217 circles in a circular quadrant
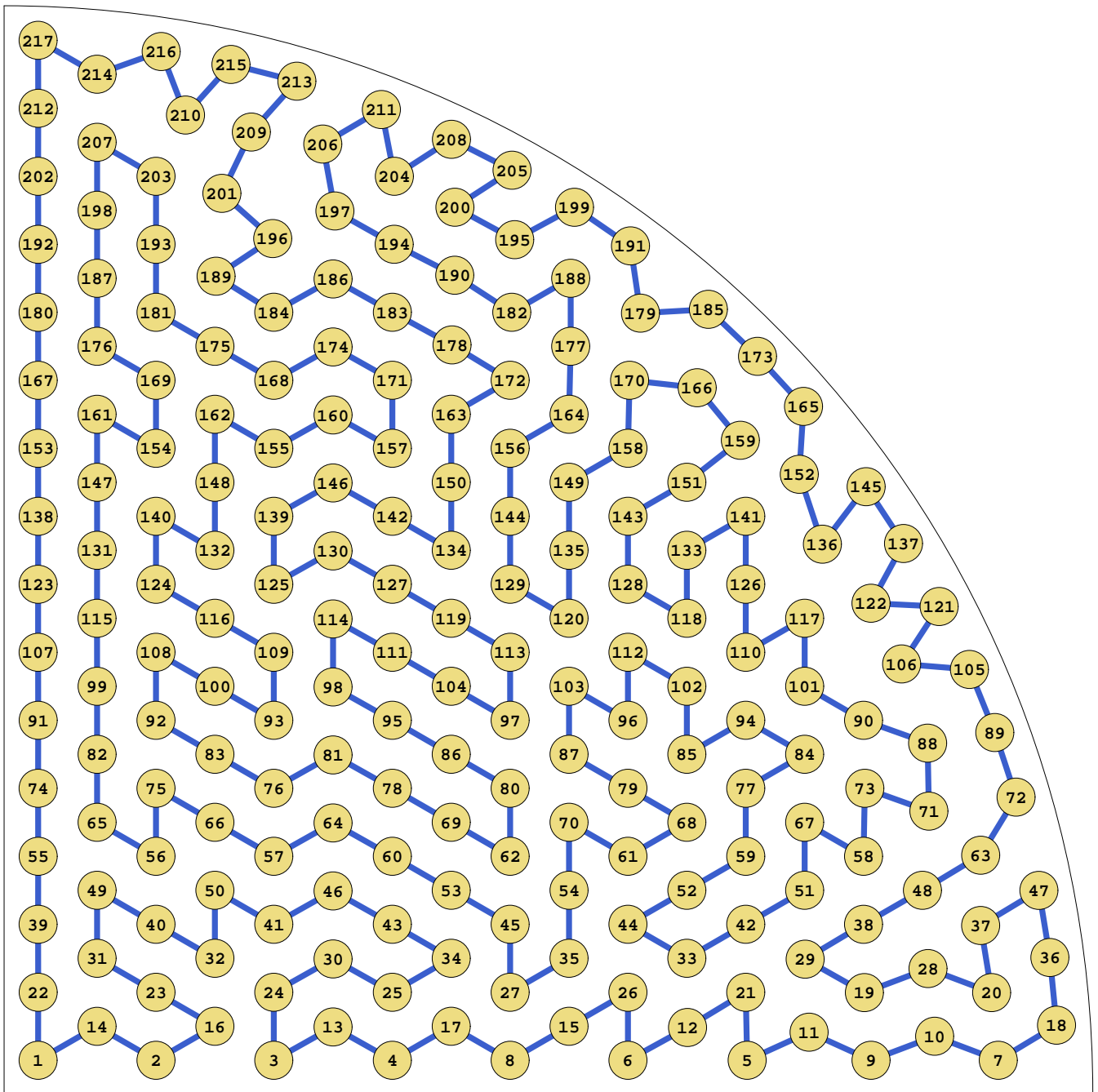

radius =   0.031234288981   density = 0.846804141492
ratio   = 32.016096175487   length   = 13.566266