362 circles in a circular quadrant
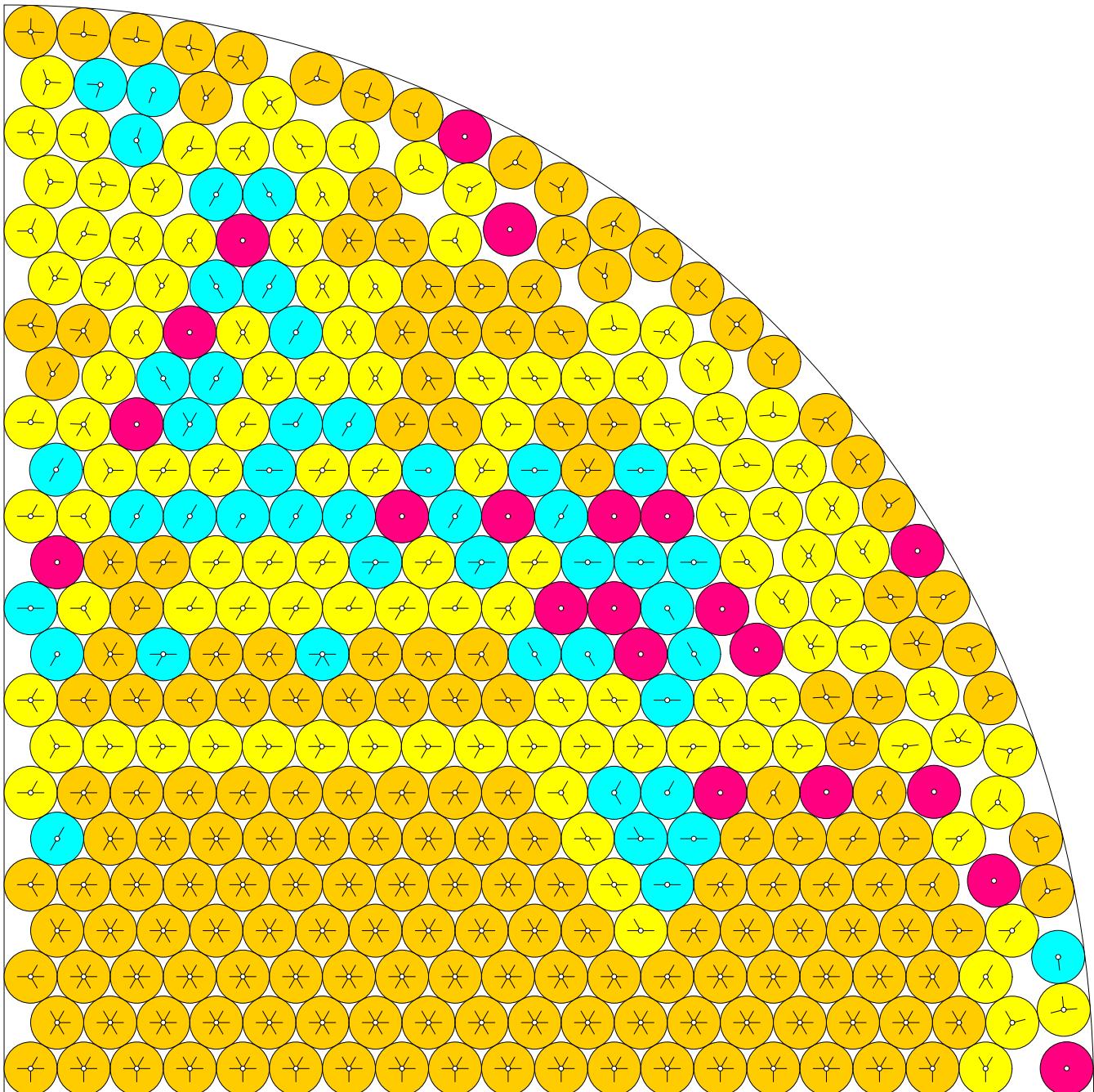
radius   =   0.024344784727   density = 0.858184050849

ratio   = 41.076559567631   contacts = 711