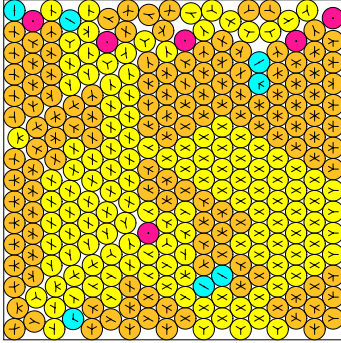


N = 277

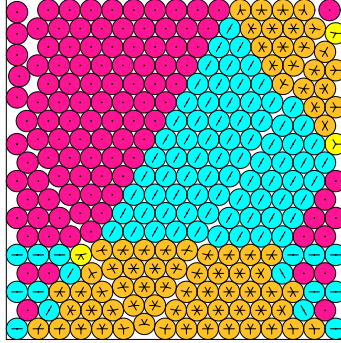
277 circles in a square



radius = 0.031371952835 density = 0.856471169955
 ratio = 31.875605744894 contacts = 566

N = 278

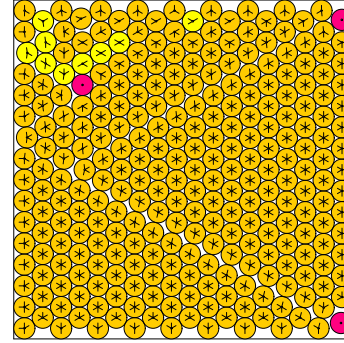
278 circles in a square



radius = 0.031351282721 density = 0.858430811966
 ratio = 31.896621548151 contacts = 302

N = 279

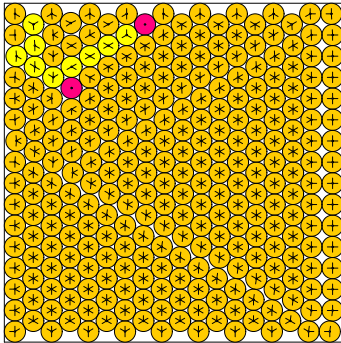
279 circles in a square



radius = 0.031318428037 density = 0.859713975798
 ratio = 31.930082787454 contacts = 743

N = 280

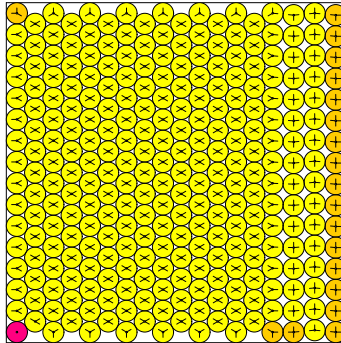
280 circles in a square



radius = 0.031270603954 density = 0.860162376179
 ratio = 31.978915452715 contacts = 741

N = 281

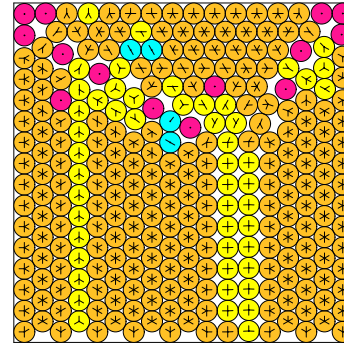
281 circles in a square



radius = 0.031074447262 density = 0.852438642656
 ratio = 32.180781578085 contacts = 561

N = 282

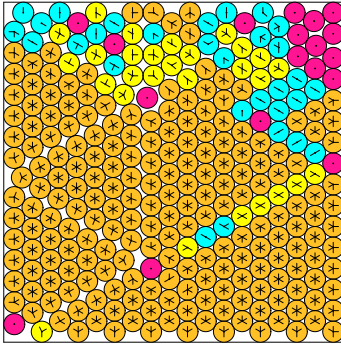
282 circles in a square



radius = 0.031010282927 density = 0.851942802562
 ratio = 32.247367827810 contacts = 664

N = 283

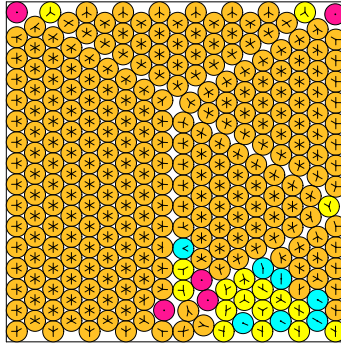
283 circles in a square



radius = 0.030933031758 density = 0.850654498489
 ratio = 32.328946501655 contacts = 648

N = 284

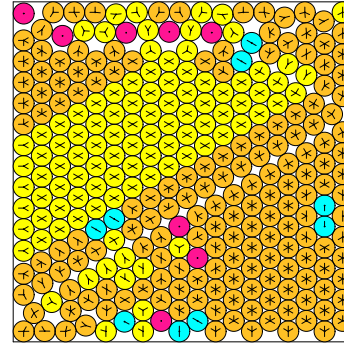
284 circles in a square



radius = 0.030891206806 density = 0.851408642656
 ratio = 32.371671534098 contacts = 733

N = 285

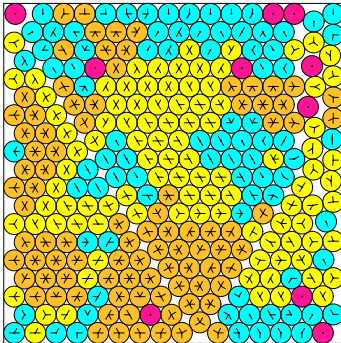
285 circles in a square



radius = 0.030805286710 density = 0.850812476304
 ratio = 32.440898584777 contacts = 634

N = 286

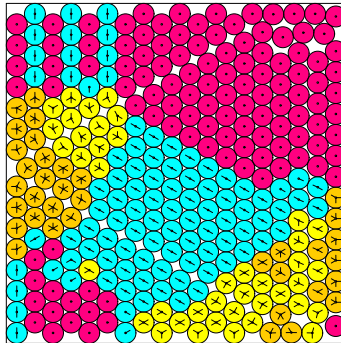
286 circles in a square



radius = 0.0308113197608 density = 0.8503079378875
 ratio = 32.453626290838 contacts = 570

N = 287

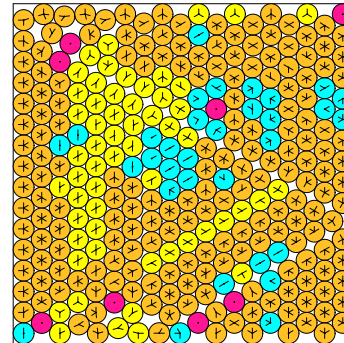
287 circles in a square



radius = 0.030766801735 density = 0.853486144596
 ratio = 32.502565869807 contacts = 252

N = 288

288 circles in a square



radius = 0.0307012117079 density = 0.852812476343
 ratio = 32.571998609092 contacts = 645