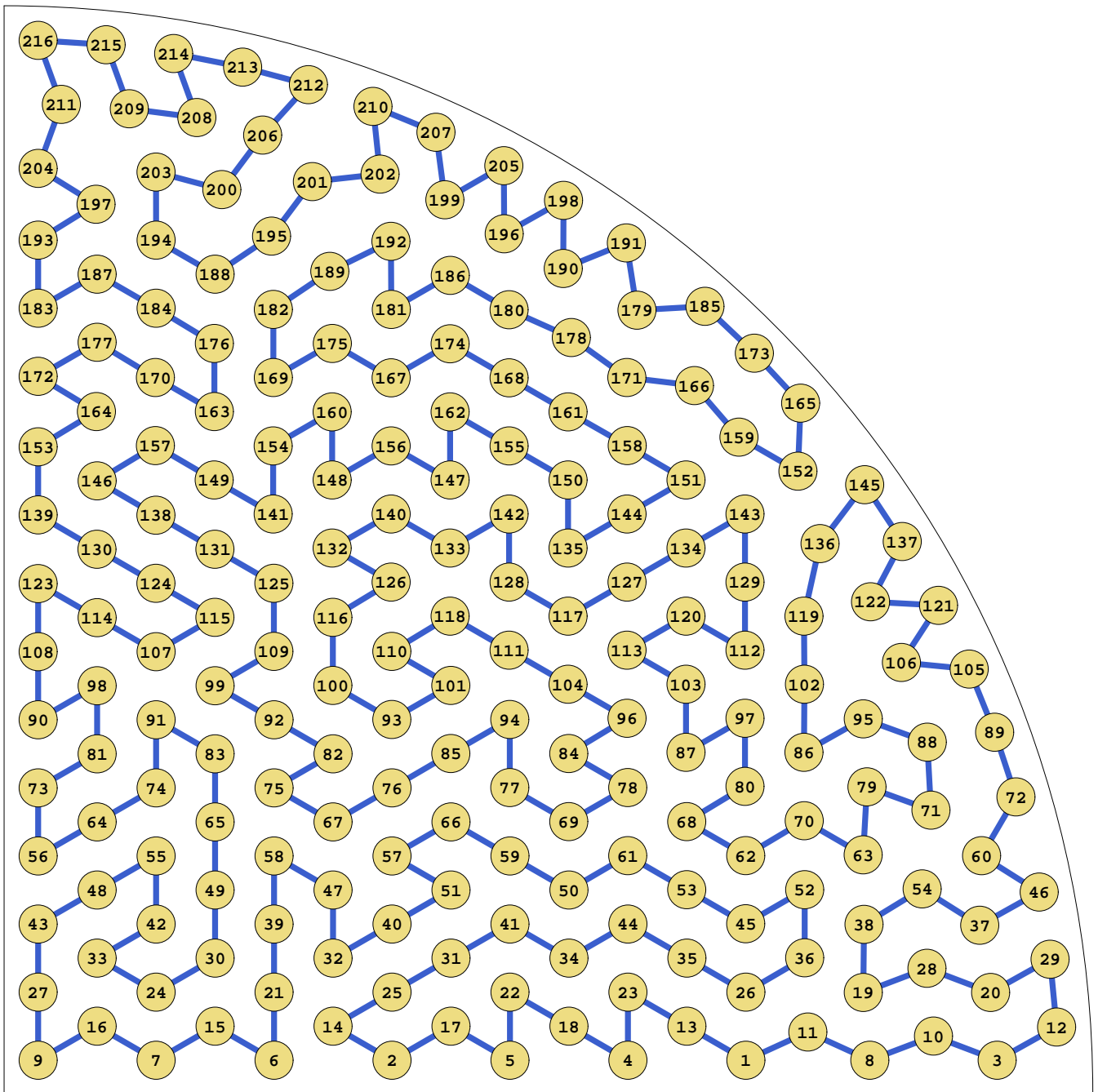# 216 circles in a circular quadrant

radius =   0.031276226227   density = 0.845166810534
ratio   = 31.973166862901   length   = 13.524692