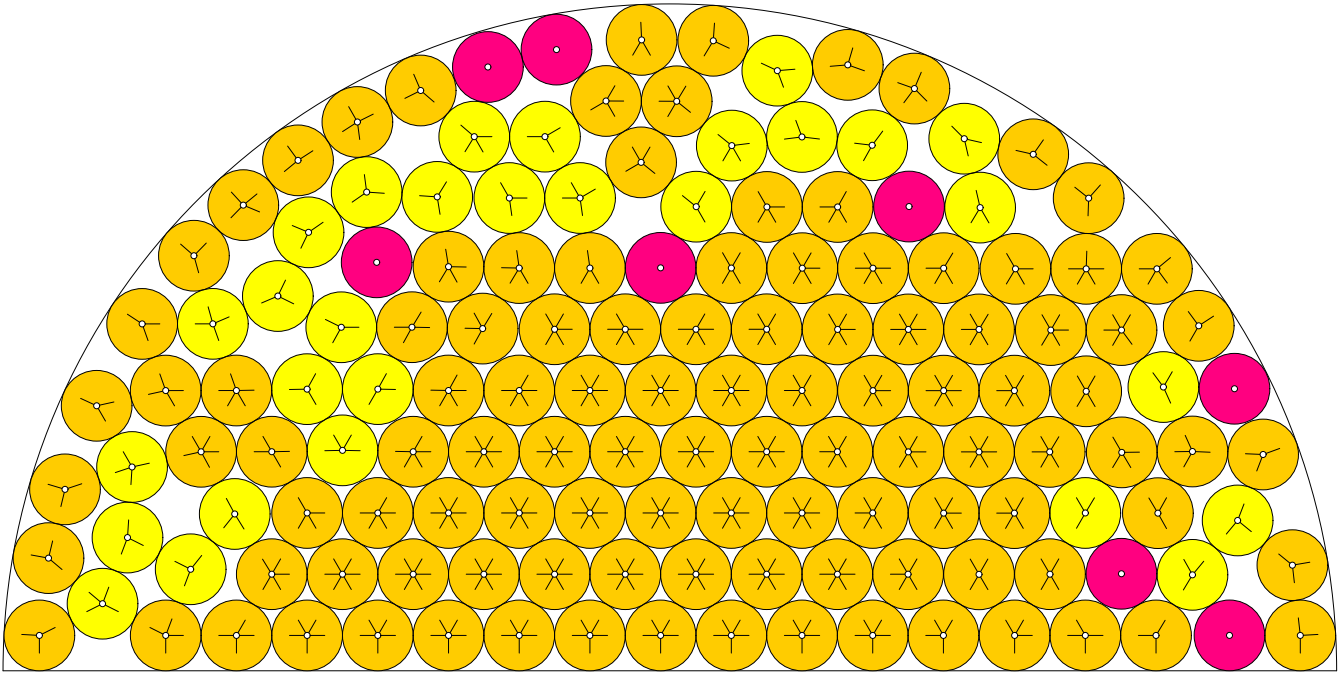


## 148 circles in a semicircle



radius = 0.053013007220  
ratio = 18.863295112821

density = 0.831872164599  
contacts = 322

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