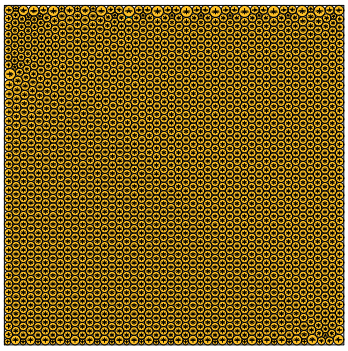
N = 1849

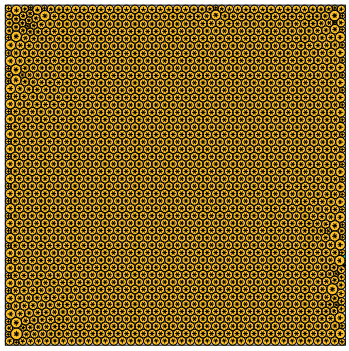
1849 circles in a square



sumradii = 22.988464671821 density = 0.901139306720
sumperim = 144.440783460803 contacts = 5547

N = 1850

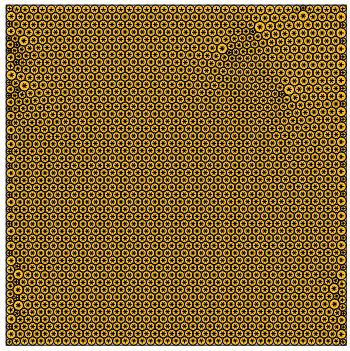
1850 circles in a square



sumradii = 22.988496960574 density = 0.901689691665
sumperim = 144.440986387087 contacts = 5550

N = 1851

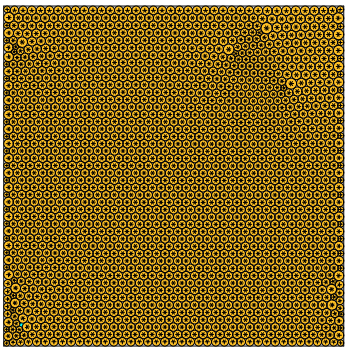
1851 circles in a square



sumradii = 22.994903276021 density = 0.901498364380
sumperim = 144.481238403911 contacts = 5553

N = 1852

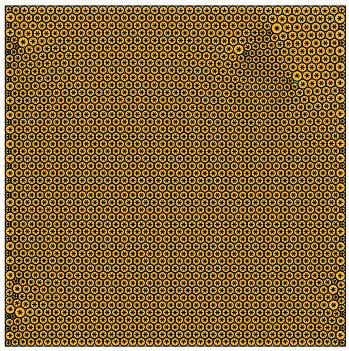
1852 circles in a square



sumradii = 23.001963393300 density = 0.901418553064
sumperim = 144.525598429067 contacts = 5556

N = 1853

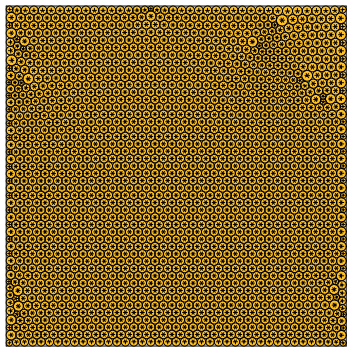
1853 circles in a square



sumradii = 23.007992399919 density = 0.901456397855
sumperim = 144.563479794874 contacts = 5559

N = 1854

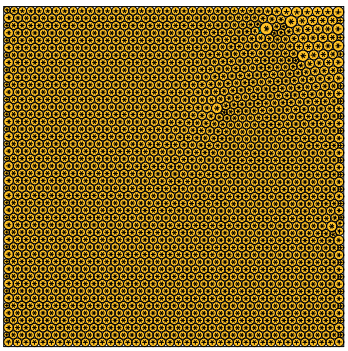
1854 circles in a square



sumradii = 23.014156470135 density = 0.901505895885
sumperim = 144.602209790283 contacts = 5562

N = 1855

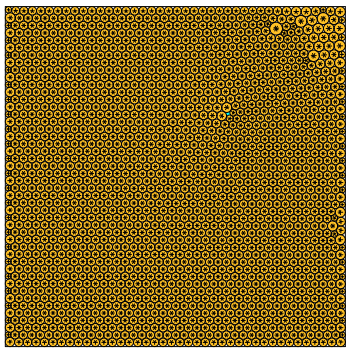
1855 circles in a square



sumradii = 23.021439247714 density = 0.901463724365
sumperim = 144.647968831365 contacts = 5565

N = 1856

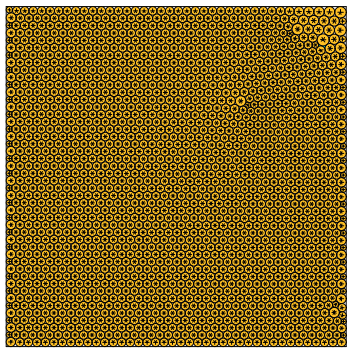
1856 circles in a square



sumradii = 23.028013439285 density = 0.901455977015
sumperim = 144.689275695249 contacts = 5568

N = 1857

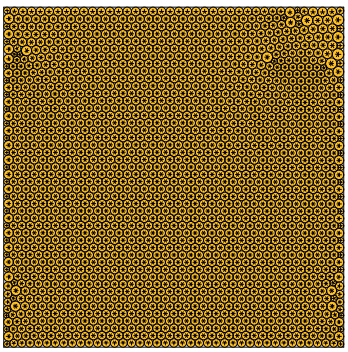
1857 circles in a square



sumradii = 23.037293354180 density = 0.901481665020
sumperim = 144.747583120171 contacts = 5571

N = 1858

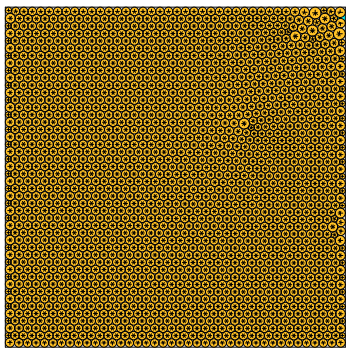
1858 circles in a square



sumradii = 23.042104512100 density = 0.901509926507
sumperim = 144.777812516924 contacts = 5574

N = 1859

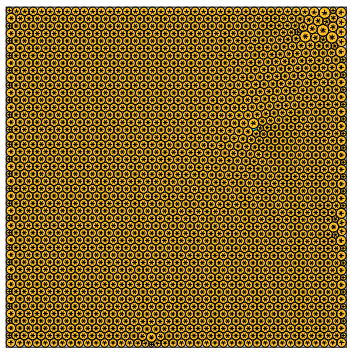
1859 circles in a square



sumradii = 23.052409054128 density = 0.901456295344
sumperim = 144.842557863994 contacts = 5577

N = 1860

1860 circles in a square



sumradii = 23.058278814307 density = 0.901476382151
sumperim = 144.879438654906 contacts = 5580