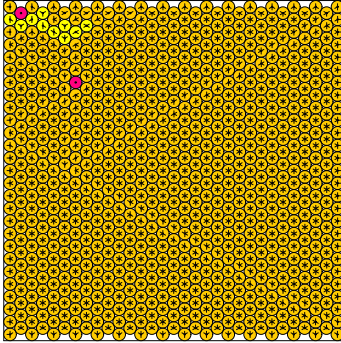


N = 822

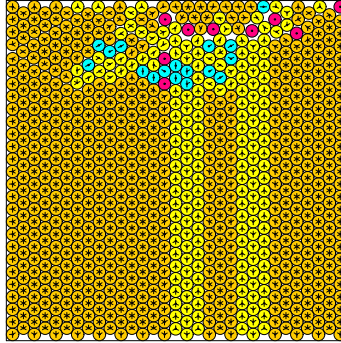
822 circles in a square



radius = 0.018518667574 density = 0.885607247139  
 ratio = 53.999565358141 contacts = 2323

N = 823

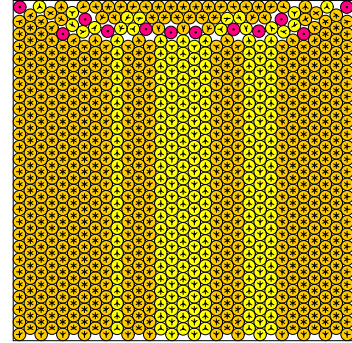
823 circles in a square



radius = 0.018416755547 density = 0.876952266846  
 ratio = 54.298380486123 contacts = 2105

N = 824

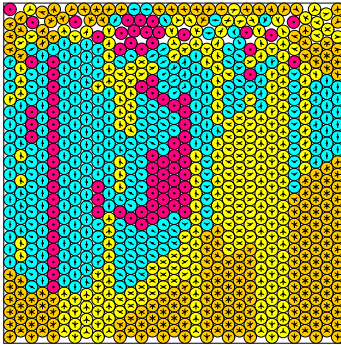
824 circles in a square



radius = 0.018398955083 density = 0.876321370417  
 ratio = 54.350912618631 contacts = 2074

N = 825

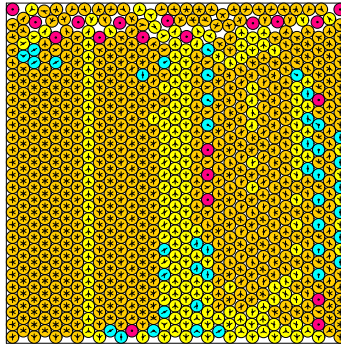
825 circles in a square



radius = 0.018375055083 density = 0.875106924909  
 ratio = 54.421605567931 contacts = 1265

N = 826

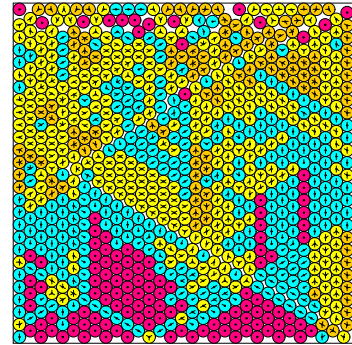
826 circles in a square



radius = 0.018340440634 density = 0.872869766235  
 ratio = 54.524337052375 contacts = 1778

N = 827

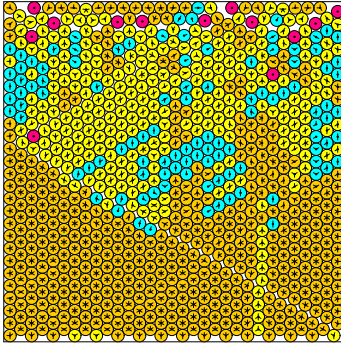
827 circles in a square



radius = 0.018344305982 density = 0.874294917736  
 ratio = 54.912828174403 contacts = 1092

N = 828

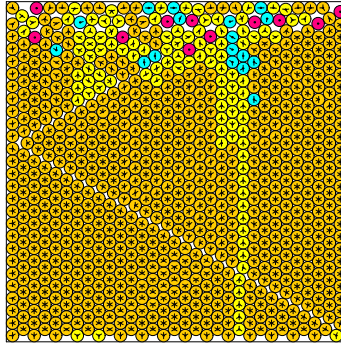
828 circles in a square



radius = 0.018320904416 density = 0.873120182694  
 ratio = 54.58245829054 contacts = 1733

N = 829

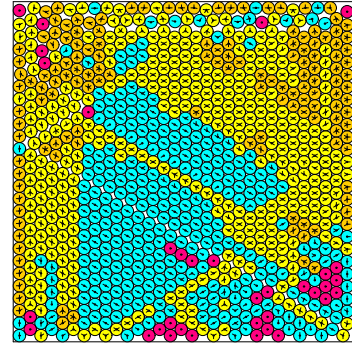
829 circles in a square



radius = 0.018314779467 density = 0.873590274370  
 ratio = 54.600712052923 contacts = 2080

N = 830

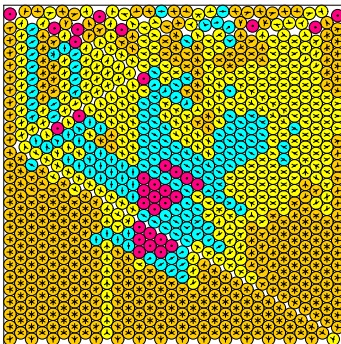
830 circles in a square



radius = 0.018306211140 density = 0.8738254972522  
 ratio = 54.626268229926 contacts = 1281

N = 831

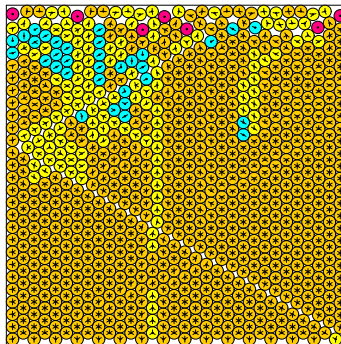
831 circles in a square



radius = 0.018288240318 density = 0.873161817992  
 ratio = 54.679946380499 contacts = 1652

N = 832

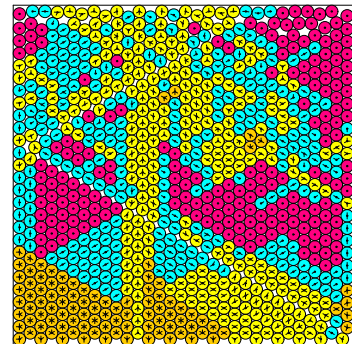
832 circles in a square



radius = 0.018275594276 density = 0.873003962664  
 ratio = 54.717782901633 contacts = 2045

N = 833

833 circles in a square



radius = 0.018270293209 density = 0.873546259438  
 ratio = 54.733659090979 contacts = 1001