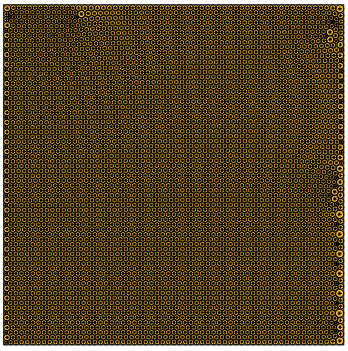
N = 4153

4153 circles in a square



sumradii = 34.508926964759 density = 0.903069018981
sumperim = 216.825982871508 contacts = 12459

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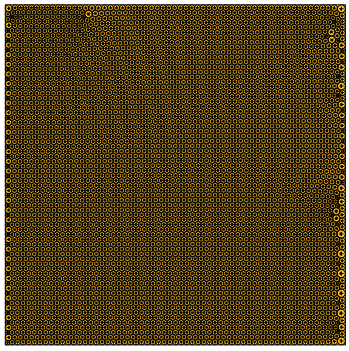
N = 4154

4154 circles in a square



sumradii = 34.513035628666 density = 0.903069254017
sumperim = 216.851798368201 contacts = 12462

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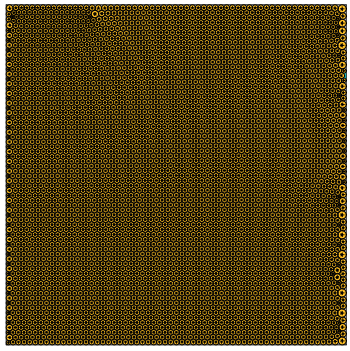
N = 4155

4155 circles in a square



sumradii = 34.515142768360 density = 0.902996509828
sumperim = 216.865037917366 contacts = 12465

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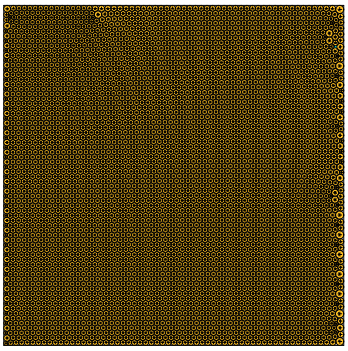
N = 4156

4156 circles in a square



sumradii = 34.521030506106 density = 0.903021330364
sumperim = 216.902031664666 contacts = 12468

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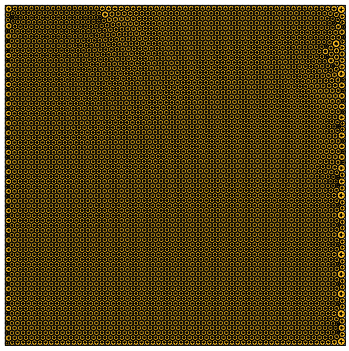
N = 4157

4157 circles in a square



sumradii = 34.523895152454 density = 0.903037762783
sumperim = 216.920030768507 contacts = 12471

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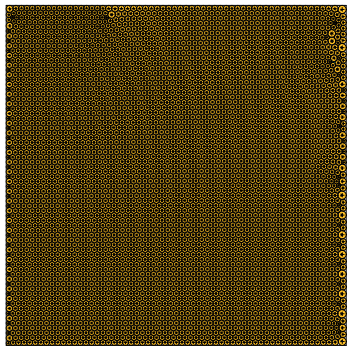
N = 4158

4158 circles in a square



sumradii = 34.527868612239 density = 0.903017253499
sumperim = 216.944996752648 contacts = 12474

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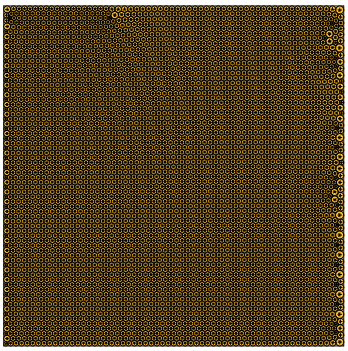
N = 4159

4159 circles in a square



sumradii = 34.531284516790 density = 0.903006952352
sumperim = 216.966459513931 contacts = 12477

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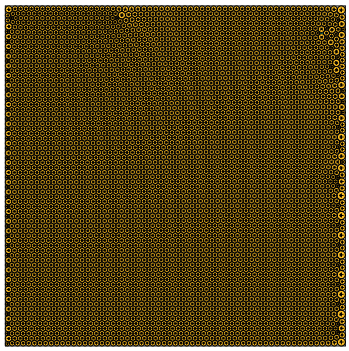
N = 4160

4160 circles in a square



sumradii = 34.534943716630 density = 0.902996496654
sumperim = 216.989450944601 contacts = 12480

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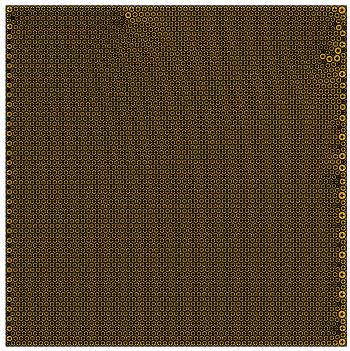
N = 4161

4161 circles in a square



sumradii = 34.538485072985 density = 0.903045633905
sumperim = 217.011701942823 contacts = 12483

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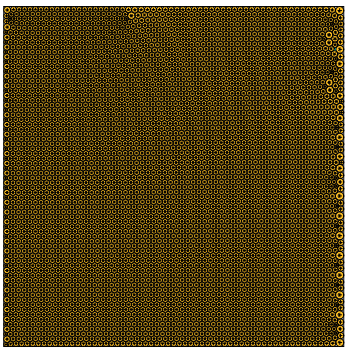
N = 4162

4162 circles in a square



sumradii = 34.541879514202 density = 0.902961063668
sumperim = 217.033029846003 contacts = 12486

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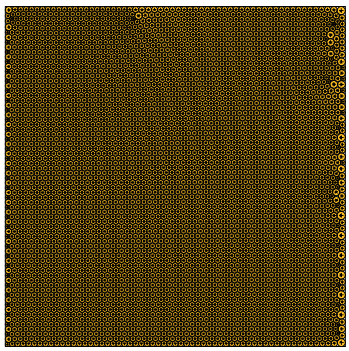
N = 4163

4163 circles in a square



sumradii = 34.546466323489 density = 0.903001638592
sumperim = 217.061849618720 contacts = 12489

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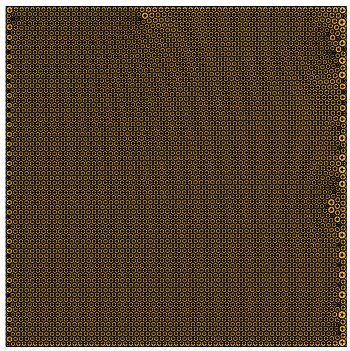
N = 4164

4164 circles in a square



sumradii = 34.550012976940 density = 0.903021225657
sumperim = 217.084133899573 contacts = 12492

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