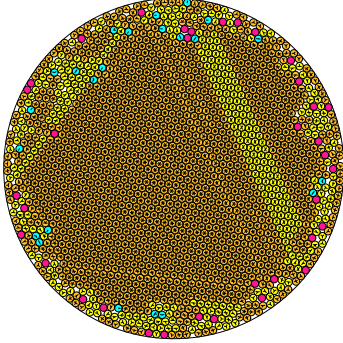


N = 1849

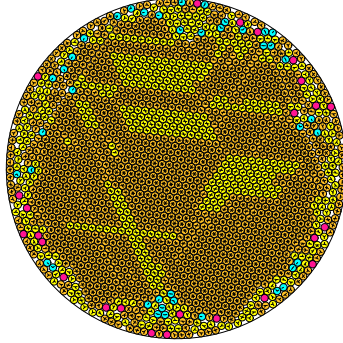
1849 circles in a circle



radius = 0.021772018332 density = 0.876464426393
 ratio = 45.930514330022 contacts = 4555

N = 1850

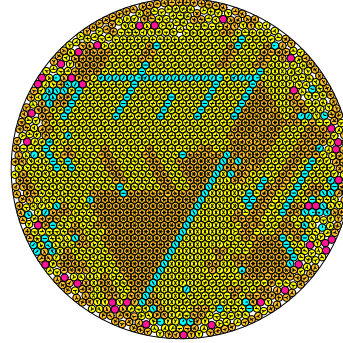
1850 circles in a circle



radius = 0.021762238397 density = 0.876150787058
 ratio = 45.951155472825 contacts = 4324

N = 1851

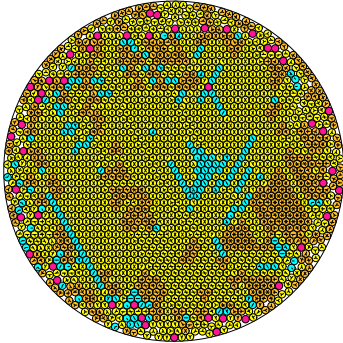
1851 circles in a circle



radius = 0.021756212660 density = 0.876138993027
 ratio = 45.943882391503 contacts = 3618

N = 1852

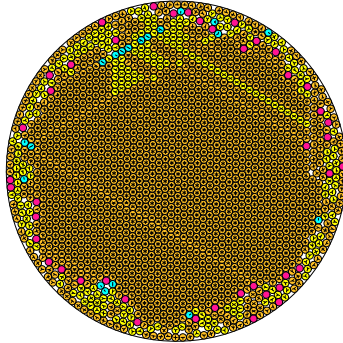
1852 circles in a circle



radius = 0.021748274282 density = 0.875992728241
 ratio = 45.980659753633 contacts = 3442

N = 1853

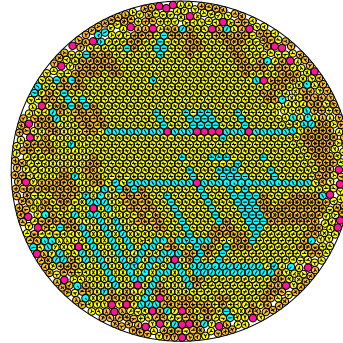
1853 circles in a circle



radius = 0.021738294756 density = 0.875641559312
 ratio = 46.001769364958 contacts = 4650

N = 1854

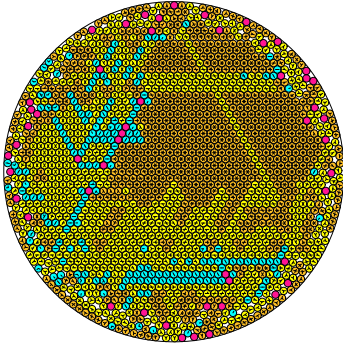
1854 circles in a circle



radius = 0.021734426238 density = 0.875802316326
 ratio = 46.009956293245 contacts = 3309

N = 1855

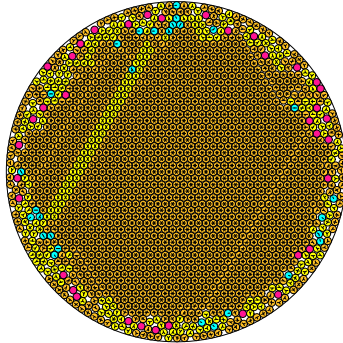
1855 circles in a circle



radius = 0.021722090116 density = 0.875280264138
 ratio = 46.036088600972 contacts = 3701

N = 1856

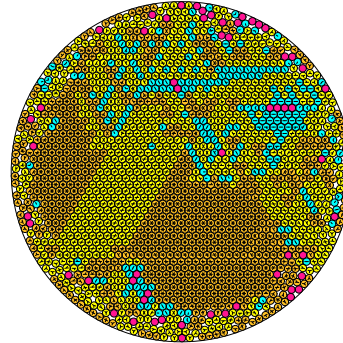
1856 circles in a circle



radius = 0.021718488264 density = 0.875641227976
 ratio = 46.043733067219 contacts = 4705

N = 1857

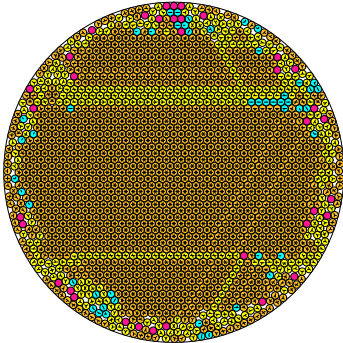
1857 circles in a circle



radius = 0.021716254246 density = 0.875753212042
 ratio = 46.048457007788 contacts = 3657

N = 1858

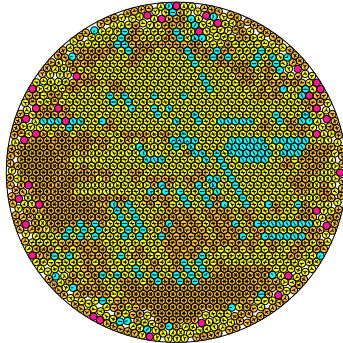
1858 circles in a circle



radius = 0.021710612692 density = 0.875766967070
 ratio = 46.060422806343 contacts = 4540

N = 1859

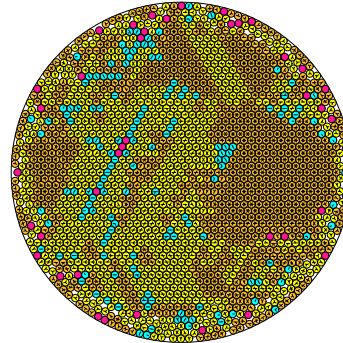
1859 circles in a circle



radius = 0.021704715413 density = 0.875764993682
 ratio = 46.072937653130 contacts = 3530

N = 1860

1860 circles in a circle



radius = 0.021704067790 density = 0.876183799027
 ratio = 46.074312414288 contacts = 3772