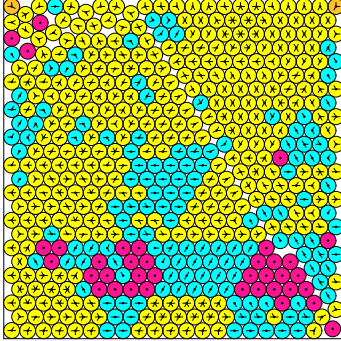


N = 505

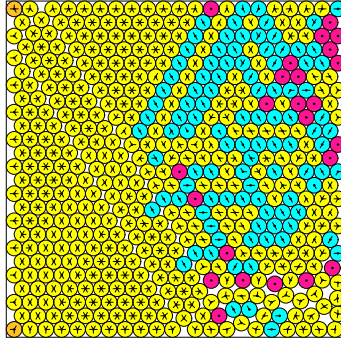
505 circles in a square



radius = 0.023381269012 density = 0.867316099804
ratio = 42.769278240512 contacts = 788

N = 506

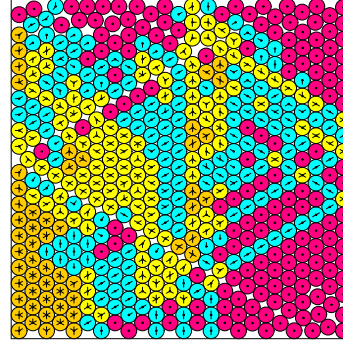
506 circles in a square



radius = 0.023313394223 density = 0.863995348964
ratio = 42.893979035667 contacts = 993

N = 507

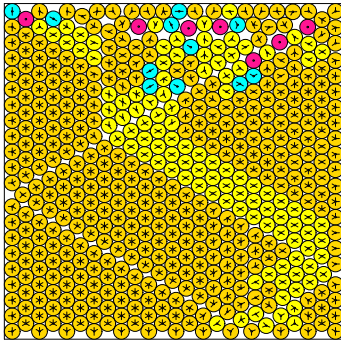
507 circles in a square



radius = 0.023272252747 density = 0.862650109591
ratio = 42.969626140723 contacts = 513

N = 508

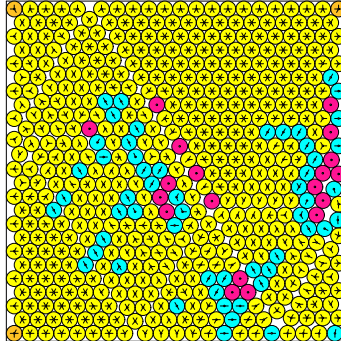
508 circles in a square



radius = 0.023245657171 density = 0.862377152578
ratio = 43.018788095551 contacts = 1205

N = 509

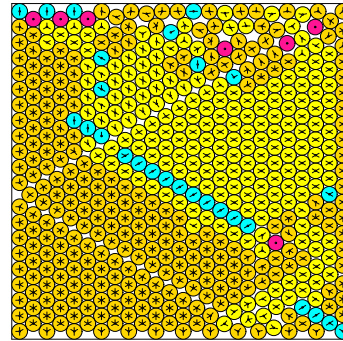
509 circles in a square



radius = 0.023232476941 density = 0.863095366658
ratio = 43.043139480823 contacts = 1074

N = 510

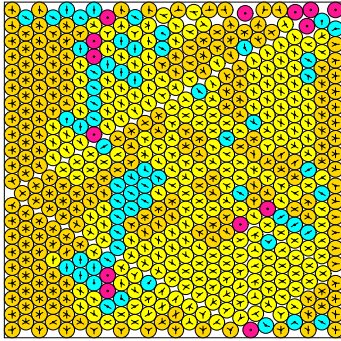
510 circles in a square



radius = 0.023215974842 density = 0.863562744209
ratio = 43.073788922743 contacts = 1116

N = 511

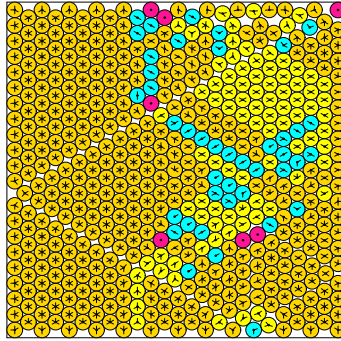
511 circles in a square



radius = 0.02321176370 density = 0.864898364712
ratio = 43.082693615405 contacts = 981

N = 512

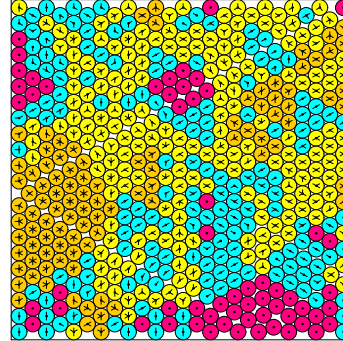
512 circles in a square



radius = 0.023202626643 density = 0.865952634824
ratio = 43.098568732762 contacts = 1177

N = 513

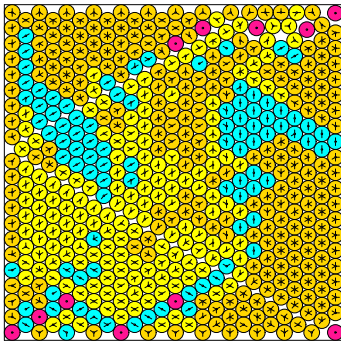
513 circles in a square



radius = 0.023201641296 density = 0.867570256088
ratio = 43.100399116377 contacts = 750

N = 514

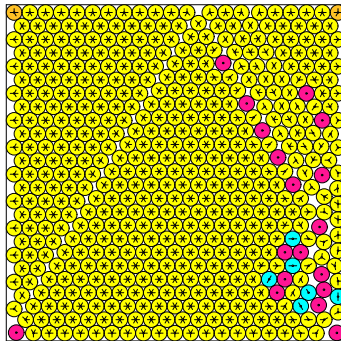
514 circles in a square



radius = 0.023189080109 density = 0.868320458340
ratio = 43.123745973880 contacts = 996

N = 515

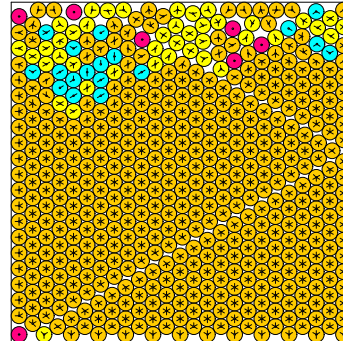
515 circles in a square



radius = 0.023142054746 density = 0.866484772738
ratio = 43.211374745924 contacts = 1345

N = 516

516 circles in a square



radius = 0.023104281919 density = 0.865335507777
ratio = 43.282020341216 contacts = 1343