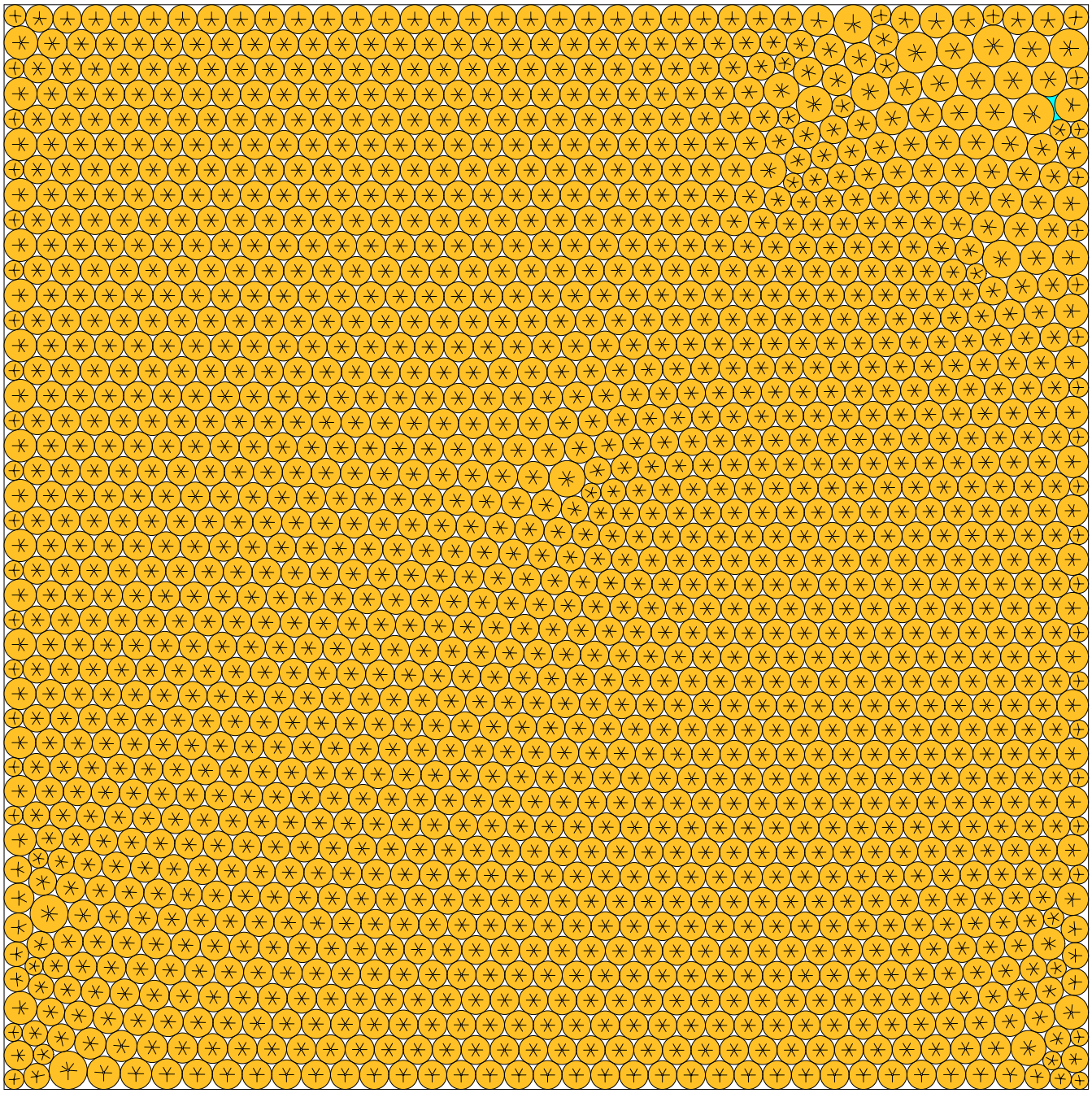
# 1647 circles in a square



**sumradii = 21.671285768578 density = 0.901198637153**
**sumperim = 136.164704328821 contacts = 4941**

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