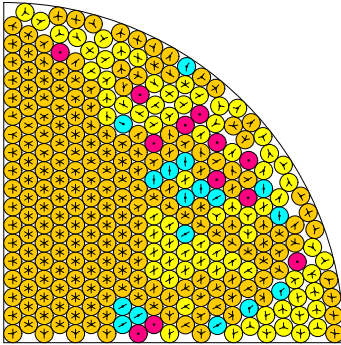


N = 301

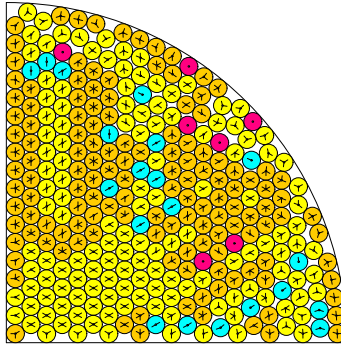
301 circles in a circular quadrant



radius = 0.026611063497 density = 0.852611035343
 ratio = 37.578355337271 contacts = 646

N = 302

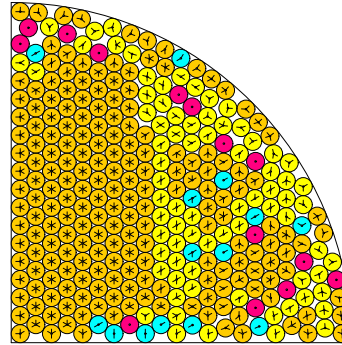
302 circles in a circular quadrant



radius = 0.02658451415 density = 0.852706193620
 ratio = 37.638625765760 contacts = 584

N = 303

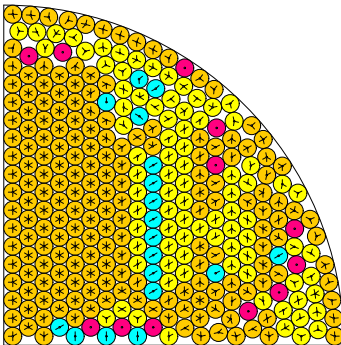
303 circles in a circular quadrant



radius = 0.026537197120 density = 0.853518071150
 ratio = 37.682954815500 contacts = 664

N = 304

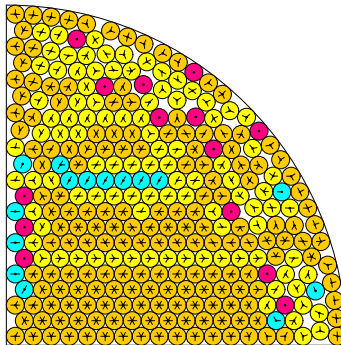
304 circles in a circular quadrant



radius = 0.026473845499 density = 0.852251226530
 ratio = 37.773129711735 contacts = 654

N = 305

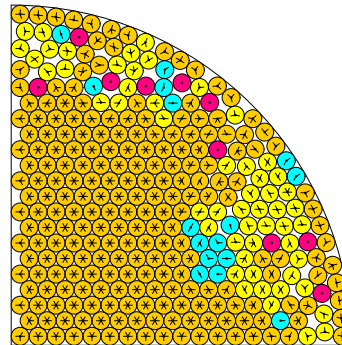
305 circles in a circular quadrant



radius = 0.026428368861 density = 0.852119590403
 ratio = 37.838127859304 contacts = 622

N = 306

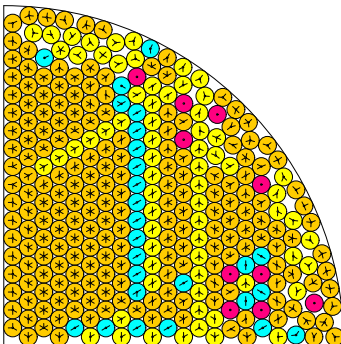
306 circles in a circular quadrant



radius = 0.026382780604 density = 0.851966561585
 ratio = 37.903510437506 contacts = 709

N = 307

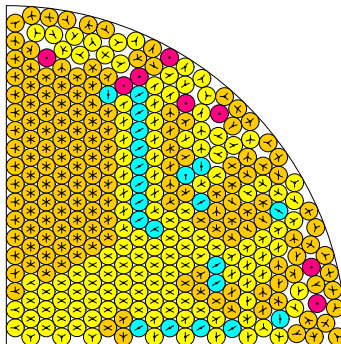
307 circles in a circular quadrant



radius = 0.026345779501 density = 0.852354519766
 ratio = 37.956743699663 contacts = 653

N = 308

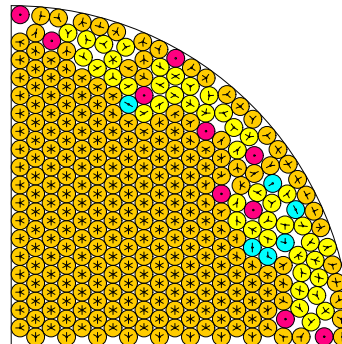
308 circles in a circular quadrant



radius = 0.026295433560 density = 0.851846185774
 ratio = 38.029416593718 contacts = 641

N = 309

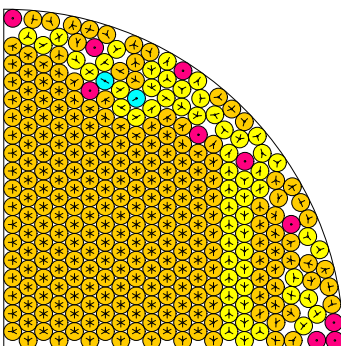
309 circles in a circular quadrant



radius = 0.026270792596 density = 0.853391185179
 ratio = 38.065086781601 contacts = 765

N = 310

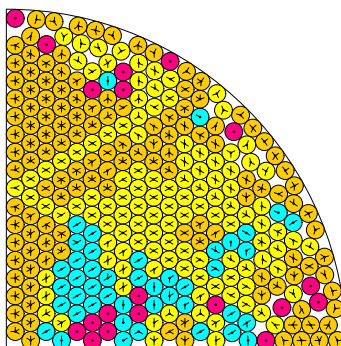
310 circles in a circular quadrant



radius = 0.026220263802 density = 0.852502769993
 ratio = 38.138441609049 contacts = 765

N = 311

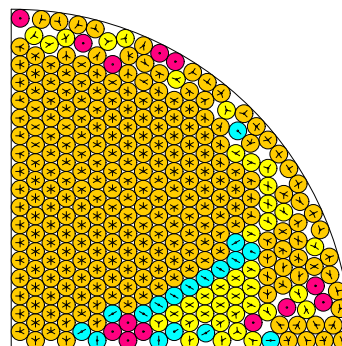
311 circles in a circular quadrant



radius = 0.026183260064 density = 0.852840505816
 ratio = 38.192341120357 contacts = 566

N = 312

312 circles in a circular quadrant



radius = 0.026149704385 density = 0.853391185179
 ratio = 38.241350085243 contacts = 707