340 circles in a circular quadrant
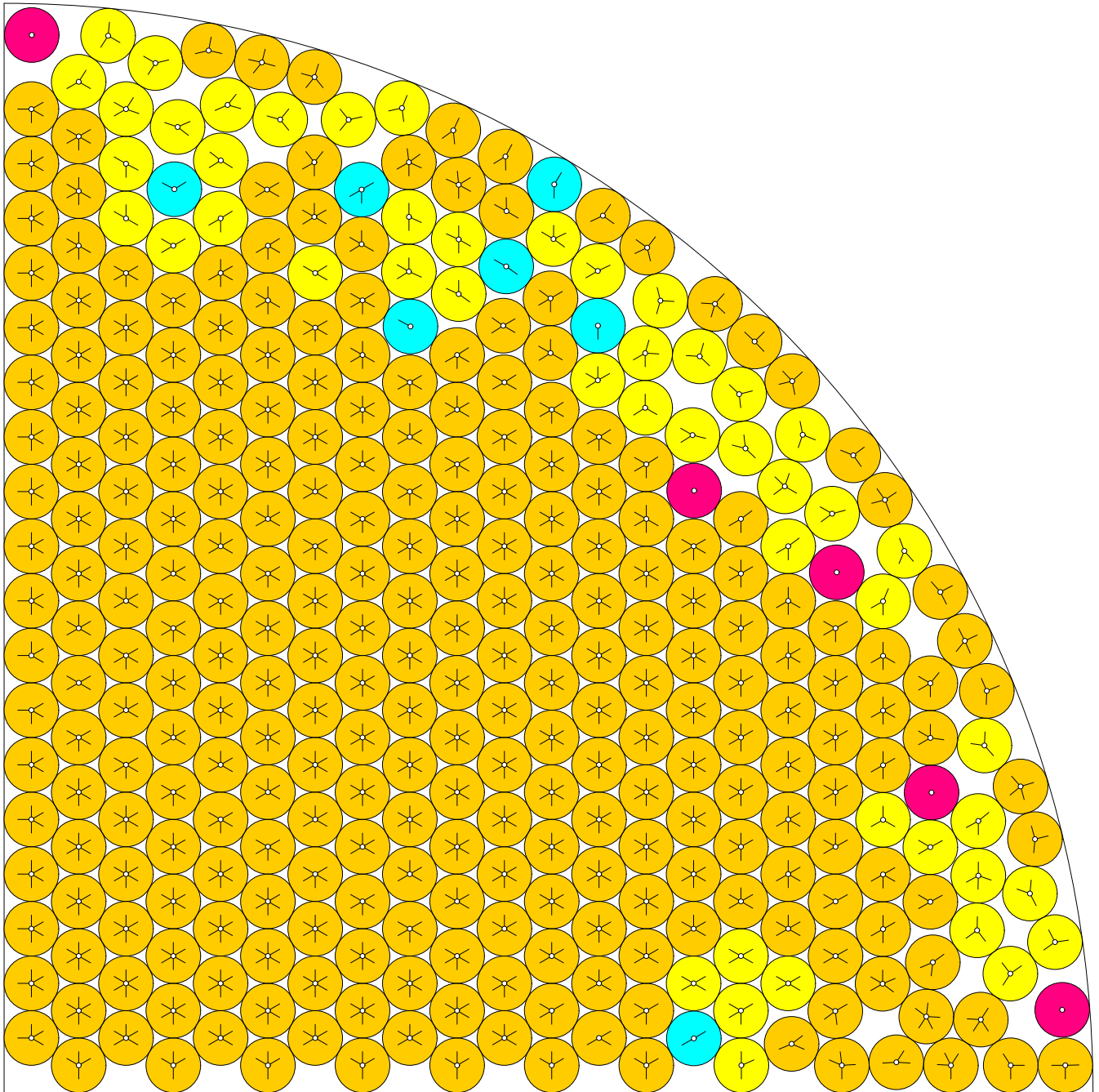
radius =   0.025079810551   density = 0.855435780279

ratio   = 39.872709483776   contacts = 826