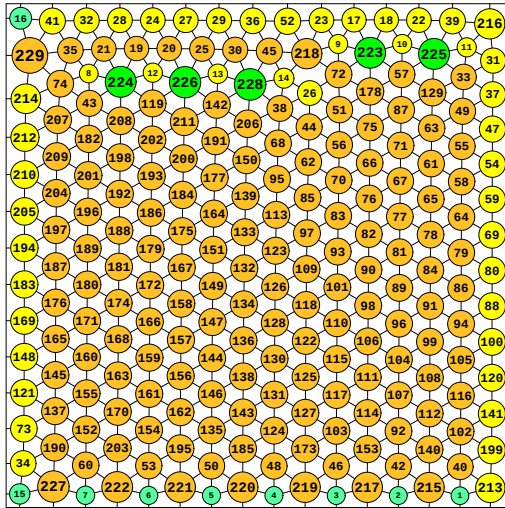
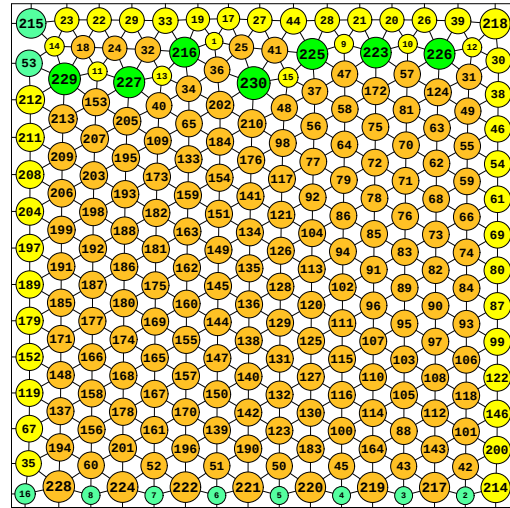


N = 229
229 circles in a square



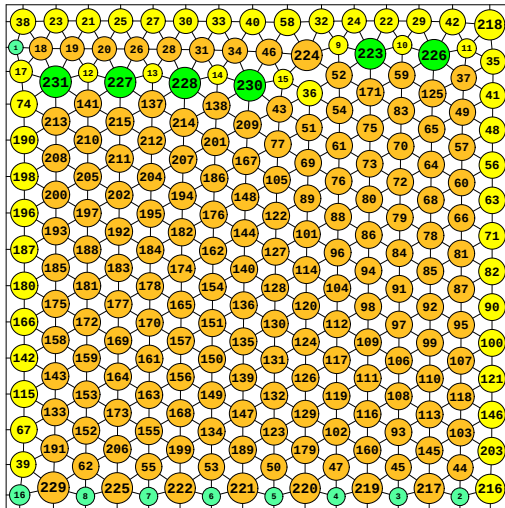
sumradii = 8.025414113646 density = 0.891293312050 © E. Sreor 29-SEP-2020
sumperim = 50.425164042892 contacts = 687

N = 230
230 circles in a square



sumradii = 8.042086155657 density = 0.891357576564 © E. Sreor 29-SEP-2020
sumperim = 50.529917572296 contacts = 690

N = 231
231 circles in a square



sumradii = 8.059954604488 density = 0.891742080400 © E. Sreor 29-SEP-2020
sumperim = 50.642188347453 contacts = 693