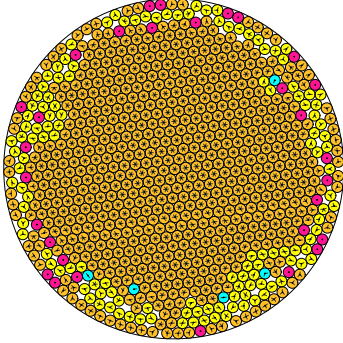


N = 830

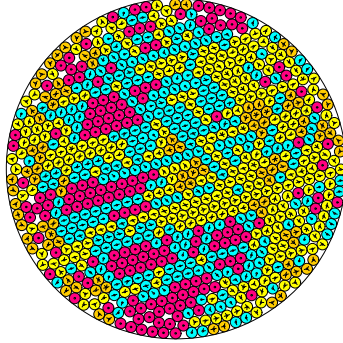
830 circles in a circle



radius = 0.032331319230 density = 0.867610788616
 ratio = 30.929761723800 contacts = 2047

N = 831

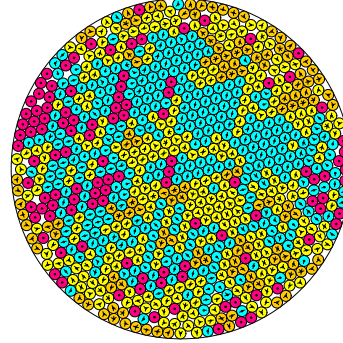
831 circles in a circle



radius = 0.032308306481 density = 0.867419960839
 ratio = 30.951792554808 contacts = 969

N = 832

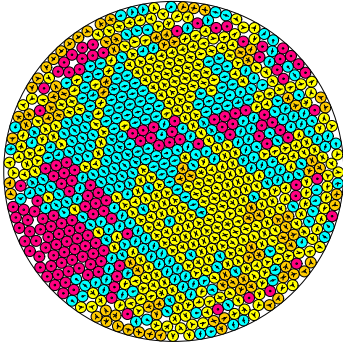
832 circles in a circle



radius = 0.032282514825 density = 0.867077755155
 ratio = 30.976521049550 contacts = 1052

N = 833

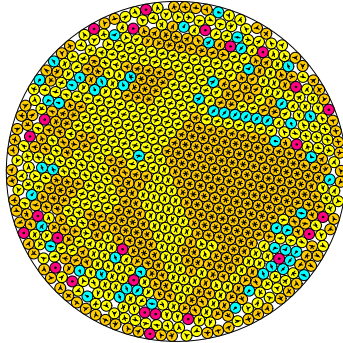
833 circles in a circle



radius = 0.032267887963 density = 0.867333422446
 ratio = 30.990562541823 contacts = 1059

N = 834

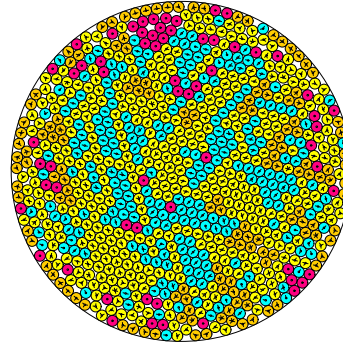
834 circles in a circle



radius = 0.032247100693 density = 0.867259396871
 ratio = 31.020482157372 contacts = 1658

N = 835

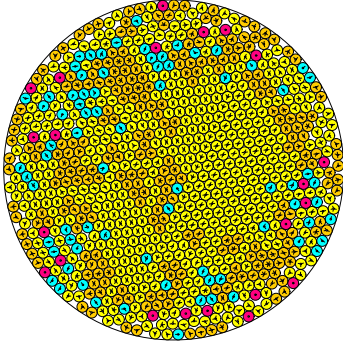
835 circles in a circle



radius = 0.032227288014 density = 0.867229407426
 ratio = 31.029604663493 contacts = 1235

N = 836

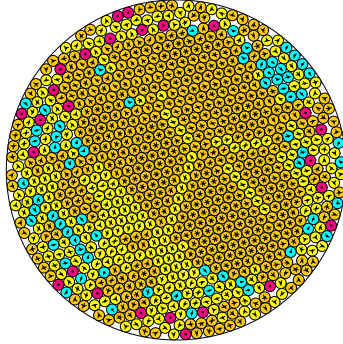
836 circles in a circle



radius = 0.032200077860 density = 0.866802431875
 ratio = 31.05825527526 contacts = 1516

N = 837

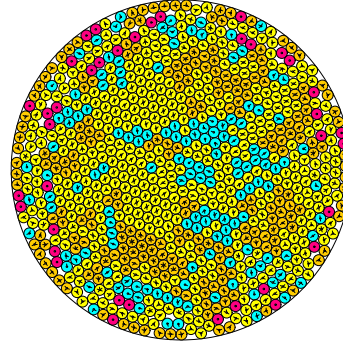
837 circles in a circle



radius = 0.032183534952 density = 0.866947794717
 ratio = 31.07188773130 contacts = 1690

N = 838

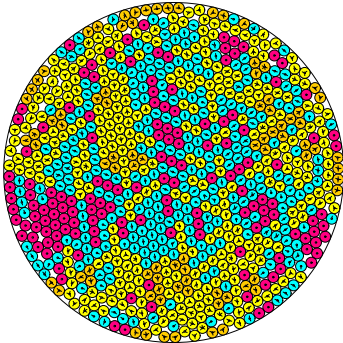
838 circles in a circle



radius = 0.032167537582 density = 0.867120897282
 ratio = 31.087241211857 contacts = 1390

N = 839

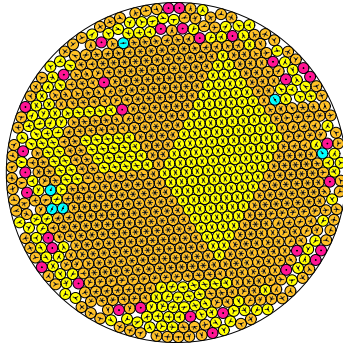
839 circles in a circle



radius = 0.032143802680 density = 0.866874978553
 ratio = 31.110195951637 contacts = 1005

N = 840

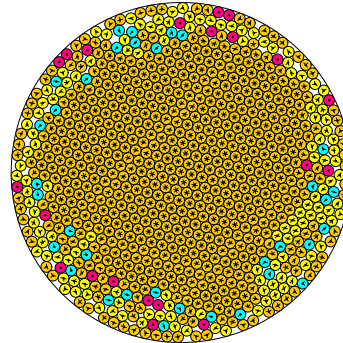
840 circles in a circle



radius = 0.032134235871 density = 0.867391656611
 ratio = 31.119497889536 contacts = 1830

N = 841

841 circles in a circle



radius = 0.03211929864 density = 0.867219049319
 ratio = 31.141074492309 contacts = 2001