455 circles in a circular quadrant
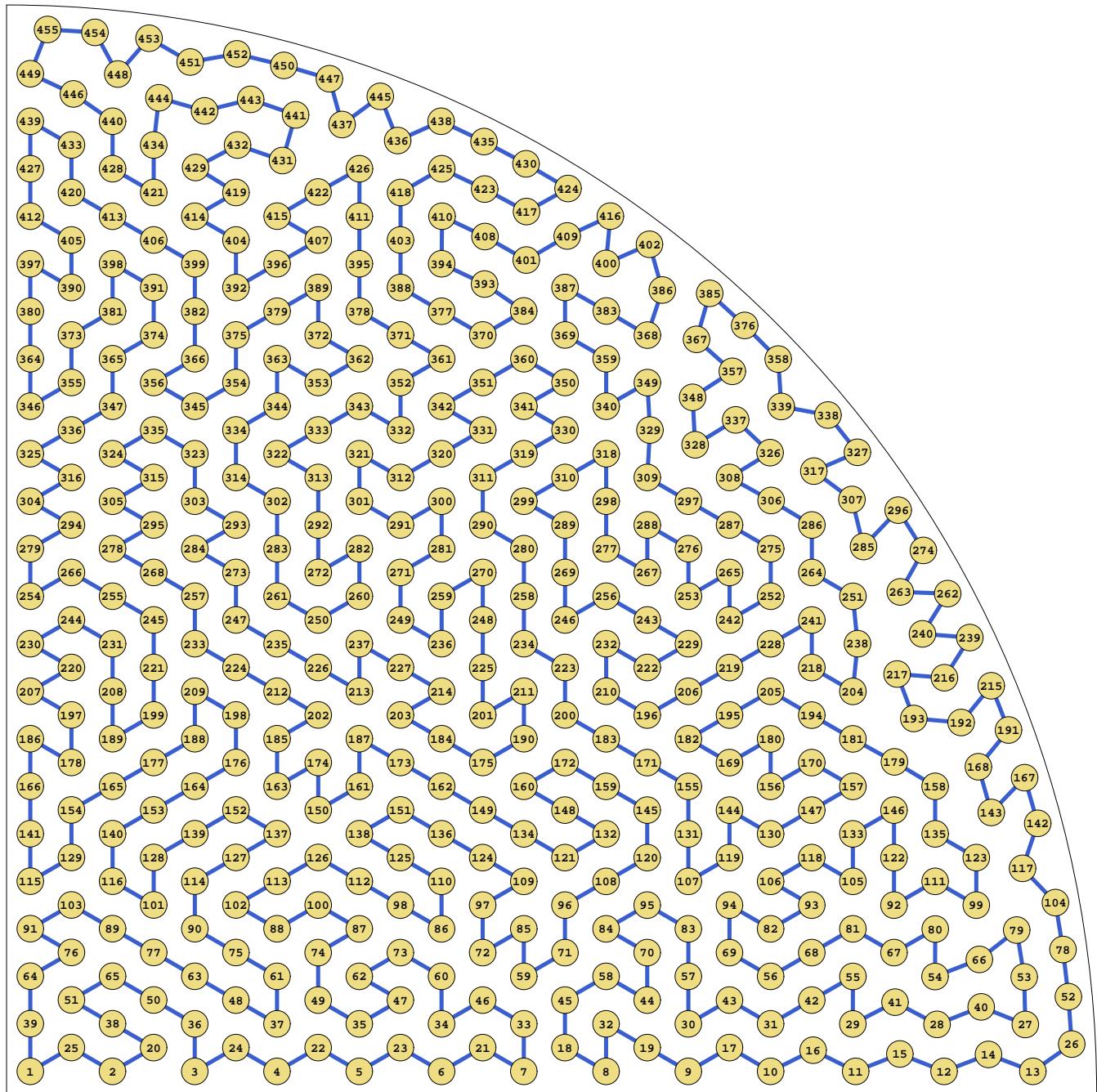
radius   =   0.021784715024   density   = 0.863724331764
ratio   =   45.903744846537   length   =   19.831950