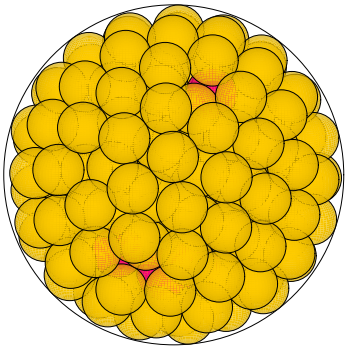
N = 169

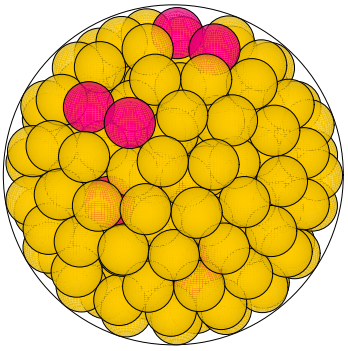
169 spheres in a sphere



radius = 0.150633585245 density = 0.577633195437
ratio = 0.638625764457 contacts = 490

N = 170

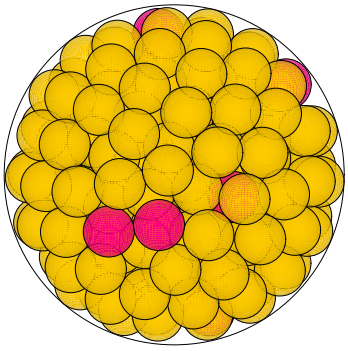
170 spheres in a sphere



radius = 0.150414852078 density = 0.578523605552
ratio = 0.648279649159 contacts = 480

N = 171

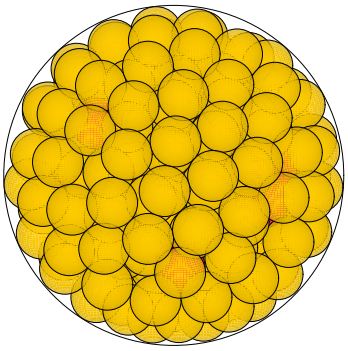
171 spheres in a sphere



radius = 0.150126724785 density = 0.578588956932
ratio = 0.661039208256 contacts = 484

N = 172

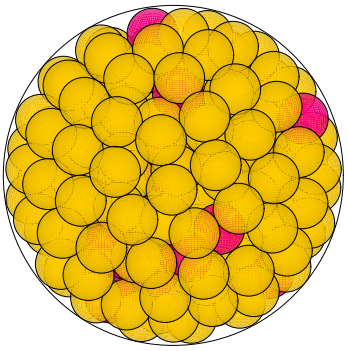
172 spheres in a sphere



radius = 0.149823942661 density = 0.578458372460
ratio = 0.674500632136 contacts = 484

N = 173

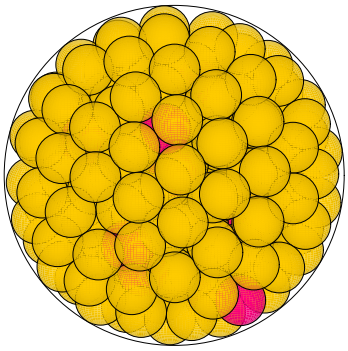
173 spheres in a sphere



radius = 0.149550842703 density = 0.578645655624
ratio = 0.686689168218 contacts = 481

N = 174

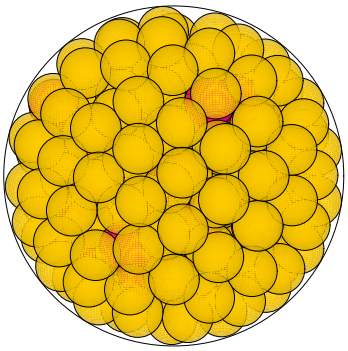
174 spheres in a sphere



radius = 0.149295833059 density = 0.579018323663
ratio = 0.698110586950 contacts = 483

N = 175

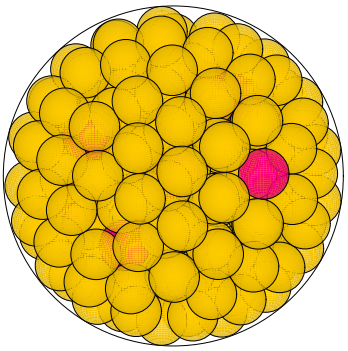
175 spheres in a sphere



radius = 0.149008670736 density = 0.578992142861
ratio = 0.711018862598 contacts = 487

N = 176

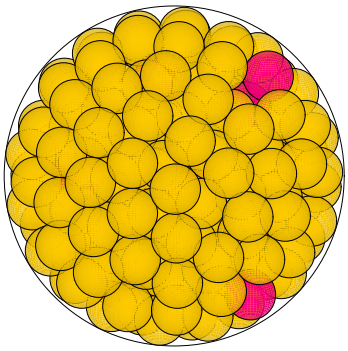
176 spheres in a sphere



radius = 0.148745774624 density = 0.579224043324
ratio = 0.722880045015 contacts = 490

N = 177

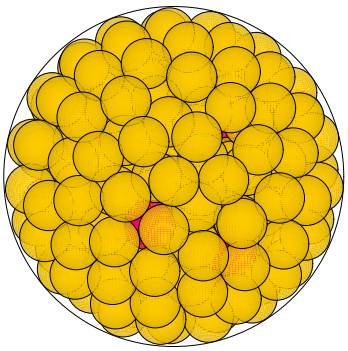
177 spheres in a sphere



radius = 0.148341239250 density = 0.577775304058
ratio = 0.741213738377 contacts = 505

N = 178

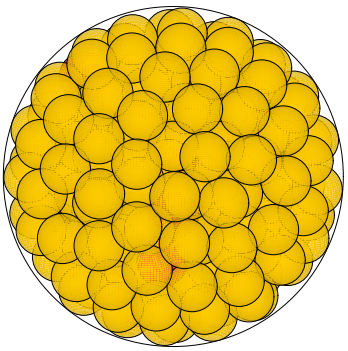
178 spheres in a sphere



radius = 0.148066413782 density = 0.577816149121
ratio = 0.753726077761 contacts = 505

N = 179

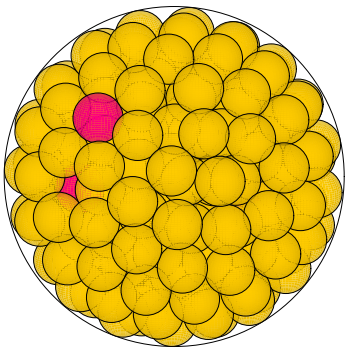
179 spheres in a sphere



radius = 0.147779767882 density = 0.577694152012
ratio = 0.766826165260 contacts = 519

N = 180

180 spheres in a sphere



radius = 0.147648144480 density = 0.579370643052
ratio = 0.772858565354 contacts = 522