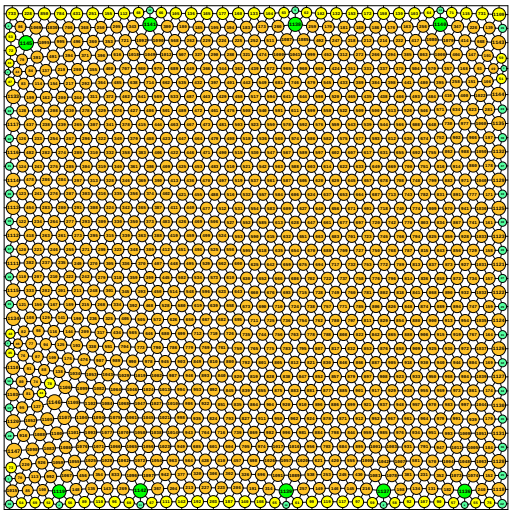
N = 1147

1147 circles in a square



sumradii = 18.068781380351 density = 0.900515259866
sumperim = 113.529501687661 contacts = 3441

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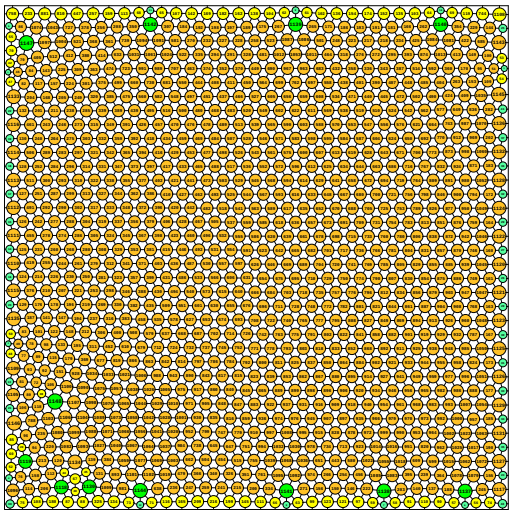
N = 1148

1148 circles in a square



sumradii = 18.076575735786 density = 0.900521342423
sumperim = 113.578475067209 contacts = 3444

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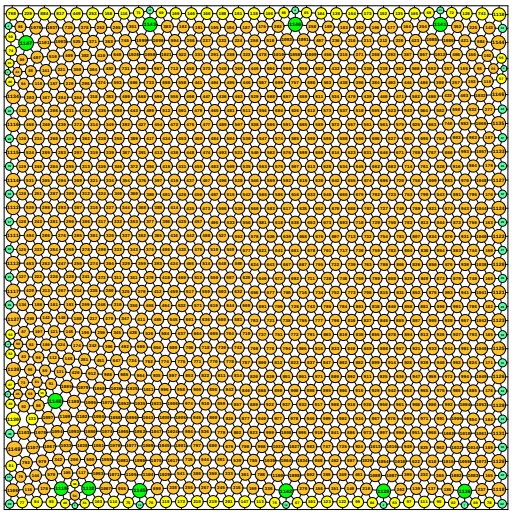
N = 1149

1149 circles in a square



sumradii = 18.081458847996 density = 0.900516194831
sumperim = 113.609156566101 contacts = 3447

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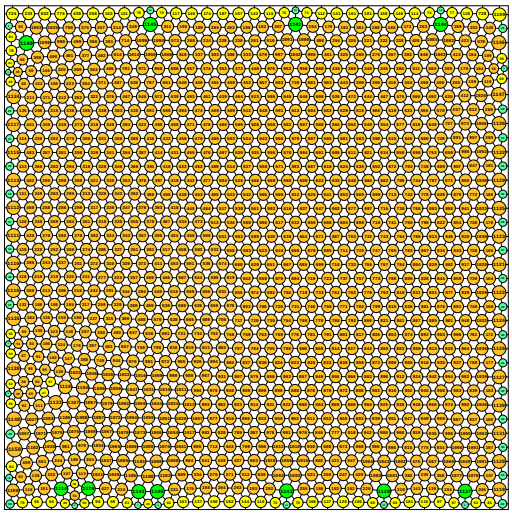
N = 1150

1150 circles in a square



sumradii = 18.086284869155 density = 0.900513332561
sumperim = 113.639479351339 contacts = 3450

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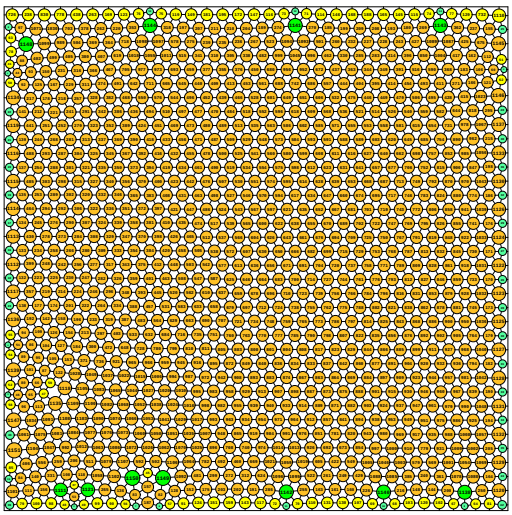
N = 1151

1151 circles in a square



sumradii = 18.093426627403 density = 0.900525721065
sumperim = 113.684352341830 contacts = 3453

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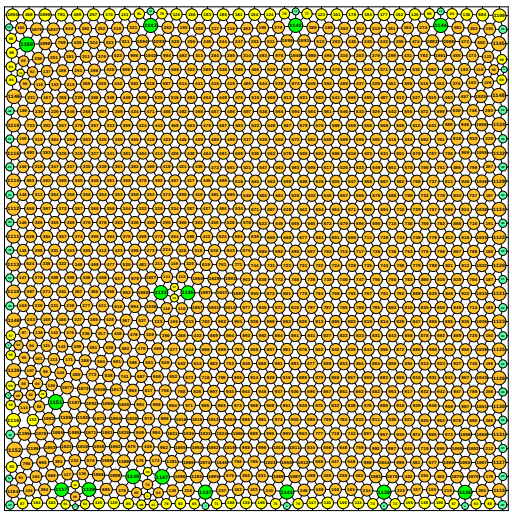
N = 1152

1152 circles in a square



sumradii = 18.100638066747 density = 0.900536040655
sumperim = 113.729663151560 contacts = 3456

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