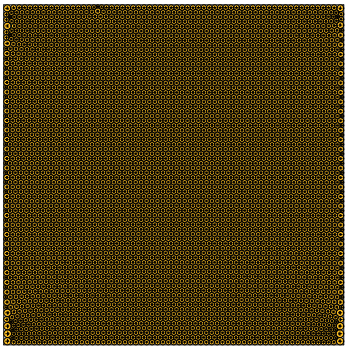
N = 4501

4501 circles in a square

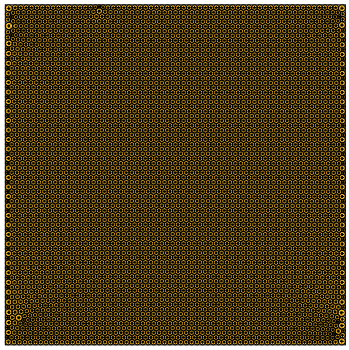


sumradii = 35.934642964719 density = 0.903345160130
sumperim = 225.784028694665 contacts = 13503

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N = 4502

4502 circles in a square

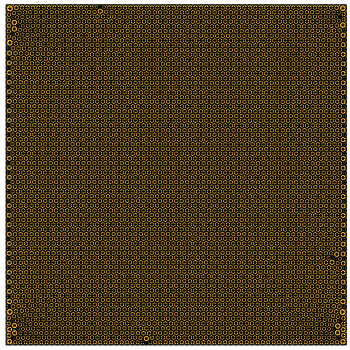


sumradii = 35.941319159239 density = 0.903400182627
sumperim = 225.825968461985 contacts = 13506

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N = 4503

4503 circles in a square

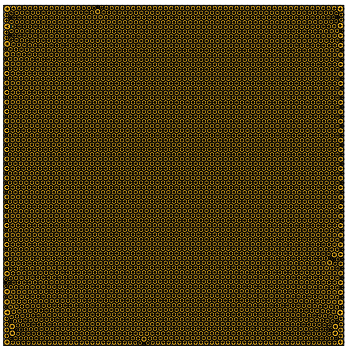


sumradii = 35.944162169128 density = 0.903382577841
sumperim = 225.843831619948 contacts = 13509

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N = 4504

4504 circles in a square

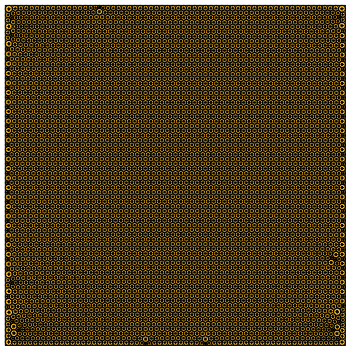


sumradii = 35.947681645296 density = 0.903383462997
sumperim = 225.865945140890 contacts = 13512

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N = 4505

4505 circles in a square

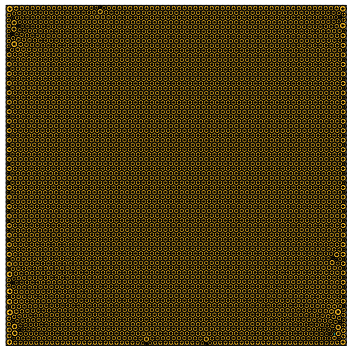


sumradii = 35.951009340397 density = 0.903388920469
sumperim = 225.886853665860 contacts = 13515

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N = 4506

4506 circles in a square

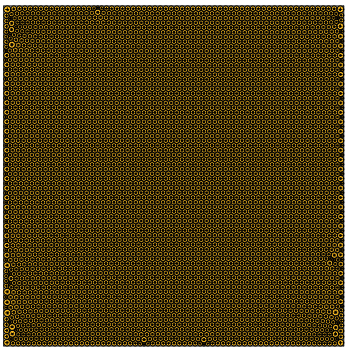


sumradii = 35.954608820061 density = 0.903405344221
sumperim = 225.909469863599 contacts = 13518

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N = 4507

4507 circles in a square

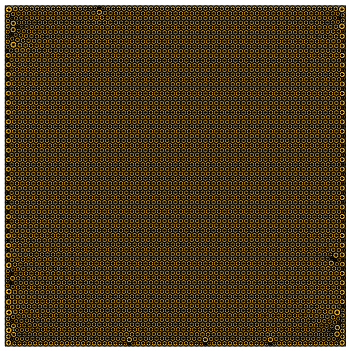


sumradii = 35.958926461481 density = 0.903430428203
sumperim = 225.936598404726 contacts = 13521

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N = 4508

4508 circles in a square

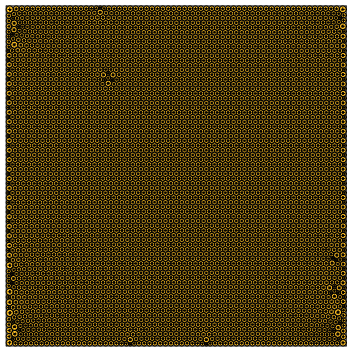


sumradii = 35.961821048725 density = 0.903407993293
sumperim = 225.954785632768 contacts = 13524

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N = 4509

4509 circles in a square

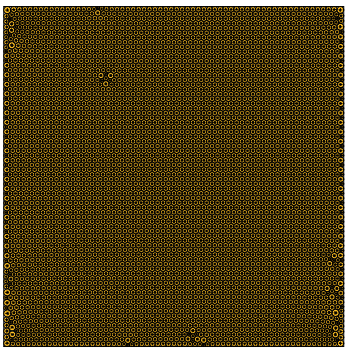


sumradii = 35.964405893531 density = 0.903436689233
sumperim = 225.971026691680 contacts = 13527

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N = 4510

4510 circles in a square

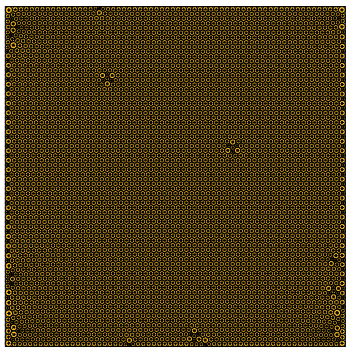


sumradii = 35.967083325621 density = 0.903438927055
sumperim = 225.987849493648 contacts = 13530

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N = 4511

4511 circles in a square

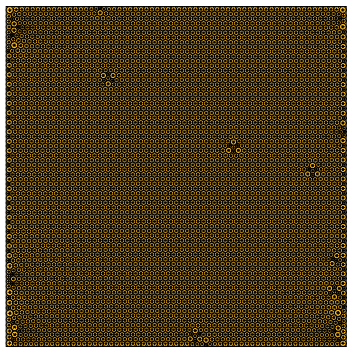


sumradii = 35.969791155977 density = 0.903443727887
sumperim = 226.004863293556 contacts = 13533

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N = 4512

4512 circles in a square



sumradii = 35.972608888892 density = 0.903424930366
sumperim = 226.022567631601 contacts = 13536

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