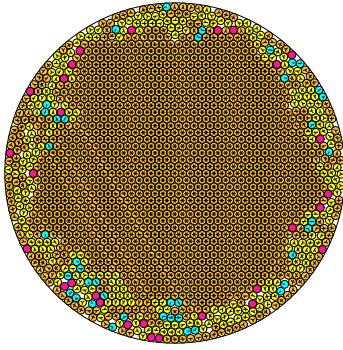


N = 1645

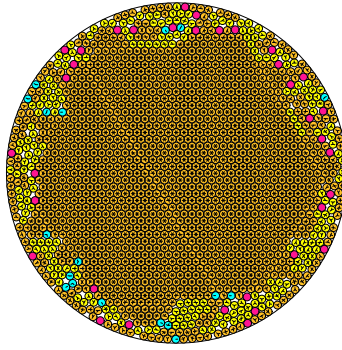
1645 circles in a circle



radius = 0.023061703548 density = 0.874880370520
ratio = 43.361931087414 contacts = 4105

N = 1646

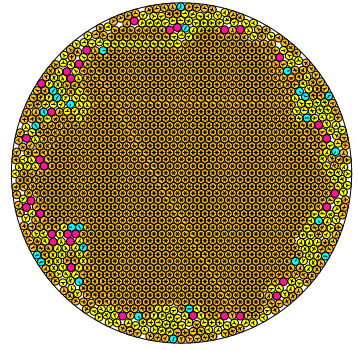
1646 circles in a circle



radius = 0.023056672714 density = 0.875030317833
ratio = 43.371392412197 contacts = 4181

N = 1647

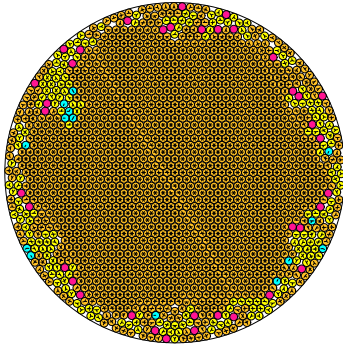
1647 circles in a circle



radius = 0.023043963265 density = 0.874596928141
ratio = 43.395313059100 contacts = 4163

N = 1648

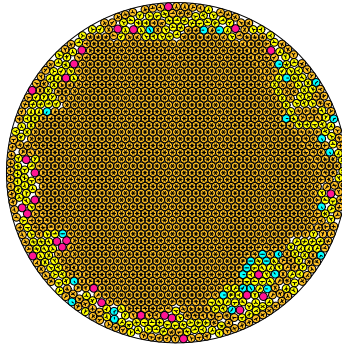
1648 circles in a circle



radius = 0.023028671223 density = 0.874726105760
ratio = 43.405279754726 contacts = 4240

N = 1649

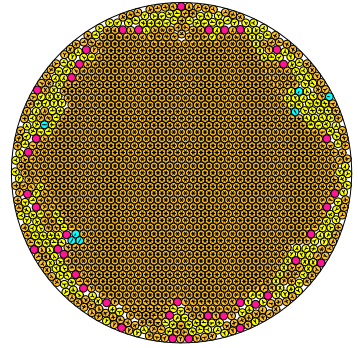
1649 circles in a circle



radius = 0.023013773221 density = 0.87473790651
ratio = 43.418280928258 contacts = 4223

N = 1650

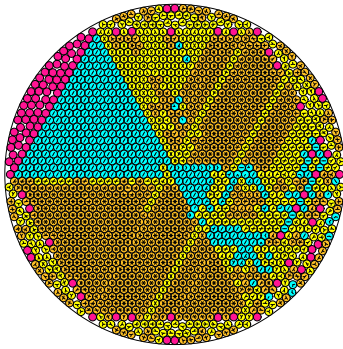
1650 circles in a circle



radius = 0.023028060635 density = 0.874981101385
ratio = 43.425280828541 contacts = 4254

N = 1651

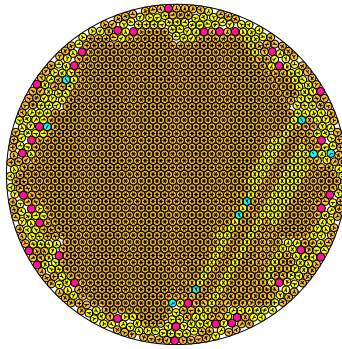
1651 circles in a circle



radius = 0.023024612222 density = 0.875249199941
ratio = 43.431784663669 contacts = 3093

N = 1652

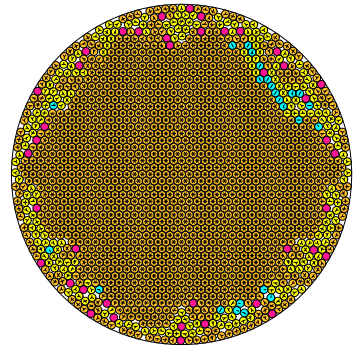
1652 circles in a circle



radius = 0.023004598575 density = 0.874257489871
ratio = 43.469569648234 contacts = 4142

N = 1653

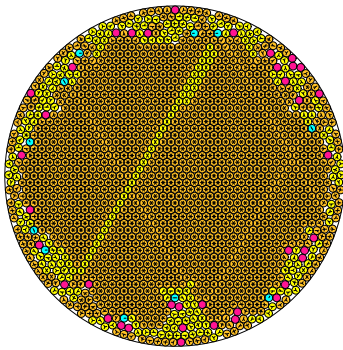
1653 circles in a circle



radius = 0.023001377211 density = 0.874541723469
ratio = 43.475657602906 contacts = 4226

N = 1654

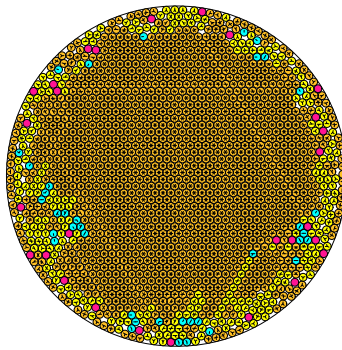
1654 circles in a circle



radius = 0.022993596619 density = 0.874478872977
ratio = 43.490368930579 contacts = 4149

N = 1655

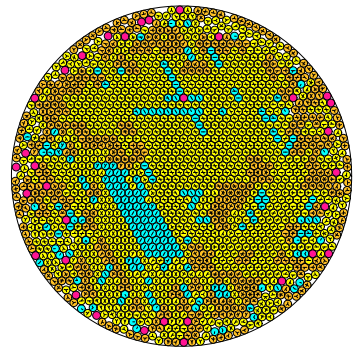
1655 circles in a circle



radius = 0.022984273462 density = 0.874298147975
ratio = 43.508010016420 contacts = 4094

N = 1656

1656 circles in a circle



radius = 0.022979780242 density = 0.874484416736
ratio = 43.516537106673 contacts = 3002