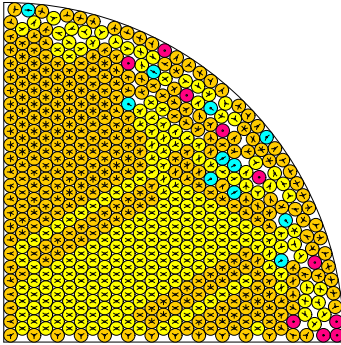


N = 541

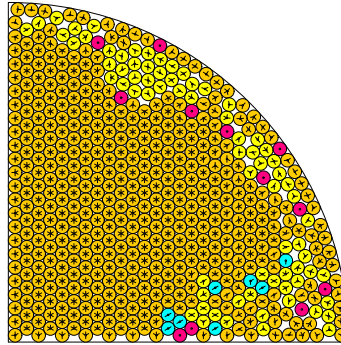
541 circles in a circular quadrant



radius = 0.019990059511 density = 0.864739765073
 ratio = 50.024863581198 contacts = 1147

N = 542

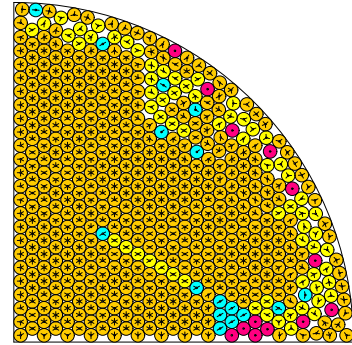
542 circles in a circular quadrant



radius = 0.019971860633 density = 0.864761470728
 ratio = 50.070447536107 contacts = 1362

N = 543

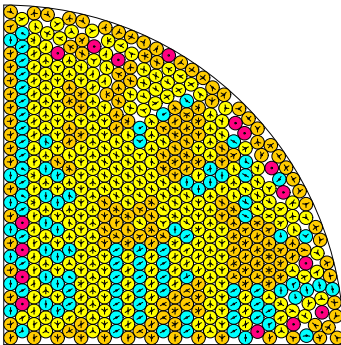
543 circles in a circular quadrant



radius = 0.019947123728 density = 0.864212182197
 ratio = 50.132541093556 contacts = 1279

N = 544

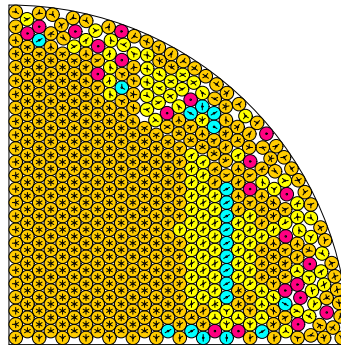
544 circles in a circular quadrant



radius = 0.019920563724 density = 0.864193291004
 ratio = 50.179230868384 contacts = 950

N = 545

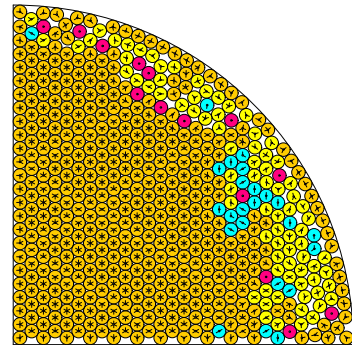
545 circles in a circular quadrant



radius = 0.019918618975 density = 0.864917995134
 ratio = 50.204281617174 contacts = 1274

N = 546

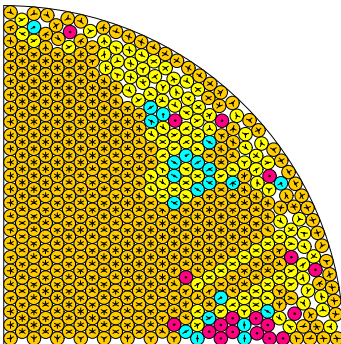
546 circles in a circular quadrant



radius = 0.019897827803 density = 0.864697035973
 ratio = 50.256742081170 contacts = 1292

N = 547

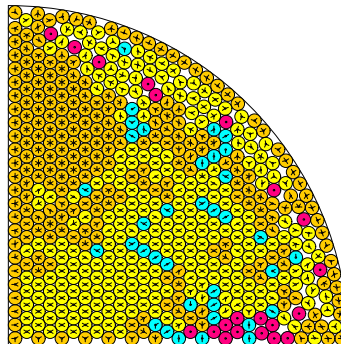
547 circles in a circular quadrant



radius = 0.019870679589 density = 0.863918469269
 ratio = 50.3254007912602 contacts = 1230

N = 548

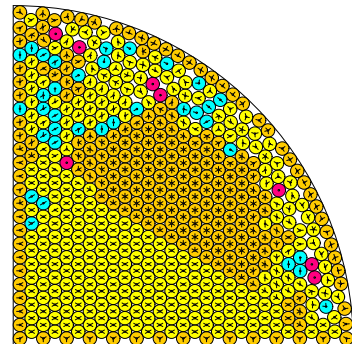
548 circles in a circular quadrant



radius = 0.019851848220 density = 0.863858144011
 ratio = 50.3731313544508 contacts = 1089

N = 549

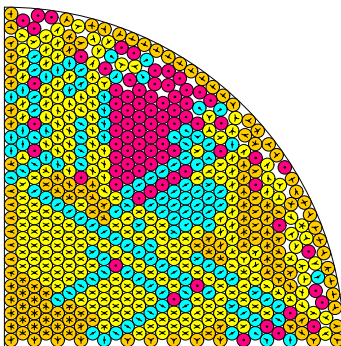
549 circles in a circular quadrant



radius = 0.019825008793 density = 0.8630962018093
 ratio = 50.441339545236 contacts = 1126

N = 550

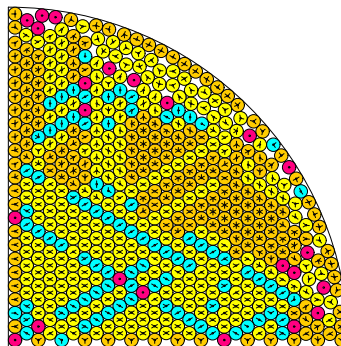
550 circles in a circular quadrant



radius = 0.019807672338 density = 0.863156543603
 ratio = 50.4854807791198 contacts = 807

N = 551

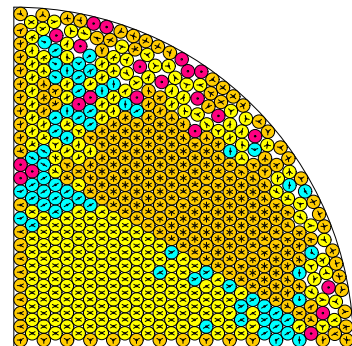
551 circles in a circular quadrant



radius = 0.019792640442 density = 0.863410773191
 ratio = 50.523922868893 contacts = 998

N = 552

552 circles in a circular quadrant



radius = 0.01977659442 density = 0.863672035103
 ratio = 50.562100279764 contacts = 1095