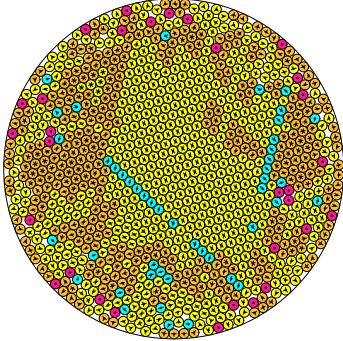


N = 998

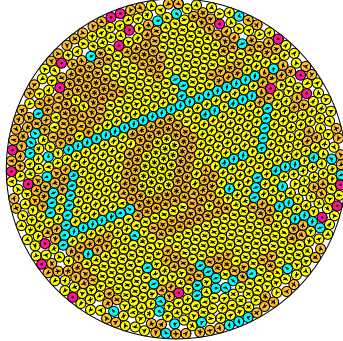
998 circles in a circle



radius = 0.029467693694 density = 0.866608281707  
 ratio = 33.935468801193 contacts = 1923

N = 999

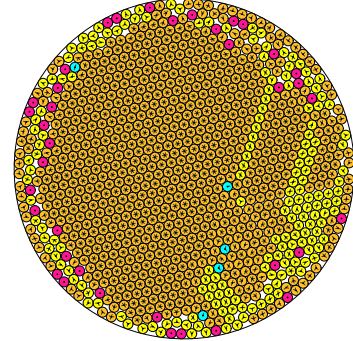
999 circles in a circle



radius = 0.029456726310 density = 0.866831026190  
 ratio = 33.948103718956 contacts = 1875

N = 1000

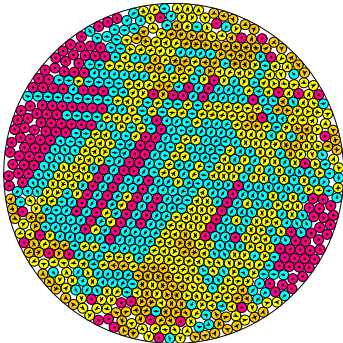
1000 circles in a circle



radius = 0.029461637353 density = 0.867988075520  
 ratio = 33.942444814533 contacts = 2426

N = 1001

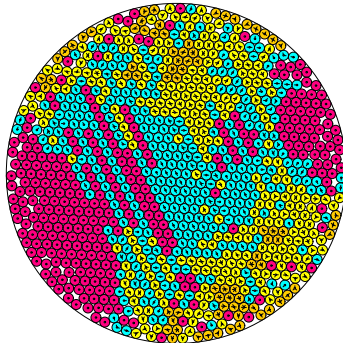
1001 circles in a circle



radius = 0.029429434500 density = 0.866957706586  
 ratio = 33.979585982564 contacts = 1199

N = 1002

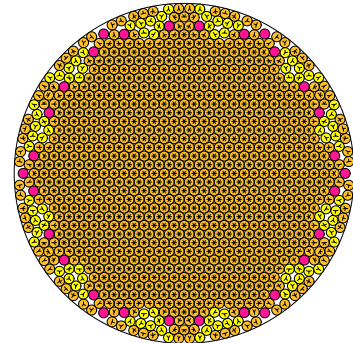
1002 circles in a circle



radius = 0.029428027574 density = 0.867740824535  
 ratio = 33.981210513381 contacts = 973

N = 1003

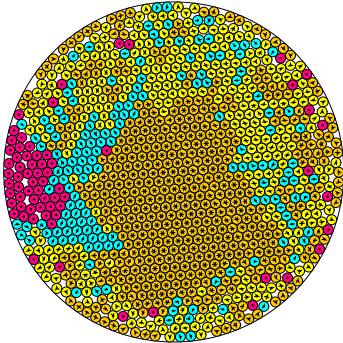
1003 circles in a circle



radius = 0.029427589849 density = 0.868580993456  
 ratio = 33.981715972313 contacts = 2616

N = 1004

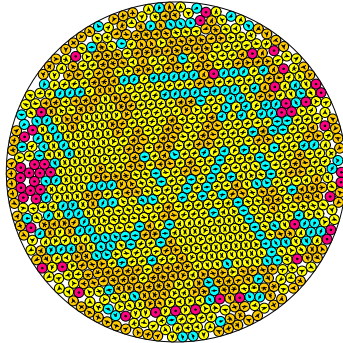
1004 circles in a circle



radius = 0.029384116075 density = 0.868879982647  
 ratio = 34.031991893882 contacts = 1873

N = 1005

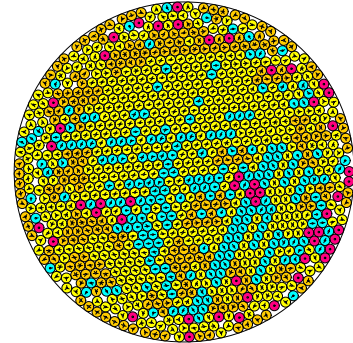
1005 circles in a circle



radius = 0.029373482703 density = 0.867115493552  
 ratio = 34.044311670513 contacts = 1700

N = 1006

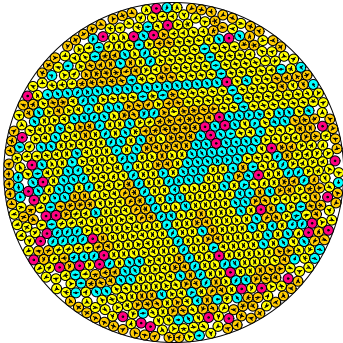
1006 circles in a circle



radius = 0.029368474819 density = 0.867682357058  
 ratio = 34.050116874368 contacts = 1635

N = 1007

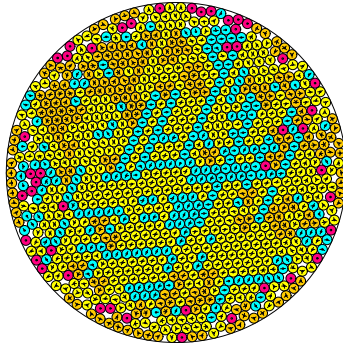
1007 circles in a circle



radius = 0.029364349319 density = 0.868300866007  
 ratio = 34.054900693880 contacts = 1630

N = 1008

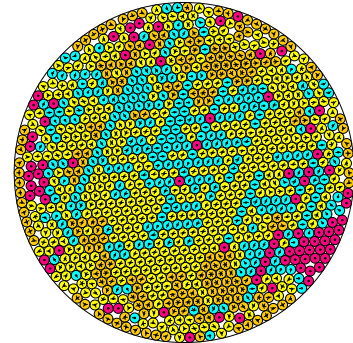
1008 circles in a circle



radius = 0.029352231634 density = 0.868445929929  
 ratio = 34.068959813993 contacts = 1637

N = 1009

1009 circles in a circle



radius = 0.029344816218 density = 0.86868303019  
 ratio = 34.077569018339 contacts = 1518