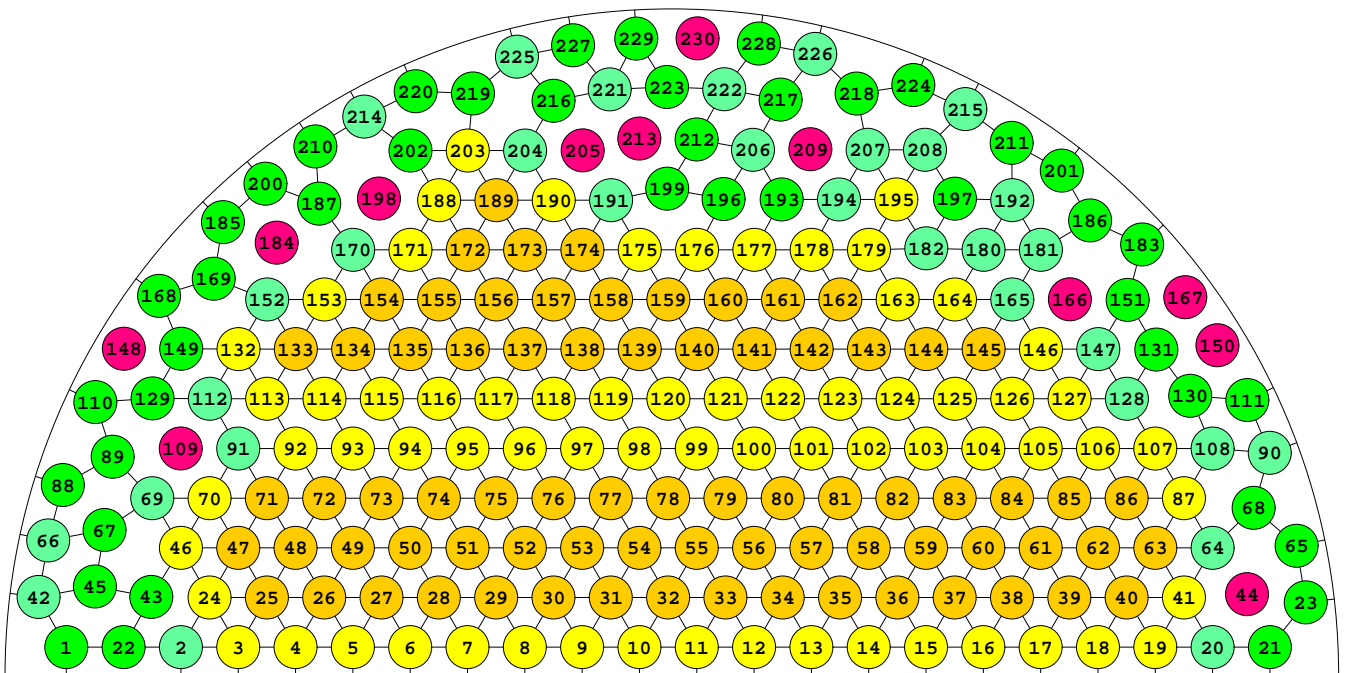


230 circles in a semicircle



radius = 0.042978286378 density = 0.849681225984
ratio = 23.267563327483 contacts = 545

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