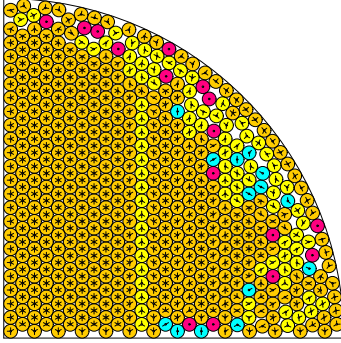


N = 529

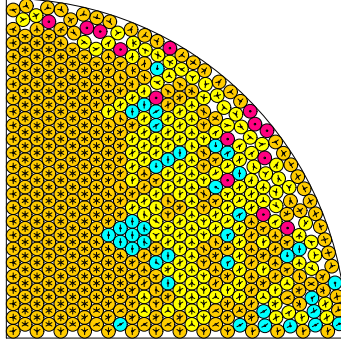
529 circles in a circular quadrant



radius = 0.020219739867 density = 0.865100954695  
ratio = 49.456620440017 contacts = 1266

N = 530

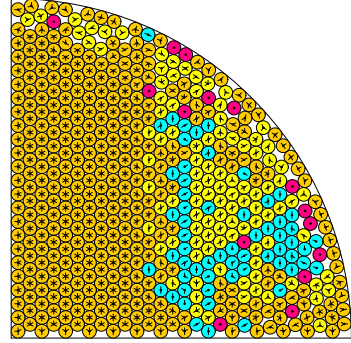
530 circles in a circular quadrant



radius = 0.020204610782 density = 0.865611092874  
ratio = 49.488754487668 contacts = 1154

N = 531

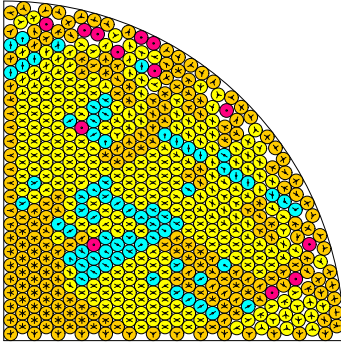
531 circles in a circular quadrant



radius = 0.020187871089 density = 0.865636495453  
ratio = 49.534693162855 contacts = 1171

N = 532

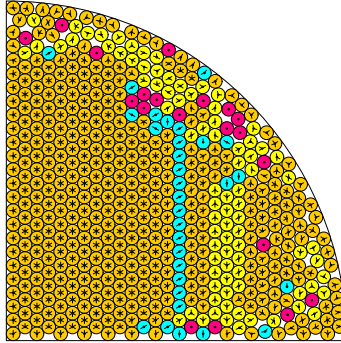
532 circles in a circular quadrant



radius = 0.020162374359 density = 0.865077411115  
ratio = 49.597331239309 contacts = 996

N = 533

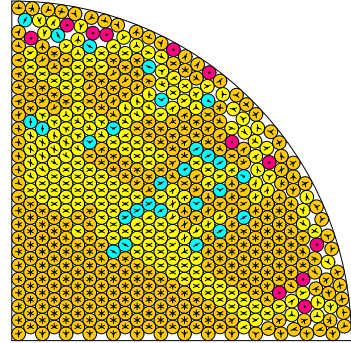
533 circles in a circular quadrant



radius = 0.020147023489 density = 0.865384248223  
ratio = 49.6312123548837 contacts = 1241

N = 534

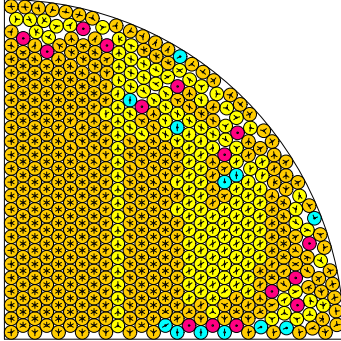
534 circles in a circular quadrant



radius = 0.020137672127 density = 0.866203191463  
ratio = 49.658172686842 contacts = 1132

N = 535

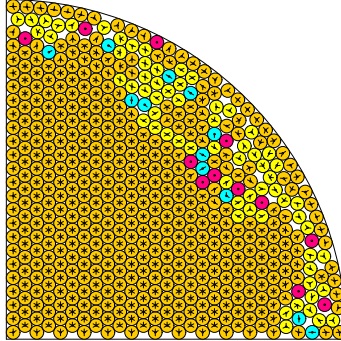
535 circles in a circular quadrant



radius = 0.020110910704 density = 0.865502238087  
ratio = 49.724252407691 contacts = 1219

N = 536

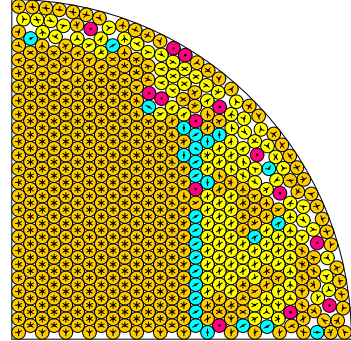
536 circles in a circular quadrant



radius = 0.0200939378336 density = 0.865143860346  
ratio = 49.752782563104 contacts = 1353

N = 537

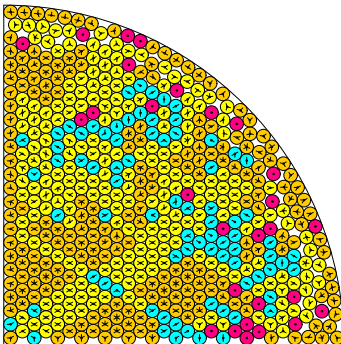
537 circles in a circular quadrant



radius = 0.020067525988 density = 0.865011627251  
ratio = 49.831753081975 contacts = 1261

N = 538

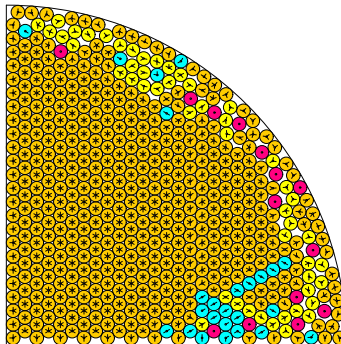
538 circles in a circular quadrant



radius = 0.020048746805 density = 0.865001238703  
ratio = 49.878429295615 contacts = 948

N = 539

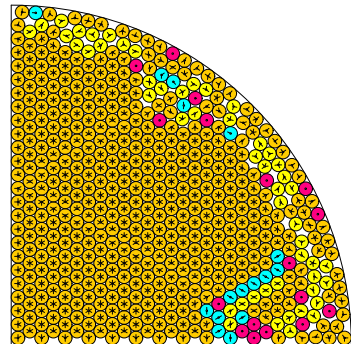
539 circles in a circular quadrant



radius = 0.0200339374759 density = 0.865795565399  
ratio = 49.901856126648 contacts = 1352

N = 540

540 circles in a circular quadrant



radius = 0.020021823085 density = 0.865886543200  
ratio = 49.945501754575 contacts = 1341