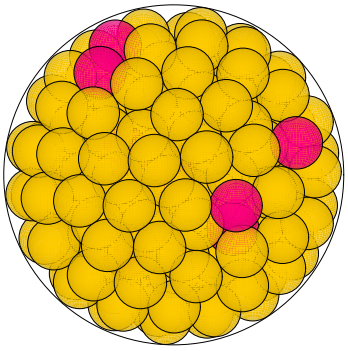
# N = 157

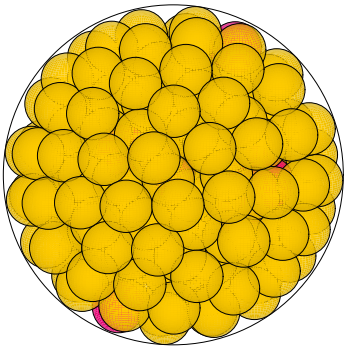
**157 spheres in a sphere**



radius = 0.154304605357 density = 0.576814696187
ratio = 0.480687972251 contacts = 442

# N = 158

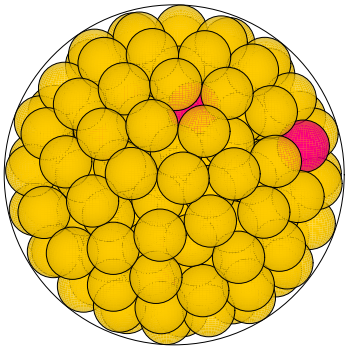
**158 spheres in a sphere**



radius = 0.154079300217 density = 0.577949615306
ratio = 0.490164471098 contacts = 449

# N = 159

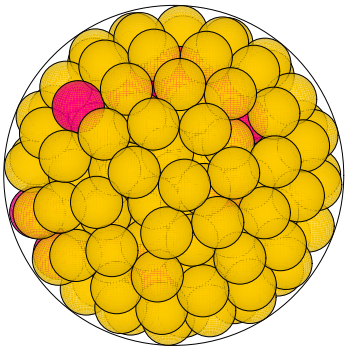
**159 spheres in a sphere**



radius = 0.153695958755 density = 0.577277285755
ratio = 0.506351943801 contacts = 460

# N = 160

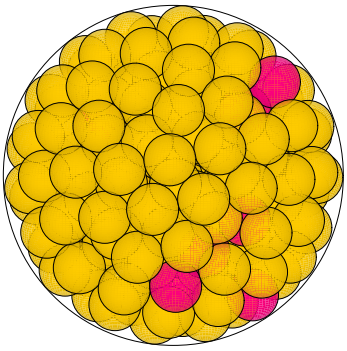
**160 spheres in a sphere**



radius = 0.153336259774 density = 0.576838952415
ratio = 0.521614662272 contacts = 439

# N = 161

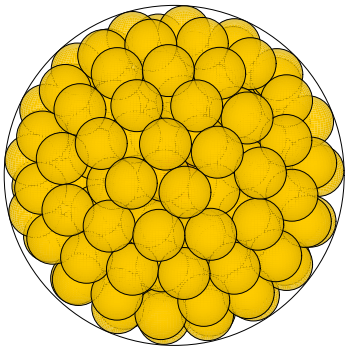
**161 spheres in a sphere**



radius = 0.153095571235 density = 0.577715152779
ratio = 0.531867590527 contacts = 457

# N = 162

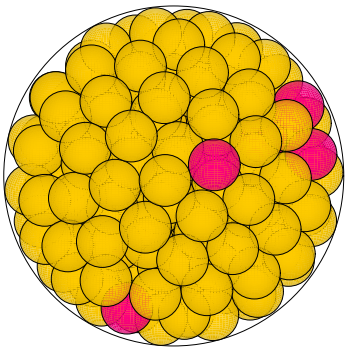
**162 spheres in a sphere**



radius = 0.152766222693 density = 0.577559904144
ratio = 0.545949637105 contacts = 481

# N = 163

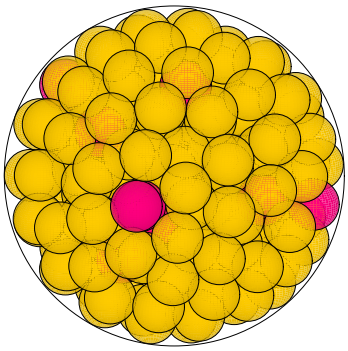
**163 spheres in a sphere**



radius = 0.152333352287 density = 0.576199135780
ratio = 0.564550605543 contacts = 462

# N = 164

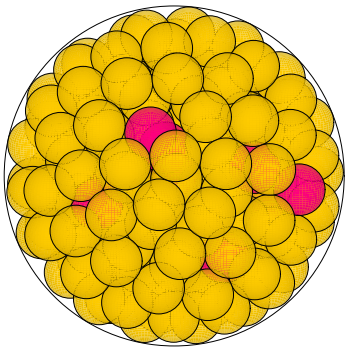
**164 spheres in a sphere**



radius = 0.152097125131 density = 0.577041255291
ratio = 0.574746229679 contacts = 459

# N = 165

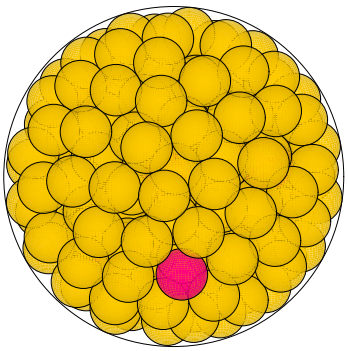
**165 spheres in a sphere**



radius = 0.151818107200 density = 0.577370594951
ratio = 0.586829584717 contacts = 463

# N = 166

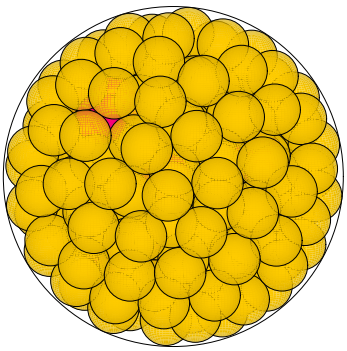
**166 spheres in a sphere**



radius = 0.151510034723 density = 0.577340841944
ratio = 0.600222894993 contacts = 472

# N = 167

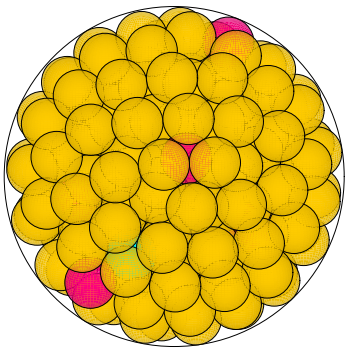
**167 spheres in a sphere**



radius = 0.151275315465 density = 0.578123566156
ratio = 0.610463821699 contacts = 477

# N = 168

**168 spheres in a sphere**



radius = 0.150959747967 density = 0.577953326846
ratio = 0.624282389625 contacts = 481