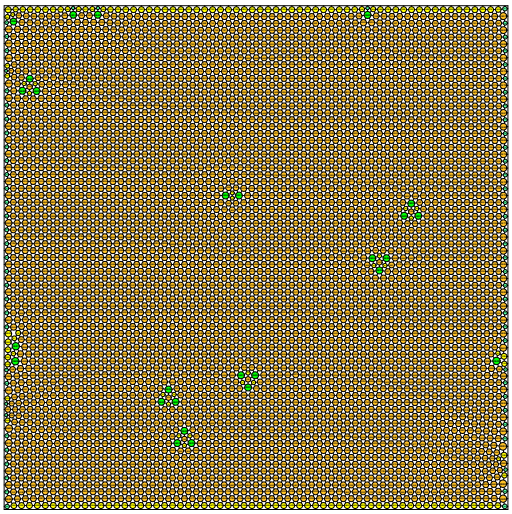
N = 4651

4651 circles in a square



sumradii = 36.522249695444 density = 0.903543025561
sumperim = 229.476062671558 contacts = 13953

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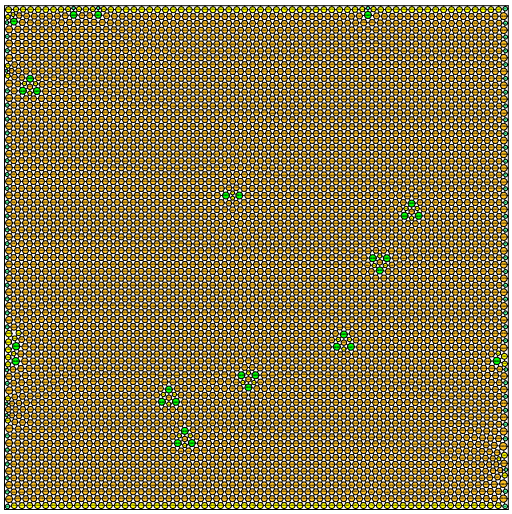
N = 4652

4652 circles in a square



sumradii = 36.524917747087 density = 0.903547689600
sumperim = 229.492826534439 contacts = 13956

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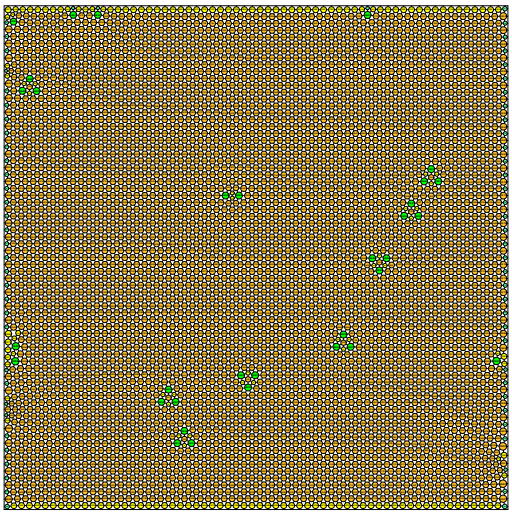
N = 4653

4653 circles in a square



sumradii = 36.527578428216 density = 0.903552395618
sumperim = 229.509544087017 contacts = 13959

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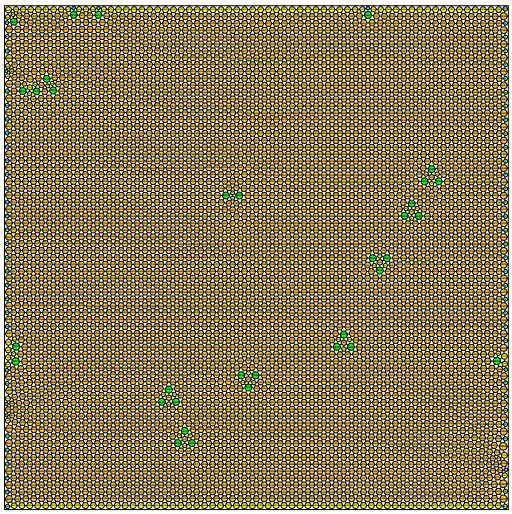
N = 4654

4654 circles in a square



sumradii = 36.530623426197 density = 0.903571814130
sumperim = 229.528676373591 contacts = 13962

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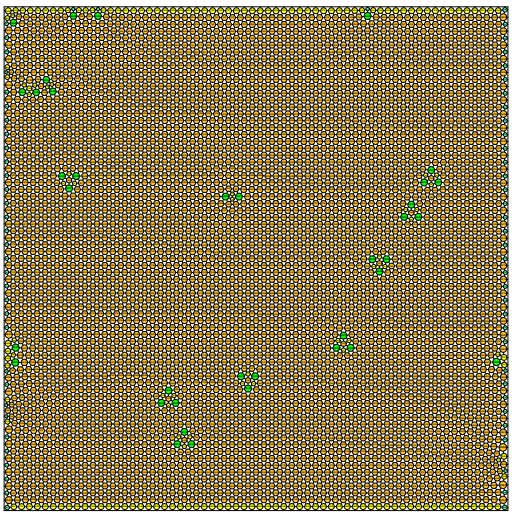
N = 4655

4655 circles in a square



sumradii = 36.533298788103 density = 0.903576526078
sumperim = 229.545486168211 contacts = 13965

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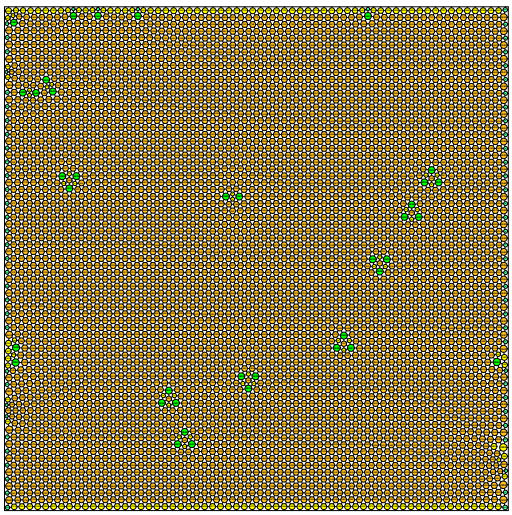
N = 4656

4656 circles in a square



sumradii = 36.536594694327 density = 0.903589036779
sumperim = 229.566194957771 contacts = 13968

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