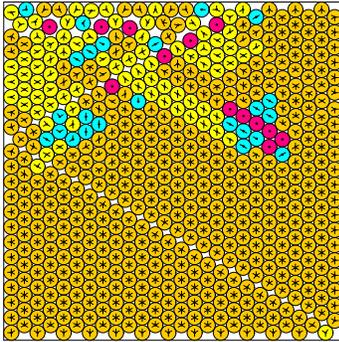


N = 553

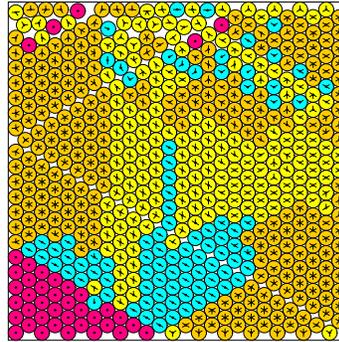
553 circles in a square



radius = 0.02234001644 density = 0.86578862436
 ratio = 44.774779546924 contacts = 1361

N = 554

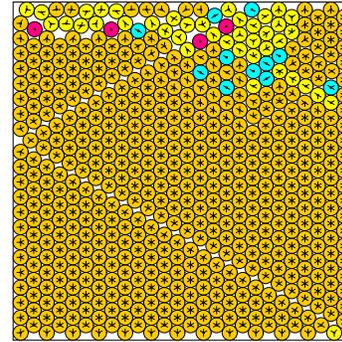
554 circles in a square



radius = 0.022304070378 density = 0.865820553042
 ratio = 44.834865702737 contacts = 1037

N = 555

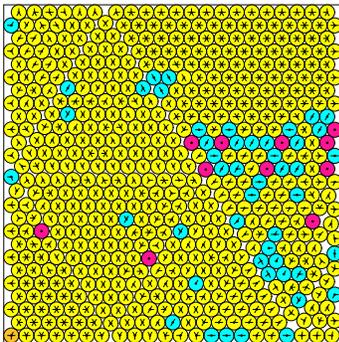
555 circles in a square



radius = 0.022286962858 density = 0.866053327058
 ratio = 44.869281039097 contacts = 1473

N = 556

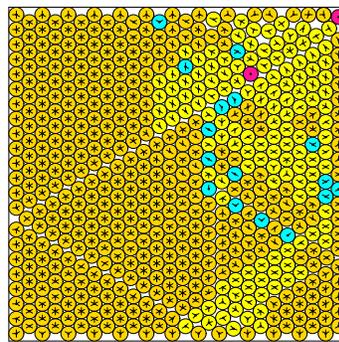
556 circles in a square



radius = 0.022264074863 density = 0.865988239406
 ratio = 44.9113713296396 contacts = 1145

N = 557

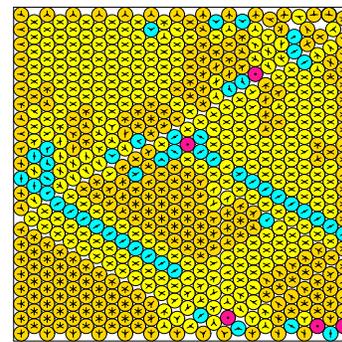
557 circles in a square



radius = 0.022263280739 density = 0.867328052036
 ratio = 44.937009859432 contacts = 1333

N = 558

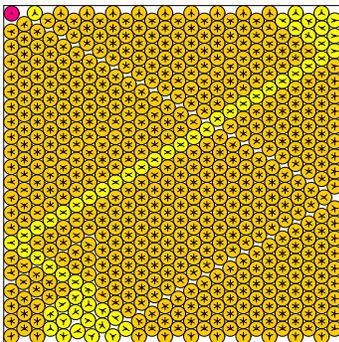
558 circles in a square



radius = 0.022259606503 density = 0.868598424284
 ratio = 44.924423972242 contacts = 1125

N = 559

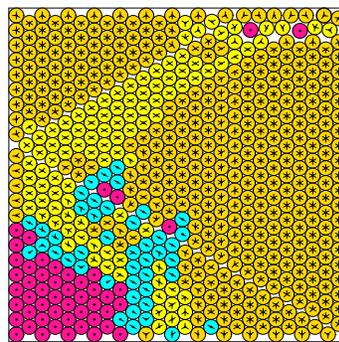
559 circles in a square



radius = 0.022257231310 density = 0.86969363854
 ratio = 44.929218106959 contacts = 1485

N = 560

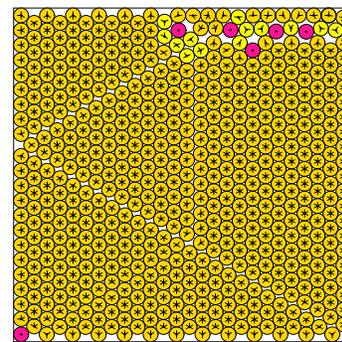
560 circles in a square



radius = 0.02233704196 density = 0.86984132663
 ratio = 44.937671009647 contacts = 1231

N = 561

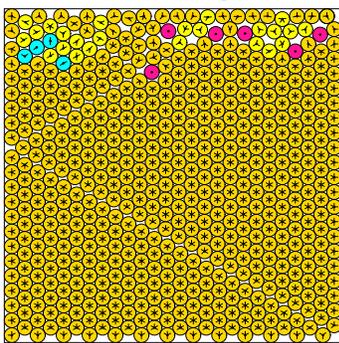
561 circles in a square



radius = 0.022208890804 density = 0.869999841216
 ratio = 45.0270123926610 contacts = 1343

N = 562

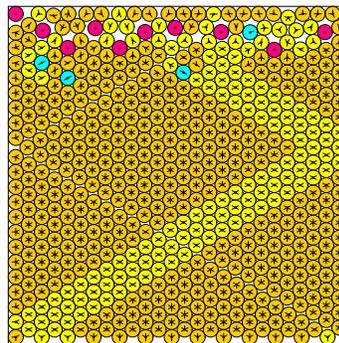
562 circles in a square



radius = 0.022187538886 density = 0.869169446481
 ratio = 45.070343544356 contacts = 1531

N = 563

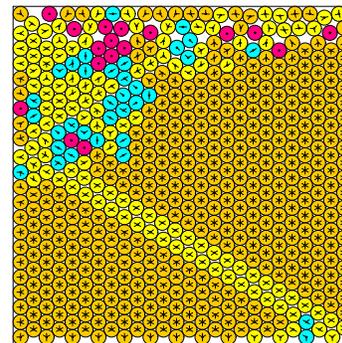
563 circles in a square



radius = 0.022169923634 density = 0.869333992900
 ratio = 45.106154669841 contacts = 1383

N = 564

564 circles in a square



radius = 0.022158741869 density = 0.869999841216
 ratio = 45.128915979447 contacts = 1345