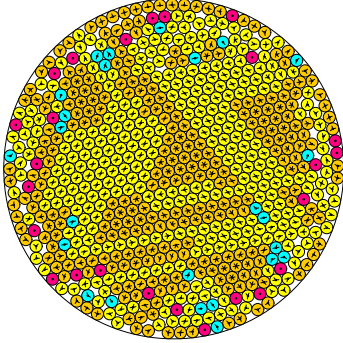


N = 673

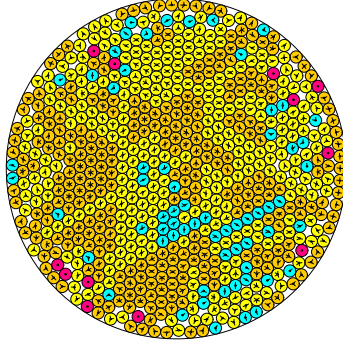
673 circles in a circle



radius = 0.035765785734 density = 0.860895831835  
 ratio = 27.959682122866 contacts = 1313

N = 674

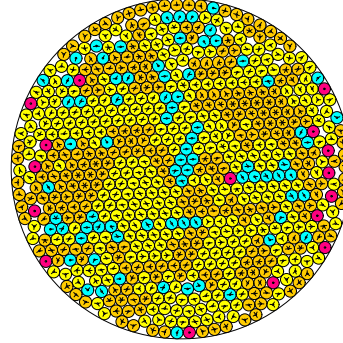
674 circles in a circle



radius = 0.035732939304 density = 0.860592149201  
 ratio = 27.985383219655 contacts = 1286

N = 675

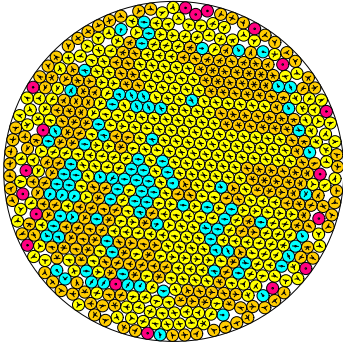
675 circles in a circle



radius = 0.035717066012 density = 0.861103443054  
 ratio = 27.997820416063 contacts = 1231

N = 676

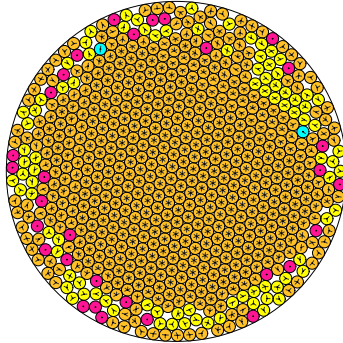
676 circles in a circle



radius = 0.035704490745 density = 0.861772005738  
 ratio = 28.007681362497 contacts = 1204

N = 677

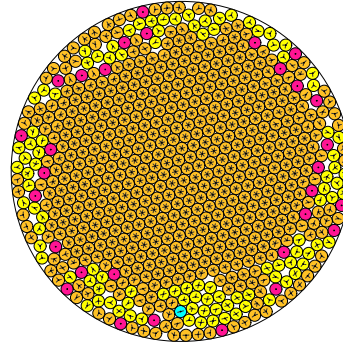
677 circles in a circle



radius = 0.035685747189 density = 0.862140918000  
 ratio = 28.023392059872 contacts = 1637

N = 678

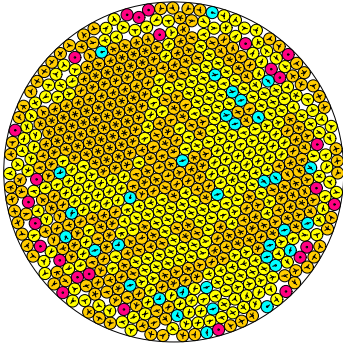
678 circles in a circle



radius = 0.035657053134 density = 0.862026447100  
 ratio = 28.044942363632 contacts = 1649

N = 679

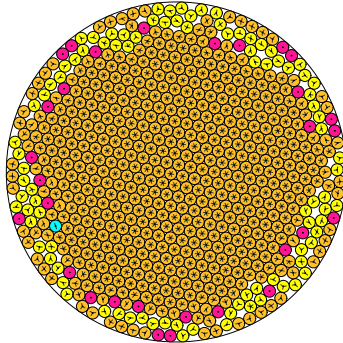
679 circles in a circle



radius = 0.035616520534 density = 0.8614734307230  
 ratio = 28.076858295163 contacts = 1306

N = 680

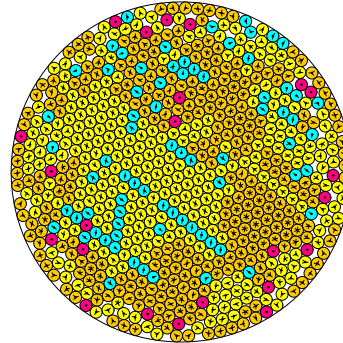
680 circles in a circle



radius = 0.035609594845 density = 0.862269406617  
 ratio = 28.082318946698 contacts = 1696

N = 681

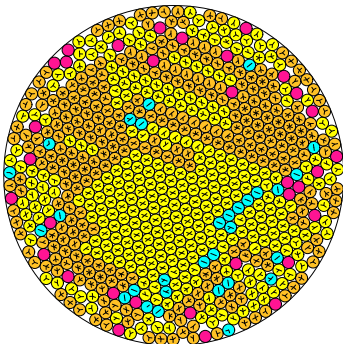
681 circles in a circle



radius = 0.035570260582 density = 0.861630781186  
 ratio = 28.113372903111 contacts = 1253

N = 682

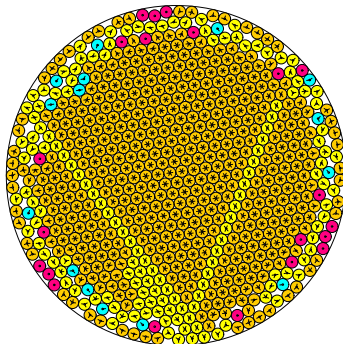
682 circles in a circle



radius = 0.035540927430 density = 0.8614734307230  
 ratio = 28.136575838630 contacts = 1298

N = 683

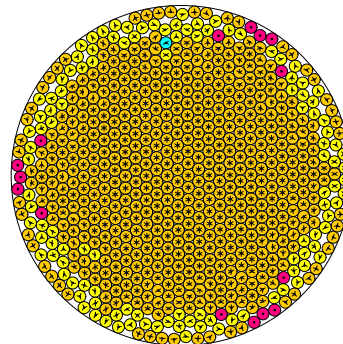
683 circles in a circle



radius = 0.035525419512 density = 0.861983859736  
 ratio = 28.148898302750 contacts = 1624

N = 684

684 circles in a circle



radius = 0.035519765519 density = 0.862971159865  
 ratio = 28.153339004380 contacts = 1683