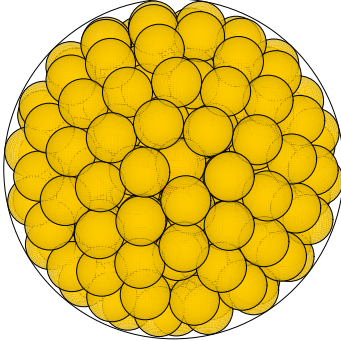


**N = 181**

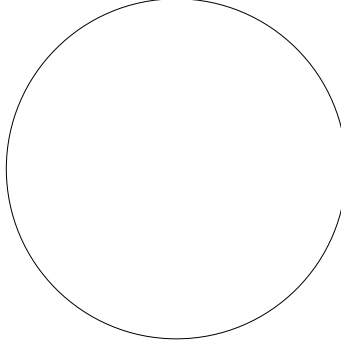
181 spheres in a sphere



radius = 0.147349702922 density = 0.579063736851  
ratio = 6.786576288717 contacts = 532

**N = 182**

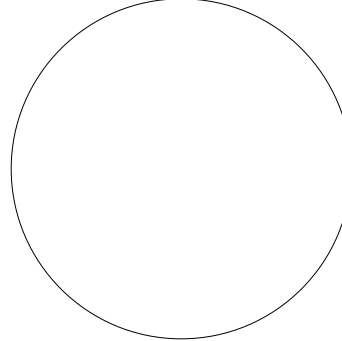
182 spheres in a sphere



radius = 0.147073489170 density = 0.578994682541  
ratio = 6.799321928401 contacts = 523

**N = 183**

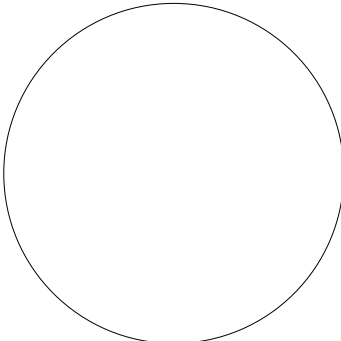
183 spheres in a sphere



radius = 0.146797966222 density = 0.578910205996  
ratio = 6.812083475923 contacts = 529

**N = 184**

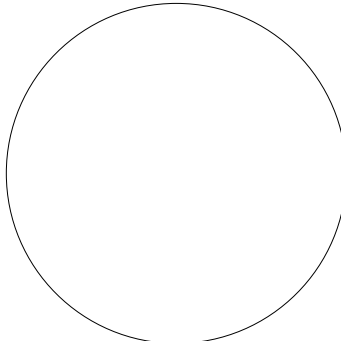
184 spheres in a sphere



radius = 0.146535497150 density = 0.578957053392  
ratio = 6.824285033973 contacts = 538

**N = 185**

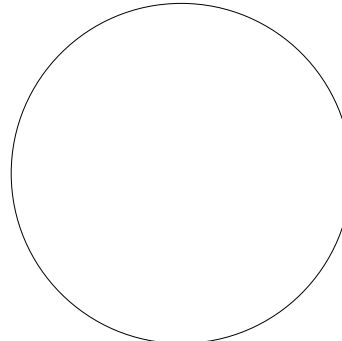
185 spheres in a sphere



radius = 0.146258233310 density = 0.578905564812  
ratio = 6.837221928466 contacts = 528

**N = 186**

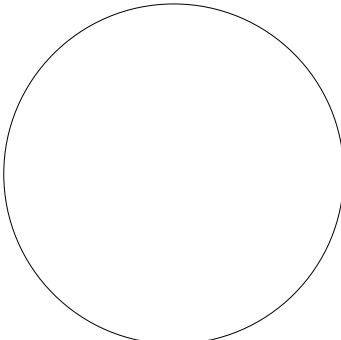
186 spheres in a sphere



radius = 0.145978949142 density = 0.578906946290  
ratio = 6.850302772267 contacts = 540

**N = 187**

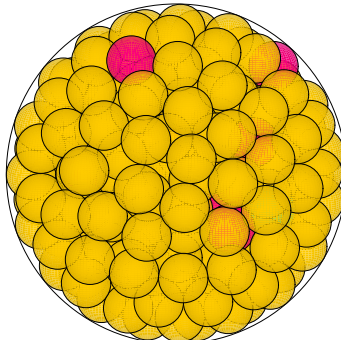
187 spheres in a sphere



radius = 0.1457066907536 density = 0.578471582701  
ratio = 6.863092607692 contacts = 539

**N = 188**

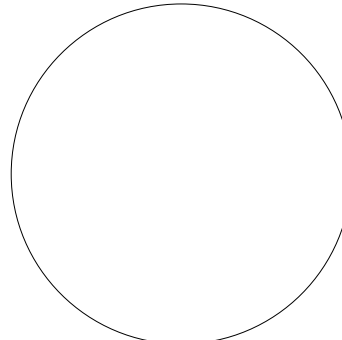
188 spheres in a sphere



radius = 0.144552947787 density = 0.578529395747  
ratio = 6.875075515585 contacts = 536

**N = 189**

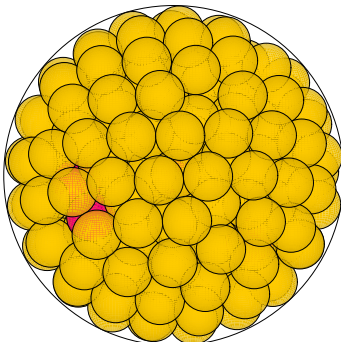
189 spheres in a sphere



radius = 0.145245487123 density = 0.579121696964  
ratio = 6.884895021242 contacts = 529

**N = 190**

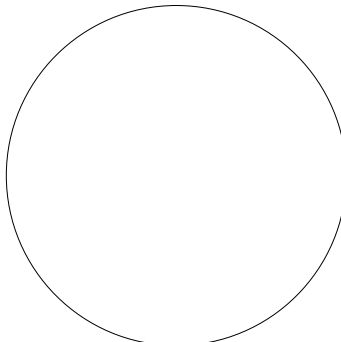
190 spheres in a sphere



radius = 0.144968950591 density = 0.578866725795  
ratio = 6.898028825643 contacts = 553

**N = 191**

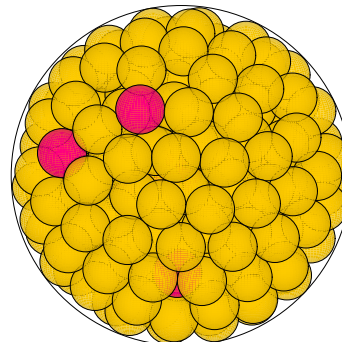
191 spheres in a sphere



radius = 0.144714894423 density = 0.578859364608  
ratio = 6.910138752387 contacts = 560

**N = 192**

192 spheres in a sphere



radius = 0.144508021238 density = 0.579398132977  
ratio = 6.920031091928 contacts = 553