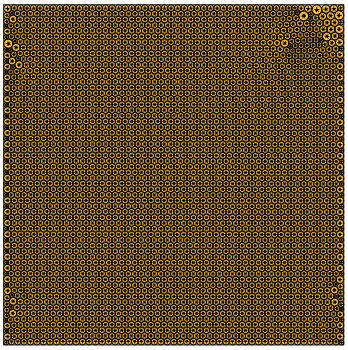
N = 3145

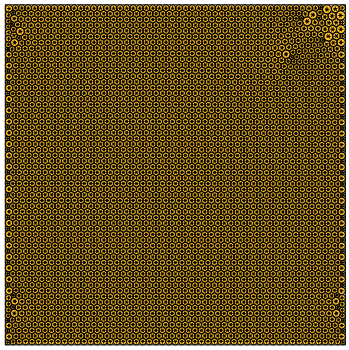
3145 circles in a square



sumradii = 30.013289152944 **density** = 0.902754362566
sumperim = 188.579057425912 **contacts** = 9435

N = 3146

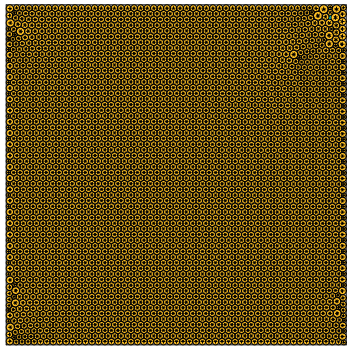
3146 circles in a square



sumradii = 30.021994044290 **density** = 0.902774078896
sumperim = 188.633751871318 **contacts** = 9438

N = 3147

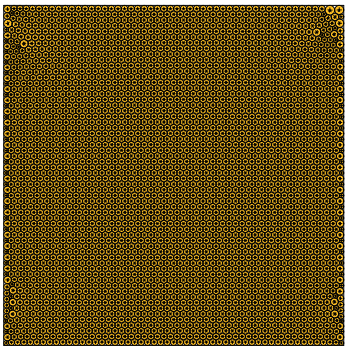
3147 circles in a square



sumradii = 30.026287517108 **density** = 0.902707731851
sumperim = 188.660728556642 **contacts** = 9441

N = 3148

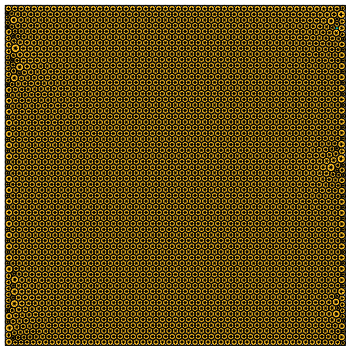
3148 circles in a square



sumradii = 30.033438617232 **density** = 0.902740317139
sumperim = 188.705660243869 **contacts** = 9444

N = 3149

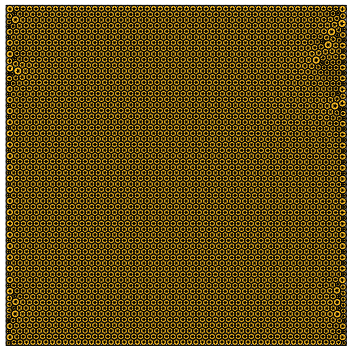
3149 circles in a square



sumradii = 30.037976913404 **density** = 0.902722408546
sumperim = 188.734175199702 **contacts** = 9447

N = 3150

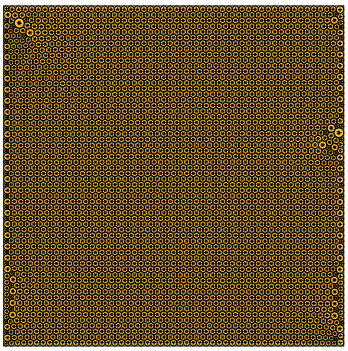
3150 circles in a square



sumradii = 30.041936756658 **density** = 0.902767721888
sumperim = 188.759055628651 **contacts** = 9450

N = 3151

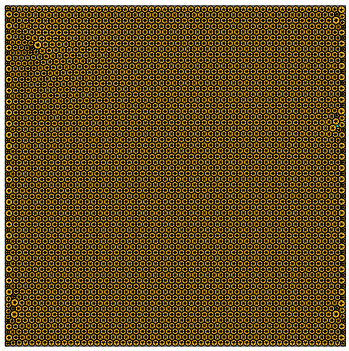
3151 circles in a square



sumradii = 30.045677621662 **density** = 0.902785994199
sumperim = 188.782560176683 **contacts** = 9453

N = 3152

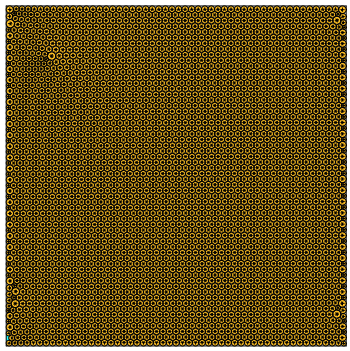
3152 circles in a square



sumradii = 30.054597728627 **density** = 0.902747341892
sumperim = 188.838606861702 **contacts** = 9456

N = 3153

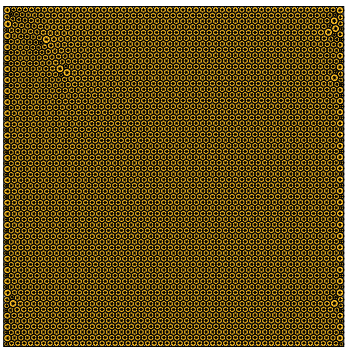
3153 circles in a square



sumradii = 30.060085220242 **density** = 0.902705051719
sumperim = 188.873085788388 **contacts** = 9459

N = 3154

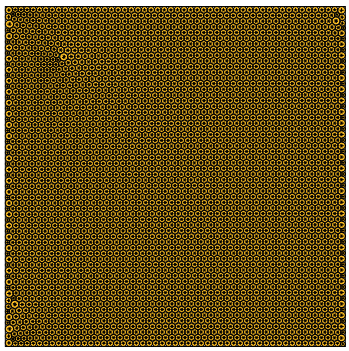
3154 circles in a square



sumradii = 30.063257916079 **density** = 0.902779890921
sumperim = 188.893020424256 **contacts** = 9462

N = 3155

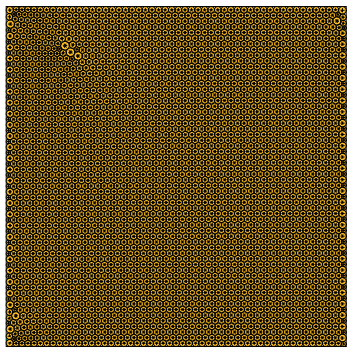
3155 circles in a square



sumradii = 30.070450429612 **density** = 0.902755038667
sumperim = 188.938212319608 **contacts** = 9465

N = 3156

3156 circles in a square



sumradii = 30.074215562124 **density** = 0.902778805190
sumperim = 188.961869344891 **contacts** = 9468