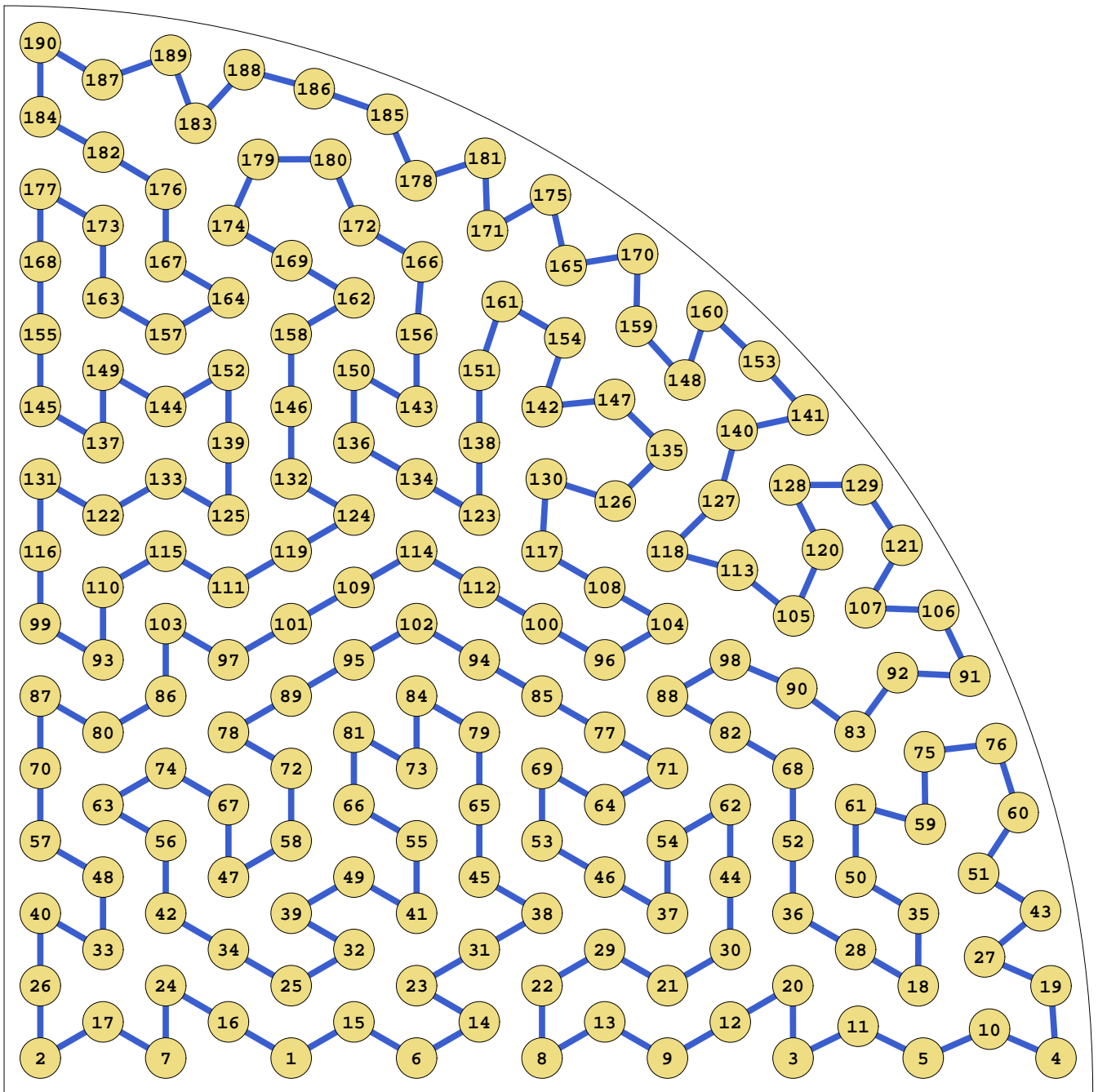# 190 circles in a circular quadrant

radius   =   0.033258216028   **density   = 0.840642789342**
ratio   = 30.067758269642   **length   = 12.646114**