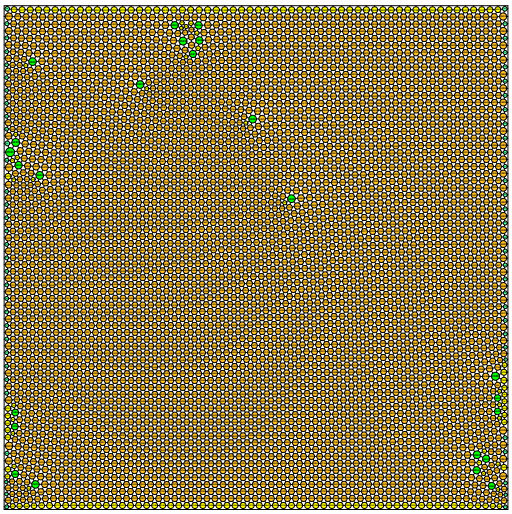
N = 4531

4531 circles in a square



sumradii = 36.031232823301 density = 0.903449595789
sumperim = 226.390912674931 contacts = 13593

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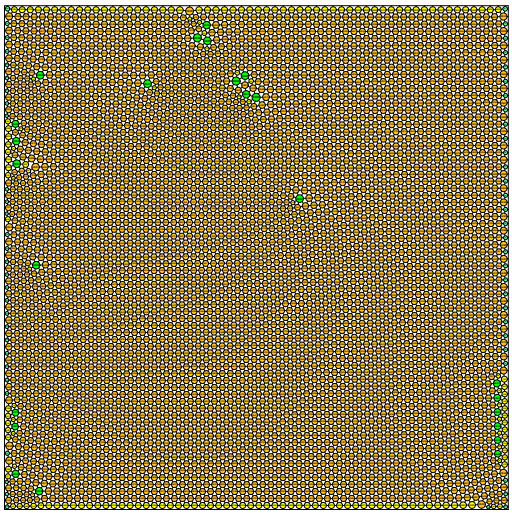
N = 4532

4532 circles in a square



sumradii = 36.036842759019 density = 0.903435628780
sumperim = 226.426160940609 contacts = 13596

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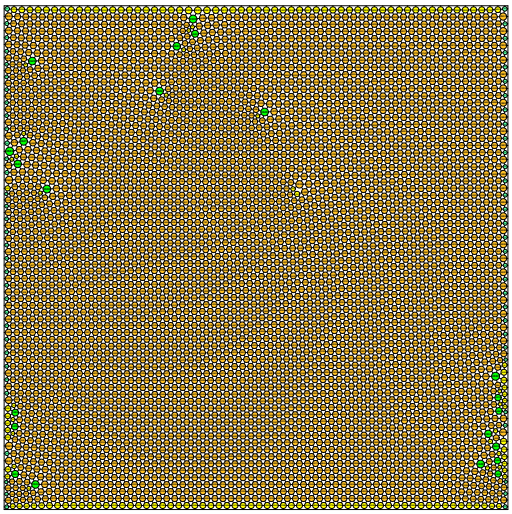
N = 4533

4533 circles in a square



sumradii = 36.040539552427 density = 0.903464038547
sumperim = 226.449388578634 contacts = 13599

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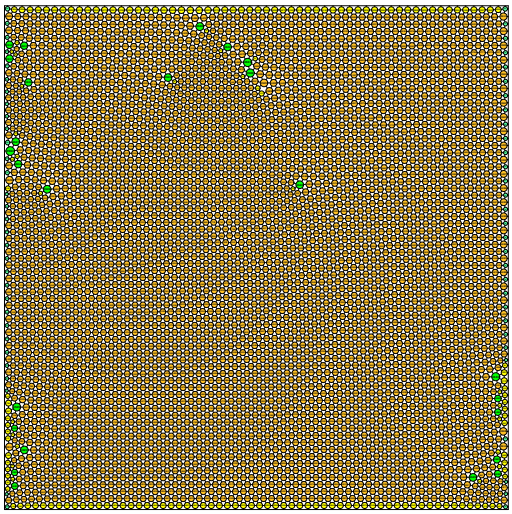
N = 4534

4534 circles in a square



sumradii = 36.040317833468 density = 0.903459170537
sumperim = 226.447995477329 contacts = 13602

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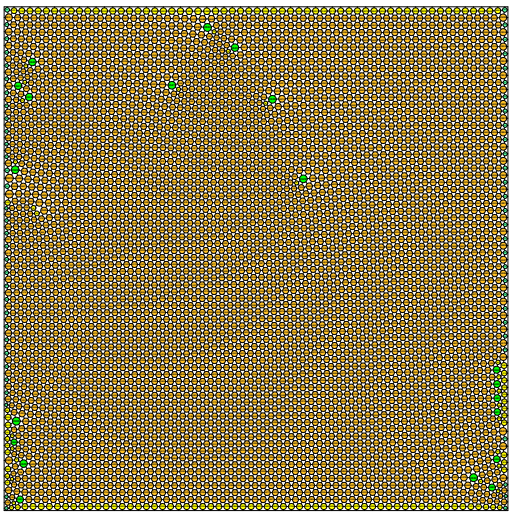
N = 4535

4535 circles in a square



sumradii = 36.047432856114 density = 0.903433264236
sumperim = 226.492700483077 contacts = 13605

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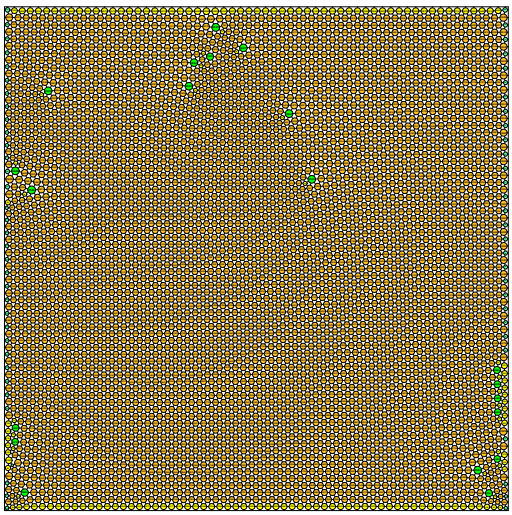
N = 4536

4536 circles in a square



sumradii = 36.053075908288 density = 0.903450683417
sumperim = 226.528156825586 contacts = 13608

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