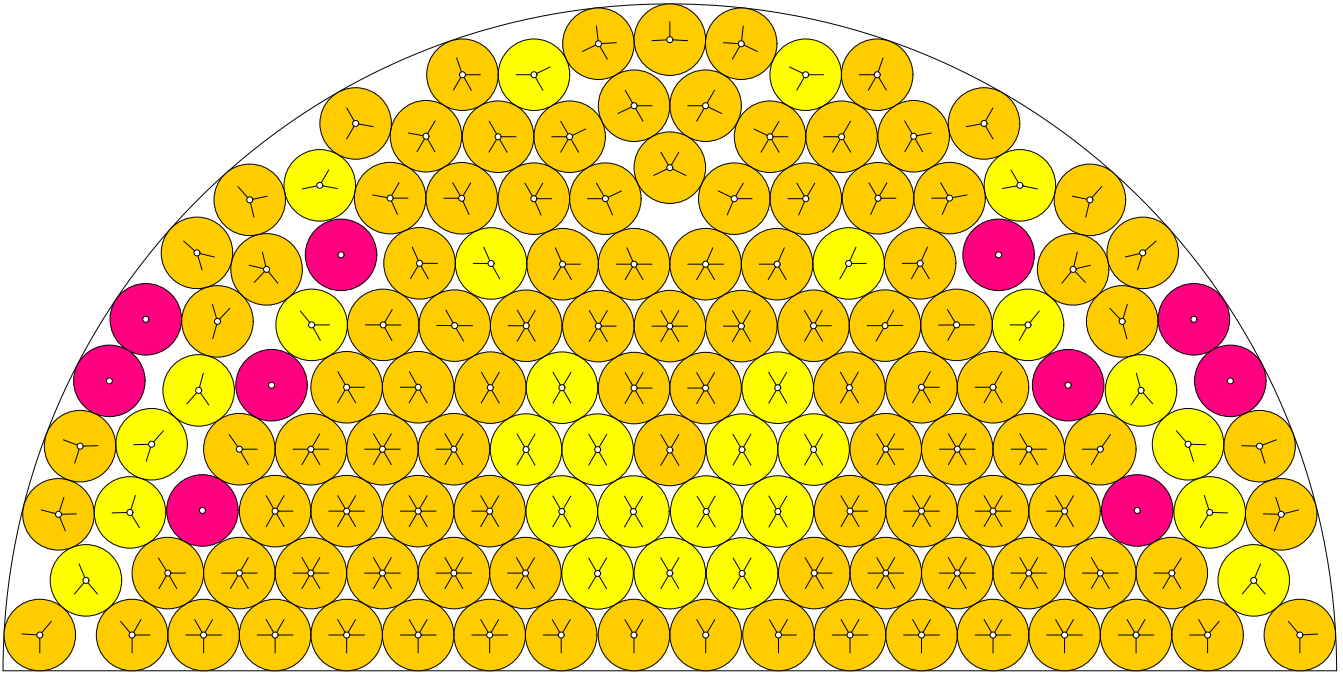


145 circles in a semicircle



radius = 0.053625624712
ratio = 18.647801407733

density = 0.833955211477
contacts = 300

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21-MAR-2011