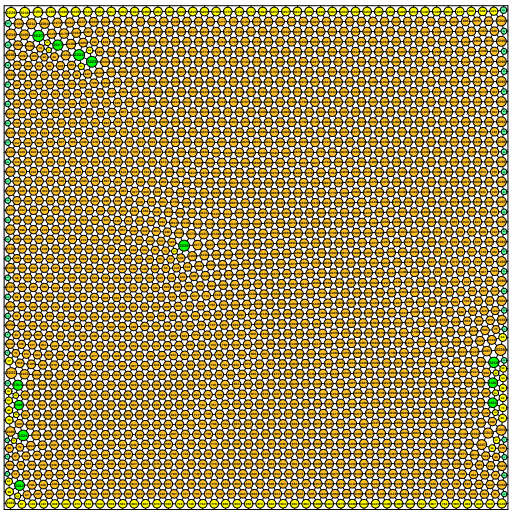
# N = 2227

**2227 circles in a square**

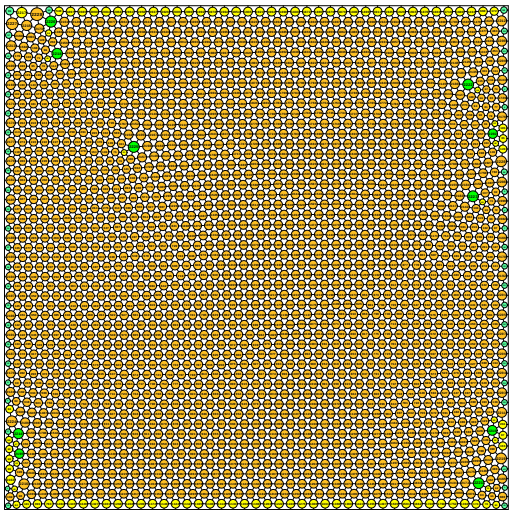


**sumradii = 25.232258524022 density = 0.901987984438**
**sumperim = 158.538956025092 contacts = 6681**

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# N = 2228

**2228 circles in a square**

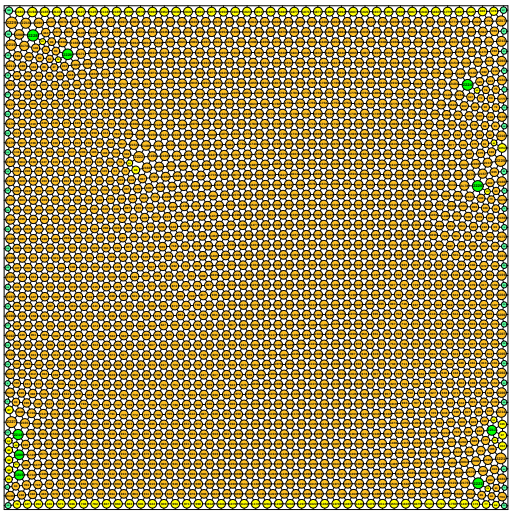


**sumradii = 25.234088737460 density = 0.902011991997**
**sumperim = 158.550455595275 contacts = 6684**

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# N = 2229

**2229 circles in a square**

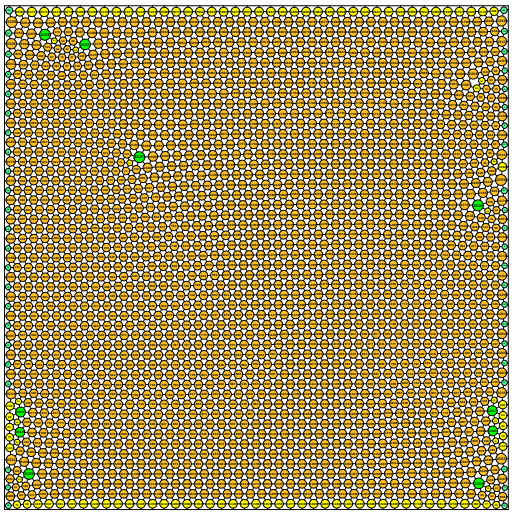


**sumradii = 25.241866571356 density = 0.902011264556**
**sumperim = 158.599325166932 contacts = 6687**

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# N = 2230

**2230 circles in a square**

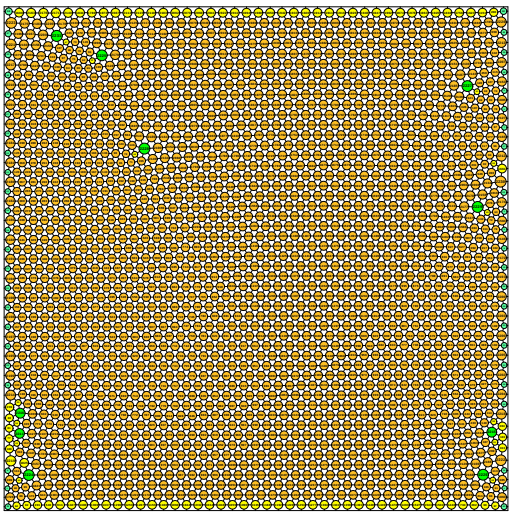


**sumradii = 25.247344355070 density = 0.901955738756**
**sumperim = 158.633743097079 contacts = 6690**

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# N = 2231

**2231 circles in a square**

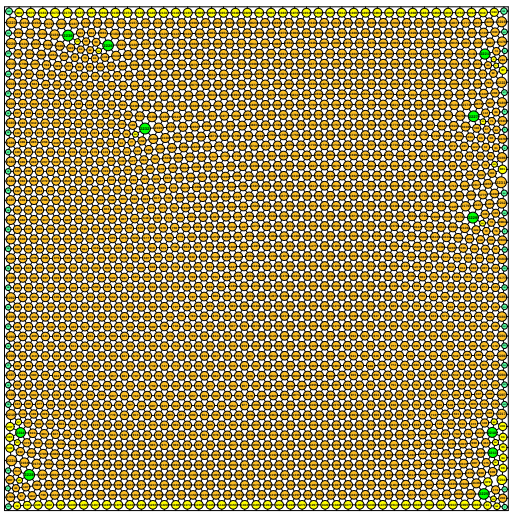


**sumradii = 25.253635340521 density = 0.901991063803**
**sumperim = 158.673270524433 contacts = 6693**

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# N = 2232

**2232 circles in a square**



**sumradii = 25.256798766169 density = 0.901966091092**
**sumperim = 158.693146913985 contacts = 6696**

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