170 circles in a circular quadrant
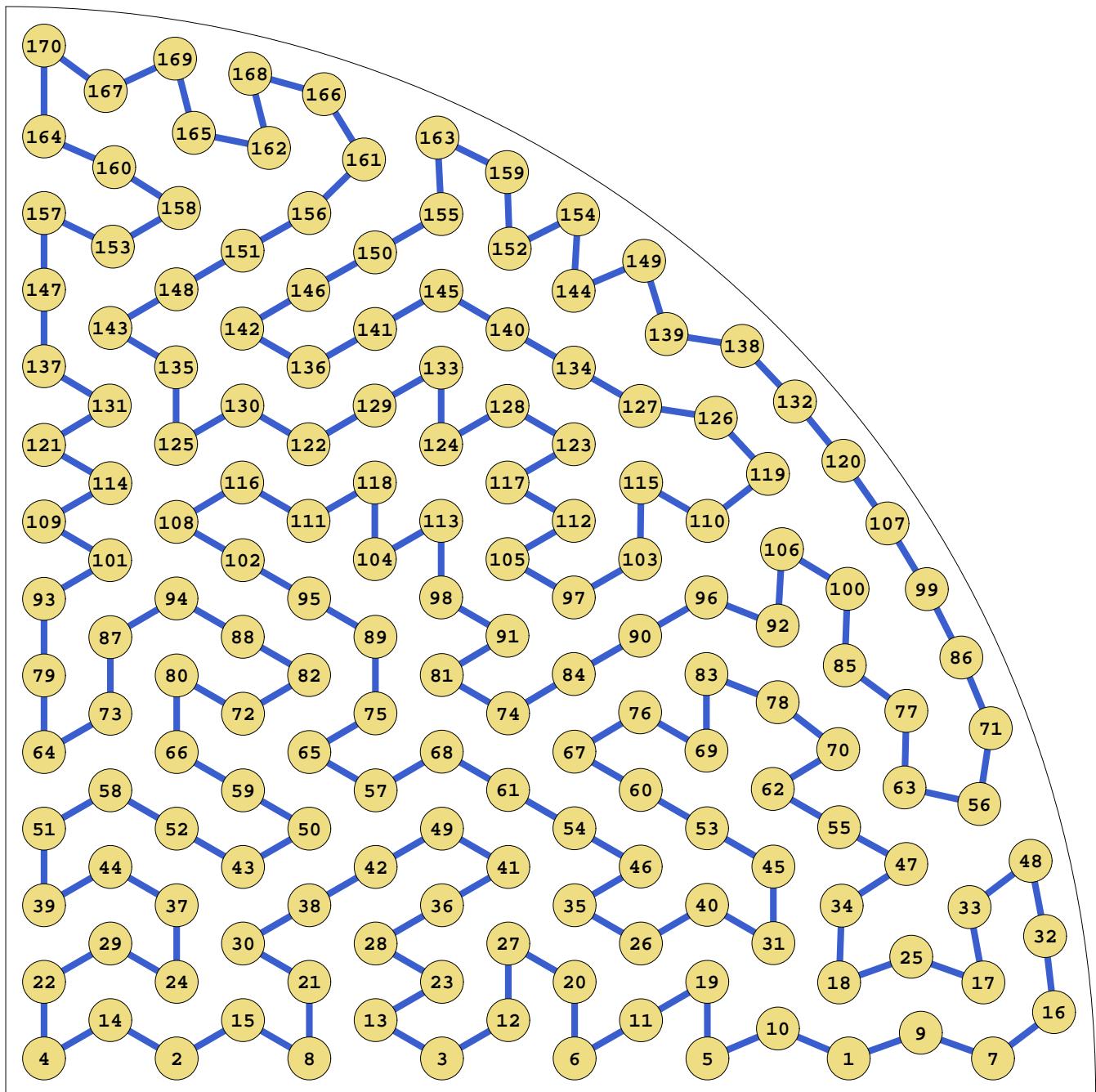
radius =   0.035131504327   **density = 0.839271365470**

ratio   = 28.464479934911   **length   = 11.959512**