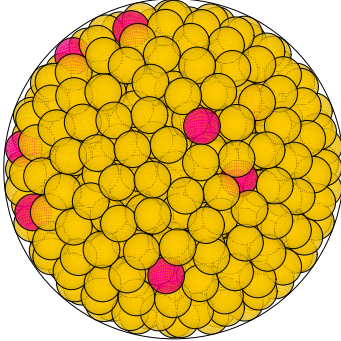


N = 481

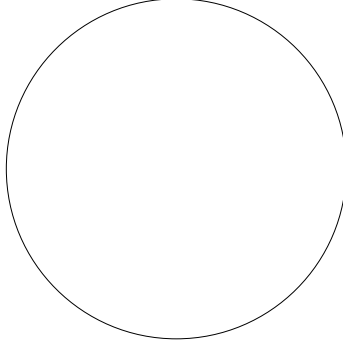
481 spheres in a sphere



radius = 0.108090978405 density = 0.607454033657
ratio = 9.251465892492 contacts = 1402

N = 482

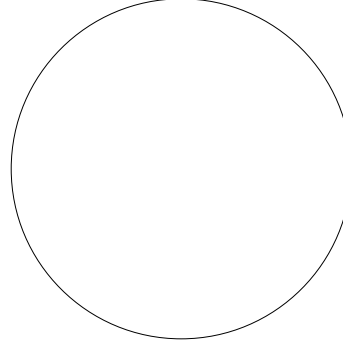
482 spheres in a sphere



radius = 0.108037648961 density = 0.607816398183
ratio = 9.256032592499 contacts = 1367

N = 483

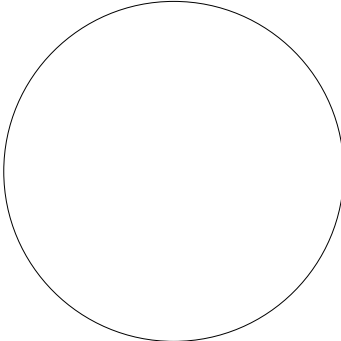
483 spheres in a sphere



radius = 0.107990674309 density = 0.608283294838
ratio = 9.260058855996 contacts = 1384

N = 484

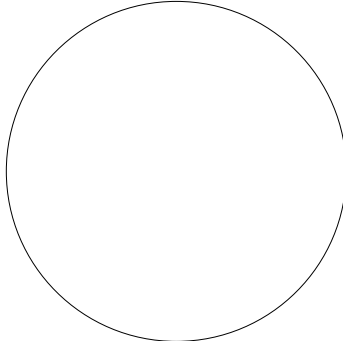
484 spheres in a sphere



radius = 0.107959980247 density = 0.609023079463
ratio = 9.262691579899 contacts = 1370

N = 485

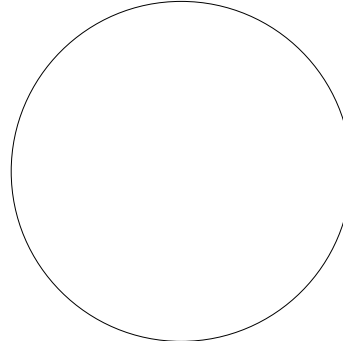
485 spheres in a sphere



radius = 0.107843677630 density = 0.608311392428
ratio = 9.272660809633 contacts = 1448

N = 486

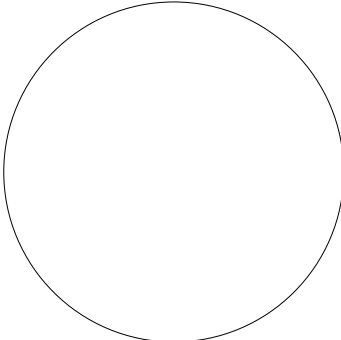
486 spheres in a sphere



radius = 0.107733535315 density = 0.607699675012
ratio = 9.282160815350 contacts = 1377

N = 487

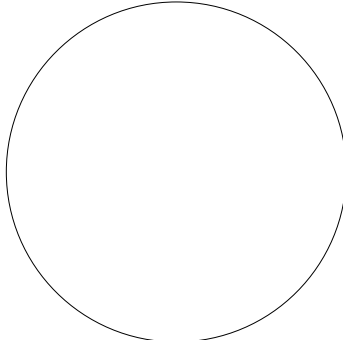
487 spheres in a sphere



radius = 0.107622825268 density = 0.607076338309
ratio = 9.291700606630 contacts = 1408

N = 488

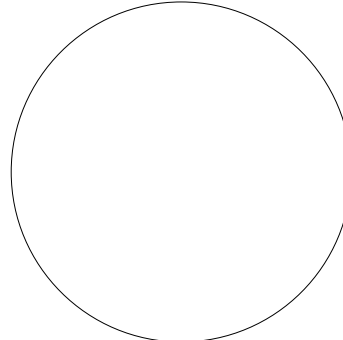
488 spheres in a sphere



radius = 0.107519606294 density = 0.606572641646
ratio = 9.300629294211 contacts = 1416

N = 489

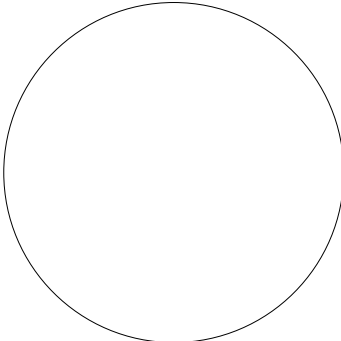
489 spheres in a sphere



radius = 0.107444020418 density = 0.606534643080
ratio = 9.307172201018 contacts = 1419

N = 490

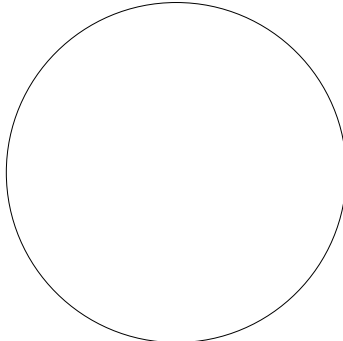
490 spheres in a sphere



radius = 0.107367229019 density = 0.606472781355
ratio = 9.313828894877 contacts = 1398

N = 491

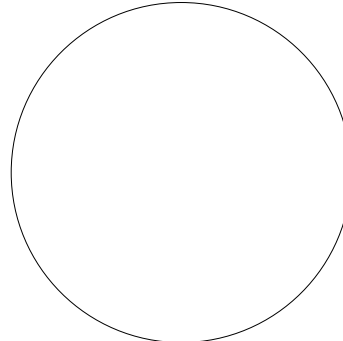
491 spheres in a sphere



radius = 0.107284635368 density = 0.606309091693
ratio = 9.320999195923 contacts = 1410

N = 492

492 spheres in a sphere



radius = 0.107182858284 density = 0.605816511477
ratio = 9.329850089931 contacts = 1422