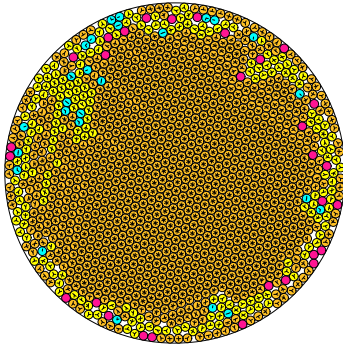


N = 1309

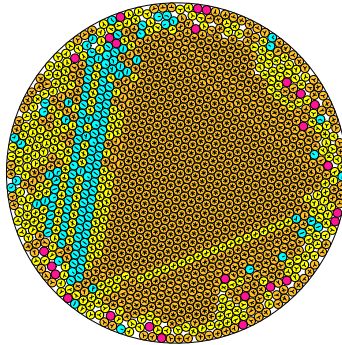
1309 circles in a circle



radius = 0.025814674055 density = 0.872314192083
ratio = 38.737657422366 contacts = 3224

N = 1310

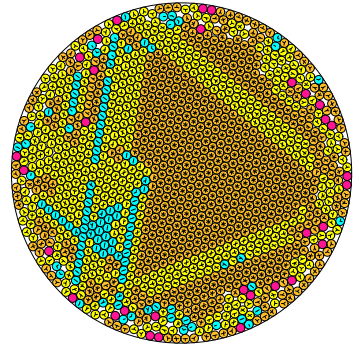
1310 circles in a circle



radius = 0.025799262332 density = 0.871938537283
ratio = 38.760798163335 contacts = 2890

N = 1311

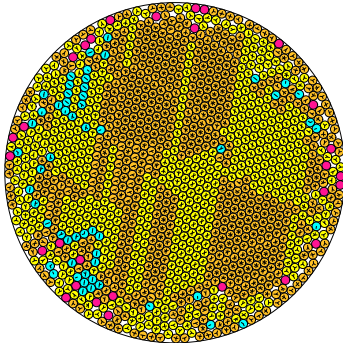
1311 circles in a circle



radius = 0.025795597651 density = 0.872356257062
ratio = 38.766304759839 contacts = 2770

N = 1312

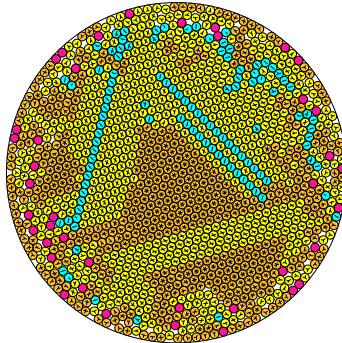
1312 circles in a circle



radius = 0.025787237055 density = 0.872455855223
ratio = 38.77887328254 contacts = 2712

N = 1313

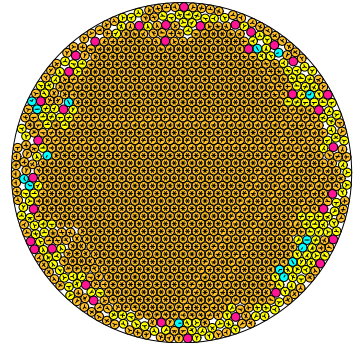
1313 circles in a circle



radius = 0.025771204755 density = 0.872084911416
ratio = 38.801998634853 contacts = 2573

N = 1314

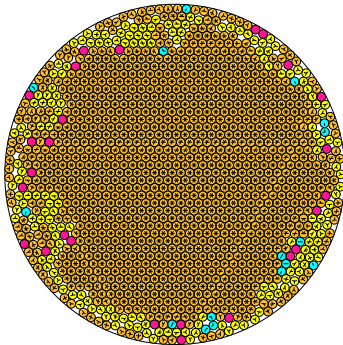
1314 circles in a circle



radius = 0.025753880949 density = 0.871533540610
ratio = 38.828948502683 contacts = 3254

N = 1315

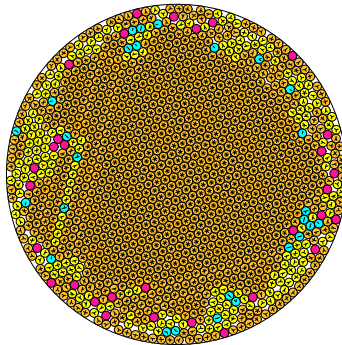
1315 circles in a circle



radius = 0.025748146657 density = 0.871801679006
ratio = 38.837746782909 contacts = 3231

N = 1316

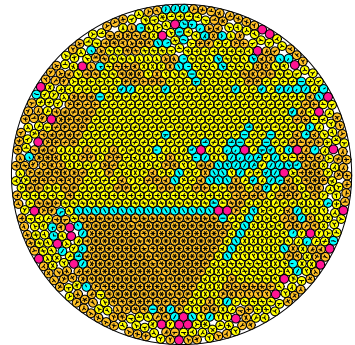
1316 circles in a circle



radius = 0.025733866483 density = 0.871497159572
ratio = 38.859298529976 contacts = 3217

N = 1317

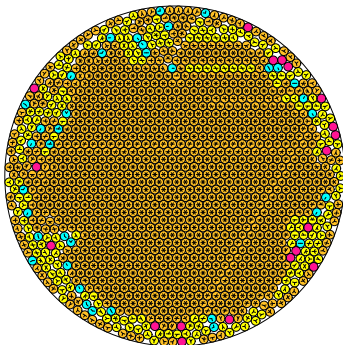
1317 circles in a circle



radius = 0.025728294435 density = 0.871781742195
ratio = 38.867714395866 contacts = 2510

N = 1318

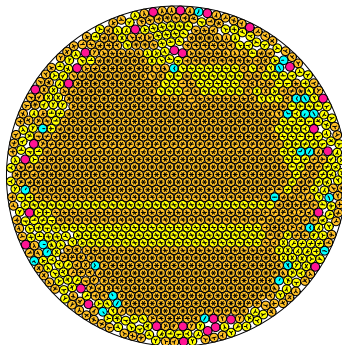
1318 circles in a circle



radius = 0.025720093180 density = 0.871887568616
ratio = 38.880107954677 contacts = 3277

N = 1319

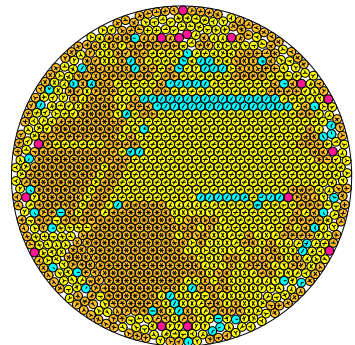
1319 circles in a circle



radius = 0.025713779900 density = 0.872120790852
ratio = 38.889638829445 contacts = 3036

N = 1320

1320 circles in a circle



radius = 0.025703978044 density = 0.872116723245
ratio = 38.904483900236 contacts = 2628