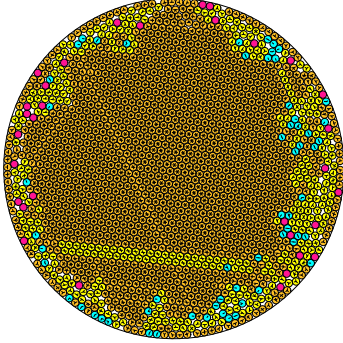


N = 1837

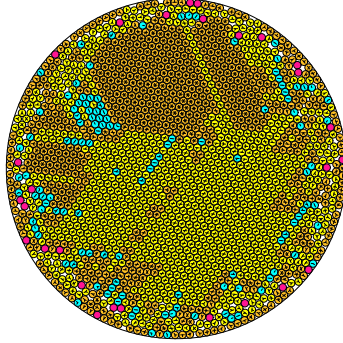
1837 circles in a circle



radius = 0.021857435151 density = 0.877622104952  
 ratio = 45.751022161410 contacts = 4482

N = 1838

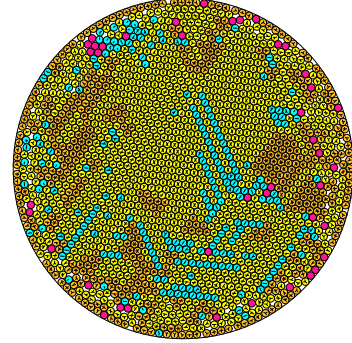
1838 circles in a circle



radius = 0.021850077112 density = 0.877508746687  
 ratio = 45.766428872426 contacts = 3739

N = 1839

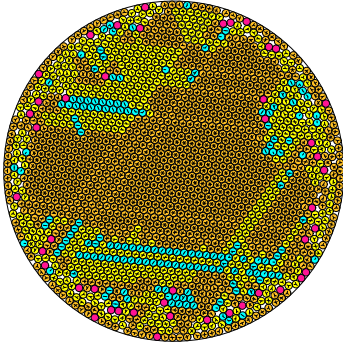
1839 circles in a circle



radius = 0.021844673742 density = 0.877551988691  
 ratio = 45.777749386490 contacts = 3370

N = 1840

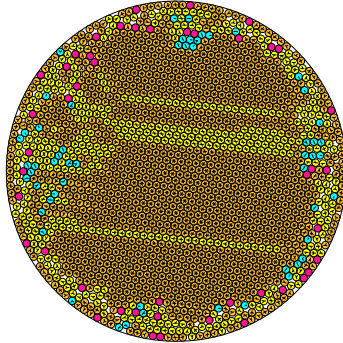
1840 circles in a circle



radius = 0.021840090606 density = 0.87760786161  
 ratio = 45.78735832059 contacts = 3896

N = 1841

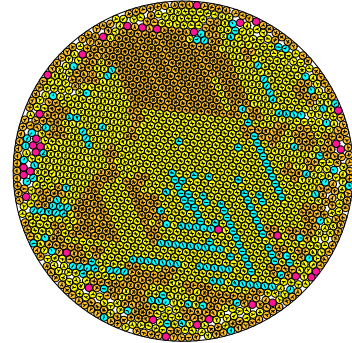
1841 circles in a circle



radius = 0.021837085200 density = 0.877896111937  
 ratio = 45.793657479842 contacts = 4315

N = 1842

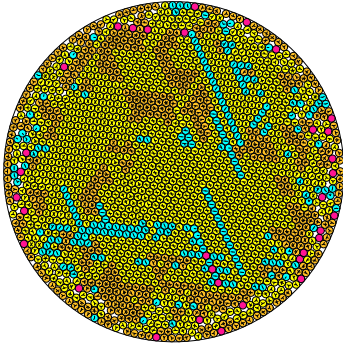
1842 circles in a circle



radius = 0.021831374969 density = 0.877913654622  
 ratio = 45.805633304168 contacts = 3528

N = 1843

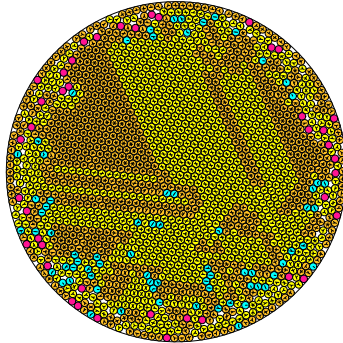
1843 circles in a circle



radius = 0.021828466237 density = 0.878156373132  
 ratio = 45.81173689289 contacts = 3413

N = 1844

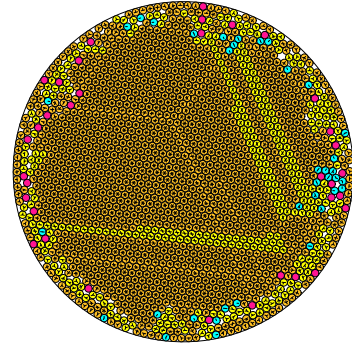
1844 circles in a circle



radius = 0.021820129268 density = 0.877961668143  
 ratio = 45.829242700480 contacts = 3723

N = 1845

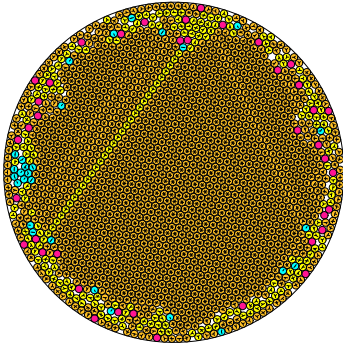
1845 circles in a circle



radius = 0.021801675720 density = 0.876952603420  
 ratio = 45.868033854815 contacts = 4479

N = 1846

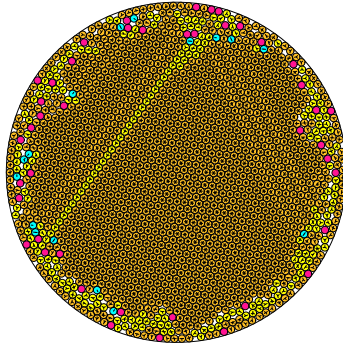
1846 circles in a circle



radius = 0.021797112143 density = 0.877060624485  
 ratio = 45.877637066923 contacts = 4666

N = 1847

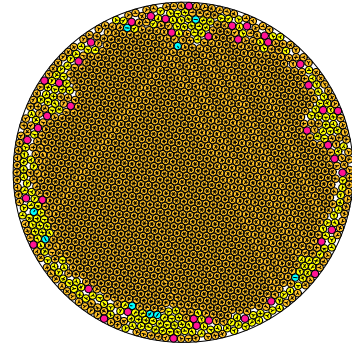
1847 circles in a circle



radius = 0.021795222699 density = 0.877383609922  
 ratio = 45.881614233193 contacts = 4634

N = 1848

1848 circles in a circle



radius = 0.021782270099 density = 0.876815553147  
 ratio = 45.908897257120 contacts = 4680