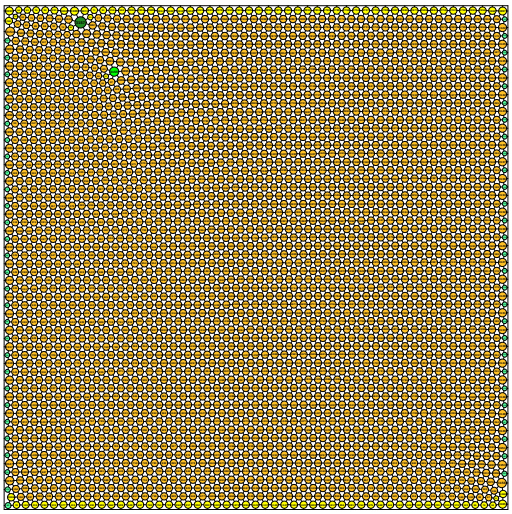
N = 3157

3157 circles in a square



sumradii = 30.078048225055 density = 0.902731292172
sumperim = 188.985950676304 contacts = 9471

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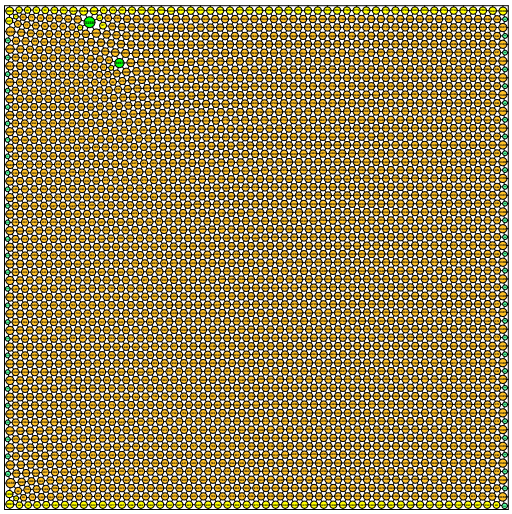
N = 3158

3158 circles in a square



sumradii = 30.083080185682 density = 0.902750491281
sumperim = 189.017567417383 contacts = 9474

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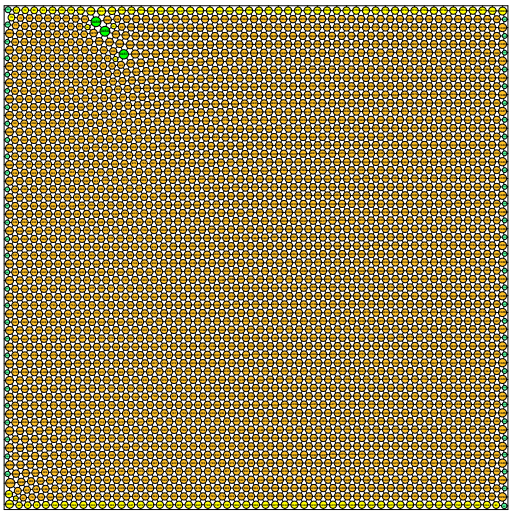
N = 3159

3159 circles in a square



sumradii = 30.087734956743 density = 0.902731690636
sumperim = 189.046814206521 contacts = 9477

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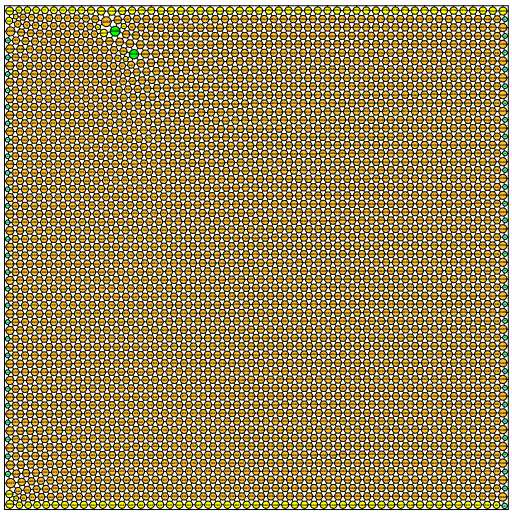
N = 3160

3160 circles in a square



sumradii = 30.093009902104 density = 0.902784835318
sumperim = 189.079957665710 contacts = 9480

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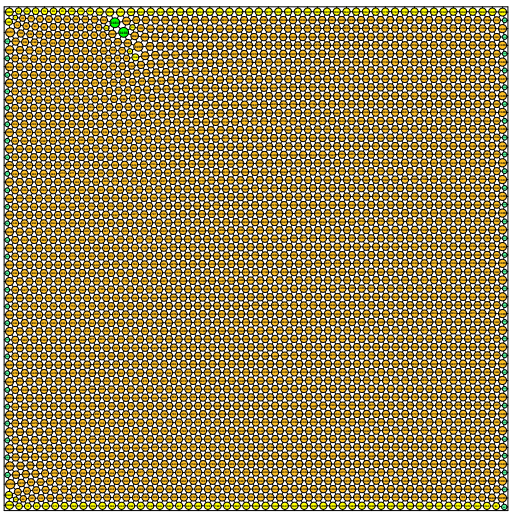
N = 3161

3161 circles in a square



sumradii = 30.097762324545 density = 0.902778115381
sumperim = 189.109818016564 contacts = 9483

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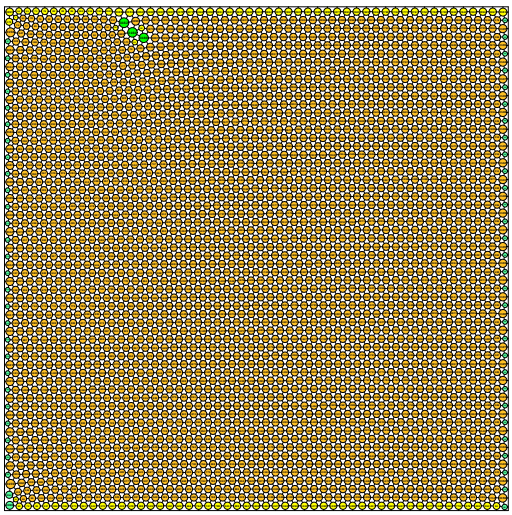
N = 3162

3162 circles in a square



sumradii = 30.102787013266 density = 0.902772222702
sumperim = 189.141389066910 contacts = 9486

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