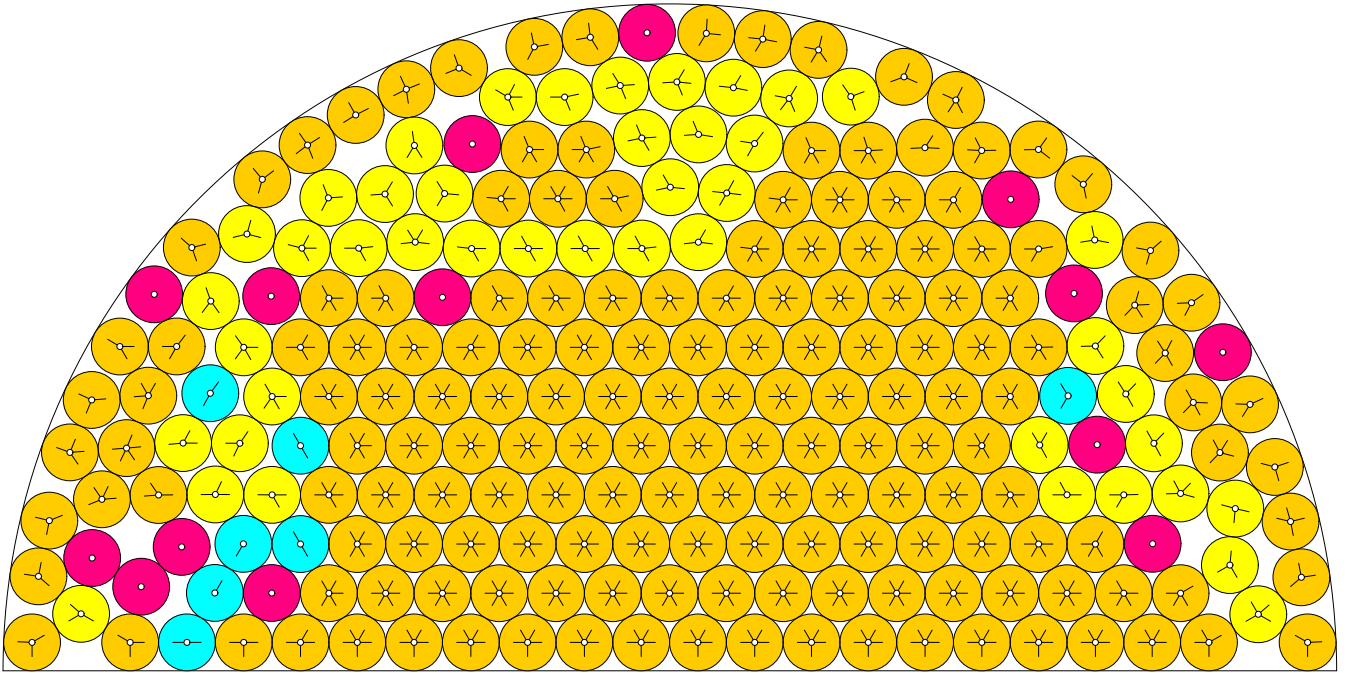


## 234 circles in a semicircle



radius = 0.042575012883      density = 0.848311645899  
ratio = 23.487955311785      contacts = 523

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