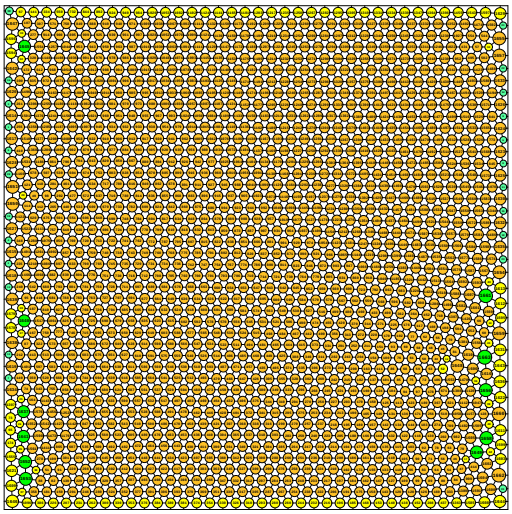
# N = 1663

**1663 circles in a square**



sumradii = 21.794279144481 density = 0.900816650385
sumperim = 136.937494501174 contacts = 4989

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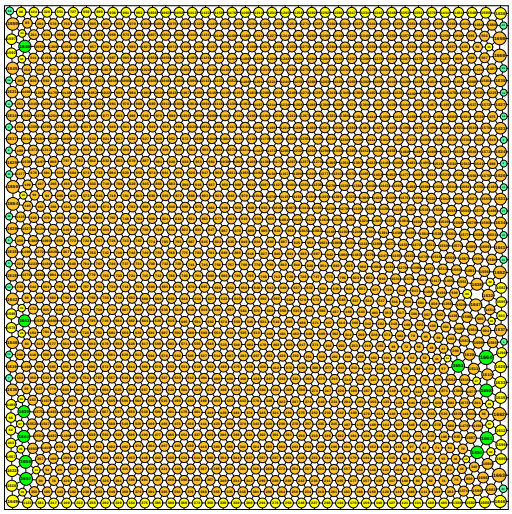
# N = 1664

**1664 circles in a square**



sumradii = 21.800855786490 density = 0.900771356733
sumperim = 136.978816761615 contacts = 4992

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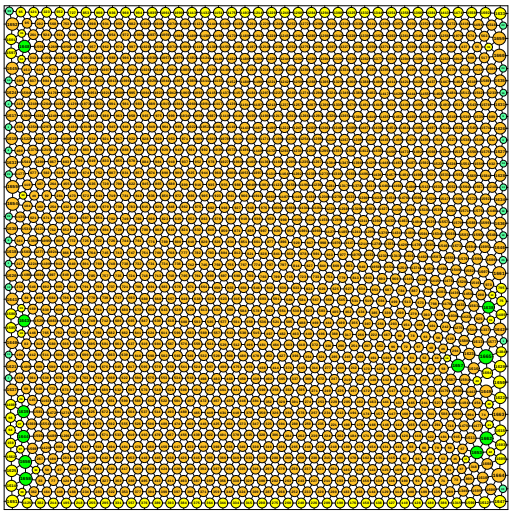
# N = 1665

**1665 circles in a square**



sumradii = 21.808409533113 density = 0.900799395613
sumperim = 137.026278351411 contacts = 4995

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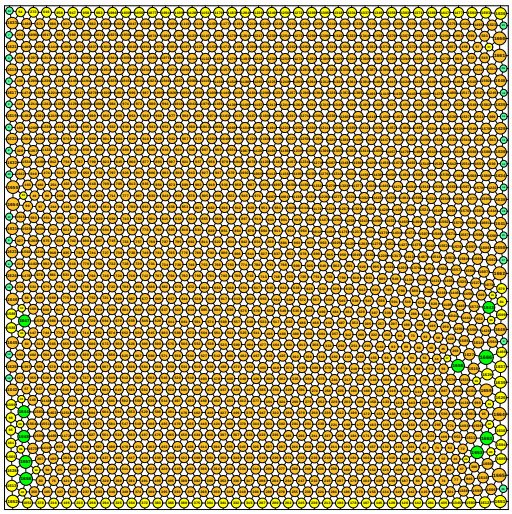
# N = 1666

**1666 circles in a square**



sumradii = 21.815672875499 density = 0.900909849633
sumperim = 137.071915277572 contacts = 4998

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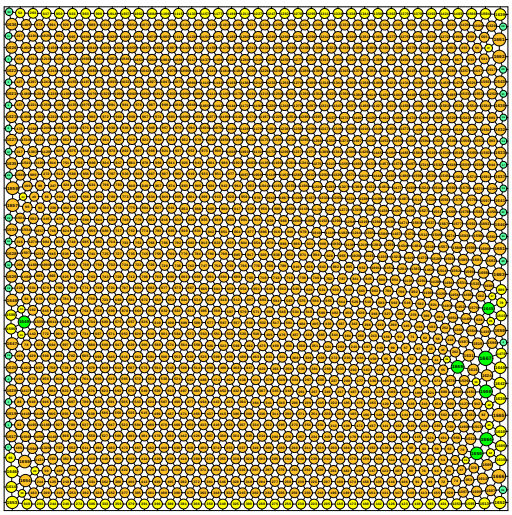
# N = 1667

**1667 circles in a square**



sumradii = 21.821607551882 density = 0.900883932556
sumperim = 137.109203949024 contacts = 5001

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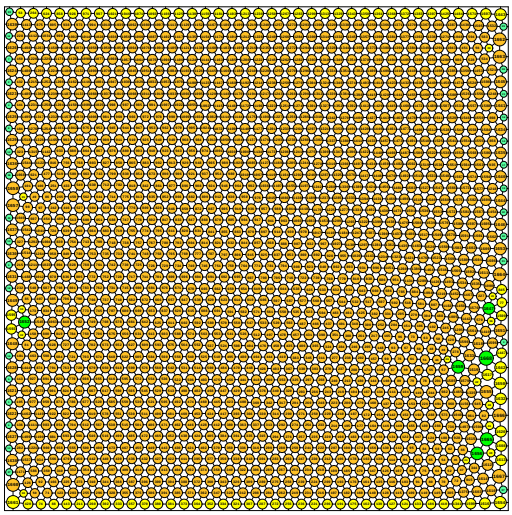
# N = 1668

**1668 circles in a square**



sumradii = 21.828893592411 density = 0.900916677089
sumperim = 137.154983491823 contacts = 5004

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