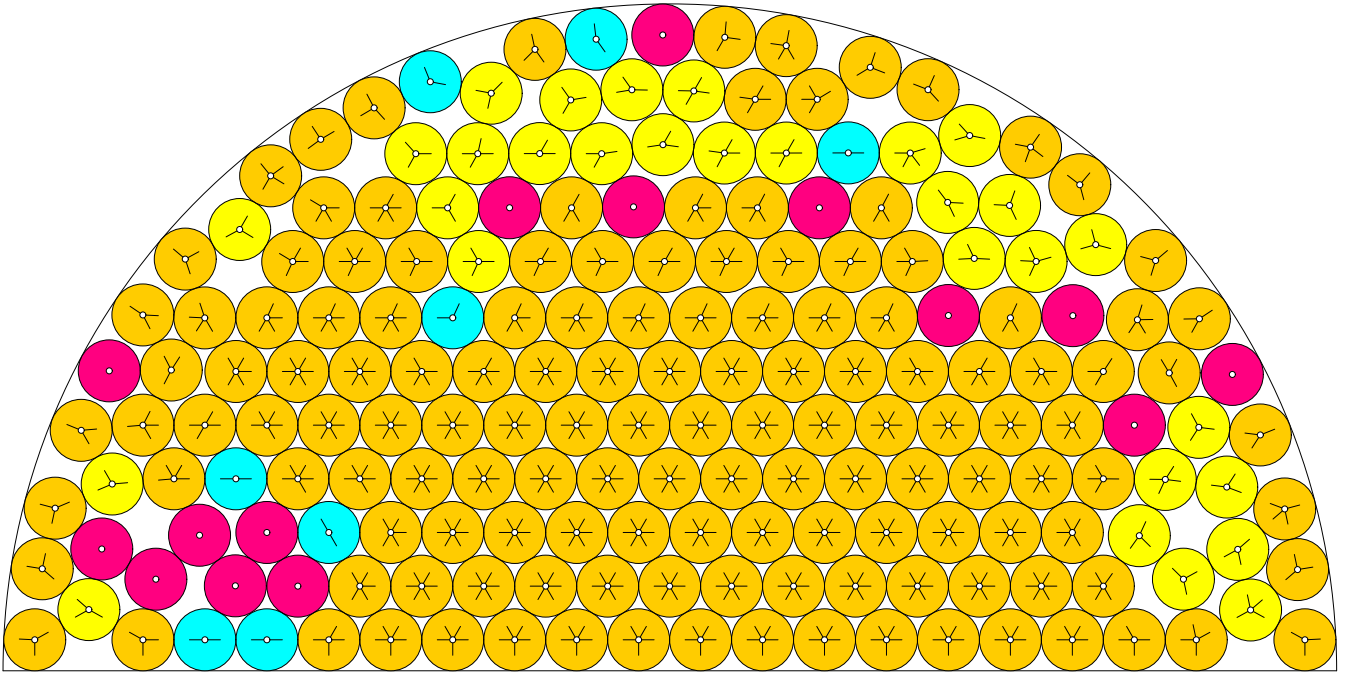


## 195 circles in a semicircle



**radius = 0.046459661362      density = 0.841815052200**  
**ratio = 21.524048404358      contacts = 420**

© E.SPECHT &  
D.A.PATERSON  
21-MAR-2011