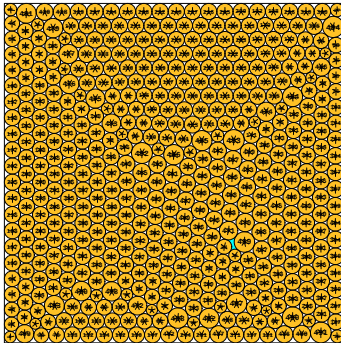


N = 494

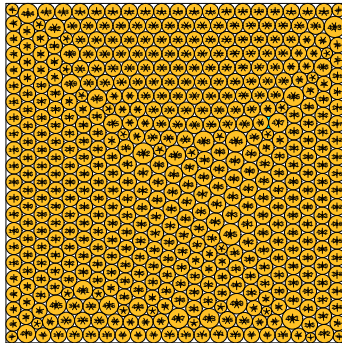
494 circles in a square



sumrad11 = 11.824064090539 density = 0.895812293341
sumperim = 74.292400773704 contacts = 1482

N = 495

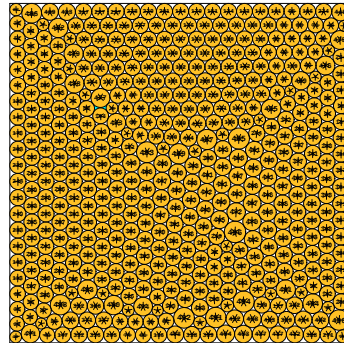
495 circles in a square



sumrad11 = 11.836128159054 density = 0.896122252766
sumperim = 74.368586546632 contacts = 1485

N = 496

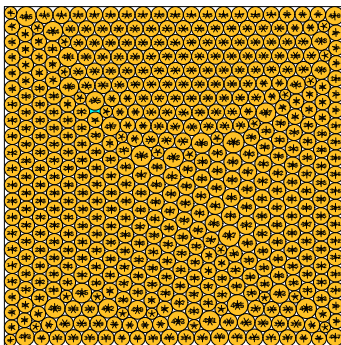
496 circles in a square



sumrad11 = 11.847856118786 density = 0.896023119462
sumperim = 74.442275407135 contacts = 1488

N = 497

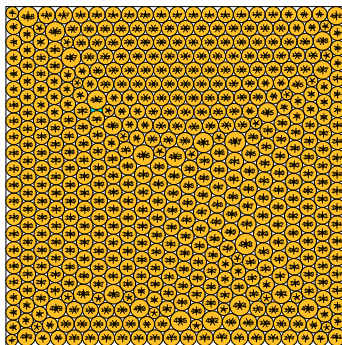
497 circles in a square



sumrad11 = 11.860375524037 density = 0.895969434858
sumperim = 74.520937230259 contacts = 1491

N = 498

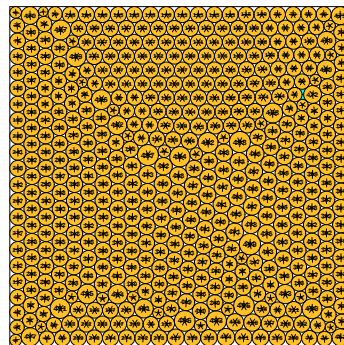
498 circles in a square



sumrad11 = 11.872093599977 density = 0.895991933316
sumperim = 74.594564072839 contacts = 1494

N = 499

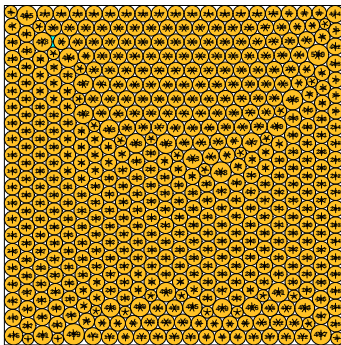
499 circles in a square



sumrad11 = 11.883589880191 density = 0.896097214384
sumperim = 74.666787331762 contacts = 1497

N = 500

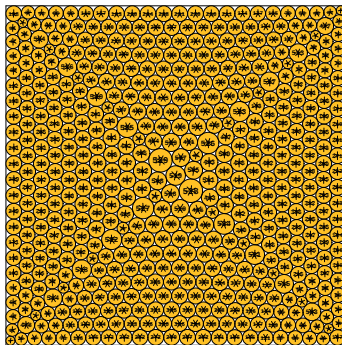
500 circles in a square



sumrad11 = 11.901744072026 density = 0.895890855534
sumperim = 74.780863483166 contacts = 1500

N = 529

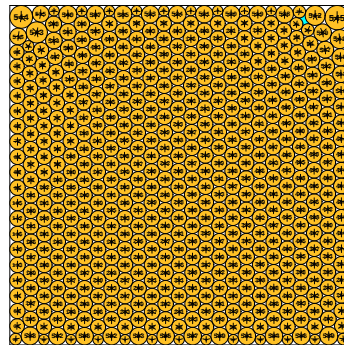
529 circles in a square



sumrad11 = 12.229389401201 density = 0.896765372299
sumperim = 76.839529366891 contacts = 1588

N = 545

545 circles in a square



sumrad11 = 12.428407647582 density = 0.896649140534
sumperim = 78.089988322926 contacts = 1635