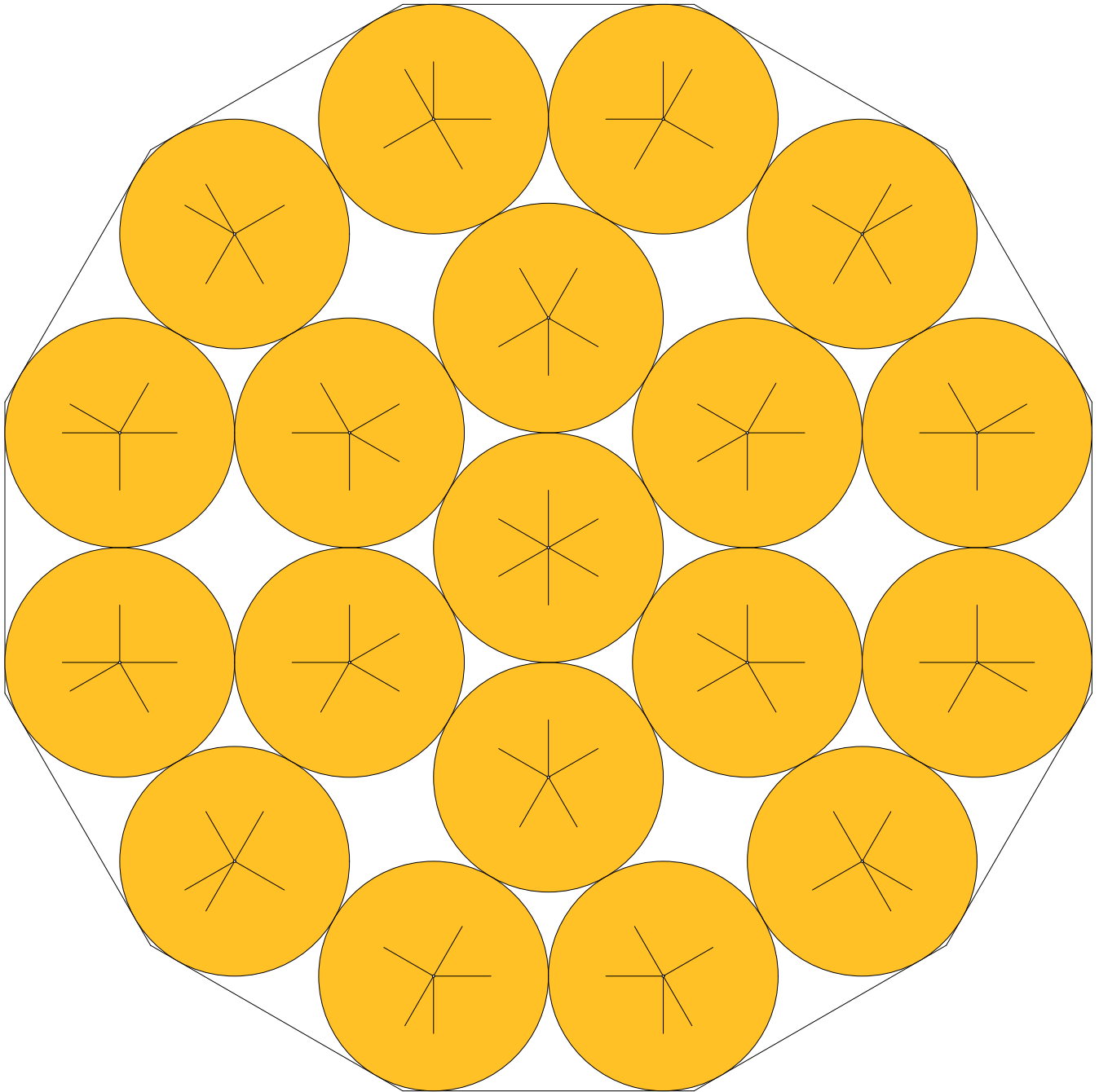


# 19 circles in a dodecagon



**radius = 0.204124145232**      **density = 0.829031394697**  
**ratio = 4.898979485566**      **contacts = 60**

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