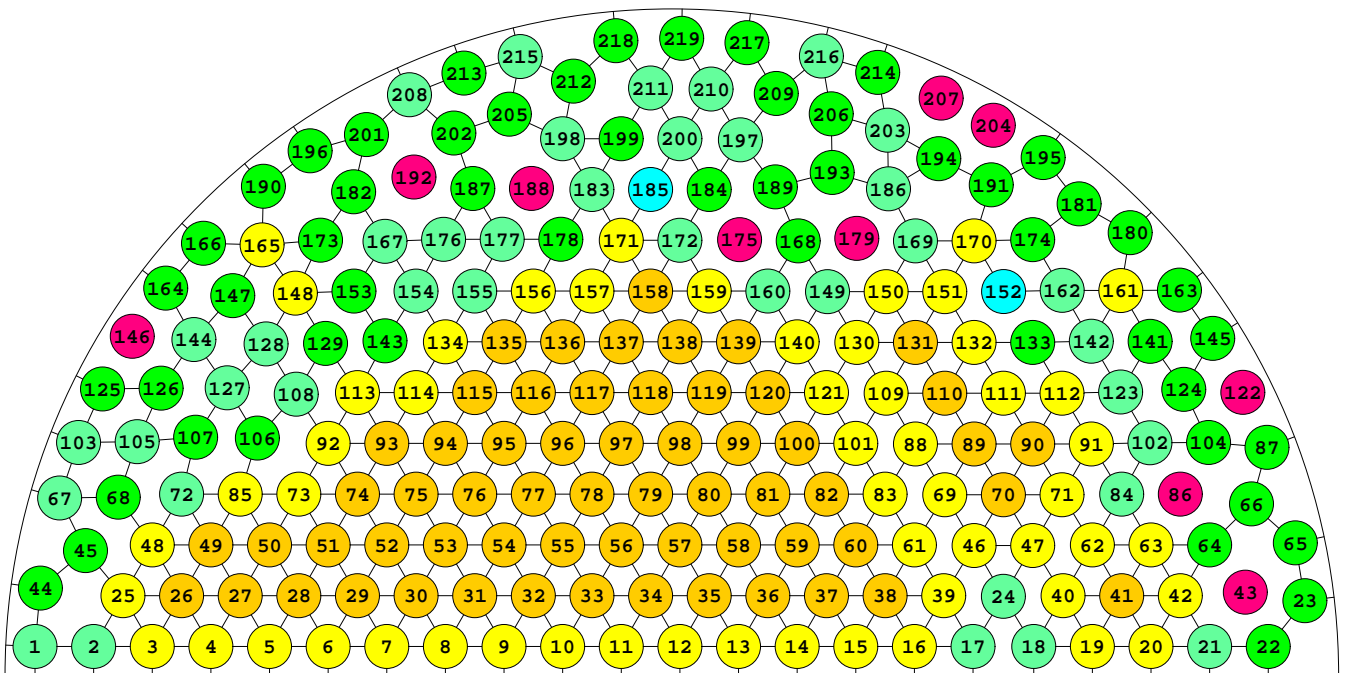


219 circles in a semicircle



radius = 0.043960522488
ratio = 22.747682315965

density = 0.846447061388
contacts = 500

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21-MAR-2011