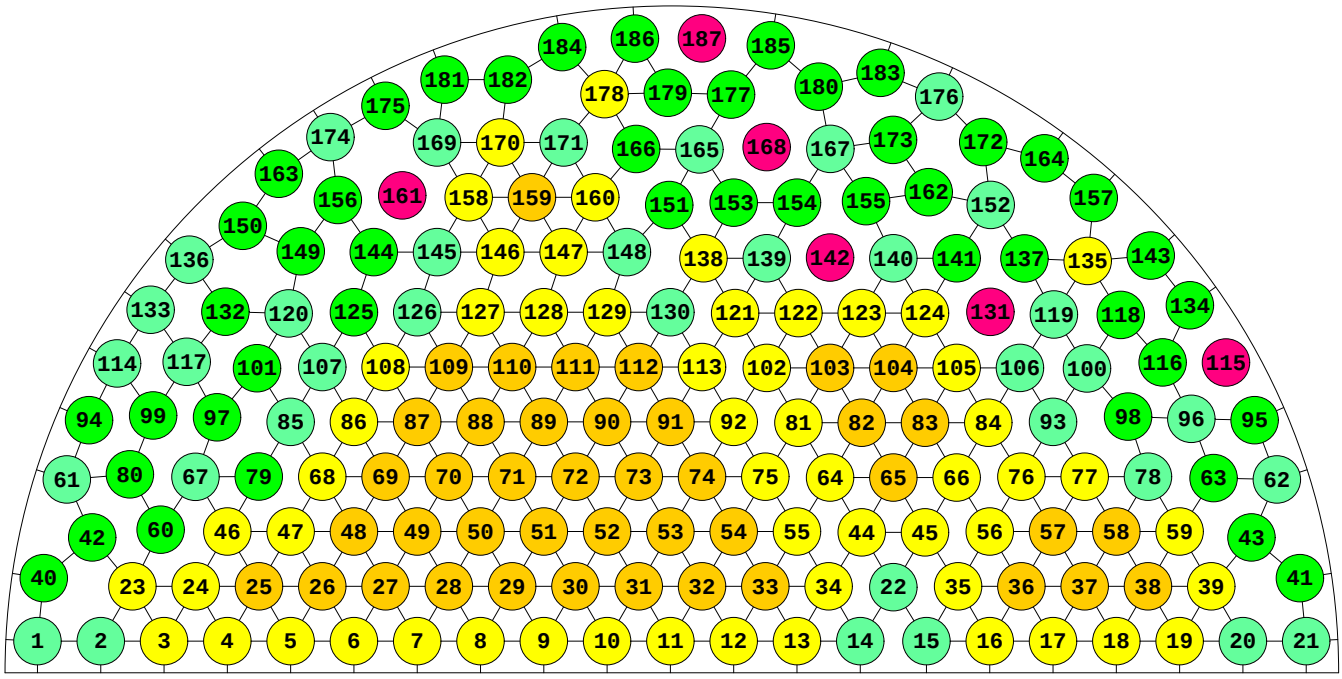
187 circles in a semicircle



radius = 0.047459686749 density = 0.842405777988
ratio = 21.070514124890 contacts = 431

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