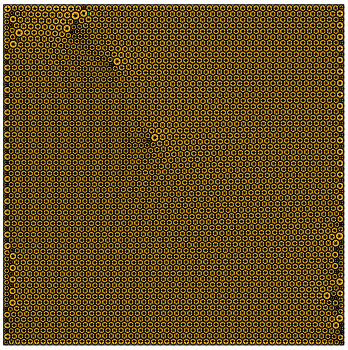
N = 3109

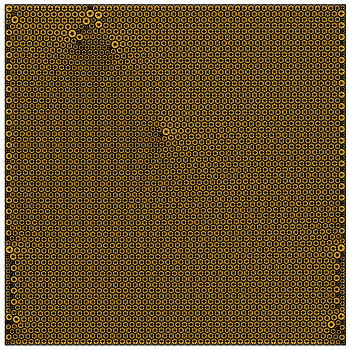
3109 circles in a square



sumradii = 29.834839388982 density = 0.902719565067
sumperim = 187.457824490918 contacts = 9327

N = 3110

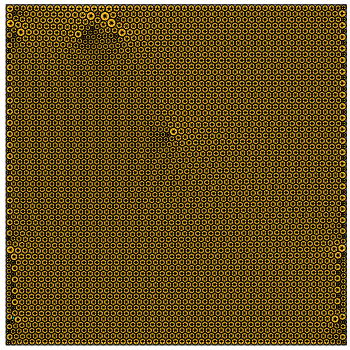
3110 circles in a square



sumradii = 29.837645049805 density = 0.902746751238
sumperim = 187.475452977776 contacts = 9330

N = 3111

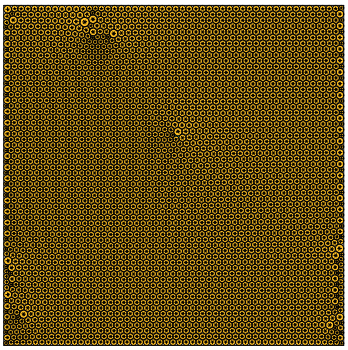
3111 circles in a square



sumradii = 29.839874318544 density = 0.902718762779
sumperim = 187.489459886359 contacts = 9333

N = 3112

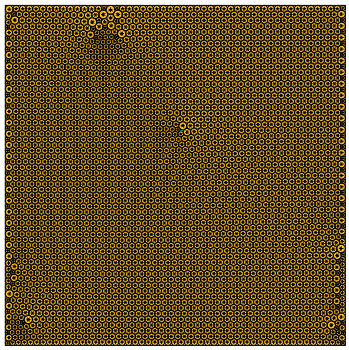
3112 circles in a square



sumradii = 29.849971941866 density = 0.902762555873
sumperim = 187.552905124853 contacts = 9336

N = 3113

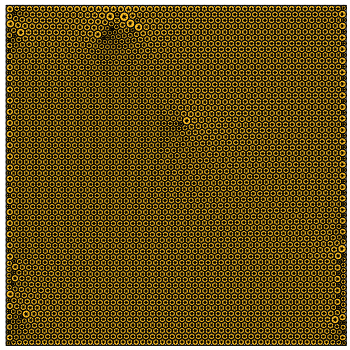
3113 circles in a square



sumradii = 29.853183773421 density = 0.902739081752
sumperim = 187.573085657689 contacts = 9339

N = 3114

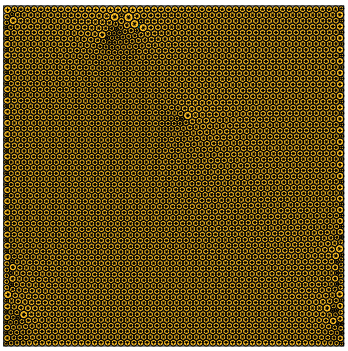
3114 circles in a square



sumradii = 29.856314695963 density = 0.902738085741
sumperim = 187.592757824207 contacts = 9342

N = 3115

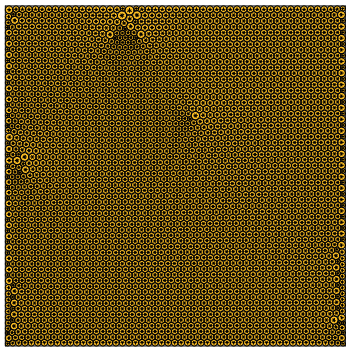
3115 circles in a square



sumradii = 29.861179258063 density = 0.902715276572
sumperim = 187.623322769318 contacts = 9345

N = 3116

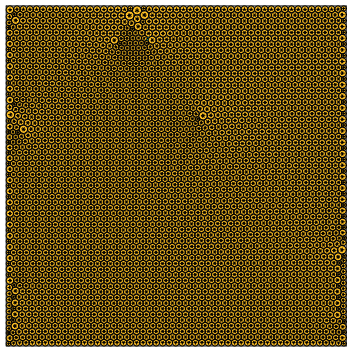
3116 circles in a square



sumradii = 29.867893546689 density = 0.902765428309
sumperim = 187.665509888961 contacts = 9348

N = 3117

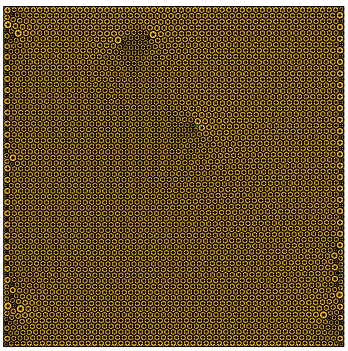
3117 circles in a square



sumradii = 29.873866892082 density = 0.902735739142
sumperim = 187.703041524971 contacts = 9351

N = 3118

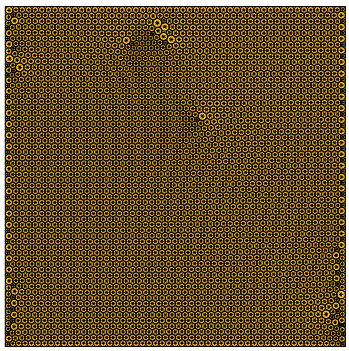
3118 circles in a square



sumradii = 29.881873042582 density = 0.902696337730
sumperim = 187.753345652156 contacts = 9354

N = 3119

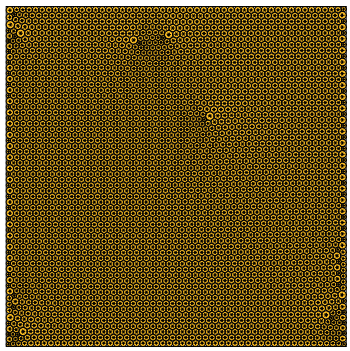
3119 circles in a square



sumradii = 29.883705399970 density = 0.902699476432
sumperim = 187.764858693178 contacts = 9357

N = 3120

3120 circles in a square



sumradii = 29.892195261647 density = 0.902739198725
sumperim = 187.818202067324 contacts = 9360