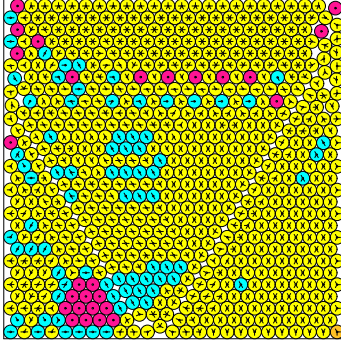


N = 685

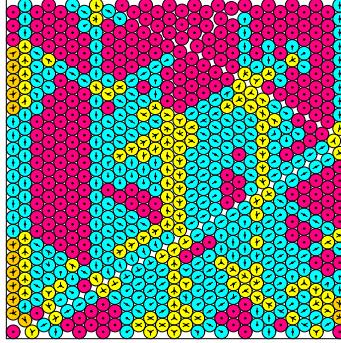
685 circles in a square



radius = 0.020122730773 density = 0.871393422764
ratio = 49.695044439641 contacts = 1317

N = 686

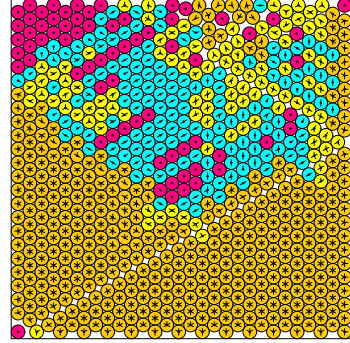
686 circles in a square



radius = 0.020112435108 density = 0.871772771073
ratio = 49.720483602757 contacts = 516

N = 687

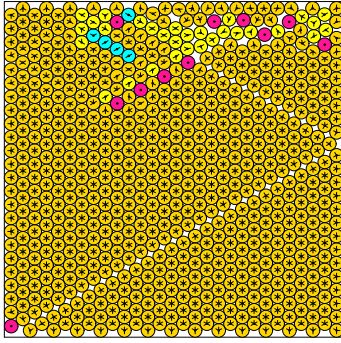
687 circles in a square



radius = 0.020101831147 density = 0.872123222897
ratio = 49.746711764446 contacts = 1325

N = 688

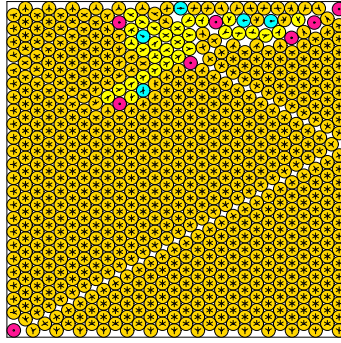
688 circles in a square



radius = 0.020070322193 density = 0.87065806733
ratio = 49.824810503003 contacts = 1846

N = 689

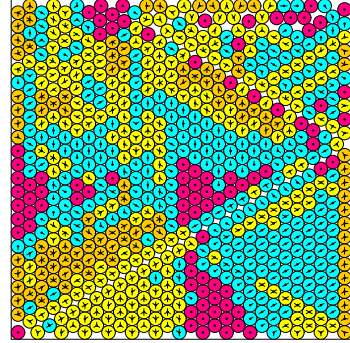
689 circles in a square



radius = 0.020050776030 density = 0.870224821146
ratio = 49.873381384251 contacts = 1875

N = 690

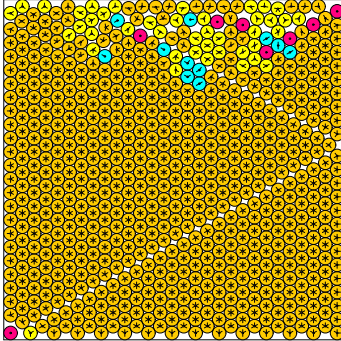
690 circles in a square



radius = 0.020031640732 density = 0.869825245798
ratio = 49.921023114089 contacts = 883

N = 691

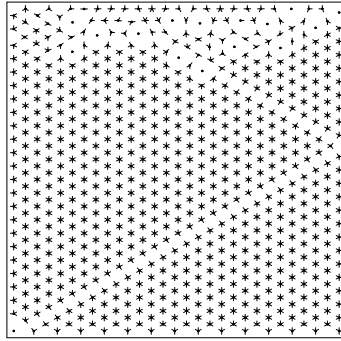
691 circles in a square



radius = 0.020010122167 density = 0.86998058675
ratio = 49.952222778793 contacts = 1862

N = 692

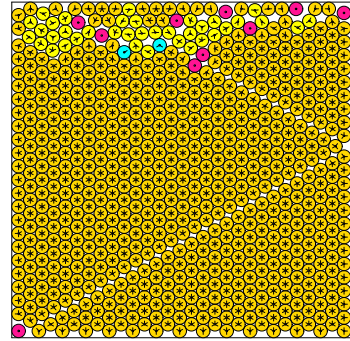
692 circles in a square



radius = 0.01999667234 density = 0.869563909691
ratio = 50.000831927992 contacts = 1878

N = 693

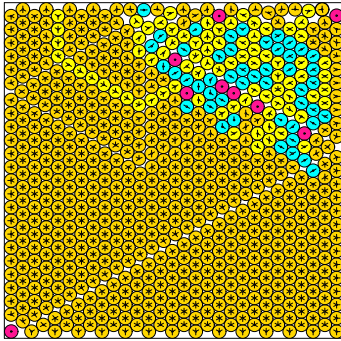
693 circles in a square



radius = 0.019988195954 density = 0.869821832190
ratio = 50.029527542204 contacts = 1901

N = 694

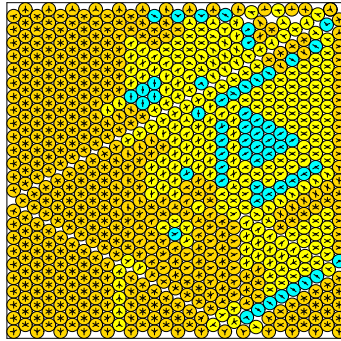
694 circles in a square



radius = 0.019982048949 density = 0.870541301048
ratio = 50.044917944097 contacts = 1728

N = 695

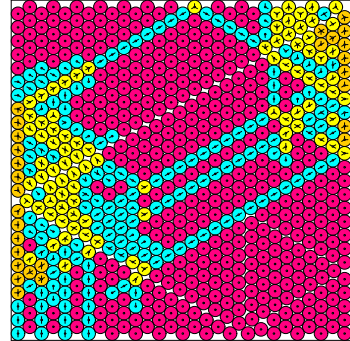
695 circles in a square



radius = 0.019978476283 density = 0.871483967900
ratio = 50.053867264332 contacts = 1539

N = 696

696 circles in a square



radius = 0.01997772691 density = 0.872676431512
ratio = 50.055630096849 contacts = 376