ms
1468	40.98539938	41.18400588	0.1986064964	0.48	0s:508ms
1469	40.99249628	41.23758283	0.2450865542	0.60	0s:511ms
1470	40.99236432	41.24862246	0.2562581418	0.63	0s:500ms
1471	41.03113776	41.24862246	0.2174846921	0.53	0s:498ms
1472	41.02511135	41.28655567	0.2614443240	0.64	0s:517ms
1473	41.04066636	41.29645697	0.2557906118	0.62	0s:496ms
1474	41.04813599	41.29645697	0.2483209832	0.60	0s:496ms
1475	41.05432762	41.29645697	0.2421293553	0.59	0s:494ms
1476	41.06940257	41.29645697	0.2270544024	0.55	0s:513ms
1477	41.07094109	41.36087214	0.2899310495	0.71	0s:519ms
1478	41.08903592	41.36087214	0.2718362217	0.66	0s:496ms
1479	41.10467174	41.36087214	0.2562004001	0.62	0s:514ms
1480	41.10804339	41.36087214	0.2528287503	0.62	0s:517ms
1481	41.13324589	41.45882854	0.3255826547	0.79	0s:506ms
1482	41.14026499	41.46023821	0.3199732180	0.78	0s:512ms
1483	41.14261744	41.46911498	0.3264975383	0.79	0s:532ms
1484	41.17776926	41.46911498	0.2913457213	0.71	0s:503ms
1485	41.19312708	41.51218045	0.3190533687	0.77	0s:494ms
1486	41.21114431	41.51218045	0.3010361346	0.73	0s:519ms
1487	41.2200196	41.52698061	0.3069610070	0.74	0s:498ms
1488	41.23195429	41.54345343	0.3114991382	0.76	0s:504ms
1489	41.24368603	41.54345343	0.2997674024	0.73	0s:524ms
1490	41.26188917	41.54345343	0.2815642570	0.68	0s:503ms
1491	41.27027264	41.5436714	0.2733987551	0.66	0s:499ms
1492	41.29040574	41.5436714	0.2532656599	0.61	0s:521ms
1493	41.29769725	41.5890912	0.2913939532	0.71	0s:494ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1494	41.32060811	41.61966967	0.2990615570	0.72	0s:528ms
1495	41.31705913	41.63520778	0.3181486582	0.77	0s:517ms
1496	41.3424402	41.63691673	0.2944765293	0.71	0s:507ms
1497	41.37102112	41.637428	0.2664068741	0.64	0s:511ms
1498	41.37600288	41.67074836	0.2947454726	0.71	0s:520ms
1499	41.38920866	41.68391561	0.2947069539	0.71	0s:525ms
1500	41.41268368	41.68391561	0.2712319322	0.65	0s:532ms
1501	41.43698113	41.70705385	0.2700727206	0.65	0s:521ms
1502	41.45046715	41.70705385	0.2565866965	0.62	0s:510ms
1503	41.45121896	41.70705385	0.2558348905	0.62	0s:519ms
1504	41.45487141	41.7174508	0.2625793950	0.63	0s:507ms
1505	41.47471978	41.7584722	0.2837524123	0.68	0s:524ms
1506	41.484213	41.7584722	0.2742591954	0.66	0s:523ms
1507	41.48978305	41.7584722	0.2686891432	0.65	0s:513ms
1508	41.53164053	41.78297369	0.2513331575	0.61	0s:510ms
1509	41.55427286	41.78297369	0.2287008286	0.55	0s:519ms
1510	41.58570433	41.78297369	0.1972693628	0.47	0s:520ms
1511	41.61073691	41.78297369	0.1722367802	0.41	0s:534ms
1512	41.61246904	41.78297369	0.1705046480	0.41	0s:523ms
1513	41.63680628	41.85539737	0.2185910871	0.52	0s:514ms
1514	41.64598844	41.85647866	0.2104902194	0.51	0s:536ms
1515	41.65054389	41.85647866	0.2059347655	0.49	0s:532ms
1516	41.6606098	41.85647866	0.1958688577	0.47	0s:539ms
1517	41.66465971	41.95223071	0.2875710056	0.69	0s:518ms
1518	41.68142546	41.95223071	0.2708052561	0.65	0s:544ms
1519	41.6888761	41.95223071	0.2633546139	0.63	0s:542ms
1520	41.71440407	41.95223071	0.2378266457	0.57	0s:512ms
1521	41.73175476	41.96245569	0.2307009236	0.55	0s:519ms
1522	41.74279004	41.97057826	0.2277882181	0.55	0s:516ms
1523	41.75422963	41.97057826	0.2163486306	0.52	0s:531ms
1524	41.76924824	41.97057826	0.2013300233	0.48	0s:522ms
1525	41.78373893	41.97057826	0.1868393303	0.45	0s:544ms
1526	41.80038321	41.99827529	0.1978920829	0.47	0s:528ms
1527	41.80459326	41.99827529	0.1936820344	0.46	0s:522ms
1528	41.81266623	42.02111737	0.2084511385	0.50	0s:511ms
1529	41.82147387	42.02111737	0.1996434959	0.48	0s:544ms
1530	41.84064514	42.039617	0.1989718559	0.48	0s:527ms
1531	41.84847875	42.039617	0.1911382478	0.46	0s:524ms
1532	41.86725499	42.039617	0.1723620065	0.41	0s:543ms
1533	41.87227741	42.07349589	0.2012184822	0.48	0s:537ms
1534	41.88405295	42.08787259	0.2038196367	0.49	0s:543ms
1535	41.89607923	42.11593121	0.2198519793	0.52	0s:525ms
1536	41.9174048	42.11593121	0.1985264081	0.47	0s:538ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1537	41.92864409	42.13014797	0.2015038794	0.48	0s:531ms
1538	41.95256938	42.13014797	0.1775785916	0.42	0s:531ms
1539	41.94937999	42.13014797	0.1807679755	0.43	0s:561ms
1540	41.96265632	42.13014797	0.1674916520	0.40	0s:546ms
1541	41.98265072	42.1687184	0.1860676847	0.44	0s:531ms
1542	42.00594467	42.1687184	0.1627737346	0.39	0s:546ms
1543	42.01943968	42.21916263	0.1997229513	0.48	0s:545ms
1544	42.03440795	42.21916263	0.1847546814	0.44	0s:547ms
1545	42.04612151	42.21916263	0.1730411180	0.41	0s:542ms
1546	42.05919331	42.23263569	0.1734423798	0.41	0s:539ms
1547	42.07603815	42.27250821	0.1964700564	0.47	0s:552ms
1548	42.08729167	42.27250821	0.1852165323	0.44	0s:559ms
1549	42.09258574	42.31388835	0.2213026025	0.53	0s:543ms
1550	42.10597792	42.33894084	0.2329629218	0.55	0s:534ms
1551	42.11811496	42.34197392	0.2238589659	0.53	0s:552ms
1552	42.12387199	42.34197392	0.2181019321	0.52	0s:559ms
1553	42.13352186	42.38178859	0.2482667273	0.59	0s:555ms
1554	42.14584227	42.39015197	0.2443097030	0.58	0s:557ms
1555	42.16032342	42.39015197	0.2298285569	0.55	0s:545ms
1556	42.17343547	42.39015197	0.2167165064	0.51	0s:536ms
1557	42.20327578	42.39015197	0.1868761906	0.44	0s:554ms
1558	42.20503813	42.39394348	0.1889053487	0.45	0s:576ms
1559	42.22661262	42.39394348	0.1673308612	0.40	0s:555ms
1560	42.23658935	42.39394348	0.1573541376	0.37	0s:536ms
1561	42.24045817	42.42944316	0.1889849903	0.45	0s:555ms
1562	42.25992453	42.43445352	0.1745289984	0.41	0s:555ms
1563	42.2670631	42.43445352	0.1673904245	0.40	0s:546ms
1564	42.27739048	42.46139017	0.1839996904	0.44	0s:546ms
1565	42.28470809	42.46139017	0.1766820818	0.42	0s:531ms
1566	42.31195588	42.46139017	0.1494342920	0.35	0s:549ms
1567	42.32762693	42.49932416	0.1716972355	0.41	0s:544ms
1568	42.34222763	42.52745758	0.1852299502	0.44	0s:557ms
1569	42.34459804	42.58147467	0.2368766344	0.56	0s:549ms
1570	42.35480576	42.6293444	0.2745386359	0.65	0s:553ms
1571	42.37625812	42.6293444	0.2530862753	0.60	0s:561ms
1572	42.39655173	42.6293444	0.2327926699	0.55	0s:561ms
1573	42.42893075	42.6293444	0.2004136442	0.47	0s:546ms
1574	42.43868568	42.6293444	0.1906587205	0.45	0s:551ms
1575	42.45299522	42.63662535	0.1836301238	0.43	0s:565ms
1576	42.47374817	42.67733197	0.2035838028	0.48	0s:592ms
1577	42.48866245	42.67733197	0.1886695198	0.44	0s:580ms
1578	42.51426889	42.67733197	0.1630630822	0.38	0s:552ms
1579	42.50949714	42.67733197	0.1678348238	0.39	0s:568ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1580	42.53998279	42.67733197	0.1373491786	0.32	0s:568ms
1581	42.54004617	42.67733197	0.1372857994	0.32	0s:578ms
1582	42.54172371	42.67733197	0.1356082575	0.32	0s:556ms
1583	42.56134365	42.69047279	0.1291291424	0.30	0s:578ms
1584	42.58587142	42.69080782	0.1049363993	0.25	0s:558ms
1585	42.59630597	42.69080782	0.0945018552	0.22	0s:587ms
1586	42.62194679	42.69080782	0.0688610337	0.16	0s:548ms
1587	42.63047296	42.76940153	0.1389285733	0.33	0s:565ms
1588	42.64973362	42.78134075	0.1316071293	0.31	0s:560ms
1589	42.61561804	42.78134075	0.1657227089	0.39	0s:574ms
1590	42.62913075	42.79720236	0.1680716153	0.39	0s:569ms
1591	42.63511488	42.81337059	0.1782557104	0.42	0s:559ms
1592	42.64529817	42.81337059	0.1680724284	0.39	0s:561ms
1593	42.65353336	42.86884283	0.2153094755	0.50	0s:578ms
1594	42.65694298	42.86884283	0.2118998479	0.50	0s:574ms
1595	42.6685013	42.88289806	0.2143967620	0.50	0s:556ms
1596	42.68378539	42.88413771	0.2003523187	0.47	0s:560ms
1597	42.67043682	42.92276541	0.2523285949	0.59	0s:597ms
1598	42.69954389	42.93386435	0.2343204596	0.55	0s:567ms
1599	42.71163984	42.93386435	0.2222245090	0.52	0s:577ms
1600	42.73737015	42.93386435	0.1964942049	0.46	0s:587ms
1601	42.74584257	42.97731152	0.2314689530	0.54	0s:585ms
1602	42.75877777	43.00807708	0.2492993075	0.58	0s:566ms
1603	42.78326083	43.03366666	0.2504058327	0.59	0s:592ms
1604	42.80146255	43.03618402	0.2347214666	0.55	0s:596ms
1605	42.80507883	43.03621977	0.2311409353	0.54	0s:570ms
1606	42.80892702	43.06102008	0.2520930550	0.59	0s:566ms
1607	42.82372933	43.108047	0.2843176745	0.66	0s:555ms
1608	42.83467292	43.11806206	0.2833891408	0.66	0s:583ms
1609	42.86232307	43.11806206	0.2557389938	0.60	0s:585ms
1610	42.86285993	43.11806206	0.2552021297	0.60	0s:585ms
1611	42.86715067	43.14319791	0.2760472400	0.64	0s:561ms
1612	42.87558794	43.14319791	0.2676099666	0.62	0s:587ms
1613	42.88722899	43.14319791	0.2559689159	0.60	0s:592ms
1614	42.89071354	43.17204252	0.2813289782	0.66	0s:602ms
1615	42.89797382	43.18875683	0.2907830086	0.68	0s:567ms
1616	42.92874636	43.18875683	0.2600104712	0.61	0s:598ms
1617	42.93588821	43.22482167	0.2889334617	0.67	0s:576ms
1618	42.94012317	43.22482167	0.2846985060	0.66	0s:581ms
1619	42.95978885	43.22936251	0.2695736570	0.63	0s:599ms
1620	42.99310848	43.24004631	0.2469378314	0.57	0s:594ms
1621	42.99473986	43.2438253	0.2490854351	0.58	0s:593ms
1622	43.00720562	43.26452155	0.2573159336	0.60	0s:595ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1623	43.01557997	43.28635754	0.2707775688	0.63	0s:579ms
1624	43.02983606	43.28635754	0.2565214838	0.60	0s:597ms
1625	43.04658317	43.29527977	0.2486966078	0.58	0s:603ms
1626	43.03724598	43.30566631	0.2684203278	0.62	0s:577ms
1627	43.0426984	43.30566631	0.2629679103	0.61	0s:589ms
1628	43.11141158	43.33497275	0.2235611656	0.52	0s:604ms
1629	43.11250392	43.33497275	0.2224688248	0.52	0s:593ms
1630	43.12098798	43.36649443	0.2455064501	0.57	0s:571ms
1631	43.13583226	43.36649443	0.2306621716	0.53	0s:587ms
1632	43.15671489	43.38707223	0.2303573383	0.53	0s:614ms
1633	43.16090053	43.38707223	0.2261717001	0.52	0s:598ms
1634	43.18415943	43.40298586	0.2188264282	0.51	0s:575ms
1635	43.20275378	43.40298586	0.2002320827	0.46	0s:593ms
1636	43.21452118	43.40298586	0.1884646829	0.44	0s:605ms
1637	43.22968711	43.40298586	0.1732987524	0.40	0s:595ms
1638	43.23018548	43.42396741	0.1937819266	0.45	0s:601ms
1639	43.22627659	43.42482908	0.1985524878	0.46	0s:609ms
1640	43.27259973	43.42482908	0.1522293529	0.35	0s:619ms
1641	43.29124524	43.42482908	0.1335838430	0.31	0s:588ms
1642	43.31580233	43.42482908	0.1090267473	0.25	0s:598ms
1643	43.32988292	43.53499203	0.2051091088	0.47	0s:599ms
1644	43.34434331	43.55298205	0.2086387404	0.48	0s:601ms
1645	43.36193109	43.55298205	0.1910509606	0.44	0s:595ms
1646	43.37139241	43.55298205	0.1815896358	0.42	0s:598ms
1647	43.39531306	43.59476013	0.1994470758	0.46	0s:611ms
1648	43.40527975	43.59476013	0.1894803801	0.44	0s:628ms
1649	43.41828093	43.60571724	0.1874363071	0.43	0s:591ms
1650	43.42528083	43.6144549	0.1891740666	0.44	0s:597ms
1651	43.43178466	43.6144549	0.1826702314	0.42	0s:603ms
1652	43.46956965	43.64384672	0.1742770705	0.40	0s:620ms
1653	43.4756576	43.66126288	0.1856052790	0.43	0s:612ms
1654	43.49036893	43.75511665	0.2647477223	0.61	0s:609ms
1655	43.50801002	43.75511665	0.2471066364	0.57	0s:621ms
1656	43.51651711	43.75511665	0.2385995462	0.55	0s:605ms
1657	43.5330174	43.75511665	0.2220992547	0.51	0s:593ms
1658	43.53645083	43.75511665	0.2186658179	0.50	0s:624ms
1659	43.54369616	43.75511665	0.2114204927	0.49	0s:603ms
1660	43.57003092	43.75511665	0.1850857376	0.42	0s:609ms
1661	43.58419577	43.75511665	0.1709208861	0.39	0s:583ms
1662	43.59260819	43.75511665	0.1625084665	0.37	0s:601ms
1663	43.59262347	43.75511665	0.1624931796	0.37	0s:619ms
1664	43.59615171	43.89212858	0.2959768663	0.68	0s:614ms
1665	43.61934013	43.89212858	0.2727884455	0.63	0s:612ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1666	43.62798588	43.90373258	0.2757467038	0.63	0s:628ms
1667	43.63063913	43.90482145	0.2741823168	0.63	0s:631ms
1668	43.65835834	44.03010772	0.3717493841	0.85	0s:607ms
1669	43.66472013	44.03010772	0.3653875956	0.84	0s:612ms
1670	43.68925866	44.03010772	0.3408490689	0.78	0s:601ms
1671	43.70717854	44.03010772	0.3229291806	0.74	0s:623ms
1672	43.71303727	44.07594938	0.3629121078	0.83	0s:637ms
1673	43.72765792	44.07594938	0.3482914592	0.80	0s:612ms
1674	43.73398375	44.07594938	0.3419656304	0.78	0s:623ms
1675	43.74154989	44.07594938	0.3343994910	0.76	0s:620ms
1676	43.75040255	44.0864086	0.3360060570	0.77	0s:620ms
1677	43.76406087	44.08871786	0.3246569848	0.74	0s:611ms
1678	43.77725116	44.08871786	0.3114666943	0.71	0s:629ms
1679	43.79871496	44.08871786	0.2900028990	0.66	0s:617ms
1680	43.8146248	44.08871786	0.2740930520	0.63	0s:623ms
1681	43.81809077	44.11247313	0.2943823546	0.67	0s:618ms
1682	43.82485937	44.11247313	0.2876137541	0.66	0s:625ms
1683	43.85190795	44.11247313	0.2605651822	0.59	0s:629ms
1684	43.85513589	44.12297558	0.2678396925	0.61	0s:632ms
1685	43.8864859	44.12297558	0.2364896797	0.54	0s:626ms
1686	43.89528268	44.17124898	0.2759663062	0.63	0s:634ms
1687	43.90017261	44.17124898	0.2710763721	0.62	0s:633ms
1688	43.90106322	44.17124898	0.2701857654	0.62	0s:639ms
1689	43.90133283	44.17124898	0.2699161483	0.61	0s:645ms
1690	43.92217015	44.17644158	0.2542714337	0.58	0s:622ms
1691	43.93242426	44.18752045	0.2550961887	0.58	0s:606ms
1692	43.94928228	44.20432077	0.2550384879	0.58	0s:620ms
1693	43.96951608	44.20432077	0.2348046879	0.53	0s:619ms
1694	43.97411814	44.20432077	0.2302026306	0.52	0s:635ms
1695	43.99936952	44.20432077	0.2049512516	0.47	0s:634ms
1696	44.01819126	44.24761693	0.2294256631	0.52	0s:622ms
1697	44.02354388	44.24761693	0.2240730478	0.51	0s:653ms
1698	44.04017349	44.28287546	0.2427019685	0.55	0s:628ms
1699	44.047619	44.28357776	0.2359587584	0.54	0s:650ms
1700	44.06322161	44.30874729	0.2455256780	0.56	0s:638ms
1701	44.07549874	44.32361699	0.2481182524	0.56	0s:649ms
1702	44.08370316	44.32361699	0.2399138297	0.54	0s:663ms
1703	44.08602849	44.32361699	0.2375885038	0.54	0s:631ms
1704	44.12510225	44.32361699	0.1985147385	0.45	0s:638ms
1705	44.1263281	44.33748357	0.2111554686	0.48	0s:634ms
1706	44.14436149	44.38119619	0.2368347016	0.54	0s:634ms
1707	44.15775887	44.38119619	0.2234373156	0.51	0s:626ms
1708	44.16884173	44.38119619	0.2123544635	0.48	0s:637ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1709	44.18889828	44.40148087	0.2125825880	0.48	0s:634ms
1710	44.2022492	44.40801031	0.2057611136	0.47	0s:645ms
1711	44.20345297	44.4326367	0.2291837298	0.52	0s:654ms
1712	44.22558027	44.43555436	0.2099740957	0.47	0s:619ms
1713	44.24073129	44.43555436	0.1948230721	0.44	0s:671ms
1714	44.24796524	44.48864828	0.2406830390	0.54	0s:625ms
1715	44.27019485	44.48864828	0.2184534375	0.49	0s:622ms
1716	44.28262886	44.48864828	0.2060194245	0.47	0s:627ms
1717	44.28829732	44.48864828	0.2003509662	0.45	0s:648ms
1718	44.30513374	44.52745847	0.2223247229	0.50	0s:621ms
1719	44.30933533	44.52745847	0.2181231340	0.49	0s:621ms
1720	44.31150213	44.52745847	0.2159563353	0.49	0s:654ms
1721	44.31269005	44.55602687	0.2433368138	0.55	0s:642ms
1722	44.31283645	44.56865679	0.2558203449	0.58	0s:650ms
1723	44.31334132	44.58093568	0.2675943598	0.60	0s:650ms
1724	44.35622977	44.61877716	0.2625473858	0.59	0s:626ms
1725	44.38490745	44.61877716	0.2338697103	0.53	0s:663ms
1726	44.39779214	44.62683443	0.2290422926	0.52	0s:657ms
1727	44.40664864	44.64353815	0.2368895134	0.53	0s:638ms
1728	44.41735707	44.64353815	0.2261810803	0.51	0s:634ms
1729	44.42321047	44.64353815	0.2203276829	0.50	0s:652ms
1730	44.43881581	44.64353815	0.2047223394	0.46	0s:666ms
1731	44.45185374	44.71611666	0.2642629228	0.59	0s:659ms
1732	44.46411151	44.71611666	0.2520051513	0.57	0s:667ms
1733	44.46737236	44.71611666	0.2487443059	0.56	0s:625ms
1734	44.47615334	44.72954848	0.2533951419	0.57	0s:649ms
1735	44.46638036	44.7567818	0.2904014361	0.65	0s:635ms
1736	44.48237929	44.7567818	0.2744025039	0.62	0s:647ms
1737	44.49005638	44.7567818	0.2667254138	0.60	0s:652ms
1738	44.49821615	44.7567818	0.2585656455	0.58	0s:662ms
1739	44.50457268	44.80196622	0.2973935425	0.67	0s:681ms
1740	44.51303648	44.80196622	0.2889297465	0.65	0s:640ms
1741	44.52238969	44.80196622	0.2795765272	0.63	0s:654ms
1742	44.54209524	44.80196622	0.2598709807	0.58	0s:647ms
1743	44.55218449	44.80792507	0.2557405827	0.57	0s:650ms
1744	44.55433922	44.80792507	0.2535858513	0.57	0s:651ms
1745	44.56183978	44.83876628	0.2769265026	0.62	0s:671ms
1746	44.5801475	44.83876628	0.2586187854	0.58	0s:639ms
1747	44.59079248	44.83876628	0.2479738058	0.56	0s:649ms
1748	44.59715285	44.83876628	0.2416134291	0.54	0s:675ms
1749	44.60708988	44.8548743	0.2477844224	0.56	0s:652ms
1750	44.62694091	44.8548743	0.2279333919	0.51	0s:667ms
1751	44.63925603	44.8548743	0.2156182762	0.48	0s:675ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1752	44.65436123	44.8548743	0.2005130697	0.45	0s:675ms
1753	44.67005658	44.88861513	0.2185585520	0.49	0s:681ms
1754	44.67281966	44.92107577	0.2482561119	0.56	0s:647ms
1755	44.68572851	44.92451431	0.2387857956	0.53	0s:682ms
1756	44.70108009	44.92903368	0.2279535914	0.51	0s:653ms
1757	44.71715019	44.94123406	0.2240838753	0.50	0s:667ms
1758	44.74032342	44.94123406	0.2009106403	0.45	0s:660ms
1759	44.72565937	44.95878167	0.2331222996	0.52	0s:649ms
1760	44.76505344	44.95878167	0.1937282301	0.43	0s:639ms
1761	44.78795501	44.95878167	0.1708266566	0.38	0s:662ms
1762	44.79790185	44.9808373	0.1829354491	0.41	0s:680ms
1763	44.80403416	44.9808373	0.1768031358	0.39	0s:650ms
1764	44.80810498	44.9808373	0.1727323188	0.39	0s:657ms
1765	44.81083423	45.04878925	0.2379550175	0.53	0s:659ms
1766	44.83504476	45.04878925	0.2137444903	0.48	0s:671ms
1767	44.85818419	45.06559292	0.2074087243	0.46	0s:667ms
1768	44.86660089	45.06559292	0.1989920248	0.44	0s:658ms
1769	44.87491726	45.06559292	0.1906756609	0.42	0s:674ms
1770	44.8844511	45.06559292	0.1811418204	0.40	0s:642ms
1771	44.9165013	45.06982624	0.1533249350	0.34	0s:678ms
1772	44.93576264	45.06982624	0.1340635997	0.30	0s:650ms
1773	44.98093538	45.1059836	0.1250482196	0.28	0s:679ms
1774	44.98158336	45.14837682	0.1667934676	0.37	0s:655ms
1775	44.99146672	45.14837682	0.1569101086	0.35	0s:671ms
1776	44.99983045	45.14837682	0.1485463710	0.33	0s:653ms
1777	45.00495006	45.15487893	0.1499288743	0.33	0s:672ms
1778	45.03828793	45.22668877	0.1884008405	0.42	0s:670ms
1779	45.06677745	45.22668877	0.1599113213	0.35	0s:684ms
1780	45.06830981	45.22668877	0.1583789694	0.35	0s:689ms
1781	45.08685344	45.22668877	0.1398353382	0.31	0s:674ms
1782	45.11298015	45.22668877	0.1137086274	0.25	0s:668ms
1783	45.11464447	45.22668877	0.1120443062	0.25	0s:692ms
1784	45.12685367	45.22668877	0.0998351048	0.22	0s:673ms
1785	45.13152499	45.22668877	0.0951637811	0.21	0s:666ms
1786	45.13342062	45.22668877	0.0932681511	0.21	0s:703ms
1787	45.13545869	45.22668877	0.0912300854	0.20	0s:685ms
1788	45.13622235	45.22668877	0.0904664220	0.20	0s:682ms
1789	45.13551597	45.22668877	0.0911728022	0.20	0s:680ms
1790	45.1824174	45.38131273	0.1988953244	0.44	0s:701ms
1791	45.20613315	45.38131273	0.1751795765	0.39	0s:713ms
1792	45.24303409	45.39567538	0.1526412955	0.34	0s:674ms
1793	45.26233817	45.40256545	0.1402272852	0.31	0s:700ms
1794	45.28095381	45.45039816	0.1694443486	0.37	0s:673ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1795	45.2828457	45.45210037	0.1692546699	0.37	0s:678ms
1796	45.29704561	45.45210037	0.1550547588	0.34	0s:688ms
1797	45.30876505	45.46761959	0.1588545436	0.35	0s:687ms
1798	45.32289102	45.48343229	0.1605412714	0.35	0s:685ms
1799	45.33405819	45.48343229	0.1493741071	0.33	0s:674ms
1800	45.34079218	45.52705198	0.1862598028	0.41	0s:687ms
1801	45.35834761	45.5440681	0.1857204886	0.41	0s:718ms
1802	45.36493208	45.58936965	0.2244375737	0.49	0s:679ms
1803	45.3731782	45.62577963	0.2526014350	0.56	0s:679ms
1804	45.38849687	45.64795582	0.2594589526	0.57	0s:679ms
1805	45.40011049	45.64795582	0.2478453347	0.55	0s:705ms
1806	45.40857583	45.64795582	0.2393799882	0.53	0s:690ms
1807	45.4157943	45.71448719	0.2986928857	0.66	0s:711ms
1808	45.41755535	45.71448719	0.2969318378	0.65	0s:708ms
1809	45.43884019	45.72513701	0.2862968151	0.63	0s:676ms
1810	45.44563239	45.72930121	0.2836688241	0.62	0s:695ms
1811	45.45690607	45.72930121	0.2723951445	0.60	0s:699ms
1812	45.46676379	45.74156367	0.2747998716	0.60	0s:701ms
1813	45.48262534	45.74156367	0.2589383251	0.57	0s:681ms
1814	45.49488937	45.74156367	0.2466742959	0.54	0s:715ms
1815	45.50139632	45.74156367	0.2401673410	0.53	0s:689ms
1816	45.51875747	45.77980314	0.2610456681	0.57	0s:707ms
1817	45.52768625	45.77980314	0.2521168930	0.55	0s:698ms
1818	45.53654056	45.77980314	0.2432625762	0.53	0s:696ms
1819	45.55544297	45.77980314	0.2243601744	0.49	0s:705ms
1820	45.56783377	45.81187422	0.2440404513	0.54	0s:707ms
1821	45.58033254	45.81187422	0.2315416793	0.51	0s:680ms
1822	45.58457446	45.81187422	0.2272997591	0.50	0s:717ms
1823	45.59807489	45.83077593	0.2327010337	0.51	0s:725ms
1824	45.60877605	45.84419074	0.2354146897	0.52	0s:707ms
1825	45.617371	45.84997433	0.2326033239	0.51	0s:702ms
1826	45.62675099	45.84997433	0.2232233345	0.49	0s:697ms
1827	45.64930227	45.84997433	0.2006720548	0.44	0s:704ms
1828	45.66796329	45.86661172	0.1986484271	0.43	0s:687ms
1829	45.67249791	45.86661172	0.1941138140	0.43	0s:697ms
1830	45.67393819	45.86661172	0.1926735304	0.42	0s:703ms
1831	45.68617544	45.88360965	0.1974342122	0.43	0s:716ms
1832	45.6962573	45.88360965	0.1873523475	0.41	0s:709ms
1833	45.70282484	45.89798102	0.1951561824	0.43	0s:722ms
1834	45.72301678	45.9178033	0.1947865244	0.43	0s:707ms
1835	45.72479442	45.95139793	0.2266035076	0.50	0s:727ms
1836	45.73754365	45.98065428	0.2431106231	0.53	0s:720ms
1837	45.75102216	45.98065428	0.2296321164	0.50	0s:712ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1838	45.76642887	45.98065428	0.2142254054	0.47	0s:707ms
1839	45.77774939	45.9962053	0.2184559160	0.48	0s:714ms
1840	45.78735583	46.03267156	0.2453157323	0.54	0s:715ms
1841	45.79365748	46.03267156	0.2390140845	0.52	0s:726ms
1842	45.8056353	46.03338967	0.2277543698	0.50	0s:707ms
1843	45.81173489	46.03338967	0.2216547807	0.48	0s:721ms
1844	45.8292427	46.0746542	0.2454114961	0.54	0s:712ms
1845	45.86803385	46.08030672	0.2122728659	0.46	0s:703ms
1846	45.87763707	46.08030672	0.2026696538	0.44	0s:694ms
1847	45.88161423	46.10191365	0.2202994185	0.48	0s:722ms
1848	45.90889726	46.10191365	0.1930163946	0.42	0s:710ms
1849	45.93051433	46.11168257	0.1811682353	0.39	0s:708ms
1850	45.95115547	46.15141038	0.2002549072	0.44	0s:738ms
1851	45.96388239	46.18491151	0.2210291169	0.48	0s:718ms
1852	45.98065975	46.18829911	0.2076393538	0.45	0s:745ms
1853	46.00176836	46.18829911	0.1865307424	0.41	0s:716ms
1854	46.00995624	46.18829911	0.1783428721	0.39	0s:704ms
1855	46.0360856	46.22515949	0.1890738847	0.41	0s:714ms
1856	46.04373307	46.23425593	0.1905228591	0.41	0s:718ms
1857	46.04845701	46.23425593	0.1857989185	0.40	0s:731ms
1858	46.06042281	46.24694069	0.1865178790	0.40	0s:750ms
1859	46.07293765	46.24694069	0.1740030322	0.38	0s:723ms
1860	46.07431241	46.26874799	0.1944355759	0.42	0s:730ms
1861	46.07952237	46.26874799	0.1892256239	0.41	0s:728ms
1862	46.08046227	46.26874799	0.1882857193	0.41	0s:733ms
1863	46.08543677	46.29403272	0.2085959451	0.45	0s:740ms
1864	46.08591079	46.29403272	0.2081219229	0.45	0s:714ms
1865	46.0864861	46.35420107	0.2677149705	0.58	0s:721ms
1866	46.08719737	46.35470549	0.2675081139	0.58	0s:724ms
1867	46.07770022	46.35470549	0.2770052634	0.60	0s:738ms
1868	46.12364051	46.35470549	0.2310649772	0.50	0s:732ms
1869	46.12756937	46.35470549	0.2271361177	0.49	0s:728ms
1870	46.15631032	46.35470549	0.1983951696	0.43	0s:752ms
1871	46.16675566	46.44246639	0.2757107262	0.60	0s:720ms
1872	46.1936485	46.44246639	0.2488178921	0.54	0s:744ms
1873	46.19462382	46.4499279	0.2553040787	0.55	0s:748ms
1874	46.19581487	46.45045139	0.2546365219	0.55	0s:724ms
1875	46.19770853	46.48550924	0.2878007050	0.62	0s:735ms
1876	46.20689375	46.49474276	0.2878490108	0.62	0s:728ms
1877	46.22192012	46.521428	0.2995078804	0.65	0s:759ms
1878	46.22496534	46.53323389	0.3082685538	0.67	0s:759ms
1879	46.22682797	46.53323389	0.3064059252	0.66	0s:734ms
1880	46.25494514	46.57417247	0.3192273294	0.69	0s:724ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1881	46.2705568	46.58318758	0.3126307759	0.68	0s:749ms
1882	46.27959615	46.58318758	0.3035914236	0.66	0s:742ms
1883	46.28524559	46.58318758	0.2979419817	0.64	0s:725ms
1884	46.30074109	46.5857361	0.2849950079	0.62	0s:722ms
1885	46.30191475	46.5857361	0.2838213474	0.61	0s:739ms
1886	46.31977653	46.5857361	0.2659595733	0.57	0s:717ms
1887	46.34268573	46.5857361	0.2430503753	0.52	0s:747ms
1888	46.34622884	46.63989483	0.2936659899	0.63	0s:742ms
1889	46.34655785	46.63989483	0.2933369833	0.63	0s:751ms
1890	46.35559922	46.63989483	0.2842956050	0.61	0s:738ms
1891	46.34356959	46.63989483	0.2963252388	0.64	0s:741ms
1892	46.4017028	46.63989483	0.2381920326	0.51	0s:725ms
1893	46.43760356	46.65476931	0.2171657449	0.47	0s:727ms
1894	46.44044606	46.65476931	0.2143232518	0.46	0s:755ms
1895	46.45154373	46.75555151	0.3040077821	0.65	0s:757ms
1896	46.4562461	46.76381022	0.3075641265	0.66	0s:764ms
1897	46.47246918	46.76381022	0.2913410469	0.63	0s:760ms
1898	46.48568661	46.76381022	0.2781236169	0.60	0s:760ms
1899	46.50213264	46.7648565	0.2627238629	0.56	0s:750ms
1900	46.51936107	46.78978667	0.2704255936	0.58	0s:734ms
1901	46.52281022	46.78978667	0.2669764446	0.57	0s:735ms
1902	46.54417961	46.81425659	0.2700769817	0.58	0s:760ms
1903	46.54660442	46.82784047	0.2812360528	0.60	0s:756ms
1904	46.55753179	46.84002267	0.2824908827	0.61	0s:744ms
1905	46.56614003	46.85095076	0.2848107283	0.61	0s:752ms
1906	46.57246475	46.85095076	0.2784860079	0.60	0s:767ms
1907	46.5855255	46.87233218	0.2868066807	0.62	0s:755ms
1908	46.60164243	46.87370747	0.2720650425	0.58	0s:736ms
1909	46.60365695	46.88765214	0.2839951887	0.61	0s:771ms
1910	46.6054474	46.90968009	0.3042326967	0.65	0s:775ms
1911	46.61158864	46.90968009	0.2980914502	0.64	0s:756ms
1912	46.62200102	46.92447875	0.3024777280	0.65	0s:748ms
1913	46.63240633	46.92447875	0.2920724211	0.63	0s:764ms
1914	46.64478974	46.92447875	0.2796890139	0.60	0s:764ms
1915	46.65047366	46.92447875	0.2740050944	0.59	0s:776ms
1916	46.70306687	46.92458568	0.2215188113	0.47	0s:739ms
1917	46.7139522	46.94475328	0.2308010752	0.49	0s:767ms
1918	46.73292132	46.94475328	0.2118319568	0.45	0s:762ms
1919	46.74415321	46.97071906	0.2265658534	0.48	0s:765ms
1920	46.74818249	46.98446356	0.2362810662	0.51	0s:764ms
1921	46.75380503	47.00529895	0.2514939270	0.54	0s:761ms
1922	46.7842419	47.00568646	0.2214445603	0.47	0s:770ms
1923	46.79906185	47.00568646	0.2066246120	0.44	0s:755ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1924	46.8172675	47.00568646	0.1884189566	0.40	0s:757ms
1925	46.83606919	47.01602734	0.1799581445	0.38	0s:760ms
1926	46.84710546	47.02564503	0.1785395665	0.38	0s:746ms
1927	46.86990393	47.10122084	0.2313169002	0.49	0s:761ms
1928	46.87127249	47.10934784	0.2380753514	0.51	0s:743ms
1929	46.88732578	47.13332563	0.2459998455	0.52	0s:767ms
1930	46.91975751	47.16048886	0.2407313430	0.51	0s:760ms
1931	46.91797289	47.16048886	0.2425159663	0.52	0s:780ms
1932	46.93216789	47.16048886	0.2283209664	0.49	0s:768ms
1933	46.93536446	47.18168933	0.2463248782	0.52	0s:754ms
1934	46.94564186	47.20215209	0.2565102229	0.55	0s:769ms
1935	46.95756175	47.2063026	0.2487408518	0.53	0s:774ms
1936	46.97728547	47.26385385	0.2865683799	0.61	0s:764ms
1937	46.98630757	47.26673822	0.2804306487	0.60	0s:759ms
1938	47.00030517	47.26673822	0.2664330512	0.57	0s:783ms
1939	47.01370803	47.30366397	0.2899559342	0.62	0s:770ms
1940	47.01826548	47.31210659	0.2938411063	0.62	0s:766ms
1941	47.02607131	47.31210659	0.2860352786	0.61	0s:762ms
1942	47.03073549	47.31210659	0.2813710956	0.60	0s:757ms
1943	47.05534507	47.3306979	0.2753528328	0.59	0s:760ms
1944	47.06263332	47.33634186	0.2737085416	0.58	0s:778ms
1945	47.09180205	47.33634186	0.2445398124	0.52	0s:796ms
1946	47.10081692	47.33634186	0.2355249466	0.50	0s:782ms
1947	47.10500512	47.35321863	0.2482135071	0.53	0s:757ms
1948	47.11490066	47.36965771	0.2547570477	0.54	0s:758ms
1949	47.1280576	47.36965771	0.2416001069	0.51	0s:771ms
1950	47.13700352	47.38997285	0.2529693346	0.54	0s:766ms
1951	47.15321705	47.41274461	0.2595275624	0.55	0s:786ms
1952	47.17303417	47.42296562	0.2499314584	0.53	0s:770ms
1953	47.18107208	47.42296562	0.2418935451	0.51	0s:786ms
1954	47.1886906	47.4354649	0.2467742992	0.52	0s:777ms
1955	47.22667877	47.4354649	0.2087861287	0.44	0s:788ms
1956	47.22823158	47.4354649	0.2072333224	0.44	0s:794ms
1957	47.23637761	47.4354649	0.1990872862	0.42	0s:805ms
1958	47.24443034	47.4362489	0.1918185533	0.41	0s:761ms
1959	47.25330701	47.4362489	0.1829418869	0.39	0s:803ms
1960	47.26483909	47.4362489	0.1714098011	0.36	0s:793ms
1961	47.28410072	47.51509118	0.2309904673	0.49	0s:787ms
1962	47.28703076	47.51509118	0.2280604216	0.48	0s:809ms
1963	47.29713133	47.51727972	0.2201483904	0.47	0s:809ms
1964	47.31194802	47.51727972	0.2053316990	0.43	0s:786ms
1965	47.31506294	47.51727972	0.2022167857	0.43	0s:797ms
1966	47.33223123	47.57199511	0.2397638872	0.51	0s:815ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
1967	47.35826434	47.57199511	0.2137307705	0.45	0s:797ms
1968	47.3617726	47.57199511	0.2102225173	0.44	0s:793ms
1969	47.37123707	47.58551277	0.2142756993	0.45	0s:787ms
1970	47.37543341	47.58551277	0.2100793626	0.44	0s:785ms
1971	47.39251556	47.64539593	0.2528803657	0.53	0s:789ms
1972	47.40368258	47.64539593	0.2417133538	0.51	0s:794ms
1973	47.41803396	47.66240908	0.2443751238	0.52	0s:789ms
1974	47.42041319	47.66558309	0.2451699020	0.52	0s:811ms
1975	47.43777158	47.66558309	0.2278115105	0.48	0s:812ms
1976	47.44778461	47.66558309	0.2177984809	0.46	0s:778ms
1977	47.46489804	47.67996467	0.2150666259	0.45	0s:783ms
1978	47.47358409	47.67996467	0.2063805794	0.43	0s:807ms
1979	47.49089157	47.69538205	0.2044904823	0.43	0s:801ms
1980	47.49564218	47.69538205	0.1997398761	0.42	0s:816ms
1981	47.51549665	47.71742233	0.2019256749	0.42	0s:790ms
1982	47.5268316	47.72493599	0.1981043841	0.42	0s:805ms
1983	47.54564676	47.72493599	0.1792892225	0.38	0s:795ms
1984	47.55096157	47.72493599	0.1739744166	0.37	0s:832ms
1985	47.56289764	47.72493599	0.1620383501	0.34	0s:814ms
1986	47.57911824	47.74938153	0.1702632899	0.36	0s:800ms
1987	47.58591127	47.75807292	0.1721616434	0.36	0s:773ms
1988	47.59805407	47.75807292	0.1600188422	0.34	0s:796ms
1989	47.61196229	47.76809655	0.1561342684	0.33	0s:809ms
1990	47.61784873	47.76809655	0.1502478275	0.32	0s:806ms
1991	47.63207392	47.83655264	0.2044787259	0.43	0s:827ms
1992	47.64384552	47.83655264	0.1927071258	0.40	0s:800ms
1993	47.65885969	47.83655264	0.1776929530	0.37	0s:796ms
1994	47.67735876	47.84958384	0.1722250827	0.36	0s:804ms
1995	47.70006966	47.88767975	0.1876100944	0.39	0s:829ms
1996	47.71181906	47.92029212	0.2084730565	0.44	0s:799ms
1997	47.718511	47.92029212	0.2017811159	0.42	0s:811ms
1998	47.73243364	47.96224525	0.2298116104	0.48	0s:832ms
1999	47.73858358	47.96224525	0.2236616771	0.47	0s:797ms
2000	47.74399336	47.98140222	0.2374088617	0.50	0s:820ms
2001	47.76343582	47.98358281	0.2201469911	0.46	0s:803ms
2002	47.7774853	47.98358281	0.2060975105	0.43	0s:826ms
2003	47.79237987	47.98358281	0.1912029393	0.40	0s:810ms
2004	47.80725097	48.00414612	0.1968951437	0.41	0s:816ms
2005	47.81423381	48.00488653	0.1906527156	0.40	0s:829ms
2006	47.8218097	48.04335106	0.2215413691	0.46	0s:807ms
2007	47.82640719	48.04596792	0.2195607218	0.46	0s:827ms
2008	47.83943489	48.04596792	0.2065330247	0.43	0s:801ms
2009	47.84057381	48.04596792	0.2053941099	0.43	0s:847ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2010	47.84238568	48.05454229	0.2121566190	0.44	0s:834ms
2011	47.85544346	48.05454229	0.1990988381	0.42	0s:808ms
2012	47.85579228	48.08508133	0.2292890453	0.48	0s:807ms
2013	47.86788178	48.10264047	0.2347586937	0.49	0s:816ms
2014	47.8706962	48.10264047	0.2319442702	0.48	0s:805ms
2015	47.87230478	48.14870094	0.2763961567	0.58	0s:815ms
2016	47.8754309	48.14870094	0.2732700336	0.57	0s:816ms
2017	47.88052657	48.14870094	0.2681743638	0.56	0s:849ms
2018	47.90145041	48.14870094	0.2472505251	0.52	0s:822ms
2019	47.91106514	48.14870094	0.2376358002	0.50	0s:837ms
2020	47.92079012	48.14870094	0.2279108214	0.48	0s:836ms
2021	47.92553345	48.14870094	0.2231674863	0.47	0s:818ms
2022	47.93309228	48.14870094	0.2156086529	0.45	0s:822ms
2023	47.94923016	48.14870094	0.1994707725	0.42	0s:856ms
2024	47.96094091	48.14870094	0.1877600272	0.39	0s:842ms
2025	47.97367496	48.23009233	0.2564173733	0.53	0s:855ms
2026	47.97544627	48.23829792	0.2628516476	0.55	0s:814ms
2027	47.97565828	48.31232087	0.3366625883	0.70	0s:838ms
2028	47.97645414	48.31807266	0.3416185209	0.71	0s:830ms
2029	47.97692356	48.37047807	0.3935545091	0.82	0s:837ms
2030	48.02417568	48.37047807	0.3463023958	0.72	0s:812ms
2031	48.04079349	48.38057806	0.3397845707	0.71	0s:840ms
2032	48.07219736	48.38057806	0.3083807004	0.64	0s:841ms
2033	48.08341782	48.38407321	0.3006553941	0.63	0s:826ms
2034	48.10040539	48.45544212	0.3550367229	0.74	0s:852ms
2035	48.10969499	48.46577715	0.3560821558	0.74	0s:848ms
2036	48.12513421	48.41182465	0.2866904407	0.60	0s:859ms
2037	48.15445407	48.41182465	0.2573705760	0.53	0s:839ms
2038	48.16747783	48.47598111	0.3085032768	0.64	0s:864ms
2039	48.17362935	48.44311323	0.2694838774	0.56	0s:828ms
2040	48.18204695	48.49174386	0.3096969105	0.64	0s:872ms
2041	48.19688258	48.51111578	0.3142331931	0.65	0s:838ms
2042	48.21073295	48.44751071	0.2367777557	0.49	0s:855ms
2043	48.22450624	48.47853414	0.2540278966	0.53	0s:833ms
2044	48.239792	48.51591073	0.2761187312	0.57	0s:850ms
2045	48.24328079	48.49187394	0.2485931459	0.52	0s:843ms
2046	48.24383329	48.52935935	0.2855260569	0.59	0s:829ms
2047	48.24939678	48.49479879	0.2454020126	0.51	0s:839ms
2048	48.25556081	48.49479879	0.2392379881	0.50	0s:837ms
2049	48.26763188	48.52895844	0.2613265563	0.54	0s:827ms
2050	48.27157877	48.54260871	0.2710299414	0.56	0s:870ms
2051	48.27421894	48.54260871	0.2683897734	0.56	0s:840ms
2052	48.2759064	48.54260871	0.2667023159	0.55	0s:843ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2053	48.27712935	48.55601067	0.2788813118	0.58	0s:822ms
2054	48.32039244	48.5721674	0.2517749607	0.52	0s:853ms
2055	48.3337399	48.59518647	0.2614465669	0.54	0s:846ms
2056	48.35284822	48.58176489	0.2289166772	0.47	0s:820ms
2057	48.36970137	48.58814845	0.2184470792	0.45	0s:822ms
2058	48.39792836	48.59518647	0.1972581144	0.41	0s:858ms
2059	48.40398294	48.59518647	0.1912035331	0.40	0s:863ms
2060	48.41685898	48.59518647	0.1783274935	0.37	0s:843ms
2061	48.43201626	48.66299419	0.2309779239	0.48	0s:863ms
2062	48.45085793	48.66299419	0.2121362572	0.44	0s:866ms
2063	48.45281925	48.68171261	0.2288933613	0.47	0s:867ms
2064	48.46265773	48.69551687	0.2328591402	0.48	0s:850ms
2065	48.46986858	48.69551687	0.2256482839	0.47	0s:853ms
2066	48.48102242	48.69551687	0.2144944450	0.44	0s:860ms
2067	48.49301129	48.69551687	0.2025055774	0.42	0s:849ms
2068	48.50614892	48.69551687	0.1893679483	0.39	0s:848ms
2069	48.51885474	48.69551687	0.1766621299	0.36	0s:849ms
2070	48.5396669	48.71090405	0.1712371524	0.35	0s:888ms
2071	48.54448552	48.71106942	0.1665838934	0.34	0s:858ms
2072	48.55900801	48.71151255	0.1525045372	0.31	0s:849ms
2073	48.56385148	48.72275176	0.1589002724	0.33	0s:855ms
2074	48.56624203	48.72275176	0.1565097284	0.32	0s:876ms
2075	48.56967328	48.83708774	0.2674144556	0.55	0s:863ms
2076	48.58176027	48.83986895	0.2581086856	0.53	0s:880ms
2077	48.57652068	48.86479897	0.2882782888	0.59	0s:850ms
2078	48.62289784	48.86744618	0.2445483395	0.50	0s:896ms
2079	48.62695961	48.86928482	0.2423252121	0.50	0s:847ms
2080	48.66346138	48.87548955	0.2120281738	0.44	0s:871ms
2081	48.68353312	48.92740218	0.2438690586	0.50	0s:863ms
2082	48.68568311	48.92740218	0.2417190603	0.50	0s:872ms
2083	48.70211144	48.92740218	0.2252907388	0.46	0s:858ms
2084	48.70710922	48.97328825	0.2661790244	0.55	0s:888ms
2085	48.7196277	48.97328825	0.2536605519	0.52	0s:858ms
2086	48.72889052	48.97328825	0.2443977317	0.50	0s:869ms
2087	48.74170543	48.97328825	0.2315828222	0.48	0s:894ms
2088	48.74783497	48.98327275	0.2354377770	0.48	0s:871ms
2089	48.75699582	48.98327275	0.2262769240	0.46	0s:887ms
2090	48.76689142	49.0418293	0.2749378823	0.56	0s:873ms
2091	48.77834935	49.0704236	0.2920742501	0.60	0s:870ms
2092	48.78176563	49.0704236	0.2886579731	0.59	0s:856ms
2093	48.78923839	49.07701227	0.2877738804	0.59	0s:893ms
2094	48.79966885	49.07933102	0.2796621673	0.57	0s:856ms
2095	48.82593438	49.08661075	0.2606763668	0.53	0s:896ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2096	48.82712153	49.08661075	0.2594892196	0.53	0s:877ms
2097	48.84513794	49.08661075	0.2414728047	0.49	0s:866ms
2098	48.8578256	49.08661075	0.2287851490	0.47	0s:904ms
2099	48.8790294	49.08661075	0.2075813461	0.42	0s:863ms
2100	48.88979441	49.09666981	0.2068754018	0.42	0s:894ms
2101	48.89412131	49.09881601	0.2046947034	0.42	0s:871ms
2102	48.90295352	49.12483766	0.2218841387	0.45	0s:860ms
2103	48.92435658	49.12483766	0.2004810825	0.41	0s:896ms
2104	48.93613125	49.12483766	0.1887064163	0.39	0s:888ms
2105	48.94647821	49.12483766	0.1783594566	0.36	0s:859ms
2106	48.95023029	49.12483766	0.1746073758	0.36	0s:893ms
2107	48.96739722	49.12483766	0.1574404383	0.32	0s:881ms
2108	48.97901027	49.30134139	0.3223311166	0.66	0s:882ms
2109	48.98583203	49.32096223	0.3351301985	0.68	0s:864ms
2110	49.00945063	49.32096223	0.3115116001	0.64	0s:877ms
2111	49.00472417	49.33763	0.3329058293	0.68	0s:913ms
2112	49.00999629	49.34661553	0.3366192458	0.69	0s:867ms
2113	49.03446715	49.34897654	0.3145093866	0.64	0s:890ms
2114	49.04496526	49.34897654	0.3040112811	0.62	0s:899ms
2115	49.04968106	49.34897654	0.2992954793	0.61	0s:896ms
2116	49.05038819	49.34897654	0.2985883461	0.61	0s:892ms
2117	49.07520902	49.34897654	0.2737675170	0.56	0s:907ms
2118	49.08653018	49.35764371	0.2711135369	0.55	0s:912ms
2119	49.09621735	49.38540954	0.2891921946	0.59	0s:888ms
2120	49.10057784	49.38540954	0.2848317026	0.58	0s:892ms
2121	49.10387834	49.38555958	0.2816812448	0.57	0s:905ms
2122	49.12002854	49.38684956	0.2668210165	0.54	0s:916ms
2123	49.13114663	49.3931062	0.2619595677	0.53	0s:900ms
2124	49.13546427	49.3931062	0.2576419287	0.52	0s:882ms
2125	49.14132012	49.3931062	0.2517860803	0.51	0s:870ms
2126	49.16036574	49.39843102	0.2380652885	0.48	0s:909ms
2127	49.16308105	49.4367975	0.2737164540	0.56	0s:883ms
2128	49.17939618	49.4367975	0.2574013219	0.52	0s:899ms
2129	49.19075693	49.45397389	0.2632169564	0.54	0s:903ms
2130	49.19629932	49.45397389	0.2576745674	0.52	0s:889ms
2131	49.21892335	49.47536316	0.2564398116	0.52	0s:881ms
2132	49.23918949	49.48116063	0.2419711377	0.49	0s:907ms
2133	49.24818277	49.4825489	0.2343661319	0.48	0s:911ms
2134	49.25553777	49.49020243	0.2346646688	0.48	0s:916ms
2135	49.26745741	49.49020243	0.2227450297	0.45	0s:884ms
2136	49.27878652	49.49020243	0.2114159197	0.43	0s:890ms
2137	49.28686517	49.54722691	0.2603617397	0.53	0s:896ms
2138	49.31130667	49.54722691	0.2359202361	0.48	0s:913ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2139	49.32143963	49.56048613	0.2390464911	0.48	0s:887ms
2140	49.32763425	49.58190752	0.2542732691	0.52	0s:873ms
2141	49.3295319	49.5986843	0.2691523935	0.55	0s:908ms
2142	49.35207348	49.61002479	0.2579513163	0.52	0s:901ms
2143	49.38645532	49.62387696	0.2374216341	0.48	0s:918ms
2144	49.39944886	49.6628737	0.2634248393	0.53	0s:932ms
2145	49.40386742	49.6628737	0.2590062778	0.52	0s:897ms
2146	49.41268551	49.68176813	0.2690826194	0.54	0s:910ms
2147	49.4363533	49.68999948	0.2536461779	0.51	0s:903ms
2148	49.45070442	49.68999948	0.2392950634	0.48	0s:918ms
2149	49.45507652	49.68999948	0.2349229634	0.48	0s:902ms
2150	49.46651094	49.7076996	0.2411886528	0.49	0s:897ms
2151	49.4670999	49.7076996	0.2405996945	0.49	0s:889ms
2152	49.48583494	49.71158548	0.2257505428	0.46	0s:893ms
2153	49.51714273	49.71158548	0.1944427582	0.39	0s:898ms
2154	49.52625612	49.71158548	0.1853293597	0.37	0s:907ms
2155	49.52925706	49.71158548	0.1823284279	0.37	0s:918ms
2156	49.53895889	49.71158548	0.1726265960	0.35	0s:903ms
2157	49.55361264	49.71158548	0.1579728400	0.32	0s:919ms
2158	49.558948	49.71881552	0.1598675169	0.32	0s:922ms
2159	49.56010032	49.71881552	0.1587151993	0.32	0s:891ms
2160	49.56222697	49.71881552	0.1565885451	0.32	0s:924ms
2161	49.53804368	49.71881552	0.1807718373	0.36	0s:897ms
2162	49.59540344	49.76620352	0.1708000724	0.34	0s:901ms
2163	49.60265878	49.76620352	0.1635447322	0.33	0s:933ms
2164	49.63340219	49.77106648	0.1376642898	0.28	0s:915ms
2165	49.61823846	49.77106648	0.1528280207	0.31	0s:910ms
2166	49.62872083	49.79886947	0.1701486380	0.34	0s:894ms
2167	49.6326348	49.80963931	0.1770045114	0.36	0s:902ms
2168	49.64474816	49.86716689	0.2224187299	0.45	0s:897ms
2169	49.6567727	49.86716689	0.2103941900	0.42	0s:895ms
2170	49.67056599	49.86716689	0.1966009025	0.40	0s:919ms
2171	49.67880659	49.86716689	0.1883602991	0.38	0s:913ms
2172	49.68274787	49.86716689	0.1844190167	0.37	0s:947ms
2173	49.69472489	49.86716689	0.1724420058	0.35	0s:935ms
2174	49.70619522	50.00887494	0.3026797192	0.61	0s:932ms
2175	49.72318601	50.00887494	0.2856889252	0.57	0s:915ms
2176	49.74138649	50.00887494	0.2674884416	0.54	0s:936ms
2177	49.7420029	50.00887494	0.2668720329	0.54	0s:955ms
2178	49.74667123	50.01827194	0.2716007132	0.55	0s:922ms
2179	49.75742187	50.02253741	0.2651155377	0.53	0s:914ms
2180	49.76208758	50.02253741	0.2604498332	0.52	0s:926ms
2181	49.76591124	50.02253741	0.2566261722	0.52	0s:914ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2182	49.77373164	50.02253741	0.2488057660	0.50	0s:949ms
2183	49.78687585	50.02253741	0.2356615575	0.47	0s:920ms
2184	49.79668143	50.03572821	0.2390467842	0.48	0s:923ms
2185	49.79686178	50.05773796	0.2608761783	0.52	0s:943ms
2186	49.80912059	50.05773796	0.2486173708	0.50	0s:920ms
2187	49.81714983	50.05773796	0.2405881235	0.48	0s:900ms
2188	49.83518851	50.07827242	0.2430839049	0.49	0s:917ms
2189	49.84038945	50.07827242	0.2378829729	0.48	0s:917ms
2190	49.85378854	50.0791942	0.2254056583	0.45	0s:940ms
2191	49.88162811	50.0791942	0.1975660878	0.40	0s:936ms
2192	49.89491159	50.07938942	0.1844778311	0.37	0s:923ms
2193	49.89532034	50.07938942	0.1840690746	0.37	0s:916ms
2194	49.89904043	50.11491228	0.2158718498	0.43	0s:955ms
2195	49.92171916	50.11491228	0.1931931190	0.39	0s:928ms
2196	49.92851598	50.11491228	0.1863963023	0.37	0s:936ms
2197	49.93147729	50.1531202	0.2216429131	0.44	0s:947ms
2198	49.95412037	50.17947632	0.2253559495	0.45	0s:943ms
2199	49.97341617	50.17947632	0.2060601529	0.41	0s:917ms
2200	49.98352885	50.21705249	0.2335236396	0.47	0s:958ms
2201	49.99709772	50.1985109	0.2014131798	0.40	0s:921ms
2202	50.01858705	50.20645721	0.1878701607	0.38	0s:952ms
2203	50.02997749	50.21705249	0.1870750064	0.37	0s:935ms
2204	50.03208001	50.21811321	0.1860331963	0.37	0s:950ms
2205	50.04217852	50.21811321	0.1759346886	0.35	0s:956ms
2206	50.04590024	50.21811321	0.1722129667	0.34	0s:924ms
2207	50.04695571	50.21811321	0.1711574985	0.34	0s:946ms
2208	50.05710622	50.21811321	0.1610069907	0.32	0s:935ms
2209	50.05279677	50.21811321	0.1653164361	0.33	0s:971ms
2210	50.09619509	50.21811321	0.1219181178	0.24	0s:973ms
2211	50.1079818	50.21811321	0.1101314097	0.22	0s:936ms
2212	50.13109031	50.21811321	0.0870229018	0.17	0s:937ms
2213	50.14128885	50.21984202	0.0785531702	0.16	0s:936ms
2214	50.15080937	50.23324557	0.0824362030	0.16	0s:928ms
2215	50.16208598	50.23791122	0.0758252369	0.15	0s:948ms
2216	50.19966711	50.27473998	0.0750728715	0.15	0s:951ms
2217	50.20598967	50.27473998	0.0687503091	0.14	0s:931ms
2218	50.22614372	50.27473998	0.0485962597	0.10	0s:928ms
2219	50.226353	50.27473998	0.0483869768	0.10	0s:947ms
2220	50.23214488	50.27473998	0.0425950994	0.08	0s:944ms
2221	50.23692157	50.27473998	0.0378184043	0.08	0s:975ms
2222	50.26554146	50.39202381	0.1264823521	0.25	0s:944ms
2223	50.28057179	50.39202381	0.1114520244	0.22	0s:963ms
2224	50.28951566	50.40466268	0.1151470225	0.23	0s:974ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2225	50.30740505	50.41349905	0.1060940047	0.21	0s:952ms
2226	50.32243048	50.43557829	0.1131478125	0.22	0s:953ms
2227	50.32745074	50.45571509	0.1282643496	0.25	0s:933ms
2228	50.34662048	50.51767361	0.1710531342	0.34	0s:962ms
2229	50.36334899	50.51767361	0.1543246230	0.31	0s:977ms
2230	50.37613698	50.51767361	0.1415366306	0.28	0s:949ms
2231	50.39195855	50.51767361	0.1257150576	0.25	0s:984ms
2232	50.3928795	50.51767361	0.1247941105	0.25	0s:970ms
2233	50.38217591	50.51767361	0.1354977029	0.27	0s:943ms
2234	50.4258549	50.63633372	0.2104788232	0.42	0s:986ms
2235	50.4548007	50.63633372	0.1815330151	0.36	0s:949ms
2236	50.46585045	50.64722421	0.1813737626	0.36	0s:971ms
2237	50.47903297	50.65339062	0.1743576540	0.35	0s:973ms
2238	50.48155081	50.67840262	0.1968518121	0.39	0s:962ms
2239	50.48805645	50.69567543	0.2076189773	0.41	0s:986ms
2240	50.48852435	50.7375316	0.2490072499	0.49	0s:973ms
2241	50.50484434	50.7375316	0.2326872579	0.46	0s:976ms
2242	50.50540395	50.7544521	0.2490481508	0.49	0s:972ms
2243	50.51021913	50.7693271	0.2591079688	0.51	0s:992ms
2244	50.51464756	50.81291005	0.2982624938	0.59	0s:987ms
2245	50.52144872	50.81291005	0.2914613295	0.58	0s:981ms
2246	50.55083276	50.87485724	0.3240244813	0.64	0s:960ms
2247	50.55691283	50.87485724	0.3179444148	0.63	0s:985ms
2248	50.56802451	50.87485724	0.3068327350	0.61	0s:995ms
2249	50.56982878	50.87485724	0.3050284644	0.60	0s:971ms
2250	50.58118765	50.87485724	0.2936695929	0.58	0s:980ms
2251	50.5863397	50.87485724	0.2885175419	0.57	0s:980ms
2252	50.60010613	50.91455097	0.3144448394	0.62	0s:975ms
2253	50.62021002	50.91455097	0.2943409529	0.58	0s:970ms
2254	50.64388703	50.91455097	0.2706639465	0.53	0s:981ms
2255	50.65142145	50.91455097	0.2631295265	0.52	0s:989ms
2256	50.6539662	50.91455097	0.2605847734	0.51	0s:983ms
2257	50.68012808	50.91455097	0.2344228927	0.46	0s:993ms
2258	50.68833497	50.94216551	0.2538305479	0.50	0s:987ms
2259	50.69264322	50.94717623	0.2545330155	0.50	1s:5ms
2260	50.71903784	50.96963628	0.2505984385	0.49	0s:993ms
2261	50.72455819	50.96963628	0.2450780924	0.48	0s:991ms
2262	50.73017297	50.98619071	0.2560177405	0.50	1s:7ms
2263	50.73617936	51.00043295	0.2642535928	0.52	0s:954ms
2264	50.73680509	51.01006908	0.2732639943	0.54	0s:982ms
2265	50.74879429	51.01006908	0.2612747932	0.51	0s:975ms
2266	50.75190232	51.03665454	0.2847522157	0.56	1s:3ms
2267	50.76651698	51.04555608	0.2790391000	0.55	0s:985ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2268	50.78895522	51.04555608	0.2566008635	0.51	1s:16ms
2269	50.81354842	51.06403102	0.2504826047	0.49	0s:977ms
2270	50.81760844	51.06403102	0.2464225787	0.48	0s:977ms
2271	50.82590829	51.06403102	0.2381227344	0.47	1s:13ms
2272	50.83848246	51.08366366	0.2451812035	0.48	1s:8ms
2273	50.85635653	51.08366366	0.2273071300	0.45	1s:12ms
2274	50.86152753	51.08366366	0.2221361276	0.44	0s:997ms
2275	50.88607654	51.08366366	0.1975871246	0.39	1s:12ms
2276	50.89729177	51.10076579	0.2034740213	0.40	1s:0ms
2277	50.93480941	51.11360387	0.1787944627	0.35	0s:975ms
2278	50.93904611	51.11360387	0.1745577584	0.34	0s:978ms
2279	51.03848437	51.11586636	0.0773819827	0.15	0s:990ms
2280	50.95345077	51.11586636	0.1624155900	0.32	1s:9ms
2281	50.95328208	51.12645318	0.1731711023	0.34	1s:28ms
2282	50.96101056	51.12983676	0.1688261980	0.33	0s:985ms
2283	50.96986284	51.12983676	0.1599739188	0.31	0s:982ms
2284	50.99147172	51.17846034	0.1869886137	0.37	1s:10ms
2285	51.06667032	51.17846034	0.1117900206	0.22	1s:27ms
2286	51.07194596	51.19641421	0.1244682525	0.24	0s:985ms
2287	51.02181065	51.19641421	0.1746035656	0.34	1s:25ms
2288	51.03707866	51.23363883	0.1965601644	0.39	1s:30ms
2289	51.10418207	51.23363883	0.1294567611	0.25	0s:985ms
2290	51.11317976	51.2554533	0.1422735328	0.28	1s:17ms
2291	51.12759975	51.27185355	0.1442538031	0.28	1s:0ms
2292	51.05821694	51.27185355	0.2136366093	0.42	1s:30ms
2293	51.075676	51.27185355	0.1961775499	0.38	1s:36ms
2294	51.09564946	51.27617447	0.1805250094	0.35	0s:999ms
2295	51.10763365	51.2934085	0.1857748514	0.36	1s:3ms
2296	51.11924475	51.30466759	0.1854228336	0.36	1s:32ms
2297	51.13478706	51.30553333	0.1707462669	0.33	1s:31ms
2298	51.13776518	51.34721733	0.2094521463	0.41	0s:990ms
2299	51.15414206	51.34721733	0.1930752687	0.38	0s:999ms
2300	51.16673806	51.38793421	0.2211961503	0.43	0s:994ms
2301	51.19819573	51.38793421	0.1897384736	0.37	0s:996ms
2302	51.21666587	51.38793421	0.1712683324	0.33	1s:19ms
2303	51.19604216	51.38793421	0.1918920509	0.37	1s:30ms
2304	51.21499833	51.38793421	0.1729358784	0.34	1s:47ms
2305	51.22622184	51.42342565	0.1972038159	0.38	1s:28ms
2306	51.23733567	51.42342565	0.1860899810	0.36	0s:984ms
2307	51.24891405	51.42342565	0.1745115997	0.34	1s:16ms
2308	51.29840463	51.45290023	0.1544955971	0.30	1s:30ms
2309	51.31195078	51.45290023	0.1409494518	0.27	0s:993ms
2310	51.3283468	51.45290023	0.1245534319	0.24	0s:997ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2311	51.34573627	51.45290023	0.1071639596	0.21	1s:25ms
2312	51.35447129	51.49133446	0.1368631730	0.27	1s:23ms
2313	51.34907427	51.49133446	0.1422601975	0.28	1s:28ms
2314	51.32459534	51.49133446	0.1667391253	0.32	1s:29ms
2315	51.3340878	51.49133446	0.1572466649	0.31	1s:15ms
2316	51.34031601	51.49361885	0.1533028465	0.30	1s:27ms
2317	51.36206026	51.49361885	0.1315585939	0.26	1s:3ms
2318	51.37105626	51.55424611	0.1831898454	0.36	0s:999ms
2319	51.37894869	51.58130309	0.2023543973	0.39	1s:17ms
2320	51.38522183	51.58130309	0.1960812539	0.38	1s:0ms
2321	51.40085942	51.58130309	0.1804436723	0.35	1s:37ms
2322	51.39536371	51.59605798	0.2006942738	0.39	1s:45ms
2323	51.40155995	51.59909285	0.1975328970	0.38	1s:50ms
2324	51.40535522	51.59909285	0.1937376244	0.38	1s:51ms
2325	51.4267027	51.62554275	0.1988400483	0.39	1s:28ms
2326	51.4341337	51.64467274	0.2105390311	0.41	1s:35ms
2327	51.43991053	51.64827701	0.2083664797	0.41	1s:40ms
2328	51.43696233	51.64827701	0.2113146833	0.41	1s:45ms
2329	51.43726172	51.64827701	0.2110152894	0.41	1s:51ms
2330	51.44514591	51.67518065	0.2300347373	0.45	1s:37ms
2331	51.438128	51.69994687	0.2618188686	0.51	1s:18ms
2332	51.43941867	51.71575708	0.2763384078	0.54	1s:26ms
2333	51.44807123	51.74909977	0.3010285357	0.59	1s:23ms
2334	51.44058592	51.76157218	0.3209862633	0.62	1s:46ms
2335	51.43931653	51.76157218	0.3222556510	0.63	1s:9ms
2336	51.48324864	51.76157218	0.2783235389	0.54	1s:39ms
2337	51.51437215	51.78125475	0.2668826072	0.52	1s:64ms
2338	51.52557456	51.79477532	0.2692007622	0.52	1s:25ms
2339	51.53691385	51.79937182	0.2624579706	0.51	1s:67ms
2340	51.55862978	51.80776282	0.2491330484	0.48	1s:45ms
2341	51.56575024	51.80776282	0.2420125821	0.47	1s:9ms
2342	51.58491912	51.83611317	0.2511940480	0.49	1s:37ms
2343	51.59670663	51.83611317	0.2394065377	0.46	1s:68ms
2344	51.60645441	51.83611317	0.2296587630	0.45	1s:41ms
2345	51.60957962	51.87100174	0.2614221222	0.51	1s:33ms
2346	51.61070302	51.87100174	0.2602987166	0.50	1s:32ms
2347	51.61243968	51.8793441	0.2669044268	0.52	1s:43ms
2348	51.62742293	51.88022804	0.2528051052	0.49	1s:53ms
2349	51.62808785	51.88022804	0.2521401850	0.49	1s:55ms
2350	51.65338689	51.88022804	0.2268411516	0.44	1s:69ms
2351	51.67989691	51.88022804	0.2003311305	0.39	1s:59ms
2352	51.68646678	51.8944655	0.2079987123	0.40	1s:49ms
2353	51.71143832	51.9033702	0.1919318799	0.37	1s:28ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2354	51.72862213	51.91417126	0.1855491322	0.36	1s:53ms
2355	51.70517812	51.91417126	0.2089931475	0.40	1s:36ms
2356	51.71847166	51.93076258	0.2122909159	0.41	1s:34ms
2357	51.72910024	51.96312068	0.2340204453	0.45	1s:46ms
2358	51.77417805	51.96312068	0.1889426351	0.36	1s:39ms
2359	51.7780533	51.97784259	0.1997892927	0.39	1s:39ms
2360	51.78832112	51.97784259	0.1895214696	0.37	1s:71ms
2361	51.79464566	51.97784259	0.1831969309	0.35	1s:77ms
2362	51.79653601	51.98704095	0.1905049389	0.37	1s:30ms
2363	51.80106247	52.0010437	0.1999812316	0.39	1s:55ms
2364	51.79737392	52.0010437	0.2036697884	0.39	1s:38ms
2365	51.82435797	52.0010437	0.1766857353	0.34	1s:34ms
2366	51.8267792	52.0010437	0.1742645045	0.34	1s:79ms
2367	51.82857682	52.05295713	0.2243803126	0.43	1s:74ms
2368	51.84751055	52.05295713	0.2054465890	0.40	1s:41ms
2369	51.855298	52.05295713	0.1976591293	0.38	1s:81ms
2370	51.86215725	52.05295713	0.1907998807	0.37	1s:33ms
2371	51.86296439	52.05295713	0.1899927407	0.37	1s:34ms
2372	51.88011521	52.12651574	0.2464005239	0.47	1s:40ms
2373	51.89028905	52.12651574	0.2362266878	0.46	1s:51ms
2374	51.90552593	52.12651574	0.2209898097	0.43	1s:56ms
2375	51.91553359	52.14399695	0.2284633612	0.44	1s:80ms
2376	51.91684409	52.1759729	0.2591288077	0.50	1s:27ms
2377	51.92740209	52.1854815	0.2580794117	0.50	1s:50ms
2378	51.9376153	52.21774577	0.2801304697	0.54	1s:58ms
2379	51.94738011	52.21774577	0.2703656558	0.52	1s:66ms
2380	51.96063007	52.21774577	0.2571156998	0.49	1s:77ms
2381	51.96265525	52.21795081	0.2552955571	0.49	1s:70ms
2382	51.96412821	52.22972974	0.2656015255	0.51	1s:81ms
2383	51.96494374	52.28645435	0.3215106079	0.62	1s:80ms
2384	52.01032788	52.28645435	0.2761264689	0.53	1s:80ms
2385	52.03243572	52.28645435	0.2540186273	0.49	1s:75ms
2386	52.06186817	52.31633964	0.2544714694	0.49	1s:92ms
2387	52.09103465	52.31633964	0.2253049929	0.43	1s:75ms
2388	52.10993752	52.34993989	0.2400023672	0.46	1s:60ms
2389	52.11990573	52.34993989	0.2300341548	0.44	1s:119ms
2390	52.13223023	52.34993989	0.2177096631	0.42	1s:107ms
2391	52.16997189	52.37230213	0.2023302409	0.39	1s:113ms
2392	52.16379731	52.37230213	0.2085048134	0.40	1s:100ms
2393	52.16199937	52.39595662	0.2339572481	0.45	1s:111ms
2394	52.19033993	52.41130798	0.2209680426	0.42	1s:81ms
2395	52.19046597	52.41130798	0.2208420041	0.42	1s:75ms
2396	52.2066692	52.41130798	0.2046387751	0.39	1s:88ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2397	52.22965475	52.441261	0.2116062493	0.41	1s:54ms
2398	52.23457714	52.45739933	0.2228221907	0.43	1s:71ms
2399	52.23988744	52.45739933	0.2175118905	0.42	1s:95ms
2400	52.25499026	52.45739933	0.2024090677	0.39	1s:69ms
2401	52.2622005	52.53655665	0.2743561545	0.52	1s:88ms
2402	52.27268344	52.53655665	0.2638732110	0.50	1s:110ms
2403	52.27899467	52.53655665	0.2575619838	0.49	1s:109ms
2404	52.27854769	52.5459918	0.2674441111	0.51	1s:69ms
2405	52.28700991	52.56290027	0.2758903569	0.53	1s:99ms
2406	52.29693943	52.56290027	0.2659608415	0.51	1s:102ms
2407	52.28451427	52.56290027	0.2783859969	0.53	1s:100ms
2408	52.33001034	52.56290027	0.2328899305	0.45	1s:112ms
2409	52.35424048	52.59262817	0.2383876967	0.46	1s:102ms
2410	52.37193924	52.6008868	0.2289475615	0.44	1s:123ms
2411	52.3799171	52.6008868	0.2209696975	0.42	1s:71ms
2412	52.34257701	52.6008868	0.2583097880	0.49	1s:101ms
2413	52.41641074	52.6008868	0.1844760579	0.35	1s:82ms
2414	52.44023797	52.62373084	0.1834928624	0.35	1s:102ms
2415	52.39755975	52.6315579	0.2339981561	0.45	1s:94ms
2416	52.46125058	52.6315579	0.1703073275	0.32	1s:81ms
2417	52.46755757	52.65855378	0.1909962084	0.36	1s:79ms
2418	52.41732498	52.65855378	0.2412288033	0.46	1s:116ms
2419	52.48540679	52.6799215	0.1945147159	0.37	1s:81ms
2420	52.53029869	52.6799215	0.1496228101	0.28	1s:125ms
2421	52.45429301	52.6799215	0.2256284931	0.43	1s:80ms
2422	52.46504382	52.70609859	0.2410547686	0.46	1s:98ms
2423	52.55219262	52.70609859	0.1539059756	0.29	1s:85ms
2424	52.57277054	52.71546931	0.1426987728	0.27	1s:81ms
2425	52.58041937	52.71980064	0.1393812606	0.27	1s:111ms
2426	52.5169432	52.71980064	0.2028574404	0.39	1s:125ms
2427	52.59439004	52.71980064	0.1254105982	0.24	1s:108ms
2428	52.60741637	52.71980064	0.1123842641	0.21	1s:114ms
2429	52.62328393	52.71980064	0.0965167103	0.18	1s:93ms
2430	52.63538429	52.71980064	0.0844163479	0.16	1s:99ms
2431	52.62371735	52.7260824	0.1023650490	0.19	1s:126ms
2432	52.60789144	52.7260824	0.1181909523	0.22	1s:133ms
2433	52.68009875	52.75865707	0.0785583139	0.15	1s:122ms
2434	52.71387405	52.75989282	0.0460187711	0.09	1s:88ms
2435	52.72208716	52.75989282	0.0378056661	0.07	1s:106ms
2436	52.7314522	52.75989282	0.0284406203	0.05	1s:111ms
2437	52.68720088	52.82854643	0.1413455462	0.27	1s:97ms
2438	52.76718153	52.83218434	0.0650028144	0.12	1s:103ms
2439	52.76400715	52.83218434	0.0681771948	0.13	1s:132ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2440	52.67827783	52.83646867	0.1581908382	0.30	1s:129ms
2441	52.8005463	52.83646867	0.0359223687	0.07	1s:106ms
2442	52.80534346	52.86327133	0.0579278779	0.11	1s:95ms
2443	52.81190562	52.86327133	0.0513657088	0.10	1s:115ms
2444	52.79982615	52.87517901	0.0753528616	0.14	1s:111ms
2445	52.82273757	52.87537809	0.0526405200	0.10	1s:147ms
2446	52.83149177	52.89359499	0.0621032176	0.12	1s:90ms
2447	52.82821123	52.89359499	0.0653837593	0.12	1s:129ms
2448	52.8291665	52.89359499	0.0644284871	0.12	1s:139ms
2449	52.79847811	52.89914389	0.1006657824	0.19	1s:121ms
2450	52.84402682	52.93371804	0.0896912141	0.17	1s:114ms
2451	52.86278163	52.95257745	0.0897958128	0.17	1s:143ms
2452	52.85228722	52.95257745	0.1002902286	0.19	1s:142ms
2453	52.85816005	52.95257745	0.0944173947	0.18	1s:141ms
2454	52.85427314	52.95257745	0.0983043029	0.19	1s:120ms
2455	52.86220236	52.95257745	0.0903750858	0.17	1s:109ms
2456	52.89776161	52.99153809	0.0937764811	0.18	1s:145ms
2457	52.87534273	53.00137739	0.1260346647	0.24	1s:132ms
2458	52.8883243	53.00137739	0.1130530967	0.21	1s:137ms
2459	52.90667968	53.00137739	0.0946977086	0.18	1s:136ms
2460	52.91667961	53.03417664	0.1174970242	0.22	1s:126ms
2461	52.91874822	53.0485602	0.1298119827	0.25	1s:139ms
2462	52.9171107	53.05930203	0.1421913283	0.27	1s:118ms
2463	52.92967779	53.08659456	0.1569167765	0.30	1s:123ms
2464	52.95241037	53.08659456	0.1341841926	0.25	1s:165ms
2465	52.96357733	53.08659456	0.1230172298	0.23	1s:133ms
2466	52.9679203	53.08659456	0.1186742662	0.22	1s:126ms
2467	52.96930605	53.12490696	0.1556009094	0.29	1s:104ms
2468	52.97467362	53.12490696	0.1502333418	0.28	1s:143ms
2469	52.99989614	53.12490696	0.1250108268	0.24	1s:131ms
2470	53.00826606	53.12490696	0.1166409077	0.22	1s:163ms
2471	53.01055241	53.1632358	0.1526833920	0.29	1s:139ms
2472	53.02056727	53.1632358	0.1426685258	0.27	1s:151ms
2473	53.0207078	53.16875073	0.1480429247	0.28	1s:139ms
2474	53.01854595	53.20153254	0.1829865953	0.35	1s:153ms
2475	53.03045405	53.20153254	0.1710784981	0.32	1s:112ms
2476	53.03493738	53.20153254	0.1665951650	0.31	1s:155ms
2477	53.03662529	53.20153254	0.1649072574	0.31	1s:136ms
2478	53.03737039	53.20153254	0.1641621554	0.31	1s:158ms
2479	53.02274413	53.20660002	0.1838558888	0.35	1s:157ms
2480	53.06767341	53.25567649	0.1880030816	0.35	1s:155ms
2481	53.09865538	53.25567649	0.1570211111	0.30	1s:163ms
2482	53.098055	53.25567649	0.1576214843	0.30	1s:154ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2483	53.10331729	53.27257489	0.1692576029	0.32	1s:166ms
2484	53.12211043	53.31444025	0.1923298200	0.36	1s:147ms
2485	53.12276136	53.32642981	0.2036684505	0.38	1s:163ms
2486	53.13651776	53.33269542	0.1961776575	0.37	1s:143ms
2487	53.141424	53.37369555	0.2322715459	0.44	1s:163ms
2488	53.14329446	53.37369555	0.2304010851	0.43	1s:136ms
2489	53.14641389	53.37369555	0.2272816508	0.43	1s:170ms
2490	53.14646741	53.38689328	0.2404258739	0.45	1s:126ms
2491	53.1458726	53.43090692	0.2850343117	0.54	1s:149ms
2492	53.17247767	53.43090692	0.2584292433	0.49	1s:152ms
2493	53.18106859	53.43090692	0.2498383232	0.47	1s:142ms
2494	53.20195384	53.43090692	0.2289530806	0.43	1s:104ms
2495	53.21679156	53.49150594	0.2747143809	0.52	1s:179ms
2496	53.21964364	53.50385661	0.2842129693	0.53	1s:127ms
2497	53.22618754	53.50385661	0.2776690660	0.52	1s:157ms
2498	53.22712508	53.50385661	0.2767315286	0.52	1s:166ms
2499	53.22891513	53.54215641	0.3132412874	0.59	1s:192ms
2500	53.2318152	53.54215641	0.3103412139	0.58	1s:145ms
2501	53.23216872	53.59751623	0.3653475091	0.69	1s:181ms
2502	53.23432243	53.59751623	0.3631937997	0.68	1s:180ms
2503	53.23465081	53.59751623	0.3628654200	0.68	1s:206ms
2504	53.27371342	53.60657577	0.3328623407	0.62	1s:189ms
2505	53.28569049	53.60657577	0.3208852746	0.60	1s:164ms
2506	53.32770607	53.60657577	0.2788696911	0.52	1s:183ms
2507	53.33271202	53.62579601	0.2930839983	0.55	1s:139ms
2508	53.33612442	53.62668021	0.2905557924	0.54	1s:143ms
2509	53.35551954	53.62668021	0.2711606718	0.51	1s:175ms
2510	53.36137182	53.65284684	0.2914750205	0.55	1s:165ms
2511	53.37661374	53.66107945	0.2844657112	0.53	1s:191ms
2512	53.40626629	53.66107945	0.2548131659	0.48	1s:164ms
2513	53.40455411	53.67221571	0.2676615988	0.50	1s:175ms
2514	53.41320588	53.68019119	0.2669853144	0.50	1s:184ms
2515	53.4055051	53.69434285	0.2888377474	0.54	1s:181ms
2516	53.41875595	53.69434285	0.2755868915	0.52	1s:175ms
2517	53.42811546	53.69434285	0.2662273853	0.50	1s:181ms
2518	53.43883231	53.69434285	0.2555105368	0.48	1s:184ms
2519	53.44657813	53.69434285	0.2477647127	0.46	1s:187ms
2520	53.46108121	53.70195736	0.2408761541	0.45	1s:186ms
2521	53.46128934	53.70195736	0.2406680226	0.45	1s:183ms
2522	53.47395289	53.73620875	0.2622558598	0.49	1s:170ms
2523	53.47648556	53.74591432	0.2694287614	0.50	1s:180ms
2524	53.48779099	53.75906799	0.2712770017	0.51	1s:158ms
2525	53.48881634	53.75906799	0.2702516449	0.51	1s:140ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2526	53.50067046	53.75906799	0.2583975282	0.48	1s:195ms
2527	53.49117487	53.75906799	0.2678931228	0.50	1s:182ms
2528	53.52829748	53.78479999	0.2565025176	0.48	1s:198ms
2529	53.59307027	53.80149036	0.2084200865	0.39	1s:200ms
2530	53.59114515	53.80149036	0.2103452136	0.39	1s:183ms
2531	53.63168727	53.80149036	0.1698030875	0.32	1s:162ms
2532	53.63859291	53.83308968	0.1944967701	0.36	1s:177ms
2533	53.65881795	53.83308968	0.1742717294	0.32	1s:173ms
2534	53.67205853	53.83308968	0.1610311485	0.30	1s:186ms
2535	53.67490197	53.85088558	0.1759836091	0.33	1s:166ms
2536	53.66972301	53.85088558	0.1811625721	0.34	1s:181ms
2537	53.69272466	53.86301003	0.1702853747	0.32	1s:161ms
2538	53.70321868	53.87401751	0.1707988238	0.32	1s:206ms
2539	53.71296159	53.87401751	0.1610559199	0.30	1s:186ms
2540	53.7175778	53.8844395	0.1668616997	0.31	1s:191ms
2541	53.72260224	53.8844395	0.1618372620	0.30	1s:160ms
2542	53.71769688	53.91726755	0.1995706740	0.37	1s:190ms
2543	53.74166565	53.91726755	0.1756018981	0.33	1s:152ms
2544	53.74430464	53.91726755	0.1729629113	0.32	1s:201ms
2545	53.74436545	53.94283844	0.1984729858	0.37	1s:172ms
2546	53.76675483	53.9592567	0.1925018730	0.36	1s:218ms
2547	53.77871273	53.9592567	0.1805439667	0.34	1s:188ms
2548	53.79577908	53.97685175	0.1810726687	0.34	1s:169ms
2549	53.79078415	53.97685175	0.1860675948	0.35	1s:201ms
2550	53.80255919	53.97892307	0.1763638795	0.33	1s:189ms
2551	53.80944406	53.97892307	0.1694790158	0.31	1s:187ms
2552	53.83467842	54.00170917	0.1670307467	0.31	1s:199ms
2553	53.8575534	54.00170917	0.1441557647	0.27	1s:200ms
2554	53.86257627	54.00170917	0.1391328944	0.26	1s:214ms
2555	53.86850777	54.00170917	0.1332013923	0.25	1s:174ms
2556	53.87843225	54.03325885	0.1548265945	0.29	1s:202ms
2557	53.8844115	54.04665147	0.1622399743	0.30	1s:213ms
2558	53.89829419	54.11697918	0.2186849855	0.41	1s:217ms
2559	53.89495755	54.14703327	0.2520757150	0.47	1s:218ms
2560	53.92334841	54.15020693	0.2268585167	0.42	1s:215ms
2561	53.9235084	54.15020693	0.2266985267	0.42	1s:236ms
2562	53.92828006	54.1805029	0.2522228368	0.47	1s:188ms
2563	53.9356479	54.18926179	0.2536138895	0.47	1s:210ms
2564	53.95925164	54.18926179	0.2300101459	0.43	1s:197ms
2565	53.97799118	54.18926179	0.2112706096	0.39	1s:214ms
2566	53.99107112	54.19133021	0.2002590963	0.37	1s:189ms
2567	54.02269066	54.19726241	0.1745717524	0.32	1s:172ms
2568	54.04823065	54.19894115	0.1507105030	0.28	1s:228ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2569	54.05580425	54.20584926	0.1500450013	0.28	1s:245ms
2570	54.06929178	54.20584926	0.1365574792	0.25	1s:172ms
2571	54.10257869	54.22292357	0.1203448872	0.22	1s:191ms
2572	54.11630424	54.22292357	0.1066193354	0.20	1s:207ms
2573	54.1194278	54.25610579	0.1366779901	0.25	1s:242ms
2574	54.14158583	54.2800855	0.1384996659	0.26	1s:239ms
2575	54.11937335	54.2800855	0.1607121537	0.30	1s:187ms
2576	54.16096505	54.2800855	0.1191204546	0.22	1s:239ms
2577	54.19048137	54.28603407	0.0955526952	0.18	1s:217ms
2578	54.19334317	54.29606311	0.1027199396	0.19	1s:195ms
2579	54.19078373	54.29606311	0.1052793874	0.19	1s:233ms
2580	54.2083053	54.29606311	0.0877578133	0.16	1s:224ms
2581	54.21279684	54.29606311	0.0832662712	0.15	1s:199ms
2582	54.20858034	54.36415854	0.1555781985	0.29	1s:215ms
2583	54.21850754	54.36415854	0.1456510057	0.27	1s:199ms
2584	54.22496121	54.36545176	0.1404905518	0.26	1s:207ms
2585	54.23698741	54.36545176	0.1284643551	0.24	1s:201ms
2586	54.24111658	54.36545176	0.1243351831	0.23	1s:220ms
2587	54.24523986	54.40777628	0.1625364236	0.30	1s:234ms
2588	54.26016307	54.40777628	0.1476132099	0.27	1s:234ms
2589	54.28645236	54.41375354	0.1273011759	0.23	1s:218ms
2590	54.32609224	54.4443618	0.1182695626	0.22	1s:234ms
2591	54.32578682	54.44999908	0.1242122631	0.23	1s:212ms
2592	54.35802713	54.44999908	0.0919719540	0.17	1s:249ms
2593	54.39028748	54.44999908	0.0597116052	0.11	1s:243ms
2594	54.36112375	54.48686962	0.1257458688	0.23	1s:232ms
2595	54.41928311	54.48686962	0.0675865083	0.12	1s:233ms
2596	54.38866403	54.50010127	0.1114372404	0.20	1s:229ms
2597	54.398045	54.50689554	0.1088505370	0.20	1s:195ms
2598	54.41351119	54.50689554	0.0933843468	0.17	1s:204ms
2599	54.42586532	54.54571448	0.1198491538	0.22	1s:211ms
2600	54.50741578	54.56114323	0.0537274552	0.10	1s:216ms
2611	54.52074137	54.63369078	0.1129494135	0.21	1s:232ms
2623	54.61797972	54.77377183	0.1557921177	0.29	1s:252ms
2635	54.69859392	54.86093204	0.1623381138	0.30	1s:260ms
2647	54.78384144	54.97787103	0.1940295966	0.35	1s:297ms
2653	54.7939757	55.06478747	0.2708117719	0.49	1s:245ms
2665	54.950196	55.19686634	0.2466703416	0.45	1s:261ms
2677	55.03184924	55.34151268	0.3096634357	0.56	1s:292ms
2689	55.14355224	55.52610395	0.3825517053	0.69	1s:296ms
2713	55.41668894	55.69336968	0.2766807443	0.50	1s:313ms
2725	55.64428362	55.81115403	0.1668704075	0.30	1s:348ms
2737	55.73274326	55.95112404	0.2183807830	0.39	1s:334ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
2749	55.90359092	56.09555956	0.1919686312	0.34	1s:357ms
2773	56.20735102	56.22730284	0.0199518243	0.04	1s:391ms
2779	56.22722815	56.30970379	0.0824756371	0.15	1s:401ms
2791	56.29063215	56.48157151	0.1909393566	0.34	1s:341ms
2803	56.42949973	56.57448515	0.1449854273	0.26	1s:404ms
2815	56.48029859	56.73129745	0.2509988575	0.44	1s:381ms
2839	56.66654497	56.92784233	0.2612973643	0.46	1s:434ms
2857	56.87913652	57.10637671	0.2272401886	0.40	1s:456ms
2869	56.98451575	57.15494377	0.1704280141	0.30	1s:458ms
2893	57.21675864	57.37928925	0.1625306096	0.28	1s:465ms
2905	57.38687905	57.42694392	0.0400648704	0.07	1s:473ms
2917	57.53520681	57.70978752	0.1745807039	0.30	1s:464ms
2929	57.68569825	57.97025072	0.2845524693	0.49	1s:491ms
2941	57.86397166	58.04286182	0.1788901603	0.31	1s:495ms
2965	58.0125874	58.22386699	0.2112795847	0.36	1s:511ms
2989	58.20199725	58.45561182	0.2536145703	0.44	1s:550ms
3000	58.25512061	58.49108183	0.2359612174	0.41	1s:575ms
3001	58.23518876	58.49108183	0.2558930729	0.44	1s:547ms
3013	58.40791172	58.58564267	0.1777309464	0.30	1s:563ms
3025	58.49684721	58.6376955	0.1408482905	0.24	1s:563ms
3037	58.57580553	58.80448991	0.2286843742	0.39	1s:567ms
3049	58.74996249	58.86190457	0.1119420735	0.19	1s:593ms
3055	58.7686144	59.04527727	0.2766628728	0.47	1s:622ms
3067	58.9250646	59.12115682	0.1960922191	0.33	1s:577ms
3079	59.03447137	59.28016095	0.2456895774	0.42	1s:615ms
3091	59.13154825	59.33043624	0.1988879922	0.34	1s:608ms
3103	59.35272975	59.47492458	0.1221948303	0.21	1s:630ms
3115	59.42693788	59.66058993	0.2336520482	0.39	1s:645ms
3121	59.51077181	59.69016533	0.1793935144	0.30	1s:656ms
3145	59.73773169	59.86551712	0.1277854254	0.21	1s:621ms
3169	59.91021465	60.11198691	0.2017722586	0.34	1s:660ms
3181	59.97483153	60.23503349	0.2602019594	0.43	1s:702ms
3193	60.05052175	60.33447456	0.2839528061	0.47	1s:716ms
3205	60.15457358	60.46946314	0.3148895550	0.52	1s:709ms
3217	60.29680393	60.60850312	0.3116991828	0.52	1s:762ms
3241	60.54326054	60.7860282	0.2427676628	0.40	1s:759ms
3253	60.63198376	60.86649097	0.2345072097	0.39	1s:781ms
3259	60.66243798	60.92086417	0.2584261979	0.43	1s:791ms
3283	60.98611872	61.15833678	0.1722180539	0.28	1s:754ms
3295	61.06843867	61.24063745	0.1721987720	0.28	1s:789ms
3307	61.29366484	61.33000606	0.0363412179	0.06	1s:808ms
3319	61.37348964	61.41104874	0.0375591021	0.06	1s:863ms
3331	61.43309435	61.49358025	0.0604858935	0.10	1s:846ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
3343	61.57809557	61.67221716	0.0941215952	0.15	1s:856ms
3355	61.66469113	61.88570982	0.2210186895	0.36	1s:843ms
3367	61.71745669	61.95479886	0.2373421643	0.38	1s:832ms
3403	61.9522323	62.27524434	0.3230120353	0.52	1s:918ms
3415	62.08671584	62.40328417	0.3165683312	0.51	1s:919ms
3427	62.17639436	62.48399089	0.3075965286	0.49	1s:899ms
3439	62.32621544	62.58187842	0.2556629880	0.41	1s:903ms
3463	62.57370924	62.80087051	0.2271612722	0.36	1s:937ms
3481	62.80220856	62.92421664	0.1220080757	0.19	1s:950ms
3493	62.93068429	63.05134614	0.1206618495	0.19	2s:4ms
3505	63.03576234	63.14904117	0.1132788284	0.18	1s:975ms
3511	63.05194662	63.17784313	0.1258965064	0.20	2s:1ms
3535	63.32113511	63.46045562	0.1393205171	0.22	2s:21ms
3547	63.36048493	63.55397669	0.1934917600	0.31	2s:42ms
3559	63.38501783	63.62244788	0.2374300547	0.37	2s:15ms
3571	63.48833649	63.70797471	0.2196382114	0.35	2s:70ms
3595	63.72508113	64	0.2749188746	0.43	2s:68ms
3607	63.80285016	64.10287077	0.3000206123	0.47	2s:76ms
3619	63.89279189	64.1808339	0.2880420051	0.45	2s:102ms
3631	64.03632338	64.31730655	0.2809831755	0.44	2s:98ms
3643	64.0990575	64.42546847	0.3264109700	0.51	2s:148ms
3655	64.29359779	64.52597396	0.2323761636	0.36	2s:103ms
3667	64.37018569	64.58832282	0.2181371306	0.34	2s:126ms
3679	64.52773866	64.69754329	0.1698046278	0.26	2s:172ms
3691	64.66377389	64.771536	0.1077621064	0.17	2s:153ms
3697	64.68642706	64.79809282	0.1116657588	0.17	2s:181ms
3721	64.91438211	65.01284642	0.0984643070	0.15	2s:211ms
3745	65.04549666	65.28845998	0.2429633221	0.37	2s:170ms
3757	65.13781881	65.36614017	0.2283213616	0.35	2s:200ms
3781	65.32746033	65.57041669	0.2429563577	0.37	2s:207ms
3793	65.36460356	65.64518544	0.2805818770	0.43	2s:251ms
3805	65.56624908	65.77136281	0.2051137235	0.31	2s:283ms
3817	65.65506838	65.88877384	0.2337054631	0.36	2s:266ms
3829	65.71832442	65.95404827	0.2357238491	0.36	2s:252ms
3853	65.93925181	66.15632952	0.2170777068	0.33	2s:297ms
3865	66.04585146	66.26981039	0.2239589250	0.34	2s:318ms
3877	66.18653655	66.42584728	0.2393107269	0.36	2s:392ms
3889	66.29572402	66.49651428	0.2007902690	0.30	2s:379ms
3901	66.47902538	66.61110126	0.1320758805	0.20	2s:394ms
3919	66.60630818	66.74281526	0.1365070801	0.20	2s:386ms
3931	66.70237428	66.78862472	0.0862504410	0.13	2s:392ms
3943	66.82365459	66.91840214	0.0947475508	0.14	2s:452ms
3949	66.82051936	66.96259249	0.1420731337	0.21	2s:410ms

Table 1.1: Packomania $r_i = 1$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
3973	66.94886966	67.18912297	0.2402533092	0.36	2s:421ms
3985	67.01838525	67.31394684	0.2955615810	0.44	2s:433ms
4000	67.18025249	67.45994578	0.2796932957	0.42	2s:466ms
4009	67.21142509	67.51397013	0.3025450403	0.45	2s:506ms
4021	67.31613284	67.56863327	0.2525004371	0.38	2s:525ms
4033	67.44312621	67.66541457	0.2222883620	0.33	2s:459ms
4045	67.59792713	67.79031009	0.1923829588	0.28	2s:503ms
4057	67.69215195	67.92307742	0.2309254750	0.34	2s:458ms
4069	67.77776387	67.95793238	0.1801685156	0.27	2s:476ms
4081	67.88555503	68.05902213	0.1734718304	0.26	2s:523ms
4093	68.02000195	68.17370624	0.1537042865	0.23	2s:606ms
4105	68.09436244	68.28080642	0.1864439824	0.27	2s:485ms
4117	68.23363351	68.35725648	0.1236229666	0.18	2s:555ms
4141	68.48491484	68.62278394	0.1378690990	0.20	2s:586ms
4153	68.50993925	68.66830868	0.1583694331	0.23	2s:581ms
4177	68.62929721	68.84541252	0.2161153077	0.31	2s:605ms
4189	68.74881683	68.91914854	0.1703317161	0.25	2s:602ms
4195	68.75626446	69.04792463	0.2916601717	0.42	2s:706ms
4219	68.97436136	69.2572181	0.2828567419	0.41	2s:632ms
4231	69.02717269	69.30341636	0.2762436670	0.40	2s:705ms
4243	69.10161003	69.38256709	0.2809570628	0.41	2s:706ms
4255	69.25102465	69.46658652	0.2155618684	0.31	2s:686ms
4267	69.33827023	69.58189949	0.2436292595	0.35	2s:691ms
4303	69.72102846	69.78953409	0.0685056289	0.10	2s:722ms
4315	69.81513627	70.04790745	0.2327711830	0.33	2s:766ms
4339	70.03293289	70.20922405	0.1762911619	0.25	2s:829ms
4345	70.06123495	70.2376552	0.1764202465	0.25	2s:809ms
4357	70.14998497	70.29730859	0.1473236226	0.21	2s:780ms
4381	70.29234903	70.51199725	0.2196482152	0.31	2s:831ms
4405	70.47111039	70.67986188	0.2087514901	0.30	2s:906ms
4417	70.51972929	70.8148077	0.2950784053	0.42	2s:823ms
4429	70.62040591	70.90688096	0.2864750522	0.41	2s:879ms
4447	70.80671345	71.05316541	0.2464519570	0.35	2s:876ms
4459	70.87592194	71.11289891	0.2369769692	0.33	2s:943ms
4471	70.98418755	71.22950341	0.2453158586	0.35	2s:899ms
4483	71.02827667	71.32665441	0.2983777396	0.42	2s:969ms
4495	71.1842198	71.41937878	0.2351589811	0.33	2s:947ms
5000	75.05635854	75.2832421	0.2268835553	0.30	3s:421ms

Hoofdstuk 2

Packomania $r_i = i$

Table 2.1: Packomania $r_i = i$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
5	9.001397746	9.001397746	0.0000000000	0.00	0s:0ms
6	11.0570404	11.0570404	0.0000000000	0.00	0s:0ms
7	13.46211068	13.63864452	0.1765338429	1.31	0s:0ms
8	16.22174668	16.9084418	0.6866951196	4.23	0s:0ms
9	19.23319391	19.96907573	0.7358818171	3.83	0s:0ms
10	22.00019301	23.2877147	1.2875216823	5.85	0s:0ms
11	24.96063429	26.65104175	1.6904074596	6.77	0s:0ms
12	28.37138944	30.27869776	1.9073083282	6.72	0s:0ms
13	31.54586702	32.93900634	1.3931393191	4.42	0s:0ms
14	35.09564714	36.65714933	1.5615021892	4.45	0s:0ms
15	38.83799551	40.46917515	1.6311796458	4.20	0s:0ms
16	42.45811644	44.97670011	2.5185836705	5.93	0s:0ms
17	46.29134212	49.17727631	2.8859341932	6.23	0s:0ms
18	50.11976262	53.26425023	3.1444876017	6.27	0s:0ms
19	54.24029359	58.0413688	3.8010752065	7.01	0s:0ms
20	58.40056748	61.63712441	3.2365569305	5.54	0s:0ms
21	62.55887709	66.19614909	3.6372719987	5.81	0s:0ms
22	66.76028624	70.74575745	3.9854712097	5.97	0s:0ms
23	71.19946161	75.28800296	4.0885413566	5.74	0s:0ms
24	75.74914258	79.82437643	4.0752338484	5.38	0s:0ms
25	80.28586444	85.20507608	4.9192116398	6.13	0s:0ms
26	84.97819107	89.93692251	4.9587314446	5.84	0s:0ms
27	89.75096268	94.88136225	5.1303995654	5.72	0s:0ms
28	94.5258771	99.86768794	5.3418108395	5.65	0s:1ms
29	99.48311156	106.2962349	6.8131233045	6.85	0s:1ms
30	104.5403638	111.0148098	6.4744460321	6.19	0s:1ms
31	109.6292407	117.0878782	7.4586375248	6.80	0s:1ms
32	114.7998147	123.1802853	8.3804706408	7.30	0s:1ms
33	120.0656596	128.215259	8.1495993452	6.79	0s:1ms
34	125.3669392	133.247447	7.8805077664	6.29	0s:1ms

Table 2.1: Packomania $r_i = i$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
35	130.8490788	138.2771663	7.4280874986	5.68	0s:1ms
36	136.3079108	144.6463617	8.3384509125	6.12	0s:1ms
37	141.7837334	152.4389507	10.6552172234	7.52	0s:1ms
38	147.4521165	158.3732762	10.9211597336	7.41	0s:1ms
39	153.1997434	163.7256474	10.5259040974	6.87	0s:1ms
40	159.0215769	170.8117726	11.7901957151	7.41	0s:1ms
41	164.8062304	177.004655	12.1984245382	7.40	0s:1ms
42	170.697811	182.440372	11.7425609294	6.88	0s:1ms
43	176.7326562	188.4172803	11.6846240215	6.61	0s:2ms
44	182.7726194	196.6620902	13.8894708123	7.60	0s:2ms
45	188.964969	202.5286416	13.5636726221	7.18	0s:2ms
46	195.2039014	207.3758687	12.1719673837	6.24	0s:2ms
47	201.4861933	212.7149266	11.2287332287	5.57	0s:2ms
48	207.8008434	220.8336262	13.0327828219	6.27	0s:2ms
49	214.1809301	227.3484969	13.1675667664	6.15	0s:2ms
50	220.5654003	234.0553916	13.4899913627	6.12	0s:2ms
51	227.6803362	240.1831765	12.5028402517	5.49	0s:2ms
52	234.4402714	247.2368978	12.7966263895	5.46	0s:2ms
53	241.13286	255.7171621	14.5843020125	6.05	0s:2ms
54	247.8032878	262.868371	15.0650832017	6.08	0s:2ms
55	254.7210367	268.5141407	13.7931039905	5.41	0s:3ms
56	261.640041	274.9108253	13.2707843507	5.07	0s:3ms
57	268.4240815	282.8776937	14.4536122679	5.38	0s:3ms
58	275.4715577	289.605714	14.1341563166	5.13	0s:3ms
59	282.3339759	299.2757681	16.9417921475	6.00	0s:3ms
60	289.3422659	304.6812371	15.3389711825	5.30	0s:3ms
61	296.717773	313.9597079	17.2419348953	5.81	0s:3ms
62	303.7777367	323.9177529	20.1400161641	6.63	0s:3ms
63	310.9235322	332.2123812	21.2888489762	6.85	0s:3ms
64	318.5409988	340.6053063	22.0643074867	6.93	0s:3ms
65	325.5680022	347.0994671	21.5314649851	6.61	0s:3ms
66	333.243233	354.4394593	21.1962262651	6.36	0s:3ms
67	340.7251536	362.181251	21.4560974215	6.30	0s:3ms
68	348.1910155	370.3151028	22.1240873386	6.35	0s:4ms
69	355.6061123	376.9371949	21.3310825298	6.00	0s:4ms
70	363.5378366	388.0662131	24.5283764994	6.75	0s:4ms
71	371.3559914	392.3562249	21.0002335141	5.66	0s:4ms
72	378.9536133	402.5022428	23.5486294950	6.21	0s:4ms
73	386.7761998	411.6110859	24.8348860634	6.42	0s:4ms
74	394.6660409	420.7679123	26.1018713787	6.61	0s:4ms
75	402.3461644	424.7177231	22.3715586755	5.56	0s:4ms
76	410.1895435	432.5052319	22.3156883095	5.44	0s:4ms
77	418.5499612	443.6467399	25.0967787844	6.00	0s:4ms

Table 2.1: Packomania $r_i = i$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
78	426.3941267	451.6199239	25.2257972078	5.92	0s:4ms
79	434.7680082	461.4070427	26.6390345424	6.13	0s:4ms
80	442.7191587	468.0681694	25.3490106831	5.73	0s:5ms
81	450.9036642	475.5595161	24.6558519794	5.47	0s:4ms
82	459.3903517	486.5415641	27.1512124091	5.91	0s:5ms
83	467.6800865	494.9875395	27.3074530526	5.84	0s:5ms
84	475.8025872	503.1575199	27.3549327168	5.75	0s:5ms
85	484.4776292	512.2361165	27.7584873045	5.73	0s:5ms
86	492.7211187	521.9387989	29.2176801460	5.93	0s:5ms
87	501.3589996	530.6873361	29.3283365110	5.85	0s:6ms
88	509.9171158	535.810191	25.8930752125	5.08	0s:5ms
89	518.3668565	545.4204186	27.0535621118	5.22	0s:5ms
90	526.9030101	554.9318685	28.0288584034	5.32	0s:6ms
91	535.6241529	563.8084375	28.1842846818	5.26	0s:6ms
92	544.4518726	572.9225881	28.4707155757	5.23	0s:5ms
93	553.2844216	581.3293274	28.0449058225	5.07	0s:5ms
94	562.2873009	590.033592	27.7462911062	4.93	0s:6ms
95	570.9739657	599.2930087	28.3190430029	4.96	0s:6ms
96	579.9547414	612.6535248	32.6987833884	5.64	0s:6ms
97	589.1016036	618.6339788	29.5323752126	5.01	0s:6ms
98	598.0873457	628.7495879	30.6622421306	5.13	0s:6ms
99	607.2130456	640.7227437	33.5096980965	5.52	0s:6ms
100	615.8676392	654.2342342	38.3665949658	6.23	0s:6ms
101	625.4129166	654.7565755	29.3436589135	4.69	0s:6ms
102	635.0014481	666.8855903	31.8841421988	5.02	0s:6ms
103	644.0261452	679.660035	35.6338898842	5.53	0s:6ms
104	653.2488265	687.260894	34.0120675068	5.21	0s:7ms
105	662.757924	694.7227123	31.9647883149	4.82	0s:7ms
106	672.3912463	705.6561613	33.2649149921	4.95	0s:7ms
107	681.7774575	713.2447002	31.4672427496	4.62	0s:6ms
108	691.021475	725.6010759	34.5796008747	5.00	0s:7ms
109	700.2736046	735.262392	34.9887873584	5.00	0s:7ms
110	710.0999889	745.7975534	35.6975644566	5.03	0s:7ms
111	719.5987078	758.1779863	38.5792784127	5.36	0s:8ms
112	728.9808997	769.5217717	40.5408719841	5.56	0s:8ms
113	739.2681393	779.6794931	40.4113538763	5.47	0s:8ms
114	748.9170311	790.0110369	41.0940057618	5.49	0s:8ms
115	758.5403224	800.4993412	41.9590188761	5.53	0s:8ms
116	768.0575864	811.9736432	43.9160567286	5.72	0s:9ms
117	778.0802266	823.8439535	45.7637268808	5.88	0s:8ms
118	787.955193	830.3459981	42.3908051008	5.38	0s:8ms
119	797.8699489	842.9611167	45.0911678906	5.65	0s:8ms
120	808.3093264	853.4123081	45.1029817409	5.58	0s:8ms

Table 2.1: Packomania $r_i = i$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
121	818.2475492	859.0828754	40.8353261717	4.99	0s:8ms
122	828.1642448	872.3640645	44.1998196689	5.34	0s:9ms
123	837.9108474	883.3198174	45.4089699367	5.42	0s:9ms
124	848.265692	888.5239112	40.2582192058	4.75	0s:8ms
125	858.5698155	906.9182567	48.3484411811	5.63	0s:9ms
126	868.7452097	919.1873186	50.4421088463	5.81	0s:9ms
127	878.9113552	929.1894792	50.2781240664	5.72	0s:9ms
128	889.4083279	940.6625452	51.2542173032	5.76	0s:9ms
129	899.3794711	939.0402908	39.6608196933	4.41	0s:10ms
130	910.0149851	956.4974894	46.4825042620	5.11	0s:9ms
131	920.3565478	964.284437	43.9278891473	4.77	0s:9ms
132	931.0037789	978.8995627	47.8957838592	5.14	0s:10ms
133	941.572814	992.651323	51.0785089994	5.42	0s:10ms
134	951.4867325	999.1692947	47.6825622415	5.01	0s:10ms
135	962.6267783	1011.670356	49.0435779611	5.09	0s:10ms
136	973.5501094	1023.408578	49.8584681961	5.12	0s:11ms
137	983.6545581	1039.839059	56.1845006701	5.71	0s:11ms
138	994.589987	1046.579775	51.9897882140	5.23	0s:11ms
139	1005.134043	1060.799299	55.6652552216	5.54	0s:11ms
140	1016.243955	1066.391406	50.1474504792	4.93	0s:11ms
141	1027.012735	1075.826455	48.8137198003	4.75	0s:11ms
142	1038.033343	1091.535835	53.5024911515	5.15	0s:12ms
143	1048.086632	1105.062108	56.9754760099	5.44	0s:11ms
144	1059.610594	1118.135792	58.5251983013	5.52	0s:11ms
145	1070.299995	1128.198594	57.8985985688	5.41	0s:11ms
146	1081.849804	1137.382853	55.5330488821	5.13	0s:12ms
147	1092.224839	1146.180093	53.9552534597	4.94	0s:11ms
148	1103.625998	1157.325822	53.6998239456	4.87	0s:12ms
149	1114.562888	1170.783856	56.2209683647	5.04	0s:12ms
150	1125.962247	1179.834746	53.8724990106	4.78	0s:12ms
151	1136.450736	1188.206974	51.7562382973	4.55	0s:12ms
152	1148.381201	1198.503306	50.1221048286	4.36	0s:12ms
153	1159.288108	1211.469481	52.1813720335	4.50	0s:13ms
154	1170.008519	1221.771848	51.7633292913	4.42	0s:12ms
155	1182.306413	1232.750873	50.4444602860	4.27	0s:12ms
156	1193.219558	1241.96315	48.7435918571	4.09	0s:13ms
157	1205.242985	1257.673634	52.4306489161	4.35	0s:13ms
158	1216.514329	1272.623712	56.1093833890	4.61	0s:13ms
159	1227.02294	1287.046839	60.0238985772	4.89	0s:14ms
160	1238.93349	1297.811321	58.8778314960	4.75	0s:13ms
161	1251.042708	1309.194957	58.1522496450	4.65	0s:13ms
162	1262.789645	1325.157536	62.3678910466	4.94	0s:14ms
163	1273.875363	1340.254659	66.3792957824	5.21	0s:13ms

Table 2.1: Packomania $r_i = i$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
164	1286.025828	1355.126621	69.1007934484	5.37	0s:14ms
165	1297.507389	1360.843465	63.3360754563	4.88	0s:14ms
166	1309.139789	1372.652535	63.5127460293	4.85	0s:14ms
167	1321.053819	1380.367699	59.3138806314	4.49	0s:14ms
168	1332.790901	1396.706975	63.9160738570	4.80	0s:14ms
169	1344.525206	1408.899427	64.3742216180	4.79	0s:14ms
170	1356.179054	1421.473252	65.2941986483	4.81	0s:17ms
171	1368.338575	1436.819503	68.4809275612	5.00	0s:15ms
172	1380.333616	1443.901427	63.5678107594	4.61	0s:15ms
173	1391.879458	1456.325953	64.4464957907	4.63	0s:15ms
174	1403.566254	1471.496936	67.9306813422	4.84	0s:15ms
175	1415.989735	1485.609411	69.6196752979	4.92	0s:15ms
176	1428.497598	1498.150763	69.6531648576	4.88	0s:15ms
177	1440.624114	1520.601441	79.9773270606	5.55	0s:15ms
178	1452.757272	1533.313102	80.5558307306	5.55	0s:16ms
179	1464.812903	1544.279674	79.4667714894	5.43	0s:15ms
180	1476.565762	1549.253422	72.6876600373	4.92	0s:16ms
181	1489.017452	1567.397547	78.3800946877	5.26	0s:16ms
182	1501.087384	1582.428192	81.3408078754	5.42	0s:17ms
183	1514.01682	1586.179083	72.1622628565	4.77	0s:16ms
184	1525.885179	1608.260257	82.3750775373	5.40	0s:16ms
185	1537.376408	1619.244541	81.8681332884	5.33	0s:16ms
186	1550.809164	1630.783013	79.9738492793	5.16	0s:16ms
187	1563.028446	1641.222098	78.1936519827	5.00	0s:17ms
188	1575.802178	1658.869995	83.0678169214	5.27	0s:18ms
189	1588.346875	1670.718704	82.3718286801	5.19	0s:17ms
190	1600.66992	1684.525388	83.8554676059	5.24	0s:17ms
191	1613.286429	1691.729998	78.4435689224	4.86	0s:17ms
192	1626.176015	1707.916237	81.7402226434	5.03	0s:18ms
193	1638.978104	1722.336844	83.3587400976	5.09	0s:18ms
194	1651.184614	1733.930788	82.7461736083	5.01	0s:18ms
195	1663.511587	1742.176526	78.6649392823	4.73	0s:18ms
196	1676.838498	1757.798572	80.9600734542	4.83	0s:17ms
197	1688.921565	1770.904998	81.9834328647	4.85	0s:18ms
198	1701.700662	1782.097388	80.3967258220	4.72	0s:18ms
199	1714.696039	1797.645421	82.9493820303	4.84	0s:19ms
200	1726.221913	1807.004915	80.7830024141	4.68	0s:20ms

Hoofdstuk 3

Packomania $r_i = i^{1/2}$

Table 3.1: Packomania $r_i = i^{1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
5	4.521480277	4.645331059	0.1238507820	2.74	0s:0ms
6	5.35096299	5.565200476	0.2142374858	4.00	0s:0ms
7	6.049378486	6.313171861	0.2637933742	4.36	0s:0ms
8	6.774266652	7.011200784	0.2369341324	3.50	0s:0ms
9	7.559002377	7.645002451	0.0860000737	1.14	0s:0ms
10	8.303468122	8.773595833	0.4701277110	5.66	0s:0ms
11	9.072125879	9.564217949	0.4920920696	5.42	0s:0ms
12	9.865320304	10.47459566	0.6092753519	6.18	0s:0ms
13	10.58832629	11.28988685	0.7015605668	6.63	0s:0ms
14	11.36497759	12.03662293	0.6716453426	5.91	0s:0ms
15	12.0755266	12.73140124	0.6558746339	5.43	0s:0ms
16	12.81931152	13.54360586	0.7242943423	5.65	0s:0ms
17	13.58212394	14.56084288	0.9787189360	7.21	0s:0ms
18	14.32496989	15.462612	1.1376421126	7.94	0s:0ms
19	15.03535243	16.1728907	1.1375382697	7.57	0s:0ms
20	15.80237882	16.99625392	1.1938751032	7.56	0s:0ms
21	16.55930116	17.78557896	1.2262778069	7.41	0s:0ms
22	17.29396452	18.52909152	1.2351270012	7.14	0s:0ms
23	18.0499852	19.23530642	1.1853212204	6.57	0s:0ms
24	18.79875241	19.91971384	1.1209614357	5.96	0s:0ms
25	19.5506756	20.66318875	1.1125131521	5.69	0s:0ms
26	20.2902618	22.23042619	1.9401643933	9.56	0s:0ms
27	21.06193173	22.9880056	1.9260738751	9.14	0s:1ms
28	21.79712527	23.71343628	1.9163110120	8.79	0s:1ms
29	22.54735751	24.41115787	1.8638003585	8.27	0s:1ms
30	23.25868018	25.19760804	1.9389278525	8.34	0s:1ms
31	24.03727193	25.81304012	1.7757681886	7.39	0s:1ms
32	24.78200903	26.41001473	1.6280056998	6.57	0s:1ms
33	25.54486052	27.14270567	1.5978451512	6.26	0s:1ms
34	26.30459206	28.23676513	1.9321730714	7.35	0s:1ms

Table 3.1: Packomania $r_i = i^{1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
35	27.03382245	29.1675068	2.1336843460	7.89	0s:1ms
36	27.77995711	29.74228203	1.9623249292	7.06	0s:1ms
37	28.52327223	30.55237025	2.0290980255	7.11	0s:1ms
38	29.2801575	31.32911627	2.0489587647	7.00	0s:1ms
39	30.02551081	32.07750685	2.0519960334	6.83	0s:1ms
40	30.75824676	32.80128099	2.0430342306	6.64	0s:1ms
41	31.5074417	33.67925509	2.1718133896	6.89	0s:1ms
42	32.27253417	34.41887774	2.1463435677	6.65	0s:2ms
43	33.01068077	35.03290206	2.0222212869	6.13	0s:2ms
44	33.76125465	35.99501679	2.2337621450	6.62	0s:2ms
45	34.52293182	36.88407979	2.3611479634	6.84	0s:2ms
46	35.24429078	37.49808526	2.2537944845	6.39	0s:2ms
47	35.99250776	38.21813911	2.2256313508	6.18	0s:2ms
48	36.76013222	38.92008922	2.1599570026	5.88	0s:2ms
49	37.46753983	39.73435907	2.2668192423	6.05	0s:2ms
50	38.25556972	40.53178138	2.2762116663	5.95	0s:2ms
51	38.98768932	42.15091723	3.1632279036	8.11	0s:2ms
52	39.74306968	42.89795161	3.1548819271	7.94	0s:2ms
53	40.48968483	43.52039716	3.0307123211	7.49	0s:2ms
54	41.23581075	44.15285577	2.9170450216	7.07	0s:3ms
55	41.98271338	45.00105715	3.0183437706	7.19	0s:3ms
56	42.72931327	45.64420809	2.9148948170	6.82	0s:3ms
57	43.50080653	46.45103577	2.9502292405	6.78	0s:3ms
58	44.22194556	47.13057987	2.9086343035	6.58	0s:3ms
59	44.9825593	48.18944065	3.2068813482	7.13	0s:3ms
60	45.70598269	48.92807634	3.2220936565	7.05	0s:3ms
61	46.47167529	50.12902499	3.6573496935	7.87	0s:3ms
62	47.19034394	50.84643939	3.6560954536	7.75	0s:4ms
63	47.96038659	51.56087869	3.6004921000	7.51	0s:4ms
64	48.70530574	51.94948876	3.2441830170	6.66	0s:4ms
65	49.42245241	52.65486666	3.2324142527	6.54	0s:4ms
66	50.18742036	53.35552985	3.1681094893	6.31	0s:4ms
67	50.90373739	54.0422335	3.1384961055	6.17	0s:4ms
68	51.64886468	54.85582673	3.2069620523	6.21	0s:5ms
69	52.44298308	55.77600995	3.3330268692	6.36	0s:5ms
70	53.18043899	56.43020596	3.2497669710	6.11	0s:4ms
71	53.93496914	57.13993526	3.2049661248	5.94	0s:5ms
72	54.65674105	57.98591706	3.3291760153	6.09	0s:5ms
73	55.42818864	58.92061484	3.4924262054	6.30	0s:5ms
74	56.17979032	59.38454976	3.2047594461	5.70	0s:5ms
75	56.88186606	60.37897148	3.4971054144	6.15	0s:6ms
76	57.65288799	61.03664465	3.3837566627	5.87	0s:5ms
77	58.42166044	61.73259783	3.3109373885	5.67	0s:5ms

Table 3.1: Packomania $r_i = i^{1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
78	59.1476465	62.57629857	3.4286520715	5.80	0s:6ms
79	59.86847145	63.39927675	3.5308053035	5.90	0s:6ms
80	60.63356054	64.2854286	3.6518680539	6.02	0s:6ms
81	61.38066647	65.02500355	3.6443370809	5.94	0s:6ms
82	62.10506478	65.65078433	3.5457195519	5.71	0s:6ms
83	62.88171517	66.23500237	3.3532871953	5.33	0s:6ms
84	63.62031086	67.45460619	3.8342953230	6.03	0s:6ms
85	64.37295794	68.32063478	3.9476768349	6.13	0s:6ms
86	65.10351537	68.97796537	3.8744500057	5.95	0s:6ms
87	65.85511151	69.71427598	3.8591644643	5.86	0s:6ms
88	66.52181857	70.94485009	4.4230315140	6.65	0s:6ms
89	67.3413989	71.79373861	4.4523397045	6.61	0s:7ms
90	68.08292742	72.11066047	4.0277330422	5.92	0s:7ms
91	68.83792287	72.81415128	3.9762284068	5.78	0s:7ms
92	69.58671058	73.49111243	3.9044018523	5.61	0s:7ms
93	70.31569892	74.27702903	3.9613301133	5.63	0s:7ms
94	71.03023084	75.33180092	4.3015700839	6.06	0s:8ms
95	71.82403089	76.50249183	4.6784609402	6.51	0s:8ms
96	72.54565607	77.36198139	4.8163253140	6.64	0s:7ms
97	73.30173645	78.05100651	4.7492700614	6.48	0s:7ms
98	74.06394605	78.39015055	4.3262045063	5.84	0s:8ms
99	74.80086926	79.06946294	4.2685936749	5.71	0s:8ms
100	75.54699422	79.96233173	4.4153375112	5.84	0s:8ms

Hoofdstuk 4

Packomania $r_i = i^{-1/5}$

Table 4.1: Packomania $r_i = i^{-1/5}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
5	2.244615846	2.417764166	0.1731483194	7.71	0s:0ms
6	2.387986383	2.490641404	0.1026550210	4.30	0s:0ms
7	2.422623343	2.541024002	0.1184006594	4.89	0s:0ms
8	2.523820904	2.802493413	0.2786725086	11.04	0s:0ms
9	2.630026572	2.893082814	0.2630562428	10.00	0s:0ms
10	2.715784826	3.043778646	0.3279938201	12.08	0s:0ms
11	2.767466306	3.06381508	0.2963487739	10.71	0s:0ms
12	2.829018403	3.06381508	0.2347966767	8.30	0s:0ms
13	2.92391778	3.146230401	0.2223126209	7.60	0s:0ms
14	2.984783969	3.31986946	0.3350854907	11.23	0s:0ms
15	3.040492052	3.31986946	0.2793774083	9.19	0s:0ms
16	3.096414432	3.33097666	0.2345622289	7.58	0s:0ms
17	3.15212915	3.438918964	0.2867898134	9.10	0s:0ms
18	3.214823783	3.529068281	0.3142444981	9.77	0s:0ms
19	3.259332781	3.574355458	0.3150226770	9.67	0s:0ms
20	3.311831017	3.595528088	0.2836970703	8.57	0s:0ms
21	3.36159381	3.813698731	0.4521049215	13.45	0s:0ms
22	3.411451256	3.813698731	0.4022474751	11.79	0s:0ms
23	3.450137359	3.826191897	0.3760545382	10.90	0s:0ms
24	3.502510278	3.849500792	0.3469905142	9.91	0s:0ms
25	3.545245578	3.849500792	0.3042552139	8.58	0s:0ms
26	3.591133783	3.969766564	0.3786327815	10.54	0s:1ms
27	3.632687191	4.057652417	0.4249652256	11.70	0s:1ms
28	3.673947341	4.057652417	0.3837050759	10.44	0s:1ms
29	3.709614743	4.102992738	0.3933779955	10.60	0s:1ms
30	3.753020534	4.102992738	0.3499722044	9.33	0s:1ms
31	3.794636899	4.100467051	0.3058301526	8.06	0s:1ms
32	3.826360682	4.161242705	0.3348820228	8.75	0s:1ms
33	3.866024486	4.161242705	0.2952182183	7.64	0s:1ms
34	3.901727549	4.27545313	0.3737255803	9.58	0s:1ms

Table 4.1: Packomania $r_i = i^{-1/5}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
35	3.936688768	4.291727438	0.3550386705	9.02	0s:1ms
36	3.969717962	4.308499631	0.3387816690	8.53	0s:1ms
37	4.006158224	4.360397929	0.3542397051	8.84	0s:1ms
38	4.038554895	4.363613142	0.3250582469	8.05	0s:1ms
39	4.074618568	4.457940853	0.3833222845	9.41	0s:1ms
40	4.105672784	4.500185046	0.3945122618	9.61	0s:2ms
41	4.129990611	4.500185046	0.3701944350	8.96	0s:2ms
42	4.170056305	4.516843613	0.3467873080	8.32	0s:2ms
43	4.196545217	4.556691854	0.3601466376	8.58	0s:2ms
44	4.230014441	4.556691854	0.3266774127	7.72	0s:2ms
45	4.258819887	4.559478152	0.3006582655	7.06	0s:2ms
46	4.279963899	4.578989471	0.2990255718	6.99	0s:2ms
47	4.31934031	4.684566353	0.3652260424	8.46	0s:2ms
48	4.340298255	4.718254714	0.3779564595	8.71	0s:2ms
49	4.369922887	4.718254714	0.3483318277	7.97	0s:2ms
50	4.398199789	4.718254714	0.3200549252	7.28	0s:2ms
51	4.421005635	4.789771253	0.3687656172	8.34	0s:3ms
52	4.457103013	4.79446383	0.3373608175	7.57	0s:3ms
53	4.481095278	4.88401277	0.4029174922	8.99	0s:3ms
54	4.507233924	4.94871256	0.4414786359	9.79	0s:3ms
55	4.533359692	4.94871256	0.4153528680	9.16	0s:3ms
56	4.552402168	4.94871256	0.3963103920	8.71	0s:3ms
57	4.583331939	4.960637843	0.3773059034	8.23	0s:3ms
58	4.604279546	5.006194354	0.4019148082	8.73	0s:3ms
59	4.633931987	5.015140166	0.3812081781	8.23	0s:3ms
60	4.661004393	5.039668431	0.3786640380	8.12	0s:3ms
61	4.67975982	5.039668431	0.3599086110	7.69	0s:3ms
62	4.703936871	5.08559604	0.3816591685	8.11	0s:4ms
63	4.734693491	5.08559604	0.3509025491	7.41	0s:4ms
64	4.754788576	5.09503129	0.3402427132	7.16	0s:4ms

Hoofdstuk 5

Packomania $r_i = i^{-1/2}$

Table 5.1: Packomania $r_i = i^{-1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
5	1.751552455	1.802472656	0.0509202011	2.91	0s:0ms
6	1.810076939	1.873533983	0.0634570432	3.51	0s:0ms
7	1.838724068	1.963882951	0.1251588836	6.81	0s:0ms
8	1.858400955	1.963882951	0.1054819968	5.68	0s:0ms
9	1.878812755	2.003759856	0.1249471003	6.65	0s:0ms
10	1.913435515	2.054440116	0.1410046004	7.37	0s:0ms
11	1.929187751	2.055014716	0.1258269651	6.52	0s:0ms
12	1.949823437	2.0660242	0.1162007622	5.96	0s:0ms
13	1.965236819	2.113388316	0.1481514969	7.54	0s:0ms
14	1.980248748	2.14077957	0.1605308220	8.11	0s:0ms
15	1.992709274	2.14077957	0.1480702960	7.43	0s:0ms
16	2.004585778	2.140794139	0.1362083606	6.79	0s:0ms
17	2.015257783	2.140794139	0.1255363550	6.23	0s:0ms
18	2.028148582	2.161557565	0.1334089823	6.58	0s:0ms
19	2.041997315	2.189486219	0.1474889039	7.22	0s:0ms
20	2.051442268	2.195567792	0.1441255240	7.03	0s:0ms
21	2.062331108	2.195567792	0.1332366847	6.46	0s:0ms
22	2.06796317	2.195567792	0.1276046224	6.17	0s:0ms
23	2.079772368	2.195567792	0.1157954243	5.57	0s:0ms
24	2.090383164	2.212125838	0.1217426733	5.82	0s:0ms
25	2.097527836	2.212125838	0.1145980019	5.46	0s:0ms
26	2.107630171	2.212125838	0.1044956670	4.96	0s:0ms
27	2.115890492	2.212125838	0.0962353458	4.55	0s:1ms
28	2.122849176	2.25561005	0.1327608737	6.25	0s:1ms
29	2.13197913	2.26989985	0.1379207195	6.47	0s:1ms
30	2.137483926	2.26989985	0.1324159233	6.19	0s:1ms
31	2.148983307	2.272391577	0.1234082702	5.74	0s:1ms
32	2.155354151	2.272391577	0.1170374256	5.43	0s:1ms
33	2.165803682	2.300760835	0.1349571532	6.23	0s:1ms
34	2.174364112	2.300760835	0.1263967230	5.81	0s:1ms

Table 5.1: Packomania $r_i = i^{-1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
35	2.171162102	2.303126269	0.1319641666	6.08	0s:1ms
36	2.184151152	2.31172537	0.1275742188	5.84	0s:1ms
37	2.190324008	2.31172537	0.1214013622	5.54	0s:1ms
38	2.200283193	2.327362681	0.1270794878	5.78	0s:1ms
39	2.207438262	2.327362681	0.1199244191	5.43	0s:2ms
40	2.215788047	2.336852047	0.1210639995	5.46	0s:2ms
41	2.221496388	2.336852047	0.1153556592	5.19	0s:2ms
42	2.225063517	2.348630674	0.1235671577	5.55	0s:2ms
43	2.225967367	2.348630674	0.1226633073	5.51	0s:2ms
44	2.22976905	2.348630674	0.1188616248	5.33	0s:2ms
45	2.235330122	2.348630674	0.1133005522	5.07	0s:2ms
46	2.24069414	2.348630674	0.1079365346	4.82	0s:2ms
47	2.251179399	2.348630674	0.0974512759	4.33	0s:2ms
48	2.2546717	2.348630674	0.0939589745	4.17	0s:3ms
49	2.259576657	2.348630674	0.0890540172	3.94	0s:3ms
50	2.263343706	2.348630674	0.0852869681	3.77	0s:3ms
51	2.270868233	2.361262988	0.0903947555	3.98	0s:3ms
52	2.279267038	2.367760412	0.0884933744	3.88	0s:3ms
53	2.281766324	2.367760412	0.0859940880	3.77	0s:3ms
54	2.284519164	2.381915573	0.0973964091	4.26	0s:7ms
55	2.285947292	2.383596802	0.0976495093	4.27	0s:4ms
56	2.285979541	2.383596802	0.0976172611	4.27	0s:4ms
57	2.288534442	2.384328728	0.0957942864	4.19	0s:4ms
58	2.292664714	2.385305153	0.0926404388	4.04	0s:4ms
59	2.296297312	2.38689011	0.0905927983	3.95	0s:4ms
60	2.306501919	2.407776328	0.1012744095	4.39	0s:4ms
61	2.311319628	2.409449022	0.0981293940	4.25	0s:4ms
62	2.317481916	2.409449022	0.0919671063	3.97	0s:4ms
63	2.318797322	2.409449022	0.0906517004	3.91	0s:4ms
64	2.320980355	2.409449022	0.0884686673	3.81	0s:5ms
65	2.321469818	2.413031572	0.0915617534	3.94	0s:5ms
66	2.324362904	2.416403418	0.0920405139	3.96	0s:5ms
67	2.332217263	2.416403418	0.0841861545	3.61	0s:5ms
68	2.334282511	2.416403418	0.0821209072	3.52	0s:5ms
69	2.341094038	2.416403418	0.0753093795	3.22	0s:5ms
70	2.344495311	2.41743353	0.0729382190	3.11	0s:5ms
71	2.348186028	2.434594573	0.0864085445	3.68	0s:6ms
72	2.348822083	2.434594573	0.0857724897	3.65	0s:6ms
73	2.347237572	2.434594573	0.0873570010	3.72	0s:7ms
74	2.35004496	2.439743433	0.0896984733	3.82	0s:6ms
75	2.352202465	2.439743433	0.0875409681	3.72	0s:7ms
76	2.352948629	2.446211033	0.0932624035	3.96	0s:7ms
77	2.357614973	2.458852324	0.1012373513	4.29	0s:8ms

Table 5.1: Packomania $r_i = i^{-1/2}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
78	2.354416639	2.458852324	0.1044356856	4.44	0s:7ms
79	2.355232406	2.458852324	0.1036199180	4.40	0s:7ms
80	2.35721057	2.458852324	0.1016417546	4.31	0s:7ms
81	2.358864905	2.462287263	0.1034223576	4.38	0s:9ms
82	2.362221053	2.462287263	0.1000662097	4.24	0s:9ms
83	2.364586515	2.469562772	0.1049762569	4.44	0s:8ms
84	2.367639497	2.470848575	0.1032090780	4.36	0s:8ms
85	2.369100792	2.477635185	0.1085343927	4.58	0s:9ms
86	2.374745075	2.477635185	0.1028901101	4.33	0s:9ms
87	2.37769523	2.477635185	0.0999399553	4.20	0s:8ms
88	2.378456936	2.477635185	0.0991782491	4.17	0s:10ms
89	2.382644831	2.477635185	0.0949903541	3.99	0s:14ms
90	2.388107932	2.477635185	0.0895272530	3.75	0s:9ms
91	2.40120373	2.477635185	0.0764314548	3.18	0s:10ms
92	2.40172684	2.477635185	0.0759083455	3.16	0s:10ms
93	2.404023803	2.477635185	0.0736113818	3.06	0s:9ms
94	2.404197382	2.477635185	0.0734378028	3.05	0s:9ms
95	2.410782192	2.48978687	0.0790046782	3.28	0s:10ms
96	2.413190402	2.490964995	0.0777745929	3.22	0s:10ms
97	2.412677724	2.490964995	0.0782872702	3.24	0s:10ms
98	2.414386149	2.497843145	0.0834569954	3.46	0s:10ms
99	2.416192906	2.497843145	0.0816502382	3.38	0s:11ms
100	2.426033793	2.495438263	0.0694044704	2.86	0s:11ms

Hoofdstuk 6

Packomania $r_i = i^{-2/3}$

Table 6.1: Packomania $r_i = i^{-2/3}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
5	1.629960525	1.629960525	0.0000000000	0.00	0s:0ms
6	1.629960525	1.629960525	0.0000000000	0.00	0s:0ms
7	1.62997278	1.653697845	0.0237250648	1.46	0s:0ms
8	1.631484075	1.654338063	0.0228539885	1.40	0s:0ms
9	1.637863996	1.679866987	0.0420029910	2.56	0s:0ms
10	1.646957238	1.679866987	0.0329097486	2.00	0s:0ms
11	1.650313825	1.682192134	0.0318783092	1.93	0s:0ms
12	1.656760259	1.683078469	0.0263182105	1.59	0s:0ms
13	1.662778033	1.714281175	0.0515031423	3.10	0s:0ms
14	1.670183528	1.729067653	0.0588841247	3.53	0s:0ms
15	1.673001055	1.729067653	0.0560665977	3.35	0s:0ms
16	1.679631815	1.73789466	0.0582628453	3.47	0s:0ms
17	1.683840973	1.73789466	0.0540536868	3.21	0s:0ms
18	1.686025242	1.738271955	0.0522467129	3.10	0s:0ms
19	1.689532602	1.770039695	0.0805070930	4.77	0s:0ms
20	1.696447725	1.770039695	0.0735919695	4.34	0s:0ms
21	1.698943028	1.770039695	0.0710966671	4.18	0s:0ms
22	1.700668034	1.770757259	0.0700892256	4.12	0s:0ms
23	1.703933782	1.770757259	0.0668234774	3.92	0s:0ms
24	1.705387705	1.770757259	0.0653695549	3.83	0s:0ms
25	1.712330424	1.770757259	0.0584268354	3.41	0s:0ms
26	1.714593298	1.771802524	0.0572092258	3.34	0s:0ms
27	1.718985638	1.785339316	0.0663536785	3.86	0s:1ms
28	1.721909048	1.785339316	0.0634302683	3.68	0s:1ms
29	1.722427772	1.785339316	0.0629115448	3.65	0s:1ms
30	1.725040754	1.785339316	0.0602985628	3.50	0s:1ms
31	1.72537599	1.785339316	0.0599633265	3.48	0s:1ms
32	1.727084673	1.785339316	0.0582546429	3.37	0s:1ms
33	1.731890808	1.785339316	0.0534485086	3.09	0s:1ms
34	1.732984603	1.785339316	0.0523547133	3.02	0s:1ms

Table 6.1: Packomania $r_i = i^{-2/3}$

N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
35	1.733788081	1.785339316	0.0515512354	2.97	0s:1ms
36	1.733942525	1.785339316	0.0513967910	2.96	0s:1ms
37	1.73433911	1.785480739	0.0511416288	2.95	0s:1ms
38	1.736647727	1.785480739	0.0488330114	2.81	0s:1ms
39	1.740163339	1.793653228	0.0534898894	3.07	0s:1ms
40	1.740440323	1.793653228	0.0532129052	3.06	0s:1ms
41	1.743049384	1.793653228	0.0506038436	2.90	0s:1ms
42	1.74463862	1.793653228	0.0490146083	2.81	0s:1ms
43	1.746050874	1.793653228	0.0476023541	2.73	0s:2ms
44	1.747310651	1.793653228	0.0463425767	2.65	0s:2ms
45	1.74702235	1.793653228	0.0466308777	2.67	0s:2ms
46	1.747830527	1.793653228	0.0458227015	2.62	0s:2ms
47	1.750876036	1.793653228	0.0427771925	2.44	0s:2ms
48	1.752745314	1.79723811	0.0444927958	2.54	0s:2ms
49	1.753835619	1.79723811	0.0434024905	2.47	0s:2ms
50	1.754493929	1.79723811	0.0427441809	2.44	0s:2ms
51	1.754510736	1.79723811	0.0427273733	2.44	0s:2ms
52	1.754548663	1.79723811	0.0426894470	2.43	0s:2ms
53	1.757284994	1.797834156	0.0405491620	2.31	0s:3ms
54	1.76113362	1.801421901	0.0402882810	2.29	0s:3ms
55	1.768231856	1.801421901	0.0331900447	1.88	0s:3ms
56	Missing	1.803122244			0s:3ms
57	1.772557462	1.803122244	0.0305647820	1.72	0s:3ms
58	1.772711083	1.803122244	0.0304111611	1.72	0s:3ms
59	1.774022224	1.803122244	0.0291000203	1.64	0s:3ms
60	1.772831554	1.806012683	0.0331811293	1.87	0s:3ms

Hoofdstuk 7

Packomania Benchmark Instances

Table 7.1: Packomania Benchmark Instances

Instantie	N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
NR10-1	10	99.88507689	105.2785764	5.3934994850	5.40	0s:0ms
NR11-1	11	60.70996139	64.21790153	3.5079401370	5.78	0s:1ms
NR12-1	12	65.02442247	69.5660027	4.5415802283	6.98	0s:0ms
NR14-1	14	113.5587629	119.9892774	6.4305144700	5.66	0s:1ms
NR15-1	15	38.91138667	40.83623531	1.9248486471	4.95	0s:1ms
NR15-2	15	38.83799551	40.46917515	1.6311796458	4.20	0s:0ms
NR16-1	16	143.3797811	153.1680967	9.7883156069	6.83	0s:0ms
NR16-2	16	127.6978254	138.852915	11.1550895980	8.74	0s:0ms
NR17-1	17	49.18730653	50.88962734	1.7023208042	3.46	0s:0ms
NR18-1	18	196.982624	207.315911	10.3332869685	5.25	0s:0ms
NR20-1	20	125.1177542	132.3922982	7.2745439975	5.81	0s:0ms
NR20-2	20	121.7887166	131.2593927	9.4706761087	7.78	0s:0ms
NR21-1	21	148.0967879	156.9650187	8.8682307593	5.99	0s:0ms
NR23-1	23	174.3425422	184.1686439	9.8261016920	5.64	0s:0ms
NR24-1	24	137.7590521	142.434406	4.6753539539	3.39	0s:1ms
NR25-1	25	188.7187899	199.1131651	10.3943751609	5.51	0s:1ms
NR26-1	26	244.5742803	264.8485458	20.2742655209	8.29	0s:1ms
NR26-2	26	300.2630794	331.9292039	31.6661245429	10.55	0s:1ms
NR27-1	27	220.659606	233.3093883	12.6497823783	5.73	0s:1ms
NR30-1	30	177.2586681	184.4651984	7.2065303184	4.07	0s:1ms
NR30-2	30	172.6501848	182.7352882	10.0851033839	5.84	0s:1ms
NR40-1	40	352.4026268	382.7128028	30.3101760009	8.60	0s:2ms
NR50-1	50	376.8063801	394.6690622	17.8626821409	4.74	0s:3ms
NR60-1	60	514.8363192	547.7523987	32.9160794969	6.39	0s:4ms
IN9-1	9	24.14213562	27.32050808	3.1783724520	13.17	0s:0ms
IN10-1	10	98.8354317	102.6159684	3.7805367434	3.83	0s:0ms
IN10-2	10	99.88507689	105.2785764	5.3934994850	5.40	0s:0ms
IN11-1	11	56.98440037	61.42216631	4.4377659420	7.79	0s:0ms
IN11-2	11	60.70996139	64.21790153	3.5079401370	5.78	0s:0ms
IN12-1	12	215.4700538	215.4700538	0.0000000000	0.00	0s:0ms

Table 7.1: Packomania Benchmark Instances

Instantie	N	Beste radius	Radius	Vergroting	Vergroting (%)	Tijd
IN14-1	14	113.5587629	119.9892774	6.4305144700	5.66	0s:0ms
IN15-1	15	38.83799551	40.46917515	1.6311796458	4.20	0s:0ms
IN16-1	16	127.6978254	138.852915	11.1550895980	8.74	0s:0ms
IN17-1	17	49.18730653	50.88962734	1.7023208042	3.46	0s:0ms
IN17-2	17	241.4213562	273.2050808	31.7837245196	13.17	0s:0ms
IN25-1	25	21.54700538	22.53477869	0.9877733061	4.58	0s:0ms
IN28-1	28	21.54700538	21.54700538	0.0000000000	0.00	0s:1ms
IN162-1	162	11.40165346	11.92099073	0.5193372717	4.55	0s:27ms

Hoofdstuk 8

Grotere aantallen cirkels

Table 8.1: Grotere aantallen gelijke cirkels

circlecount	Radius	Overlap (<i>eenheden</i> ²)	Tijd
100	11.22161834	1.96E-21	0s:12ms
105	11.64994408	2.25E-21	0s:29ms
110	11.92957553	2.45E-21	0s:10ms
115	11.98886264	3.36E-21	0s:11ms
120	12.13552873	3.70E-21	0s:11ms
125	12.63447234	3.91E-21	0s:11ms
130	12.82320937	4.19E-21	0s:11ms
135	13.01998336	4.35E-21	0s:22ms
140	13.22020185	3.65E-21	0s:31ms
145	13.60654706	3.88E-21	0s:28ms
150	13.69673582	5.46E-21	0s:16ms
155	13.83517111	5.48E-21	0s:15ms
160	14.23855201	5.75E-21	0s:21ms
165	14.37576869	7.95E-21	0s:16ms
170	14.46358601	5.09E-21	0s:19ms
175	14.81122732	5.56E-21	0s:17ms
180	15.04283402	8.22E-21	0s:16ms
185	15.17744688	8.49E-21	0s:18ms
190	15.44005747	5.98E-21	0s:18ms
195	15.54379912	6.27E-21	0s:19ms
200	15.75119643	7.64E-21	0s:21ms
205	15.90805152	7.74E-21	0s:23ms
210	16.14931768	1.23E-20	0s:23ms
215	16.28243481	8.26E-21	0s:26ms
220	16.39890905	1.25E-20	0s:29ms
225	16.53490693	8.79E-21	0s:26ms
230	16.90713793	8.82E-21	0s:30ms
235	17.06514106	8.96E-21	0s:29ms
240	17.14963914	1.32E-20	0s:30ms
245	17.25299972	1.38E-20	0s:28ms

Table 8.1: Grotere aantallen gelijke cirkels

circlecount	Radius	Overlap (<i>eenheden</i> ²)	Tijd
250	17.37070554	1.38E-20	0s:30ms
255	17.72628456	1.40E-20	0s:77ms
260	17.89235924	1.20E-20	0s:47ms
265	17.95759417	1.63E-20	0s:33ms
270	18.1410252	1.24E-20	0s:32ms
275	18.22469348	1.33E-20	0s:33ms
280	18.42182539	1.91E-20	0s:34ms
285	18.64160813	1.39E-20	0s:36ms
290	18.84293615	1.39E-20	0s:36ms
295	18.98816179	2.02E-20	0s:36ms
300	19.08109305	1.44E-20	0s:38ms
305	19.2032964	1.56E-20	0s:37ms
310	19.33030278	1.57E-20	0s:40ms
315	19.69442381	2.22E-20	0s:42ms
320	19.80458365	2.22E-20	0s:42ms
325	19.84030353	1.70E-20	0s:41ms
330	20.01547278	1.74E-20	0s:42ms
335	20.13950611	1.74E-20	0s:43ms
340	20.36069426	1.75E-20	0s:44ms
345	20.52304634	2.48E-20	0s:47ms
350	20.54895489	1.85E-20	0s:46ms
355	20.65684098	2.67E-20	0s:49ms
360	20.84615385	2.77E-20	0s:51ms
365	20.99467385	2.84E-20	0s:54ms
370	21.11897793	2.13E-20	0s:52ms
375	21.31745675	2.35E-20	0s:53ms
380	21.43793492	2.36E-20	0s:55ms
385	21.55684318	2.87E-20	0s:56ms
390	21.66453015	3.00E-20	0s:56ms
395	21.74769638	3.11E-20	0s:59ms
400	21.90476642	3.18E-20	0s:58ms
405	22	2.68E-20	0s:59ms
410	22.21107361	3.22E-20	0s:61ms
415	22.36756008	3.32E-20	0s:62ms
420	22.42664798	3.36E-20	0s:64ms
425	22.59797658	3.45E-20	0s:65ms
430	22.71491227	2.94E-20	0s:73ms
435	22.82631792	3.61E-20	0s:70ms
440	22.9918728	3.68E-20	0s:70ms
445	23.16635288	3.18E-20	0s:68ms
450	23.21726014	3.37E-20	0s:71ms
455	23.35825976	3.38E-20	0s:71ms
460	23.4155135	3.58E-20	0s:74ms

Table 8.1: Grotere aantallen gelijke cirkels

circlecount	Radius	Overlap (<i>eenheden</i> ²)	Tijd
465	23.47988939	3.58E-20	0s:76ms
470	23.74258017	4.46E-20	0s:78ms
475	23.79408362	3.78E-20	0s:78ms
480	23.91287847	4.72E-20	0s:80ms
485	24.15787342	4.74E-20	0s:80ms
490	24.24517941	4.77E-20	0s:81ms
495	24.33288393	4.79E-20	0s:85ms
500	24.52429941	4.26E-20	0s:87ms
510	24.64451562	5.13E-20	0s:86ms
520	24.87322808	5.51E-20	0s:89ms
530	25.07703685	4.99E-20	0s:94ms
540	25.33613662	5.80E-20	0s:100ms
550	25.58992395	5.25E-20	0s:99ms
560	25.69331893	5.44E-20	0s:103ms
570	25.9803014	5.59E-20	0s:108ms
580	26.05992817	6.63E-20	0s:107ms
590	26.52822526	6.88E-20	0s:119ms
600	26.68680507	7.06E-20	0s:114ms
610	26.78209063	7.24E-20	0s:122ms
620	27.0673468	6.78E-20	0s:120ms
630	27.28687886	7.00E-20	0s:131ms
640	27.53206826	7.22E-20	0s:126ms
650	27.64006425	8.85E-20	0s:133ms
660	27.90817651	9.15E-20	0s:136ms
670	28.05549852	9.40E-20	0s:139ms
680	28.40100025	9.52E-20	0s:144ms
690	28.54406055	8.82E-20	0s:146ms
700	28.67815023	1.05E-19	0s:145ms
710	29.0038737	9.24E-20	0s:148ms
720	29.0620614	9.65E-20	0s:151ms
730	29.36511542	1.11E-19	0s:163ms
740	29.50721237	1.19E-19	0s:156ms
750	29.67871233	1.06E-19	0s:160ms
760	29.95424395	1.28E-19	0s:167ms
770	30.24545905	1.30E-19	0s:172ms
780	30.32137294	1.32E-19	0s:171ms
790	30.50260509	1.34E-19	0s:185ms
800	30.67818507	1.20E-19	0s:174ms
810	30.77681777	1.41E-19	0s:187ms
820	30.95359671	1.23E-19	0s:182ms
830	31.13285519	1.24E-19	0s:187ms
840	31.2654919	1.28E-19	0s:197ms
850	31.54653575	1.32E-19	0s:202ms

Table 8.1: Grotere aantallen gelijke cirkels

circlecount	Radius	Overlap (<i>eenheden</i> ²)	Tijd
860	31.78271508	1.36E-19	0s:207ms
870	31.89169848	1.64E-19	0s:207ms
880	32.04702079	1.74E-19	0s:215ms
890	32.23994446	1.77E-19	0s:215ms
900	32.42027288	1.87E-19	0s:215ms
910	32.66989681	1.92E-19	0s:224ms
920	32.78388285	1.92E-19	0s:227ms
930	32.89079936	1.93E-19	0s:231ms
940	33.11875264	1.63E-19	0s:234ms
950	33.18695388	1.95E-19	0s:232ms
960	33.54983256	1.99E-19	0s:248ms
970	33.65881357	2.02E-19	0s:253ms
980	33.80753366	1.81E-19	0s:253ms
990	33.96319611	1.91E-19	0s:246ms
1000	34.19787581	1.94E-19	0s:252ms
1100	35.8477868	2.41E-19	0s:295ms
1200	37.28489633	2.94E-19	0s:336ms
1300	38.89323424	3.45E-19	0s:391ms
1400	40.26528552	3.81E-19	0s:425ms
1500	41.68391561	4.29E-19	0s:472ms
1600	42.93386435	4.76E-19	0s:530ms
1700	44.30874729	6.18E-19	0s:581ms
1800	45.52705198	7.04E-19	0s:644ms
1900	46.78978667	6.85E-19	0s:698ms
2000	47.98140222	7.66E-19	0s:747ms
3000	58.49108183	1.76E-18	1s:447ms
4000	67.45994578	3.07E-18	2s:325ms
5000	75.2832421	4.80E-18	3s:237ms
6000	82.39743073	7.21E-18	4s:300ms
7000	88.91507648	1.03E-17	5s:544ms
8000	95.01109884	1.43E-17	6s:842ms
9000	100.6438734	1.89E-17	8s:315ms
10000	106.0253597	2.32E-17	9s:848ms
11000	111.1346661	3.14E-17	11s:309ms
12000	116.0794088	3.76E-17	12s:915ms
13000	120.7501442	4.43E-17	14s:766ms
14000	125.3002024	5.07E-17	16s:606ms

Table 8.2: Groteren aantallen cirkels: $r_i = i^{1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
100	79.96233173	6.94E-20	0s:8ms
105	84.05143842	7.37E-20	0s:9ms
110	87.78557861	1.02E-19	0s:9ms
115	91.45993336	7.77E-20	0s:10ms
120	95.12707047	1.12E-19	0s:11ms
125	98.77159523	8.44E-20	0s:12ms
130	103.1136716	1.26E-19	0s:12ms
135	106.654298	1.35E-19	0s:14ms
140	110.5885873	1.38E-19	0s:14ms
145	114.4085476	1.71E-19	0s:15ms
150	118.8037909	2.24E-19	0s:16ms
155	122.7246615	1.71E-19	0s:17ms
160	126.306219	2.21E-19	0s:17ms
165	130.1440849	2.69E-19	0s:19ms
170	133.468773	2.18E-19	0s:19ms
175	137.7670791	2.92E-19	0s:20ms
180	142.2191787	2.50E-19	0s:22ms
185	145.7746463	2.72E-19	0s:23ms
190	149.2413921	3.48E-19	0s:23ms
195	153.4548863	2.96E-19	0s:24ms
200	157.7215756	3.20E-19	0s:25ms
205	161.1156616	4.83E-19	0s:27ms
210	165.1317966	4.46E-19	0s:27ms
215	169.0203607	5.05E-19	0s:28ms
220	172.5390454	4.51E-19	0s:29ms
225	177.542319	5.21E-19	0s:31ms
230	180.714303	5.19E-19	0s:32ms
235	184.5412236	5.35E-19	0s:33ms
240	188.7016149	5.37E-19	0s:34ms
245	192.2475854	6.17E-19	0s:35ms
250	195.7658459	6.22E-19	0s:37ms
255	200.4262244	6.71E-19	0s:37ms
260	203.7903222	8.38E-19	0s:38ms
265	207.6218597	8.89E-19	0s:39ms
270	211.3834331	8.55E-19	0s:40ms
275	215.1642398	9.50E-19	0s:42ms
280	219.2278677	8.38E-19	0s:43ms
285	223.656158	9.54E-19	0s:43ms
290	226.903278	9.43E-19	0s:45ms
295	230.7994902	1.10E-18	0s:46ms
300	234.6681225	9.59E-19	0s:47ms
305	238.5051768	1.09E-18	0s:50ms
310	243.3099584	9.40E-19	0s:51ms

Table 8.2: Groteren aantallen cirkels: $r_i = i^{1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
315	247.0706903	1.15E-18	0s:54ms
320	251.2033705	1.05E-18	0s:58ms
325	255.1719615	1.48E-18	0s:56ms
330	257.9970656	1.25E-18	0s:57ms
335	262.5511235	1.34E-18	0s:57ms
340	265.9126966	1.56E-18	0s:59ms
345	270.1469745	1.54E-18	0s:60ms
350	273.161874	1.50E-18	0s:60ms
355	277.8346517	1.52E-18	0s:64ms
360	281.1886388	1.82E-18	0s:64ms
365	284.9948165	1.81E-18	0s:66ms
370	289.3322195	1.85E-18	0s:70ms
375	292.9225658	2.19E-18	0s:68ms
380	296.0780502	2.06E-18	0s:68ms
385	301.0845836	1.98E-18	0s:71ms
390	304.3952004	2.09E-18	0s:72ms
395	308.1938475	2.03E-18	0s:74ms
400	312.5865133	2.16E-18	0s:75ms
405	316.4206369	2.27E-18	0s:80ms
410	320.6676396	2.22E-18	0s:81ms
415	323.4776434	2.26E-18	0s:82ms
420	327.0737374	2.54E-18	0s:86ms
425	333.1675337	2.53E-18	0s:85ms
430	335.4957382	2.61E-18	0s:83ms
435	339.5329845	3.24E-18	0s:92ms
440	342.7604707	3.25E-18	0s:94ms
445	346.1088676	3.15E-18	0s:92ms
450	350.8373936	3.24E-18	0s:92ms
455	354.4617437	2.98E-18	0s:92ms
460	357.7972301	3.37E-18	0s:94ms
465	362.1526092	3.59E-18	0s:100ms
470	366.4407143	3.09E-18	0s:103ms
475	369.4044264	3.49E-18	0s:101ms
480	373.6747202	3.90E-18	0s:102ms
485	377.4925095	3.82E-18	0s:102ms
490	382.1702947	3.39E-18	0s:103ms
495	385.9004623	4.40E-18	0s:109ms
500	388.6269025	4.12E-18	0s:111ms
510	397.4158857	4.46E-18	0s:111ms
520	405.3783735	5.09E-18	0s:121ms
530	413.0394354	4.54E-18	0s:120ms
540	419.465747	5.92E-18	0s:129ms
550	427.9764321	4.68E-18	0s:131ms

Table 8.2: Groteren aantallen cirkels: $r_i = i^{1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
560	435.3921165	6.05E-18	0s:131ms
570	444.0256876	5.79E-18	0s:135ms
580	451.2569651	6.86E-18	0s:140ms
590	457.4949866	6.22E-18	0s:138ms
600	466.4985543	6.12E-18	0s:154ms
610	473.0908132	6.10E-18	0s:153ms
620	481.2584853	6.81E-18	0s:154ms
630	489.7126498	7.66E-18	0s:158ms
640	497.0666802	7.29E-18	0s:160ms
650	504.0676938	7.92E-18	0s:169ms
660	511.6301012	7.63E-18	0s:171ms
670	521.5962752	8.28E-18	0s:173ms
680	528.8311877	8.46E-18	0s:187ms
690	535.2035056	9.73E-18	0s:180ms
700	542.8952149	8.04E-18	0s:184ms
710	551.0170143	1.01E-17	0s:190ms
720	558.1588392	1.05E-17	0s:198ms
730	567.4901584	9.77E-18	0s:196ms
740	573.276518	1.23E-17	0s:203ms
750	581.2298345	1.20E-17	0s:204ms
760	589.8934426	1.39E-17	0s:216ms
770	597.0198136	1.40E-17	0s:222ms
780	603.3958875	1.32E-17	0s:225ms
790	611.1325072	1.28E-17	0s:220ms
800	620.0827022	1.54E-17	0s:233ms
810	626.0777735	1.44E-17	0s:238ms
820	634.6977106	1.64E-17	0s:241ms
830	641.9483441	1.59E-17	0s:243ms
840	651.1008618	1.86E-17	0s:249ms
850	658.3912185	1.63E-17	0s:261ms
860	665.2911313	1.59E-17	0s:258ms
870	674.2433128	2.05E-17	0s:261ms
880	682.0472412	2.02E-17	0s:266ms
890	688.9082822	1.93E-17	0s:268ms
900	696.3261205	2.05E-17	0s:276ms
910	704.5445243	2.30E-17	0s:287ms
920	711.0677811	2.00E-17	0s:280ms
930	719.4813428	2.16E-17	0s:296ms
940	727.8502734	2.19E-17	0s:296ms
950	735.2618414	2.29E-17	0s:316ms
960	743.0925736	2.40E-17	0s:312ms
970	749.4519742	2.17E-17	0s:309ms
980	757.0076874	2.72E-17	0s:330ms

Table 8.2: Groteren aantallen cirkels: $r_i = i^{1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
990	767.011709	2.59E-17	0s:330ms
1000	774.0131872	2.72E-17	0s:339ms
1100	849.6728853	3.23E-17	0s:385ms
1200	926.1796164	4.35E-17	0s:448ms
1300	1001.604293	5.46E-17	0s:509ms
1400	1079.798785	6.69E-17	0s:562ms
1500	1156.055812	8.82E-17	0s:631ms
1600	1233.213828	9.67E-17	0s:705ms
1700	1309.750398	1.20E-16	0s:768ms
1800	1386.13319	1.34E-16	0s:824ms
1900	1462.807238	1.54E-16	0s:888ms
2000	1539.951867	1.79E-16	1s:15ms
3000	2303.207787	4.22E-16	1s:810ms
4000	3066.965929	1.11E-15	2s:816ms
5000	3830.949569	1.90E-15	3s:968ms
6000	4595.507795	336.1716726	5s:210ms
7000	5358.723848	585.3556305	6s:511ms
8000	6116.413934	7.83E-15	7s:726ms
9000	6874.532534	0.1235373296	9s:550ms
10000	7646.122416	1.454465798	11s:589ms
11000	8398.61771	1.64E-14	13s:231ms
12000	9164.900313	2267.23912	14s:473ms
13000	9928.581657	2.543904356	16s:154ms
14000	10694.5632	3.48E-14	18s:90ms

Table 8.3: Groteren aantallen cirkels: $r_i = i^{-1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
100	2.495438263	8.96E-23	0s:11ms
105	2.499360942	1.34E-22	0s:12ms
110	2.513162793	1.37E-22	0s:13ms
115	2.52271652	1.16E-22	0s:14ms
120	2.519333511	1.26E-22	0s:14ms
125	2.530049414	1.33E-22	0s:15ms
130	2.537275506	1.37E-22	0s:17ms
135	2.54221123	1.33E-22	0s:18ms
140	2.541681673	1.17E-22	0s:19ms
145	2.552094748	1.59E-22	0s:20ms
150	2.563247662	1.38E-22	0s:23ms
155	2.572146226	1.29E-22	0s:24ms
160	2.572254276	1.70E-22	0s:24ms
165	2.57703255	1.45E-22	0s:26ms
170	2.588958868	1.51E-22	0s:26ms

Table 8.3: Groteren aantallen cirkels: $r_i = i^{-1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
175	2.595022606	1.27E-22	0s:29ms
180	2.600002886	1.71E-22	0s:31ms
185	2.607380598	1.50E-22	0s:31ms
190	2.606106658	1.43E-22	0s:32ms
195	2.612761394	1.69E-22	0s:34ms
200	2.620783276	1.67E-22	0s:36ms
205	2.623160579	1.42E-22	0s:38ms
210	2.623472195	1.64E-22	0s:38ms
215	2.627010319	1.91E-22	0s:40ms
220	2.635423298	1.86E-22	0s:42ms
225	2.635423298	1.89E-22	0s:43ms
230	2.644770375	2.10E-22	0s:46ms
235	2.644540893	1.72E-22	0s:46ms
240	2.647448031	1.56E-22	0s:49ms
245	2.647729567	2.01E-22	0s:51ms
250	2.654873861	1.68E-22	0s:51ms
255	2.66348367	1.89E-22	0s:54ms
260	2.658665196	2.02E-22	0s:57ms
265	2.661083072	2.05E-22	0s:56ms
270	2.665709014	2.20E-22	0s:59ms
275	2.670428059	2.03E-22	0s:64ms
280	2.670428059	2.16E-22	0s:61ms
285	2.680703996	2.03E-22	0s:64ms
290	2.683250739	2.26E-22	0s:67ms
295	2.684480436	1.61E-22	0s:68ms
300	2.694853704	2.00E-22	0s:69ms
305	2.694849358	2.14E-22	0s:71ms
310	2.698284913	2.15E-22	0s:74ms
315	2.699941274	2.02E-22	0s:75ms
320	2.702409779	2.26E-22	0s:79ms
325	2.705102692	2.25E-22	0s:83ms
330	2.707687974	2.05E-22	0s:83ms
335	2.711906275	2.14E-22	0s:88ms
340	2.712450049	2.63E-22	0s:86ms
345	2.712450049	2.29E-22	0s:88ms
350	2.718414537	2.05E-22	0s:91ms
355	2.725090874	2.36E-22	0s:96ms
360	2.727070256	2.42E-22	0s:99ms
365	2.727790077	2.65E-22	0s:103ms
370	2.731128361	2.52E-22	0s:104ms
375	2.731128361	2.37E-22	0s:101ms
380	2.731128361	2.67E-22	0s:103ms
385	2.731537996	2.55E-22	0s:109ms

Table 8.3: Groteren aantallen cirkels: $r_i = i^{-1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
390	2.735088516	2.36E-22	0s:110ms
395	2.743295143	2.59E-22	0s:113ms
400	2.739934425	2.38E-22	0s:121ms
405	2.740346643	2.84E-22	0s:116ms
410	2.739781633	2.47E-22	0s:125ms
415	2.744826494	3.00E-22	0s:123ms
420	2.745209516	2.84E-22	0s:132ms
425	2.74700717	2.65E-22	0s:131ms
430	2.749781051	2.83E-22	0s:136ms
435	2.750451803	2.61E-22	0s:144ms
440	2.750451803	2.47E-22	0s:139ms
445	2.757353591	2.82E-22	0s:144ms
450	2.758454092	2.75E-22	0s:146ms
455	2.759668196	3.06E-22	0s:144ms
460	2.762896141	2.93E-22	0s:146ms
465	2.76361218	3.03E-22	0s:148ms
470	2.763807631	2.91E-22	0s:153ms
475	2.763807631	3.32E-22	0s:148ms
480	2.764126389	2.98E-22	0s:159ms
485	2.769778794	3.09E-22	0s:159ms
490	2.771791552	2.98E-22	0s:162ms
495	2.771475744	2.88E-22	0s:166ms
500	2.773795481	3.09E-22	0s:170ms
510	2.780056518	2.75E-22	0s:171ms
520	2.784918418	2.87E-22	0s:188ms
530	2.787316839	3.11E-22	0s:191ms
540	2.790332138	3.26E-22	0s:191ms
550	2.791629684	3.29E-22	0s:193ms
560	2.793863657	3.31E-22	0s:204ms
570	2.79838704	3.43E-22	0s:210ms
580	2.800091733	3.60E-22	0s:220ms
590	2.803974884	3.34E-22	0s:226ms
600	2.80872553	3.59E-22	0s:232ms
610	2.810061801	3.29E-22	0s:237ms
620	2.810494608	3.55E-22	0s:240ms
630	2.813751137	3.53E-22	0s:255ms
640	2.815785693	3.73E-22	0s:264ms
650	2.816215069	3.59E-22	0s:263ms
660	2.825148487	3.37E-22	0s:269ms
670	2.823740845	3.40E-22	0s:274ms
680	2.825647589	3.66E-22	0s:297ms
690	2.830288687	3.61E-22	0s:291ms
700	2.832771329	3.61E-22	0s:306ms

Table 8.3: Groteren aantallen cirkels: $r_i = i^{-1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
710	2.833721486	3.91E-22	0s:297ms
720	2.836329939	3.67E-22	0s:312ms
730	2.841196793	3.59E-22	0s:323ms
740	2.844090601	3.85E-22	0s:336ms
750	2.844914197	3.77E-22	0s:338ms
760	2.845550808	3.88E-22	0s:343ms
770	2.849944089	4.11E-22	0s:358ms
780	2.850609412	4.39E-22	0s:353ms
790	2.855262866	4.26E-22	0s:361ms
800	2.857435145	4.00E-22	0s:376ms
810	2.859941889	4.23E-22	0s:376ms
820	2.857320625	4.15E-22	0s:385ms
830	2.860984951	4.59E-22	0s:409ms
840	2.860112703	4.51E-22	0s:413ms
850	2.862694927	4.51E-22	0s:416ms
860	2.863132699	4.75E-22	0s:425ms
870	2.868960657	4.55E-22	0s:433ms
880	2.870114393	4.54E-22	0s:442ms
890	2.87305095	4.40E-22	0s:445ms
900	2.87337812	4.70E-22	0s:446ms
910	2.875277429	4.44E-22	0s:465ms
920	2.879536576	4.77E-22	0s:489ms
930	2.881369234	5.09E-22	0s:498ms
940	2.883557379	4.66E-22	0s:499ms
950	2.882972473	4.64E-22	0s:509ms
960	2.885756137	4.77E-22	0s:525ms
970	2.888602413	4.75E-22	0s:517ms
980	2.890515572	4.58E-22	0s:512ms
990	2.892215641	4.68E-22	0s:546ms
1000	2.893283783	4.51E-22	0s:538ms
1100	2.908350125	5.10E-22	0s:617ms
1200	2.923408029	5.19E-22	0s:716ms
1300	2.936039285	6.21E-22	0s:833ms
1400	2.943533134	6.57E-22	0s:946ms
1500	2.953979594	6.30E-22	1s:78ms
1600	2.966069401	6.77E-22	1s:154ms
1700	2.976648708	7.33E-22	1s:304ms
1800	2.985482798	7.81E-22	1s:429ms
1900	2.995659982	8.14E-22	1s:572ms
2000	3.000845426	8.10E-22	1s:698ms
3000	3.065430097	1.07E-21	3s:288ms
4000	3.111816155	1.39E-21	5s:248ms
5000	3.145865417	1.62E-21	7s:509ms

Table 8.3: Groteren aantallen cirkels: $r_i = i^{-1/2}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
6000	3.173380049	1.90E-21	10s:94ms
7000	3.19748614	2.11E-21	12s:814ms
8000	3.217527155	2.37E-21	15s:977ms
9000	3.234875939	2.63E-21	19s:132ms
10000	3.251215521	6.92E-06	22s:468ms
11000	3.265715891	3.19E-21	26s:522ms
12000	3.278766989	5.51E-17	30s:235ms
13000	3.291515829	3.49E-21	34s:392ms
14000	3.301772515	3.86E-21	39s:261ms

Table 8.4: Groteren aantallen cirkels: $r_i = i^{-2/3}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
100	1.82226814	8.61E-23	0s:9ms
105	1.821895831	9.37E-23	0s:9ms
110	1.824816141	9.69E-23	0s:10ms
115	1.824816141	9.51E-23	0s:11ms
120	1.825327825	1.12E-22	0s:12ms
125	1.825862205	1.24E-22	0s:12ms
130	1.825862205	1.44E-22	0s:13ms
135	1.825718441	1.23E-22	0s:15ms
140	1.825718441	1.30E-22	0s:15ms
145	1.826230527	1.48E-22	0s:16ms
150	1.827730545	1.49E-22	0s:18ms
155	1.827730545	1.20E-22	0s:19ms
160	1.828726376	1.73E-22	0s:20ms
165	1.828726376	1.47E-22	0s:20ms
170	1.828810415	1.40E-22	0s:22ms
175	1.828810415	1.66E-22	0s:23ms
180	1.828810415	1.94E-22	0s:24ms
185	1.828810415	1.73E-22	0s:25ms
190	1.829160316	1.62E-22	0s:26ms
195	1.83251444	2.20E-22	0s:27ms
200	1.833104817	2.02E-22	0s:29ms
205	1.833227862	2.20E-22	0s:31ms
210	1.833908559	1.99E-22	0s:32ms
215	1.834524999	1.85E-22	0s:33ms
220	1.834559936	1.47E-22	0s:35ms
225	1.834559936	1.50E-22	0s:35ms
230	1.834886491	2.07E-22	0s:37ms
235	1.835731964	1.64E-22	0s:38ms
240	1.83577629	1.92E-22	0s:40ms
245	1.83577629	1.64E-22	0s:40ms

Table 8.4: Groteren aantallen cirkels: $r_i = i^{-2/3}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
250	1.83577629	1.64E-22	0s:44ms
255	1.83577629	1.96E-22	0s:45ms
260	1.835992687	2.17E-22	0s:49ms
265	1.835992687	1.65E-22	0s:48ms
270	1.835992687	1.95E-22	0s:49ms
275	1.835992687	2.10E-22	0s:53ms
280	1.835992687	2.03E-22	0s:53ms
285	1.835992687	1.82E-22	0s:55ms
290	1.835992687	2.75E-22	0s:57ms
295	1.836167902	2.23E-22	0s:58ms
300	1.837930191	2.02E-22	0s:59ms
305	1.837930191	2.61E-22	0s:61ms
310	1.837930191	2.02E-22	0s:62ms
315	1.837930191	2.46E-22	0s:65ms
320	1.838420806	1.96E-22	0s:66ms
325	1.841155368	2.55E-22	0s:67ms
330	1.841856774	2.01E-22	0s:71ms
335	1.84301761	2.08E-22	0s:80ms
340	1.843659136	2.45E-22	0s:82ms
345	1.844386154	2.68E-22	0s:79ms
350	1.845135558	1.92E-22	0s:82ms
355	1.845135558	2.79E-22	0s:84ms
360	1.845522702	2.58E-22	0s:90ms
365	1.845522702	2.79E-22	0s:94ms
370	1.845522702	3.10E-22	0s:95ms
375	1.845522702	2.56E-22	0s:91ms
380	1.845522702	3.74E-22	0s:98ms
385	1.845522702	2.67E-22	0s:97ms
390	1.845522702	2.81E-22	0s:101ms
395	1.845522702	2.61E-22	0s:108ms
400	1.845522702	2.83E-22	0s:103ms
405	1.845522702	3.25E-22	0s:105ms
410	1.845477317	2.44E-22	0s:110ms
415	1.845477317	3.17E-22	0s:110ms
420	1.845477317	2.94E-22	0s:113ms
425	1.845571739	2.74E-22	0s:112ms
430	1.845776653	2.31E-22	0s:114ms
435	1.845776653	3.02E-22	0s:121ms
440	1.846677122	3.23E-22	0s:127ms
445	1.847106722	3.11E-22	0s:126ms
450	1.847130275	2.08E-22	0s:128ms
455	1.847130275	3.00E-22	0s:126ms
460	1.84714934	3.03E-22	0s:132ms

Table 8.4: Groteren aantallen cirkels: $r_i = i^{-2/3}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
465	1.84714934	3.28E-22	0s:134ms
470	1.847193658	3.11E-22	0s:136ms
475	1.847193658	2.91E-22	0s:139ms
480	1.84783147	3.14E-22	0s:142ms
485	1.847870184	2.78E-22	0s:148ms
490	1.84814756	3.30E-22	0s:149ms
495	1.848440849	2.37E-22	0s:154ms
500	1.848499189	3.57E-22	0s:157ms
510	1.848561378	2.66E-22	0s:160ms
520	1.848641387	3.04E-22	0s:166ms
530	1.848770181	2.98E-22	0s:172ms
540	1.849197826	2.92E-22	0s:179ms
550	1.849160637	3.81E-22	0s:186ms
560	1.849171014	3.52E-22	0s:184ms
570	1.849148925	3.50E-22	0s:195ms
580	1.849308336	2.63E-22	0s:194ms
590	1.849308336	3.04E-22	0s:203ms
600	1.849308336	2.84E-22	0s:207ms
610	1.849314849	3.07E-22	0s:221ms
620	1.849759282	3.29E-22	0s:228ms
630	1.84989429	3.82E-22	0s:235ms
640	1.850348869	3.80E-22	0s:241ms
650	1.850508963	3.95E-22	0s:253ms
660	1.850763003	3.69E-22	0s:261ms
670	1.850780558	3.48E-22	0s:265ms
680	1.851342239	4.19E-22	0s:265ms
690	1.851629743	3.47E-22	0s:275ms
700	1.852346505	3.52E-22	0s:282ms
710	1.853037889	6.38E-22	0s:302ms
720	1.853037889	3.94E-22	0s:292ms
730	1.853037889	3.46E-22	0s:307ms
740	1.853287584	3.71E-22	0s:302ms
750	1.853287584	4.10E-22	0s:306ms
760	1.853959815	3.64E-22	0s:328ms
770	1.85393919	5.10E-22	0s:341ms
780	1.854219836	5.59E-22	0s:342ms
790	1.854506548	3.79E-22	0s:368ms
800	1.854506548	4.01E-22	0s:361ms
810	1.854686269	4.65E-22	0s:375ms
820	1.854686269	3.48E-22	0s:396ms
830	1.854686269	4.86E-22	0s:402ms
840	1.854686269	5.88E-22	0s:396ms
850	1.854686269	4.15E-22	0s:398ms

Table 8.4: Groteren aantallen cirkels: $r_i = i^{-2/3}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
860	1.854611963	4.32E-22	0s:422ms
870	1.854611963	5.82E-22	0s:417ms
880	1.854737721	5.05E-22	0s:434ms
890	1.854737721	4.92E-22	0s:439ms
900	1.854812363	5.23E-22	0s:447ms
910	1.855069137	6.41E-22	0s:452ms
920	1.855163275	7.86E-22	0s:460ms
930	1.855371365	5.73E-22	0s:473ms
940	1.855455343	4.71E-22	0s:490ms
950	1.855552924	7.13E-22	0s:511ms
960	1.855568468	6.00E-22	0s:507ms
970	1.85587006	6.91E-22	0s:506ms
980	1.856098106	5.84E-22	0s:514ms
990	1.856466117	4.44E-22	0s:533ms
1000	1.856466117	5.37E-22	0s:539ms
1100	1.858198724	4.73E-22	0s:635ms
1200	1.859175544	4.16E-22	0s:748ms
1300	1.859678713	1.11E-21	0s:848ms
1400	1.860597082	8.41E-22	0s:942ms
1500	1.86111262	9.23E-22	1s:88ms
1600	1.861617779	7.82E-22	1s:229ms
1700	1.862434075	1.02E-21	1s:364ms
1800	1.862989167	9.70E-22	1s:544ms
1900	1.863786306	1.29E-21	1s:668ms
2000	1.864143827	8.76E-22	1s:833ms
3000	1.868063495	1.29E-21	3s:677ms
4000	1.870522828	2.51E-21	6s:232ms
5000	1.872601012	3.12E-21	9s:237ms
6000	1.873700703	3.46E-21	12s:617ms
7000	1.874811381	4.58E-21	16s:713ms
8000	1.875973551	4.03E-21	21s:538ms
9000	1.87660983	6.46E-21	25s:726ms
10000	1.87406634	0.03735698644	31s:536ms
11000	1.875967596	0.03611959323	37s:846ms
12000	1.876456183	0.03611959323	44s:796ms
13000	1.87685631	0.03611959323	50s:342ms
14000	1.877341355	0.03611959323	57s:698ms

Table 8.5: Groteren aantallen cirkels: $r_i = i^{-1/5}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
100	5.801088535	3.60E-22	0s:9ms
105	5.906421827	2.85E-22	0s:10ms
110	5.995914353	4.14E-22	0s:10ms
115	6.115605167	5.07E-22	0s:11ms
120	6.153533024	3.83E-22	0s:12ms
125	6.20117852	5.23E-22	0s:12ms
130	6.295479149	5.21E-22	0s:13ms
135	6.3639635	5.68E-22	0s:14ms
140	6.50517303	6.50E-22	0s:15ms
145	6.54229426	5.75E-22	0s:16ms
150	6.581952817	5.65E-22	0s:16ms
155	6.615714194	6.55E-22	0s:17ms
160	6.665800719	4.89E-22	0s:19ms
165	6.766744304	5.26E-22	0s:19ms
170	6.796806159	5.99E-22	0s:20ms
175	6.841129949	5.98E-22	0s:21ms
180	6.896334944	6.66E-22	0s:23ms
185	6.990576166	6.98E-22	0s:24ms
190	7.028103475	7.52E-22	0s:24ms
195	7.105618302	8.33E-22	0s:26ms
200	7.168918374	7.04E-22	0s:26ms
205	7.190654864	7.28E-22	0s:28ms
210	7.263381507	8.16E-22	0s:29ms
215	7.263381507	8.59E-22	0s:30ms
220	7.305696186	8.38E-22	0s:32ms
225	7.38909237	7.79E-22	0s:32ms
230	7.414570796	8.19E-22	0s:34ms
235	7.480082421	7.15E-22	0s:33ms
240	7.507607663	9.12E-22	0s:35ms
245	7.562472715	8.84E-22	0s:36ms
250	7.615966355	9.07E-22	0s:37ms
255	7.686969396	7.63E-22	0s:38ms
260	7.746501803	9.53E-22	0s:40ms
265	7.765768537	9.58E-22	0s:41ms
270	7.822279157	1.01E-21	0s:43ms
275	7.842711902	8.42E-22	0s:42ms
280	7.8748245	9.94E-22	0s:45ms
285	7.932125324	1.19E-21	0s:46ms
290	7.963766206	1.19E-21	0s:47ms
295	8.011172573	1.02E-21	0s:49ms
300	8.040770452	1.29E-21	0s:50ms
305	8.060170309	1.07E-21	0s:50ms
310	8.133910477	1.32E-21	0s:53ms

Table 8.5: Groteren aantallen cirkels: $r_i = i^{-1/5}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
315	8.173306878	1.19E-21	0s:53ms
320	8.190514352	1.25E-21	0s:57ms
325	8.212825317	1.38E-21	0s:58ms
330	8.263609282	1.38E-21	0s:58ms
335	8.303668783	1.47E-21	0s:58ms
340	8.33131987	1.53E-21	0s:59ms
345	8.350400396	1.35E-21	0s:64ms
350	8.415538469	1.60E-21	0s:65ms
355	8.443424365	1.49E-21	0s:65ms
360	8.462215954	1.49E-21	0s:67ms
365	8.505699549	1.83E-21	0s:73ms
370	8.56218426	1.72E-21	0s:69ms
375	8.574310864	1.87E-21	0s:72ms
380	8.60809995	1.60E-21	0s:73ms
385	8.625056573	1.62E-21	0s:74ms
390	8.651987359	1.85E-21	0s:76ms
395	8.691089464	1.83E-21	0s:74ms
400	8.713739965	1.69E-21	0s:79ms
405	8.752689623	2.01E-21	0s:80ms
410	8.805372306	1.73E-21	0s:81ms
415	8.827771682	1.90E-21	0s:81ms
420	8.864800998	1.68E-21	0s:82ms
425	8.873738342	1.65E-21	0s:83ms
430	8.898115478	1.75E-21	0s:84ms
435	8.919067311	1.84E-21	0s:86ms
440	8.978912979	2.03E-21	0s:88ms
445	8.99521031	1.71E-21	0s:91ms
450	9.04953476	1.91E-21	0s:92ms
455	9.052864071	1.81E-21	0s:98ms
460	9.075093632	1.83E-21	0s:94ms
465	9.121324023	1.90E-21	0s:99ms
470	9.152865494	2.35E-21	0s:102ms
475	9.208314796	1.93E-21	0s:102ms
480	9.198241792	2.17E-21	0s:101ms
485	9.22357645	2.16E-21	0s:106ms
490	9.277792398	2.35E-21	0s:106ms
495	9.294590795	2.19E-21	0s:109ms
500	9.292278896	2.37E-21	0s:112ms
510	9.411117923	2.21E-21	0s:114ms
520	9.443792058	2.72E-21	0s:115ms
530	9.474651541	2.56E-21	0s:121ms
540	9.547355892	2.82E-21	0s:128ms
550	9.586350107	2.43E-21	0s:132ms

Table 8.5: Groteren aantallen cirkels: $r_i = i^{-1/5}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
560	9.633910584	2.74E-21	0s:130ms
570	9.685840454	2.87E-21	0s:132ms
580	9.733871083	3.06E-21	0s:138ms
590	9.778544952	2.98E-21	0s:140ms
600	9.847173106	3.20E-21	0s:147ms
610	9.878296844	3.01E-21	0s:159ms
620	9.916233514	3.03E-21	0s:157ms
630	9.970855128	3.31E-21	0s:157ms
640	10.00559702	3.53E-21	0s:166ms
650	10.07997184	4.14E-21	0s:165ms
660	10.117567	3.99E-21	0s:167ms
670	10.1259842	3.55E-21	0s:173ms
680	10.18576348	3.71E-21	0s:174ms
690	10.24375185	3.78E-21	0s:191ms
700	10.28472277	4.25E-21	0s:186ms
710	10.29737462	3.90E-21	0s:186ms
720	10.33344889	3.97E-21	0s:198ms
730	10.39523883	3.95E-21	0s:200ms
740	10.43531356	3.93E-21	0s:207ms
750	10.50418998	4.12E-21	0s:208ms
760	10.51223441	4.34E-21	0s:213ms
770	10.58898943	3.85E-21	0s:216ms
780	10.6021762	4.03E-21	0s:222ms
790	10.64563262	4.27E-21	0s:227ms
800	10.67954637	4.24E-21	0s:229ms
810	10.72405797	4.50E-21	0s:233ms
820	10.78450966	3.67E-21	0s:240ms
830	10.81872265	4.53E-21	0s:239ms
840	10.8527743	4.28E-21	0s:246ms
850	10.88046804	4.78E-21	0s:249ms
860	10.93264029	4.95E-21	0s:251ms
870	10.99832394	4.79E-21	0s:266ms
880	11.01790045	4.57E-21	0s:265ms
890	11.07948399	4.85E-21	0s:270ms
900	11.07767553	4.94E-21	0s:274ms
910	11.10792589	4.87E-21	0s:281ms
920	11.15702462	5.05E-21	0s:287ms
930	11.17349044	5.66E-21	0s:289ms
940	11.20745865	5.85E-21	0s:293ms
950	11.26795297	5.61E-21	0s:304ms
960	11.28745277	5.52E-21	0s:310ms
970	11.32121278	6.50E-21	0s:309ms
980	11.3610042	6.50E-21	0s:307ms

Table 8.5: Groteren aantallen cirkels: $r_i = i^{-1/5}$

circlecount	Radius	Overlap (eenheden ²)	Tijd
990	11.40645877	5.64E-21	0s:316ms
1000	11.42927809	5.26E-21	0s:324ms
1100	11.73702799	7.34E-21	0s:383ms
1200	12.04875608	7.00E-21	0s:438ms
1300	12.34201715	8.30E-21	0s:496ms
1400	12.59566073	8.52E-21	0s:561ms
1500	12.86483556	9.24E-21	0s:614ms
1600	13.10781613	1.04E-20	0s:701ms
1700	13.37232588	1.09E-20	0s:759ms
1800	13.56759994	1.23E-20	0s:809ms
1900	13.79318079	1.31E-20	0s:862ms
2000	14.00920357	1.33E-20	0s:926ms
3000	15.7834951	2.15E-20	1s:788ms
4000	17.19442986	3.29E-20	2s:758ms
5000	18.38386809	4.42E-20	3s:887ms
6000	19.39991246	5.92E-20	5s:150ms
7000	20.29329017	7.32E-20	6s:536ms
8000	21.11324047	8.98E-20	7s:953ms
9000	21.8771281	1.09E-19	9s:610ms
10000	22.55910849	1.22E-19	11s:336ms
11000	23.23957158	1.37E-19	13s:33ms
12000	23.8376261	1.55E-19	14s:991ms
13000	24.40974434	1.73E-19	16s:856ms
14000	24.95175949	1.90E-19	18s:923ms