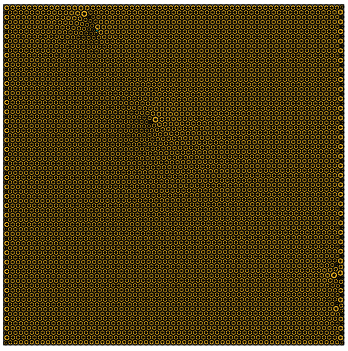
N = 4453

4453 circles in a square



sumradii = 35.741127196606 density = 0.903406688854
sumperim = 224.568125263749 contacts = 13359

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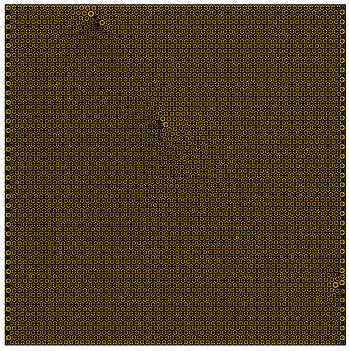
N = 4454

4454 circles in a square



sumradii = 35.745700594974 density = 0.903403726106
sumperim = 224.596860773183 contacts = 13362

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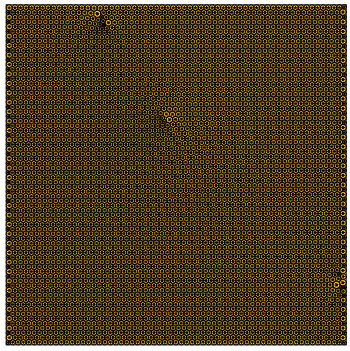
N = 4455

4455 circles in a square



sumradii = 35.749724837828 density = 0.903403838556
sumperim = 224.622145836755 contacts = 13365

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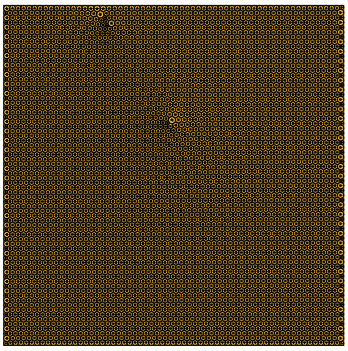
N = 4456

4456 circles in a square



sumradii = 35.755363488799 density = 0.903427510326
sumperim = 224.657574525688 contacts = 13368

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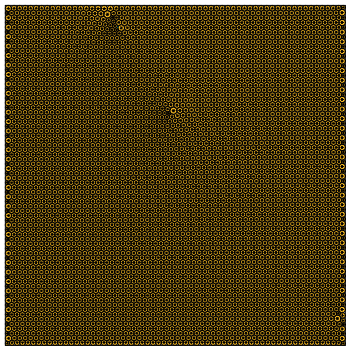
N = 4457

4457 circles in a square



sumradii = 35.758698116548 density = 0.903409240165
sumperim = 224.678526609763 contacts = 13371

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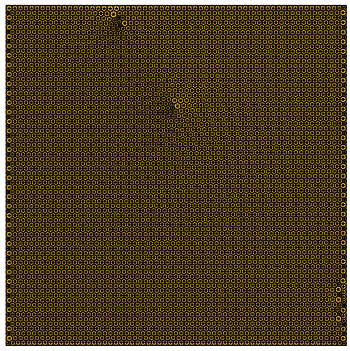
N = 4458

4458 circles in a square



sumradii = 35.762435188000 density = 0.903402984406
sumperim = 224.702007322205 contacts = 13374

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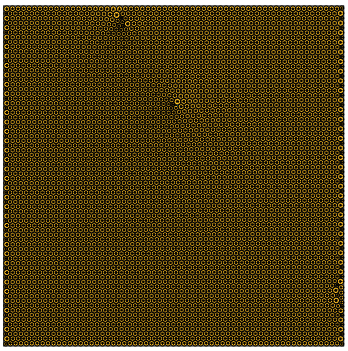
N = 4459

4459 circles in a square



sumradii = 35.766876235179 density = 0.903416650327
sumperim = 224.729911244586 contacts = 13377

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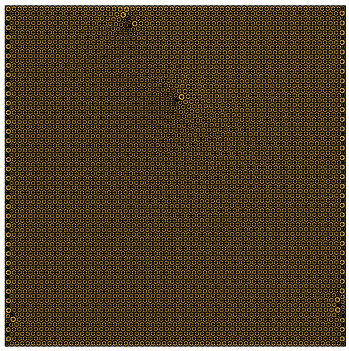
N = 4460

4460 circles in a square



sumradii = 35.770489446218 density = 0.903403710959
sumperim = 224.752613719101 contacts = 13380

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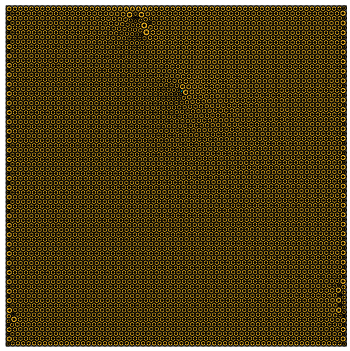
N = 4461

4461 circles in a square



sumradii = 35.772721408229 density = 0.903403630264
sumperim = 224.766637550015 contacts = 13383

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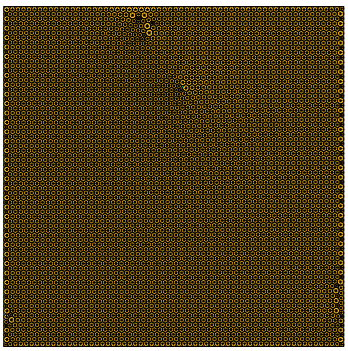
N = 4462

4462 circles in a square



sumradii = 35.776727515687 density = 0.903403869907
sumperim = 224.791808665531 contacts = 13386

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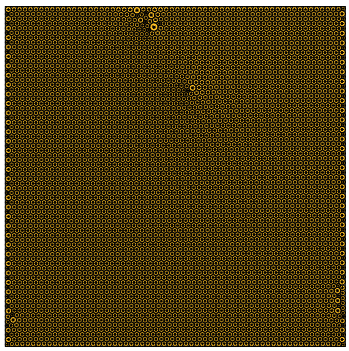
N = 4463

4463 circles in a square



sumradii = 35.781172867445 density = 0.903434326152
sumperim = 224.819739634383 contacts = 13389

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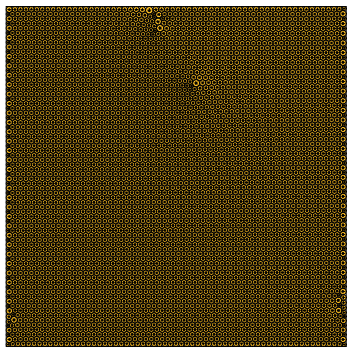
N = 4464

4464 circles in a square



sumradii = 35.785967074805 density = 0.903419488498
sumperim = 224.849862527627 contacts = 13392

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