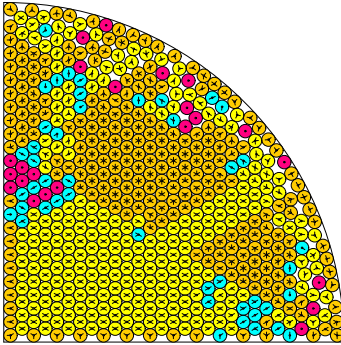


N = 553

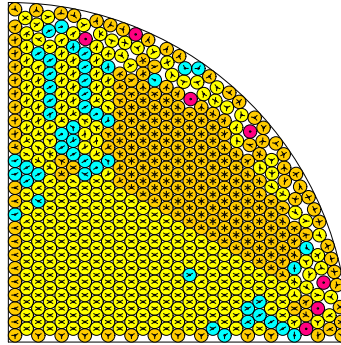
553 circles in a circular quadrant



radius = 0.019759734676 density = 0.863669017202  
ratio = 50.607966979077 contacts = 1095

N = 554

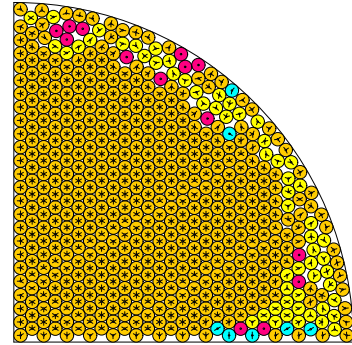
554 circles in a circular quadrant



radius = 0.019755175753 density = 0.864831603343  
ratio = 50.619645834653 contacts = 1137

N = 555

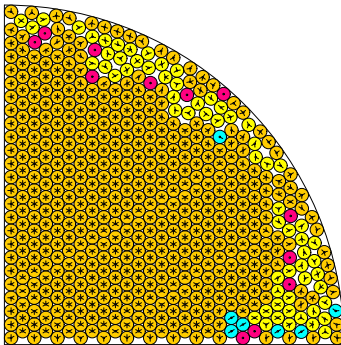
555 circles in a circular quadrant



radius = 0.019727282456 density = 0.863947794268  
ratio = 50.691219241019 contacts = 1411

N = 556

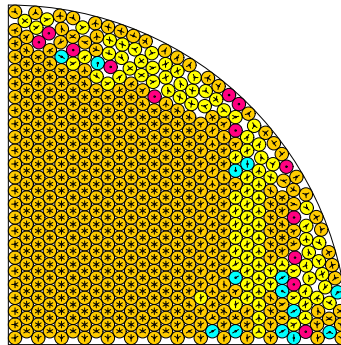
556 circles in a circular quadrant



radius = 0.019714517483 density = 0.864384731913  
ratio = 50.724041348948 contacts = 1409

N = 557

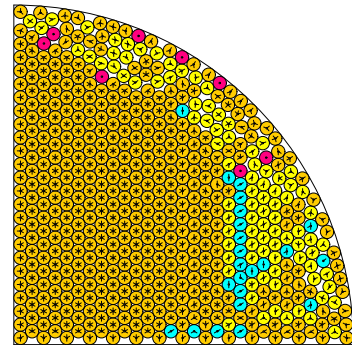
557 circles in a circular quadrant



radius = 0.019700600745 density = 0.864717256110  
ratio = 50.759873454583 contacts = 1374

N = 558

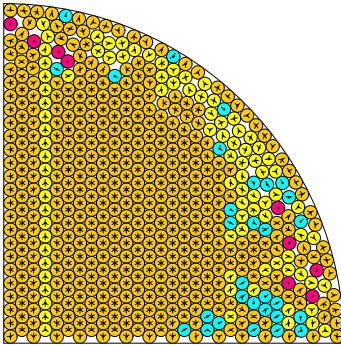
558 circles in a circular quadrant



radius = 0.019674481207 density = 0.863974190454  
ratio = 50.872616438957 contacts = 1367

N = 559

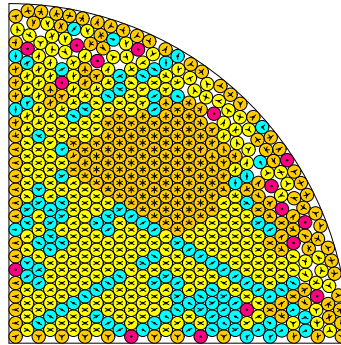
559 circles in a circular quadrant



radius = 0.019660821260 density = 0.864321087892  
ratio = 50.86257208952 contacts = 1341

N = 560

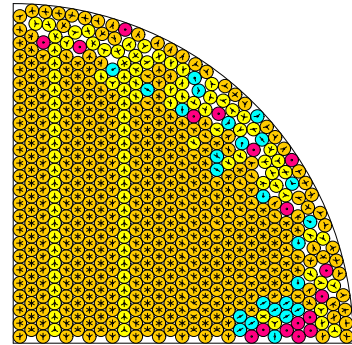
560 circles in a circular quadrant



radius = 0.019658605329 density = 0.865672110226  
ratio = 50.868308470945 contacts = 1026

N = 561

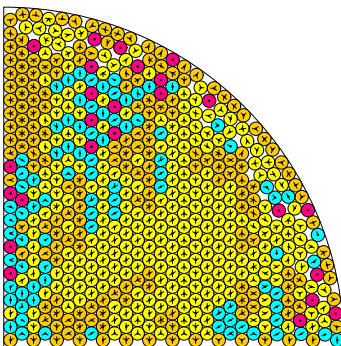
561 circles in a circular quadrant



radius = 0.019643294792 density = 0.865867663966  
ratio = 50.907956663364 contacts = 1293

N = 562

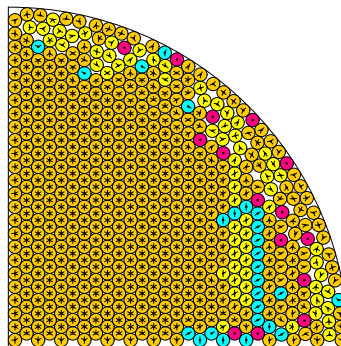
562 circles in a circular quadrant



radius = 0.019636102747 density = 0.864776041890  
ratio = 50.926602038471 contacts = 986

N = 563

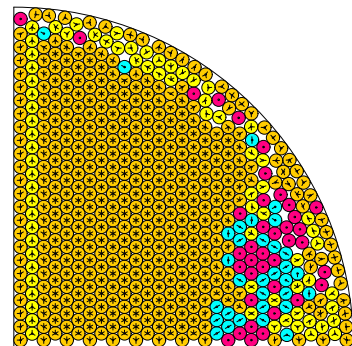
563 circles in a circular quadrant



radius = 0.019620047237 density = 0.866898963089  
ratio = 50.968276880674 contacts = 1386

N = 564

564 circles in a circular quadrant



radius = 0.019604197009 density = 0.867036163063  
ratio = 51.009485343592 contacts = 1315