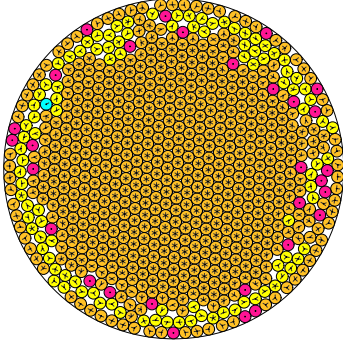


N = 710

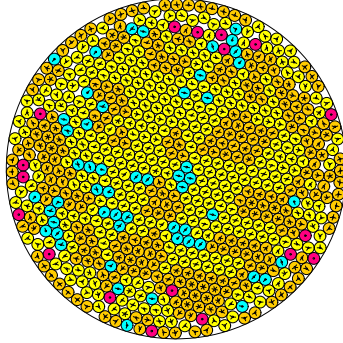
710 circles in a circle



radius = 0.034848521909 density = 0.862237830262  
 ratio = 28.695621656818 contacts = 1733

N = 711

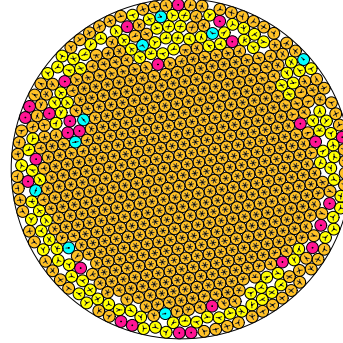
711 circles in a circle



radius = 0.034804990515 density = 0.861296416327  
 ratio = 28.731511924267 contacts = 1328

N = 712

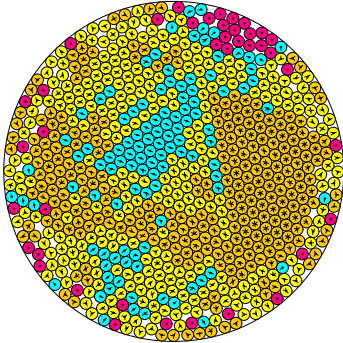
712 circles in a circle



radius = 0.034785510159 density = 0.861342582520  
 ratio = 28.747601959239 contacts = 1744

N = 713

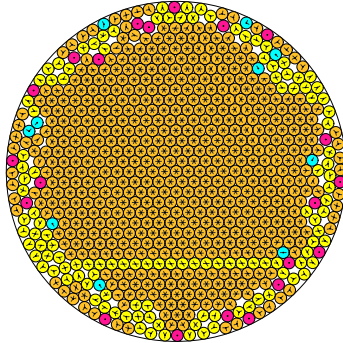
713 circles in a circle



radius = 0.034771710058 density = 0.862068207911  
 ratio = 28.759011228786 contacts = 1348

N = 714

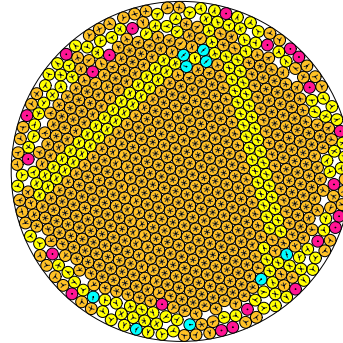
714 circles in a circle



radius = 0.034758535407 density = 0.862423229519  
 ratio = 28.749951898789 contacts = 1755

N = 715

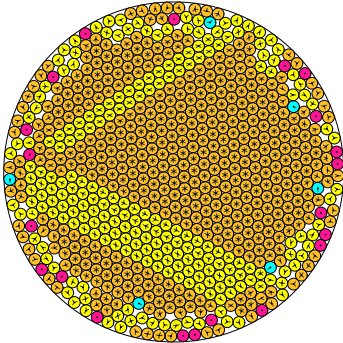
715 circles in a circle



radius = 0.034745521708 density = 0.863184435758  
 ratio = 28.780601244044 contacts = 1694

N = 716

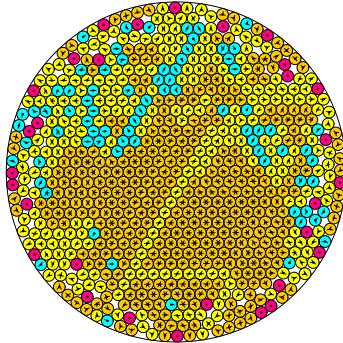
716 circles in a circle



radius = 0.034722330035 density = 0.863283853591  
 ratio = 28.799910574047 contacts = 1663

N = 717

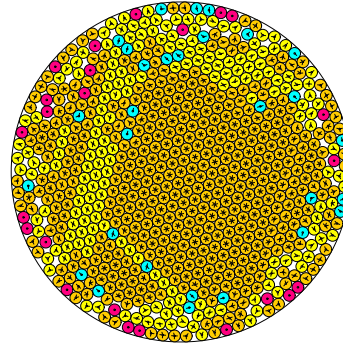
717 circles in a circle



radius = 0.034701916741 density = 0.863427909272  
 ratio = 28.816852033558 contacts = 1362

N = 718

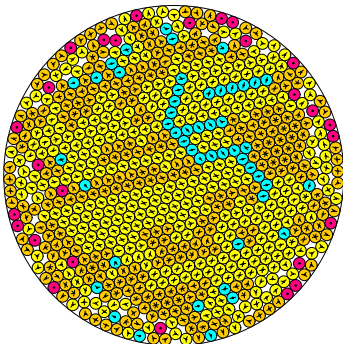
718 circles in a circle



radius = 0.034689683507 density = 0.864022633832  
 ratio = 28.827014227257 contacts = 1595

N = 719

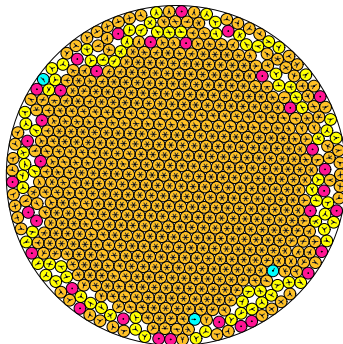
719 circles in a circle



radius = 0.034662984331 density = 0.863894665088  
 ratio = 28.849218240268 contacts = 1341

N = 720

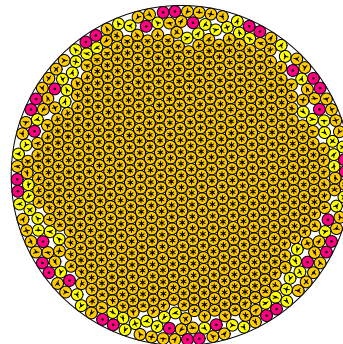
720 circles in a circle



radius = 0.034656329070 density = 0.864764024118  
 ratio = 28.8547958332314 contacts = 1750

N = 721

721 circles in a circle



radius = 0.034640243874 density = 0.865161423341  
 ratio = 28.868157038690 contacts = 1836