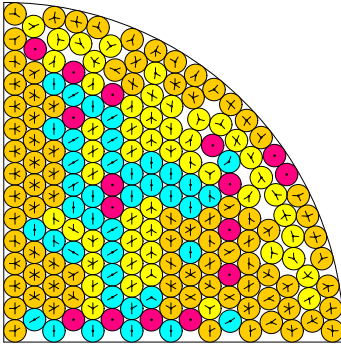


N = 193

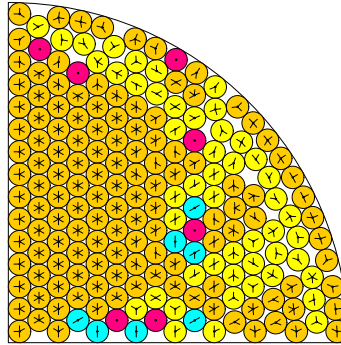
193 circles in a circular quadrant



radius = 0.033040447833 density = 0.842770160978  
 ratio = 30.265933593494 contacts = 332

N = 194

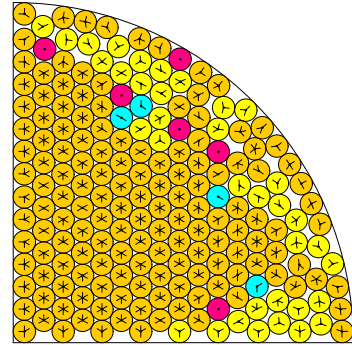
194 circles in a circular quadrant



radius = 0.033009199226 density = 0.845535213230  
 ratio = 30.294585250394 contacts = 430

N = 195

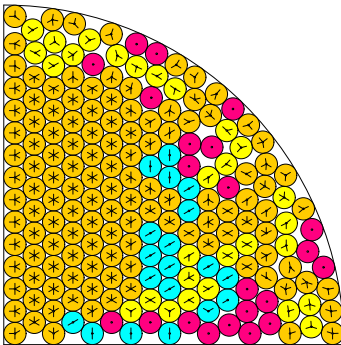
195 circles in a circular quadrant



radius = 0.032918610139 density = 0.845235226897  
 ratio = 30.377953254696 contacts = 436

N = 196

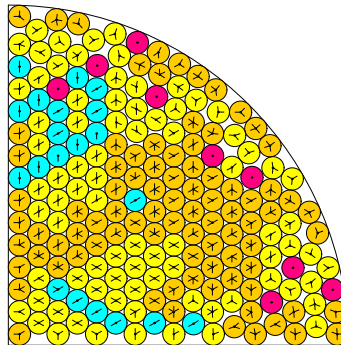
196 circles in a circular quadrant



radius = 0.032816938580 density = 0.844329942879  
 ratio = 30.472064888661 contacts = 392

N = 197

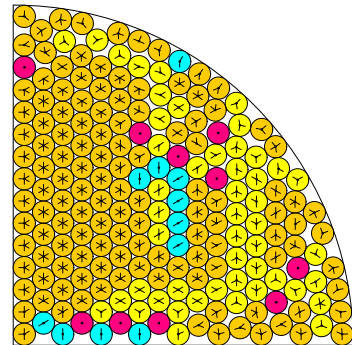
197 circles in a circular quadrant



radius = 0.032752183487 density = 0.845291952230  
 ratio = 30.533353554524 contacts = 356

N = 198

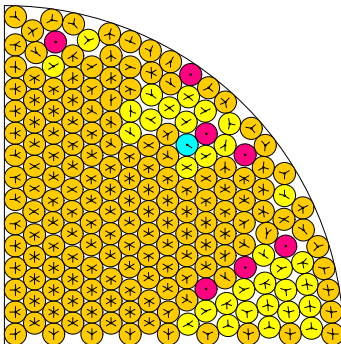
198 circles in a circular quadrant



radius = 0.032621030750 density = 0.842792264596  
 ratio = 30.655070978619 contacts = 419

N = 199

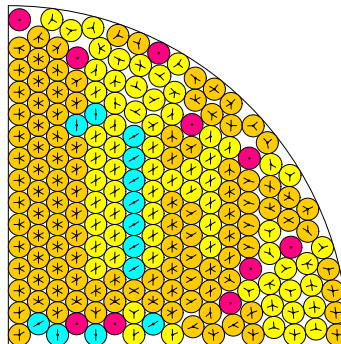
199 circles in a circular quadrant



radius = 0.032508036450 density = 0.8411908573461  
 ratio = 30.761624178968 contacts = 444

N = 200

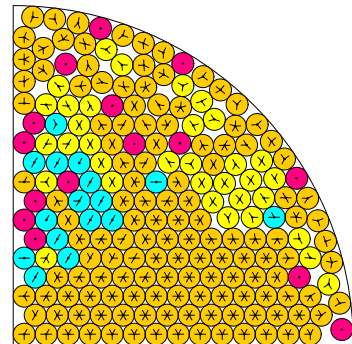
200 circles in a circular quadrant



radius = 0.0324516314992 density = 0.840653982121  
 ratio = 30.848663713042 contacts = 401

N = 201

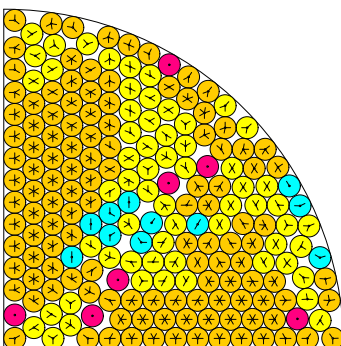
201 circles in a circular quadrant



radius = 0.03234139244 density = 0.840394227222  
 ratio = 30.920370258458 contacts = 407

N = 202

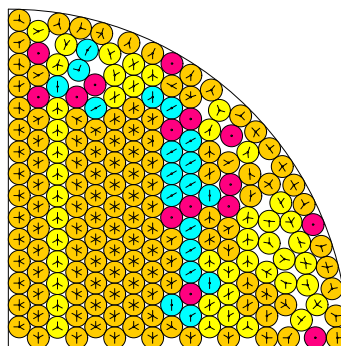
202 circles in a circular quadrant



radius = 0.032274625518 density = 0.841654373461  
 ratio = 30.984093044047 contacts = 422

N = 203

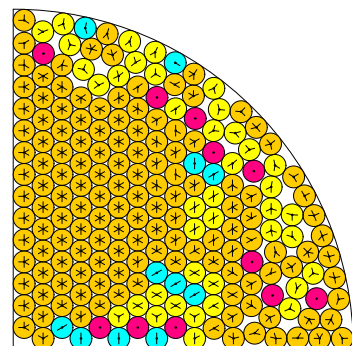
203 circles in a circular quadrant



radius = 0.032216567845 density = 0.842780681873  
 ratio = 31.039928666736 contacts = 407

N = 204

204 circles in a circular quadrant



radius = 0.032143450312 density = 0.843092340757  
 ratio = 31.110536992159 contacts = 445