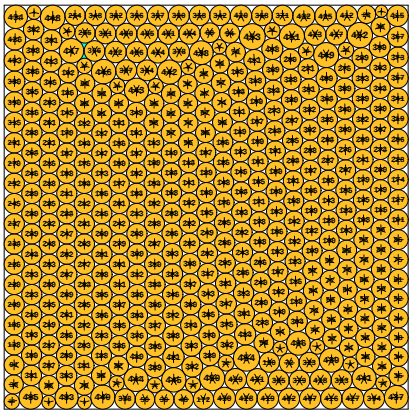
N = 454

454 circles in a square



sumradii = 11.339991901624 density = 0.895393604325
sumperim = 71.251270499819 contacts = 1362

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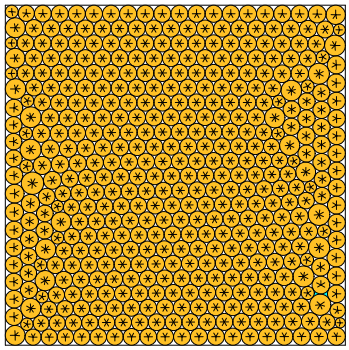
N = 455

455 circles in a square



sumradii = 11.352983800913 density = 0.895402652109
sumperim = 71.332901010544 contacts = 1365

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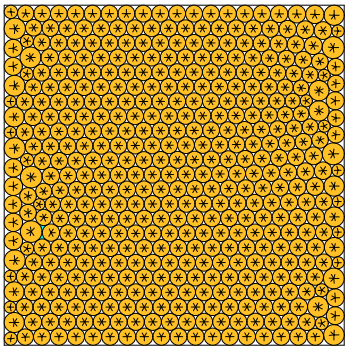
N = 456

456 circles in a square



sumradii = 11.365615916869 density = 0.895397821967
sumperim = 71.412270935916 contacts = 1368

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