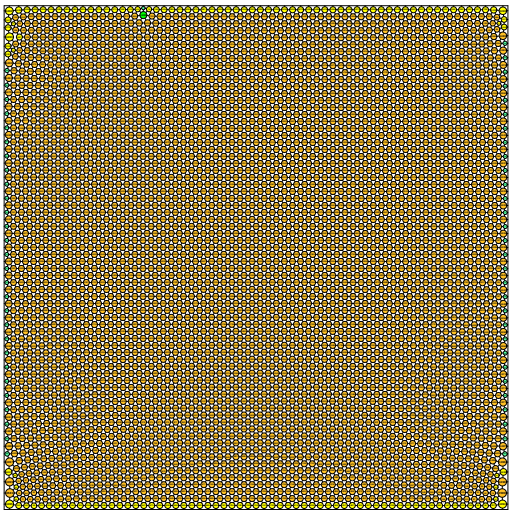
N = 4501

4501 circles in a square



sumradii = 35.934642964693 density = 0.903345160129
sumperim = 225.784020694504 contacts = 13503

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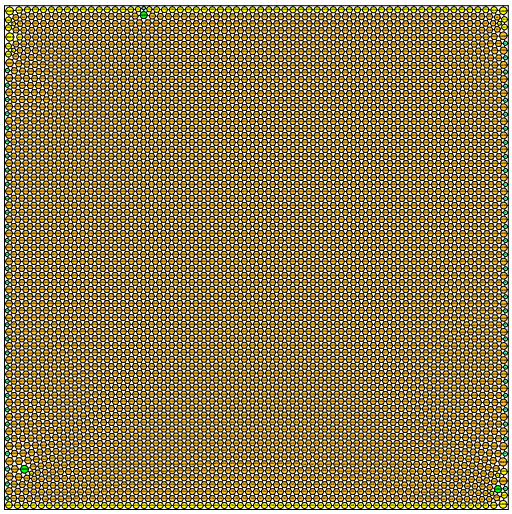
N = 4502

4502 circles in a square



sumradii = 35.941319159228 density = 0.903400182626
sumperim = 225.825968461914 contacts = 13506

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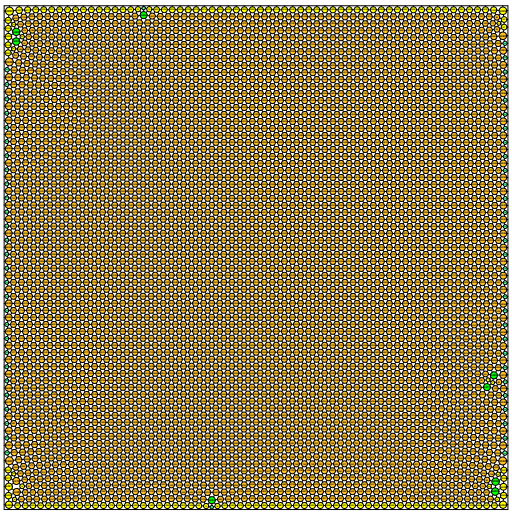
N = 4503

4503 circles in a square



sumradii = 35.944162169150 density = 0.903382577842
sumperim = 225.843831620084 contacts = 13509

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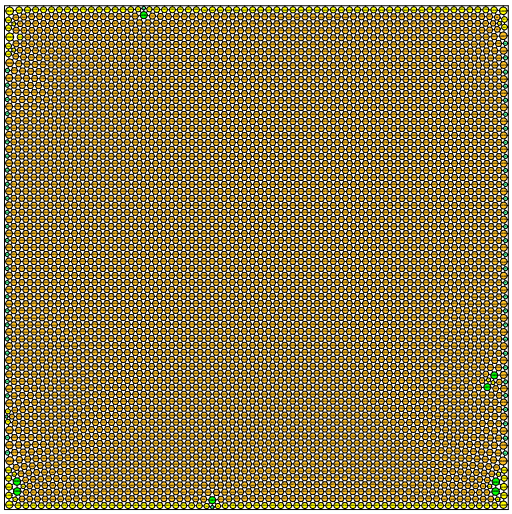
N = 4504

4504 circles in a square



sumradii = 35.947681645304 density = 0.903383462998
sumperim = 225.865945140943 contacts = 13512

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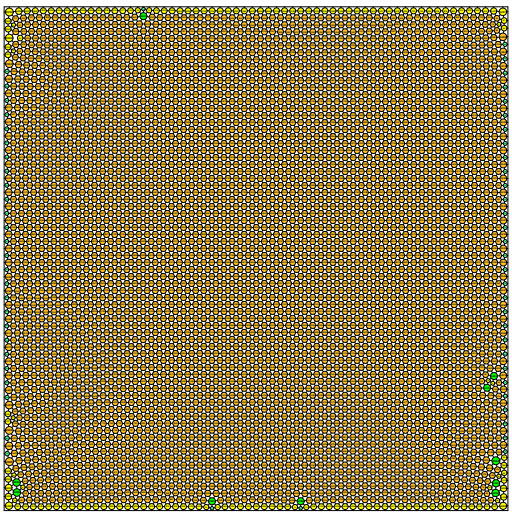
N = 4505

4505 circles in a square



sumradii = 35.951009340421 density = 0.903388920470
sumperim = 225.886853666010 contacts = 13515

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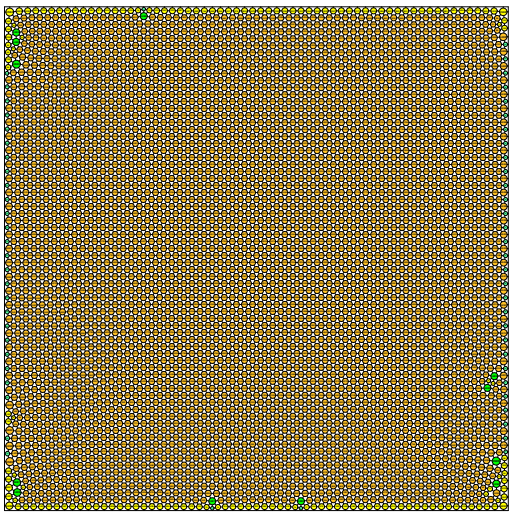
N = 4506

4506 circles in a square



sumradii = 35.954608820070 density = 0.903405344221
sumperim = 225.909469863654 contacts = 13518

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