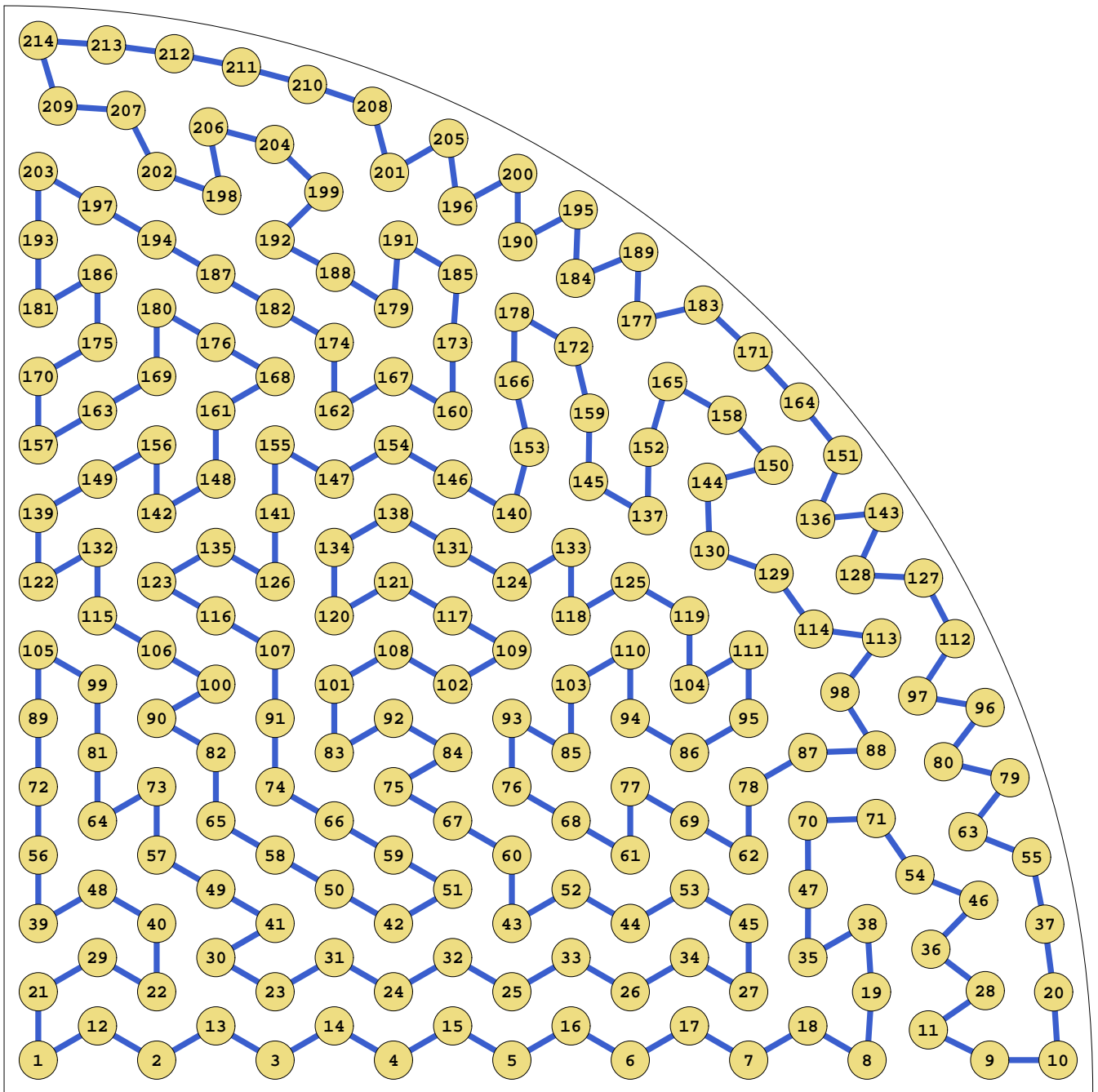# 214 circles in a circular quadrant

radius =   0.031393613120   density = 0.843638456680
ratio   =   31.853612904705   length   =   13.440857