570 circles in a circular quadrant
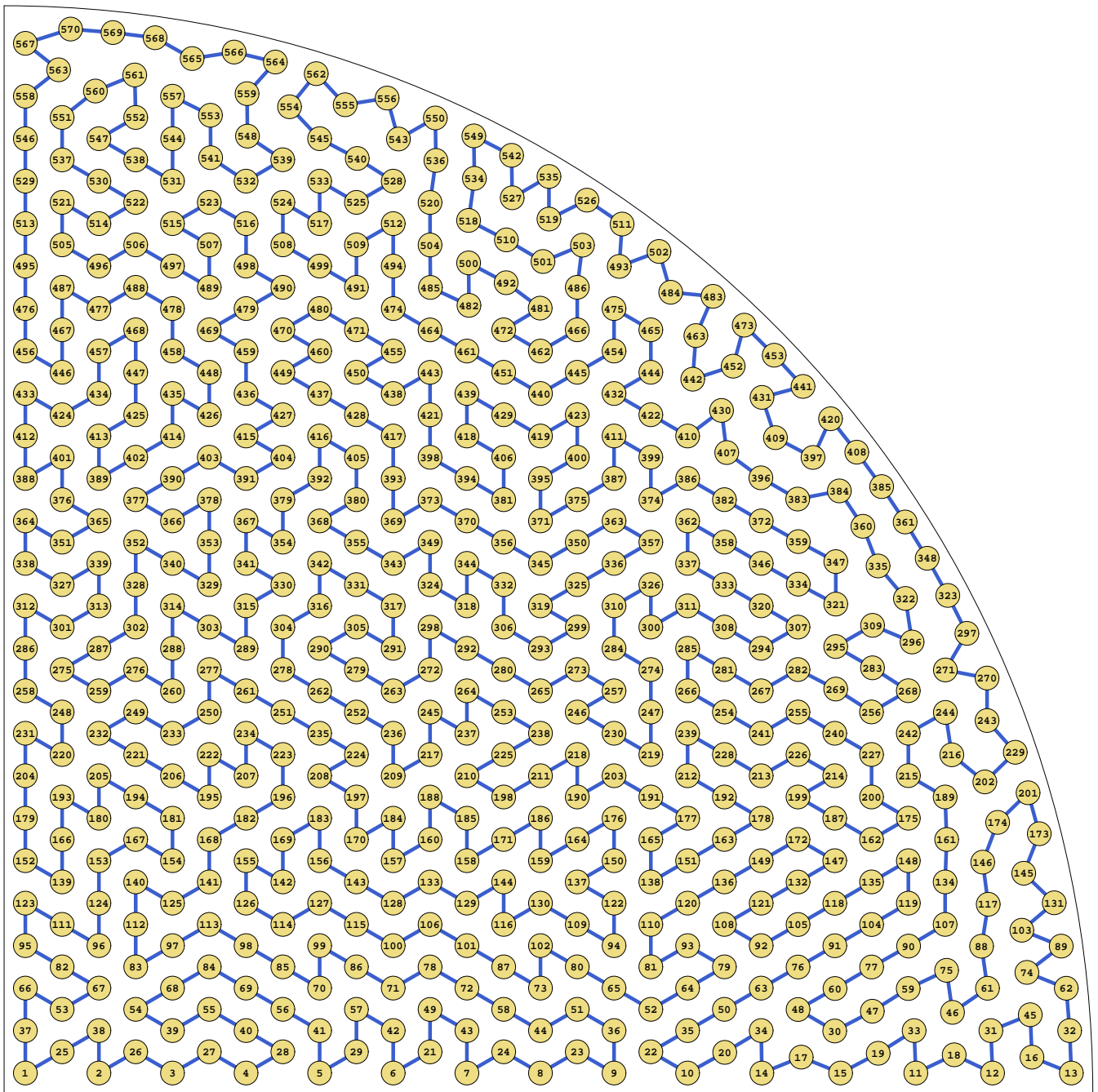

radius =   0.019508533871   density = 0.867728997863

ratio   = 51.259618308994   length   = 22.250861