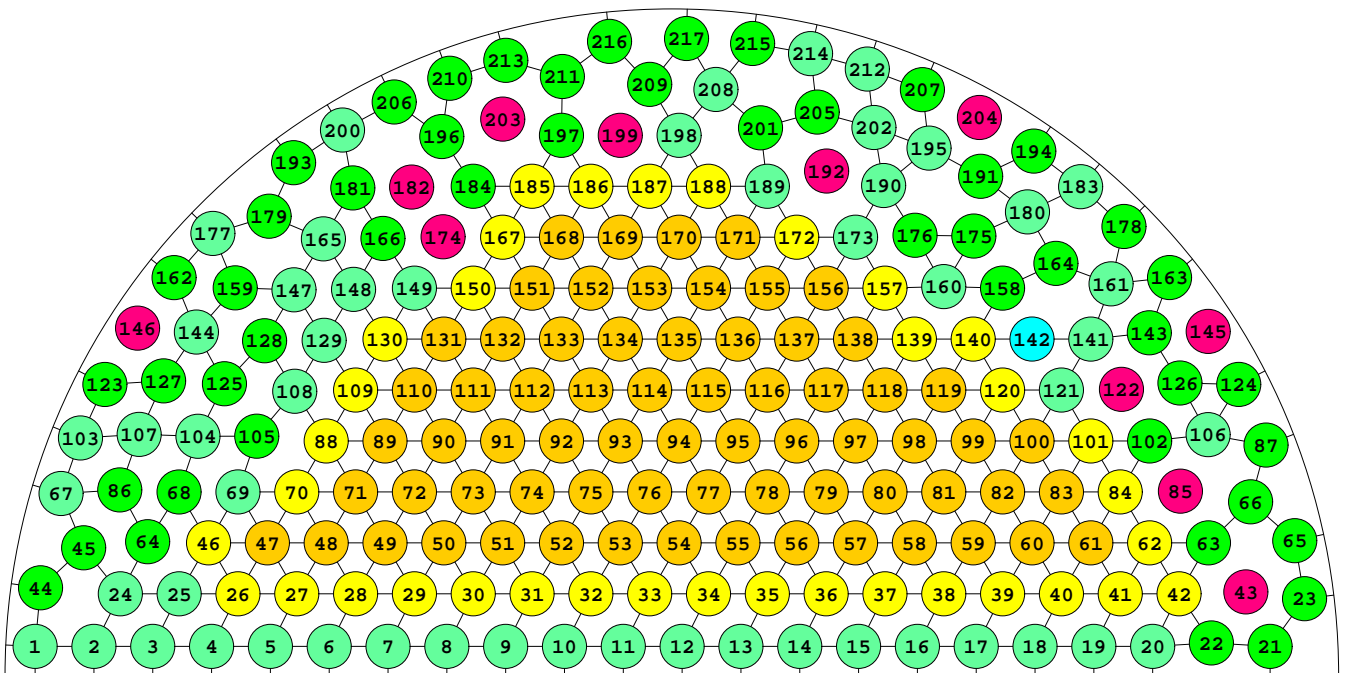


## 217 circles in a semicircle



radius = 0.044104656298  
ratio = 22.673342997030

density = 0.844225786891  
contacts = 496

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