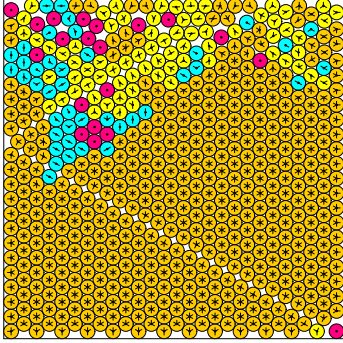


N = 589

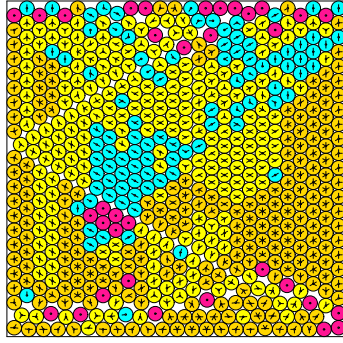
589 circles in a square



radius = 0.021631334369 density = 0.865828323308
 ratio = 46.229233155983 contacts = 1437

N = 590

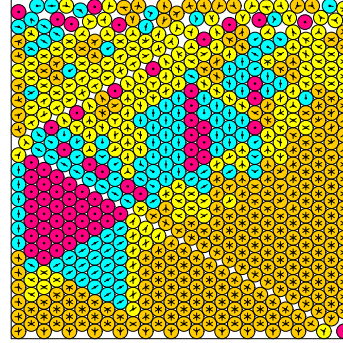
590 circles in a square



radius = 0.021608341570 density = 0.865455529211
 ratio = 46.278424317788 contacts = 1054

N = 591

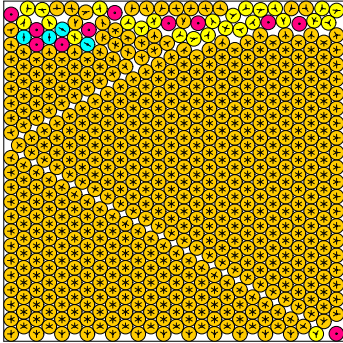
591 circles in a square



radius = 0.021592965285 density = 0.865689054855
 ratio = 46.311379044951 contacts = 1033

N = 592

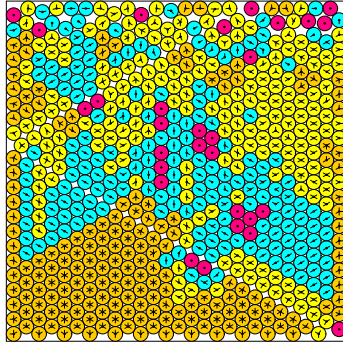
592 circles in a square



radius = 0.021577543719 density = 0.865915631949
 ratio = 46.344477952269 contacts = 1614

N = 593

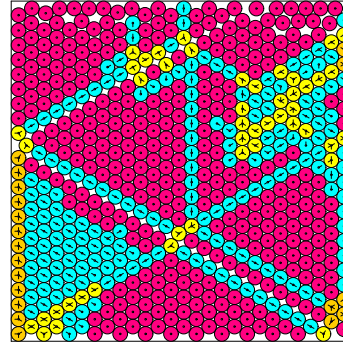
593 circles in a square



radius = 0.021564293520 density = 0.866474107729
 ratio = 46.368653852854 contacts = 1017

N = 594

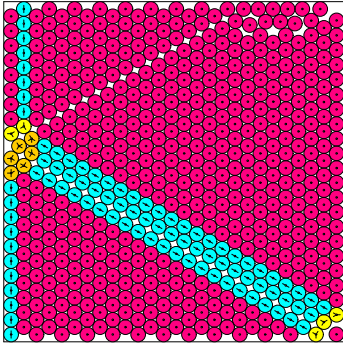
594 circles in a square



radius = 0.021563560733 density = 0.867715330150
 ratio = 46.374530272921 contacts = 296

N = 595

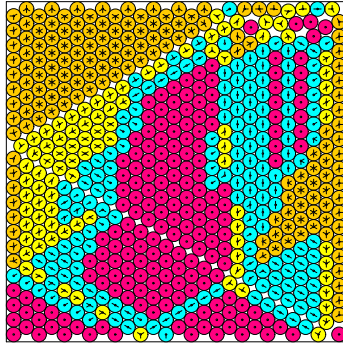
595 circles in a square



radius = 0.021563409252 density = 0.869163948745
 ratio = 46.374856049428 contacts = 109

N = 596

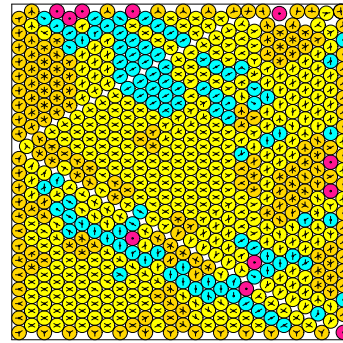
596 circles in a square



radius = 0.021491273764 density = 0.869338878790
 ratio = 46.403801862630 contacts = 717

N = 597

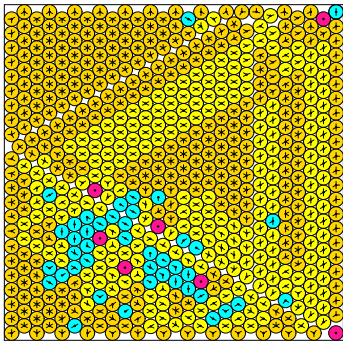
597 circles in a square



radius = 0.021508782311 density = 0.867672537804
 ratio = 46.492636614098 contacts = 1079

N = 598

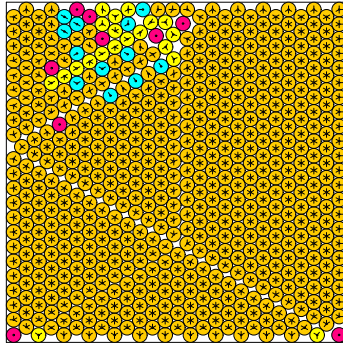
598 circles in a square



radius = 0.021498225137 density = 0.868272947412
 ratio = 46.515667840159 contacts = 1260

N = 599

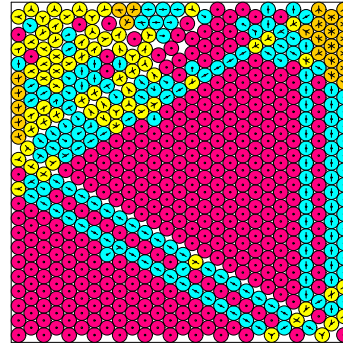
599 circles in a square



radius = 0.021491273764 density = 0.869338878790
 ratio = 46.530513312793 contacts = 1599

N = 600

600 circles in a square



radius = 0.021479376754 density = 0.869649946316
 ratio = 46.556286663025 contacts = 336