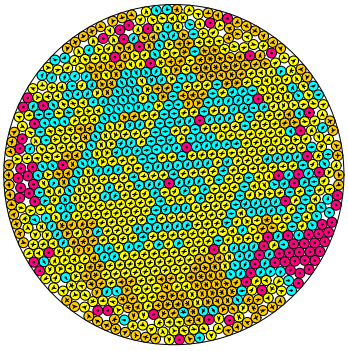
N = 1009

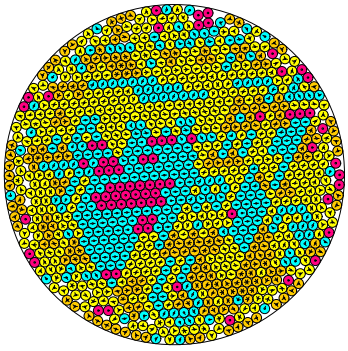
1009 circles in a circle



radius = 0.029344816218 density = 0.868868303019
ratio = 34.077569018339 contacts = 1518

N = 1010

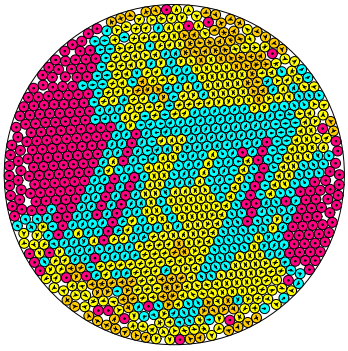
1010 circles in a circle



radius = 0.029322861173 density = 0.868428489239
ratio = 34.103084078438 contacts = 1489

N = 1011

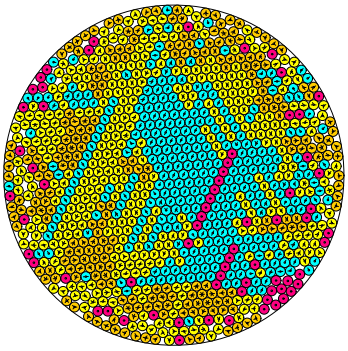
1011 circles in a circle



radius = 0.029313674301 density = 0.868743707561
ratio = 34.113771945399 contacts = 1136

N = 1012

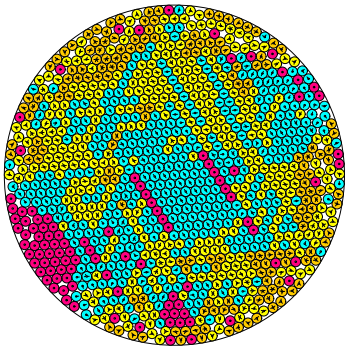
1012 circles in a circle



radius = 0.029309575126 density = 0.869359808369
ratio = 34.118543026176 contacts = 1507

N = 1013

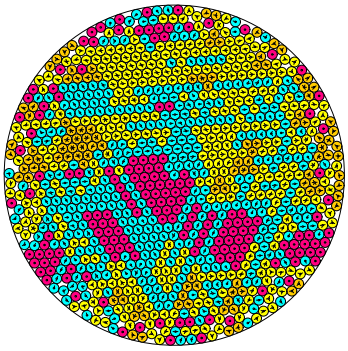
1013 circles in a circle



radius = 0.029294143929 density = 0.869302777317
ratio = 34.136515568272 contacts = 1350

N = 1014

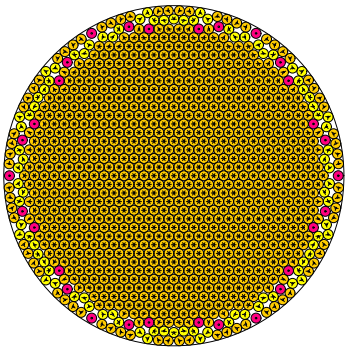
1014 circles in a circle



radius = 0.029287737726 density = 0.869780383218
ratio = 34.143982350884 contacts = 1232

N = 1015

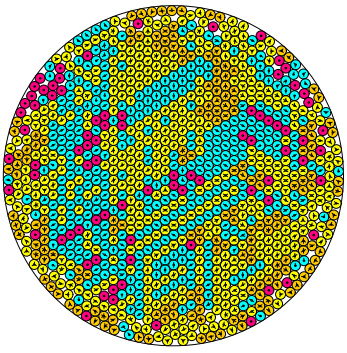
1015 circles in a circle



radius = 0.029291275440 density = 0.870848499136
ratio = 34.139858541149 contacts = 2688

N = 1016

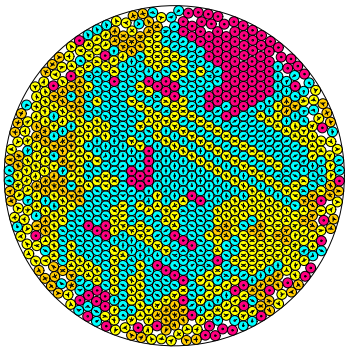
1016 circles in a circle



radius = 0.029235166128 density = 0.868370057534
ratio = 34.205381136871 contacts = 1451

N = 1017

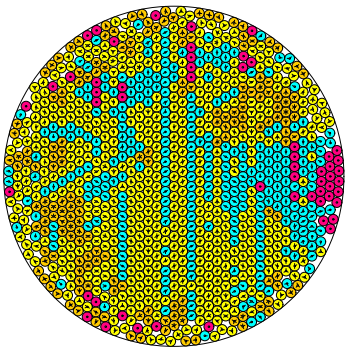
1017 circles in a circle



radius = 0.029230452171 density = 0.868944462782
ratio = 34.210897394292 contacts = 1261

N = 1018

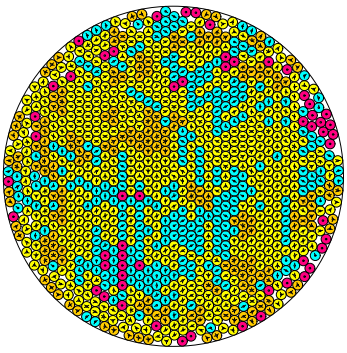
1018 circles in a circle



radius = 0.029211219993 density = 0.868654690208
ratio = 34.233421275664 contacts = 1576

N = 1019

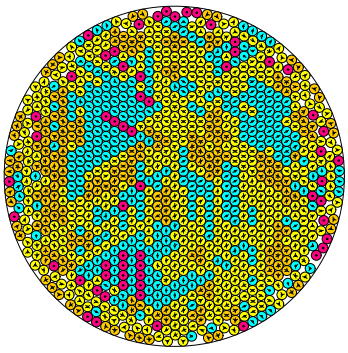
1019 circles in a circle



radius = 0.029204280755 density = 0.869094924673
ratio = 34.241555489733 contacts = 1584

N = 1020

1020 circles in a circle



radius = 0.029199264154 density = 0.869648967683
ratio = 34.247438384855 contacts = 1555