410 circles in a circular quadrant
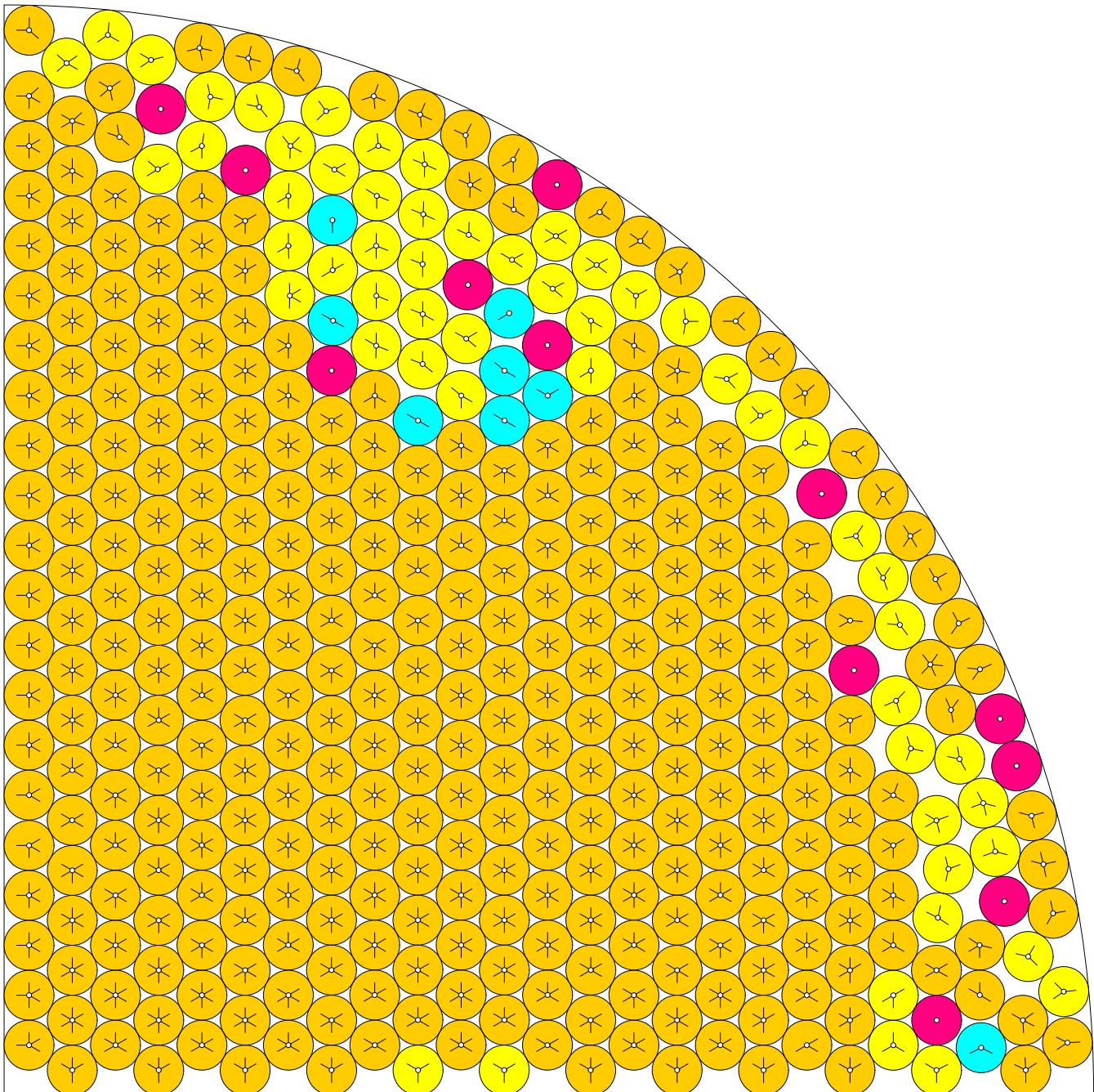
radius   =   0.022901981080   density = 0.860181209298
ratio   = 43.664344866852   contacts = 1002