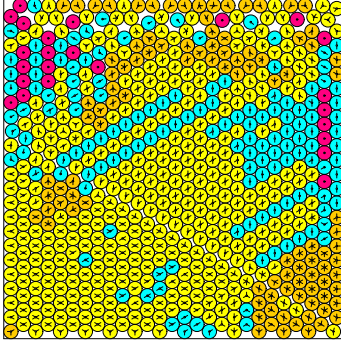


N = 625

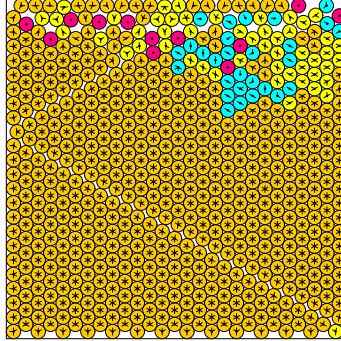
625 circles in a square



radius = 0.021051161836 density = 0.870125767955  
 ratio = 47.503316338184 contacts = 1047

N = 626

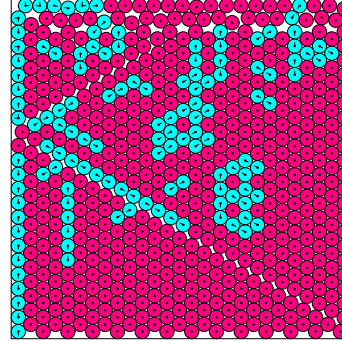
626 circles in a square



radius = 0.021030430930 density = 0.869802295586  
 ratio = 47.550143091900 contacts = 1621

N = 627

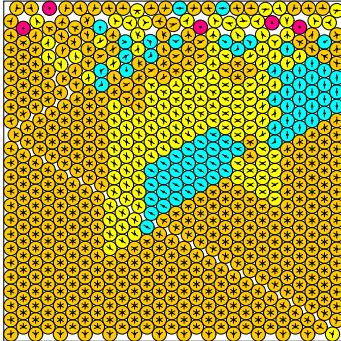
627 circles in a square



radius = 0.021017576521 density = 0.870127086335  
 ratio = 47.579224892121 contacts = 71

N = 628

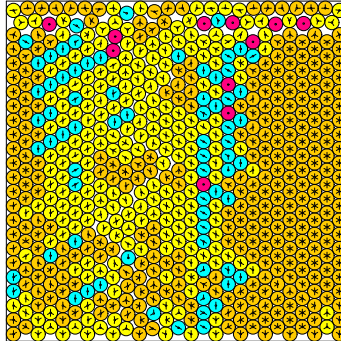
628 circles in a square



radius = 0.020994105259 density = 0.869569416951  
 ratio = 47.632481831356 contacts = 1438

N = 629

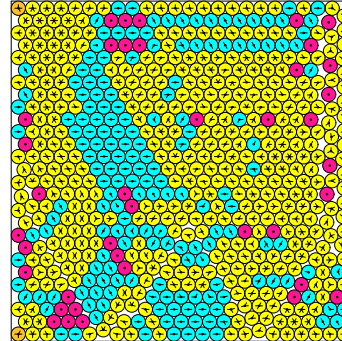
629 circles in a square



radius = 0.020957687446 density = 0.867935069145  
 ratio = 47.7215188163987 contacts = 1362

N = 630

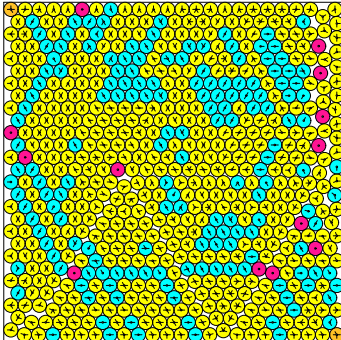
630 circles in a square



radius = 0.020969550580 density = 0.870295590263  
 ratio = 47.688297637858 contacts = 1004

N = 631

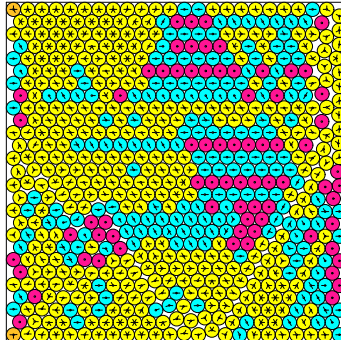
631 circles in a square



radius = 0.020959318050 density = 0.870830292494  
 ratio = 47.711478993477 contacts = 1047

N = 632

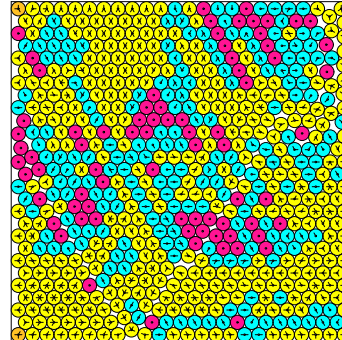
632 circles in a square



radius = 0.020912613611 density = 0.872449352552  
 ratio = 47.765751406597 contacts = 961

N = 633

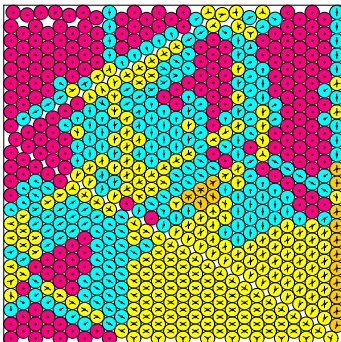
633 circles in a square



radius = 0.020934774308 density = 0.871027345995  
 ratio = 47.767412501055 contacts = 894

N = 634

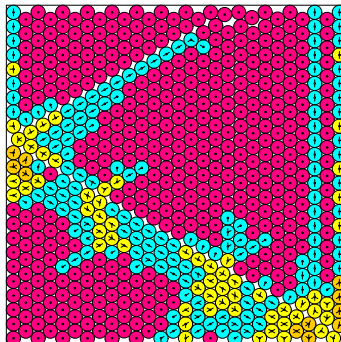
634 circles in a square



radius = 0.020913484884 density = 0.871147958848  
 ratio = 47.816039721099 contacts = 620

N = 635

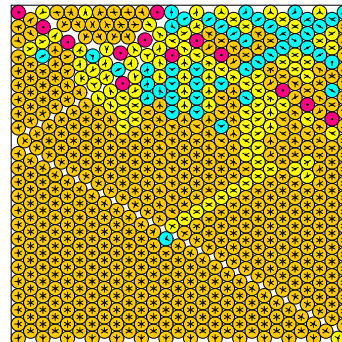
635 circles in a square



radius = 0.020912613611 density = 0.872449352552  
 ratio = 47.818030715477 contacts = 270

N = 636

636 circles in a square



radius = 0.020879130118 density = 0.871027345995  
 ratio = 47.894715649463 contacts = 1512