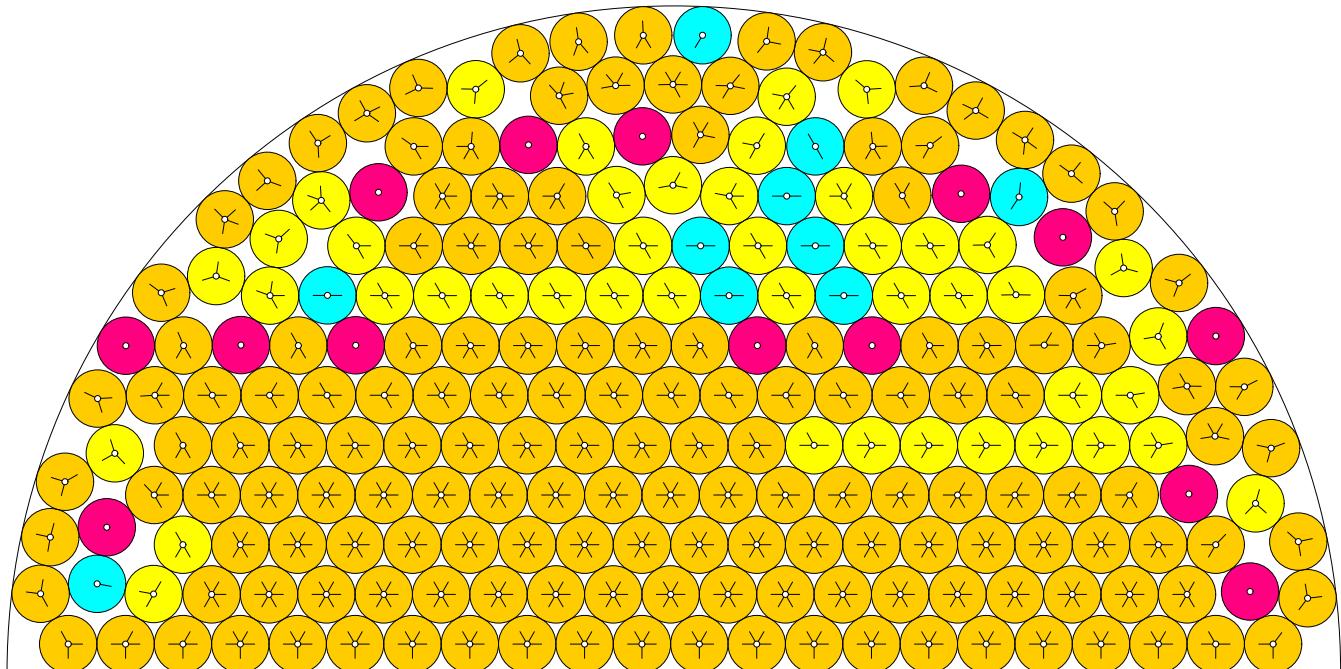


229 circles in a semicircle



**radius = 0.043023577180
ratio = 23.243069626958**

**density = 0.847770912568
contacts = 484**

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