82 circles in a circular quadrant
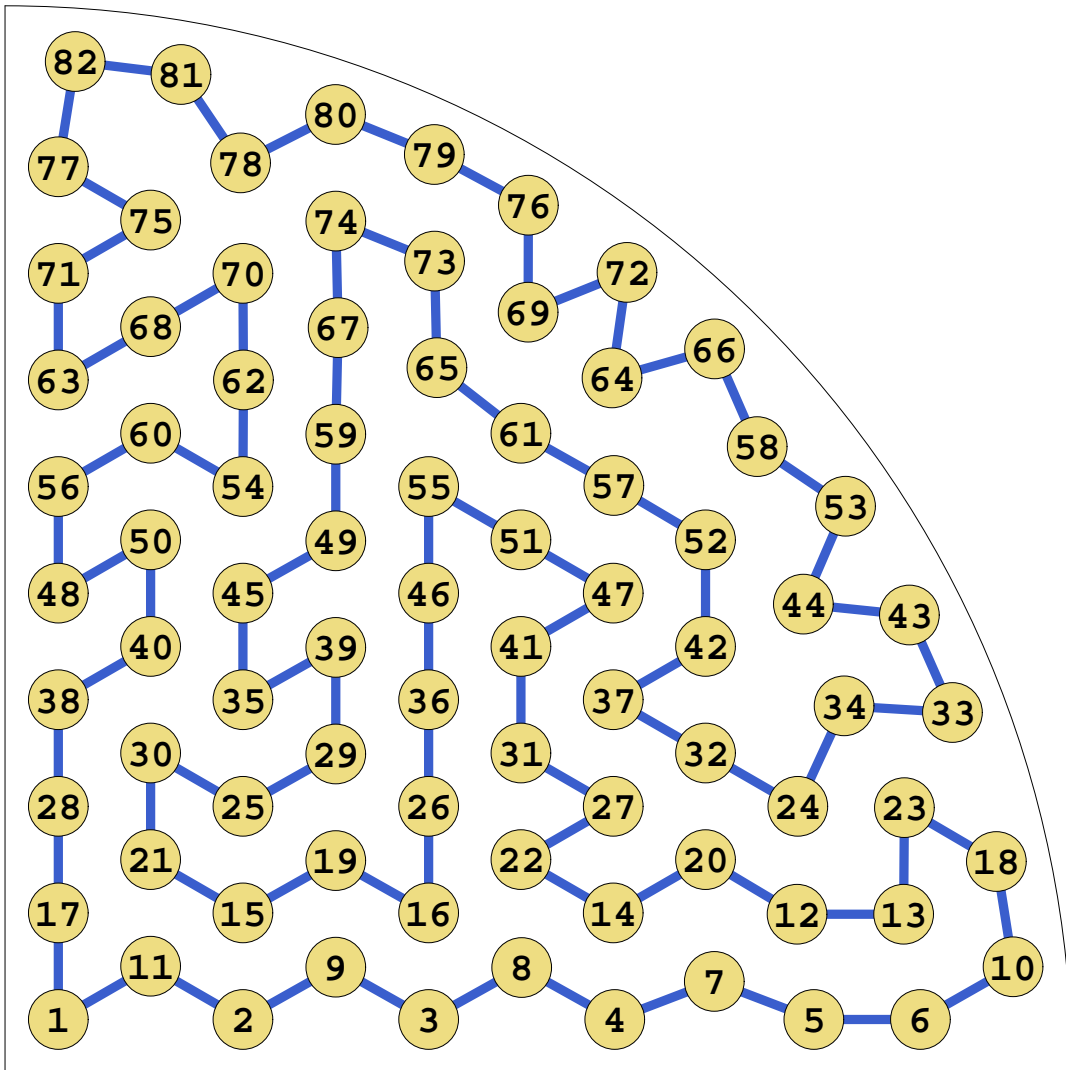

radius =   0.049949115343   density = 0.818331832519
ratio = 20.020374597948   length =   8.197883