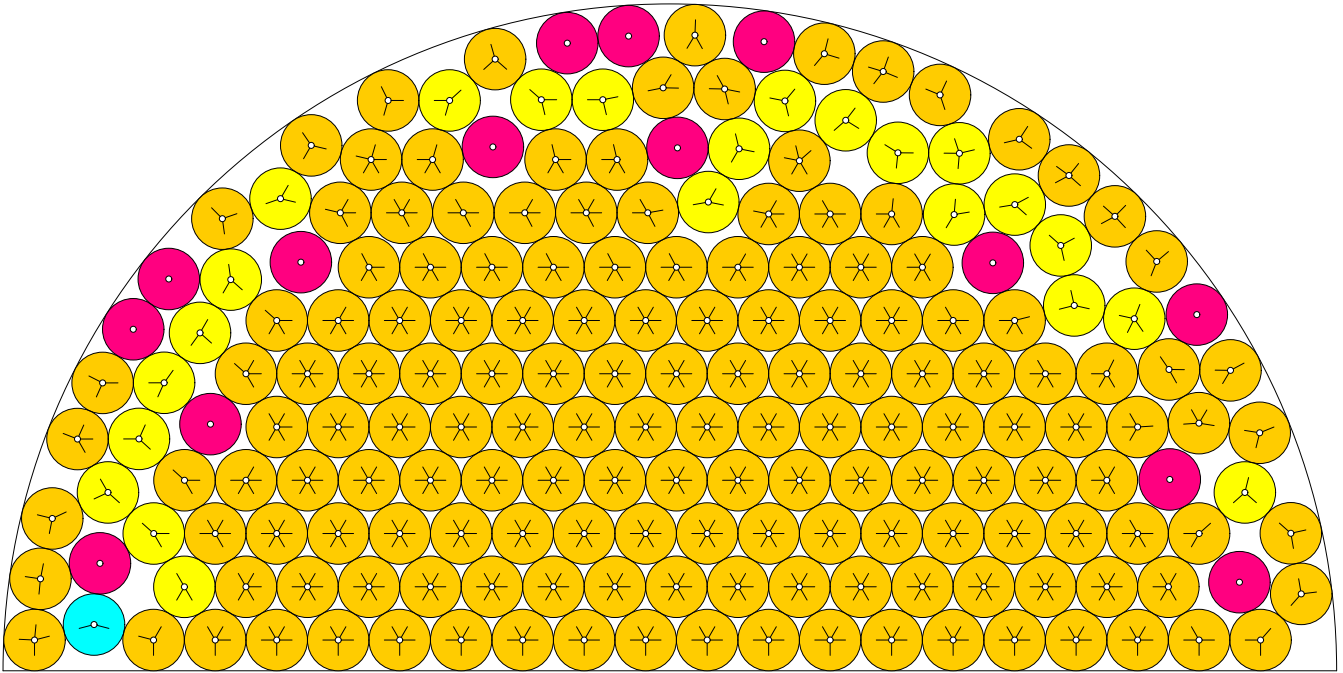


## 198 circles in a semicircle



radius = 0.046108443314  
ratio = 21.688001765559

density = 0.841891463755  
contacts = 462

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21-MAR-2011