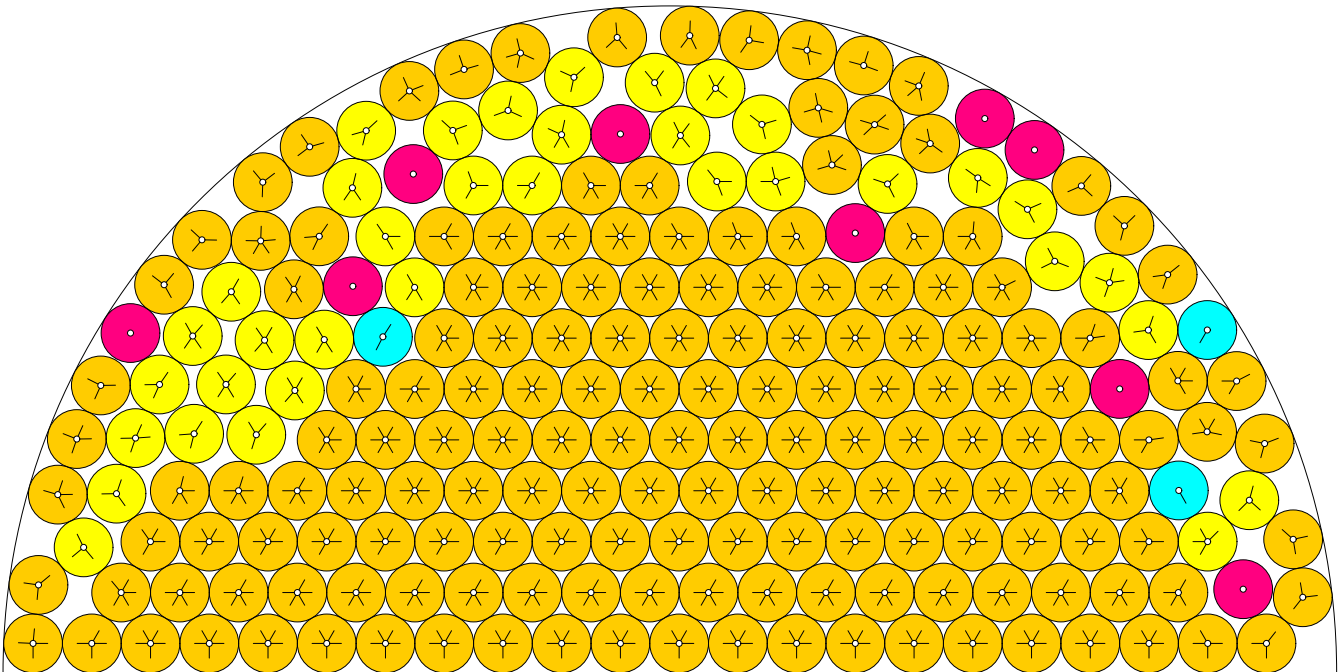


## 218 circles in a semicircle



radius = 0.044040449150  
ratio = 22.706398760810

density = 0.845648666333  
contacts = 501

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