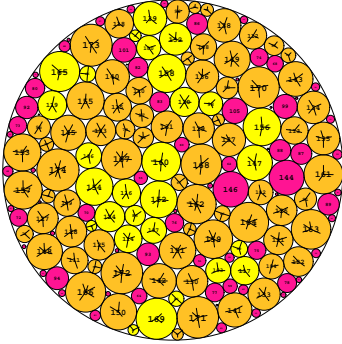


N = 174

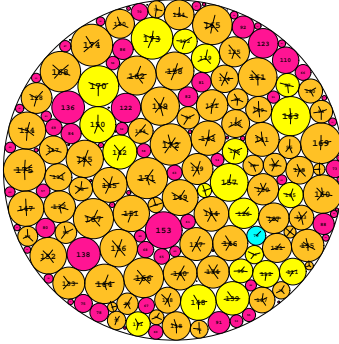
174 circles in a circle



radius = 0.123969922667 density = 0.899074411807
 ratio = 1403.566254266003 contacts = 200

N = 175

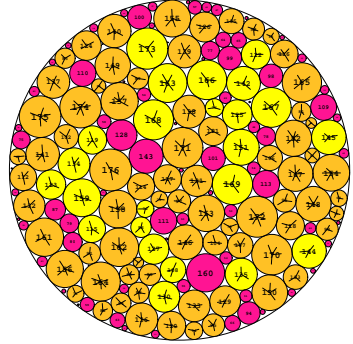
175 circles in a circle



radius = 0.123588466516 density = 0.898641296216
 ratio = 1415.969735398063 contacts = 189

N = 176

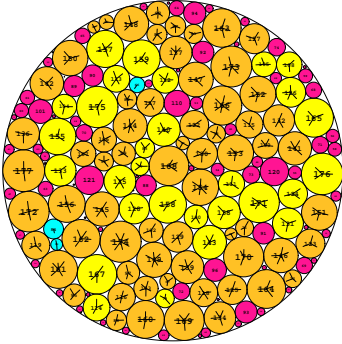
176 circles in a circle



radius = 0.123206367491 density = 0.898153073407
 ratio = 1428.497997849560 contacts = 194

N = 177

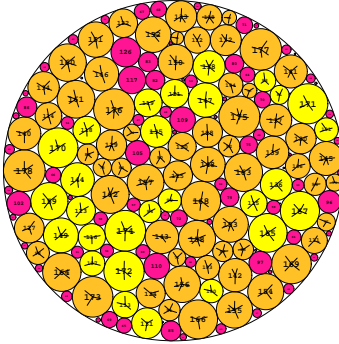
177 circles in a circle



radius = 0.122863416111 density = 0.8981645748
 ratio = 1440.624114174098 contacts = 193

N = 178

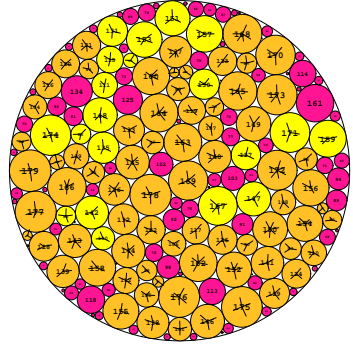
178 circles in a circle



radius = 0.122526630041 density = 0.898261769361
 ratio = 1452.757272610111 contacts = 188

N = 179

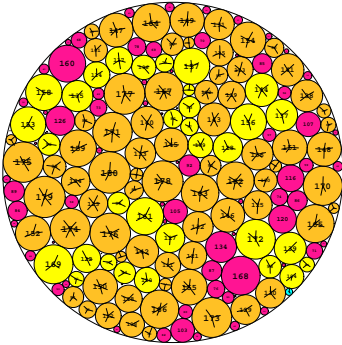
179 circles in a circle



radius = 0.122199906679 density = 0.89841738338
 ratio = 1464.812902596700 contacts = 186

N = 180

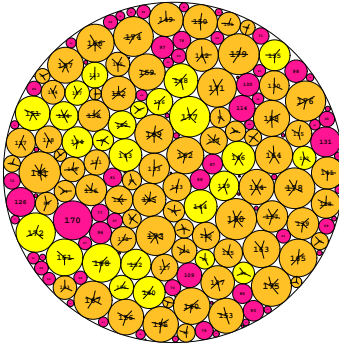
180 circles in a circle



radius = 0.121904492604 density = 0.898086431596
 ratio = 1476.565761890871 contacts = 209

N = 181

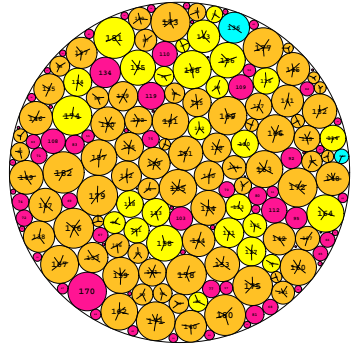
181 circles in a circle



radius = 0.12155667930 density = 0.898888369943
 ratio = 1489.017452370619 contacts = 196

N = 182

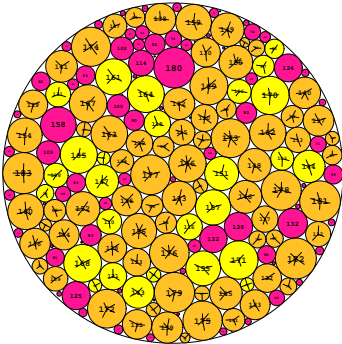
182 circles in a circle



radius = 0.121245439762 density = 0.899191394515
 ratio = 1501.087984046952 contacts = 211

N = 183

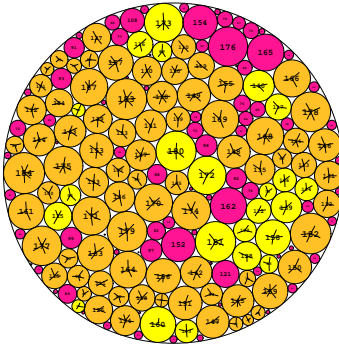
183 circles in a circle



radius = 0.120870519782 density = 0.898508782689
 ratio = 1514.016820086933 contacts = 204

N = 184

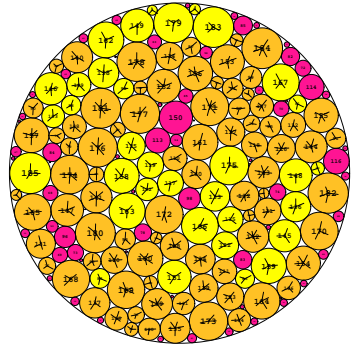
184 circles in a circle



radius = 0.120585744279 density = 0.899126831014
 ratio = 1525.881179052233 contacts = 202

N = 185

185 circles in a circle



radius = 0.120334876375 density = 0.899216372508
 ratio = 1537.376408062617 contacts = 214