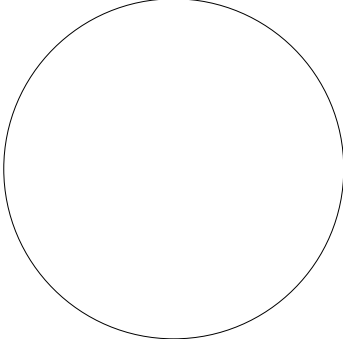


N = 541

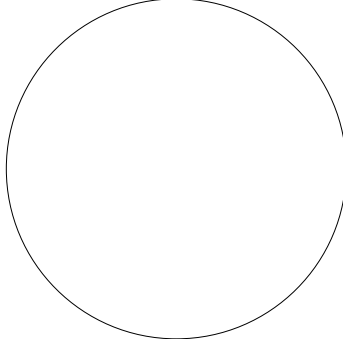
541 spheres in a sphere



radius = 0.103954099425 density = 0.607781032253
ratio = 9.619445554508 contacts = 1579

N = 542

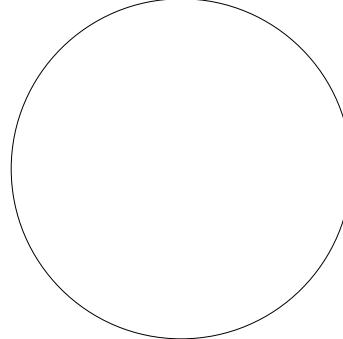
542 spheres in a sphere



radius = 0.103896271526 density = 0.607853853300
ratio = 9.624984470687 contacts = 1563

N = 543

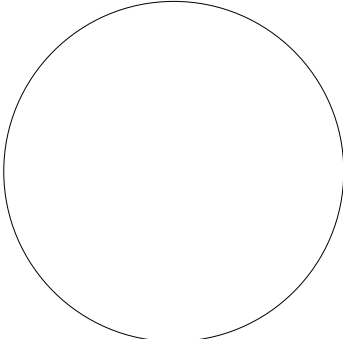
543 spheres in a sphere



radius = 0.103840056241 density = 0.607987392464
ratio = 9.630195092336 contacts = 1574

N = 544

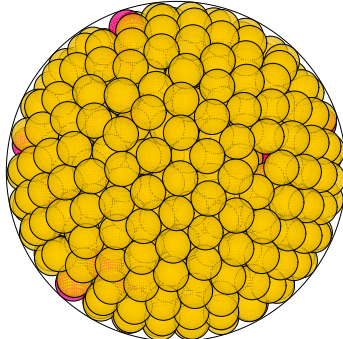
544 spheres in a sphere



radius = 0.103777798376 density = 0.608012151035
ratio = 9.635972391483 contacts = 1593

N = 545

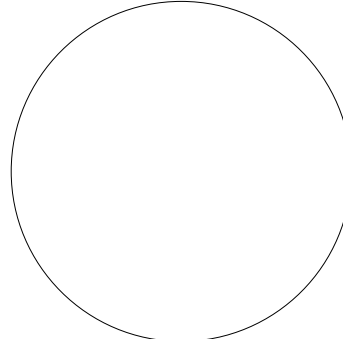
545 spheres in a sphere



radius = 0.103698649209 density = 0.607973712105
ratio = 9.641327156408 contacts = 1590

N = 546

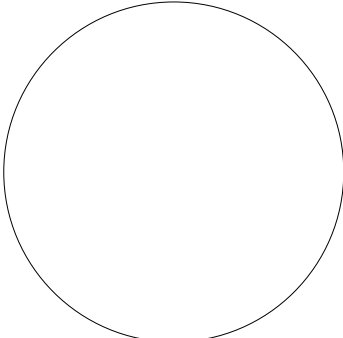
546 spheres in a sphere



radius = 0.103632560998 density = 0.607688943617
ratio = 9.648476866825 contacts = 1576

N = 547

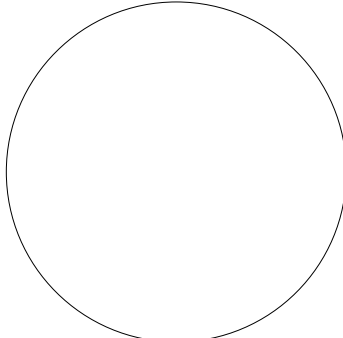
547 spheres in a sphere



radius = 0.103569738029 density = 0.607695414847
ratio = 9.653300127111 contacts = 1611

N = 548

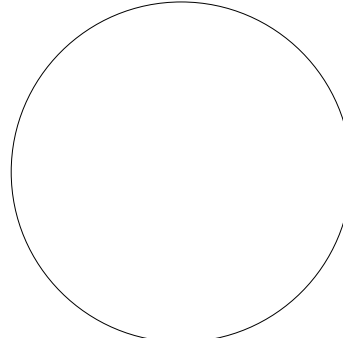
548 spheres in a sphere



radius = 0.103516710220 density = 0.60787125680
ratio = 9.660276083685 contacts = 1594

N = 549

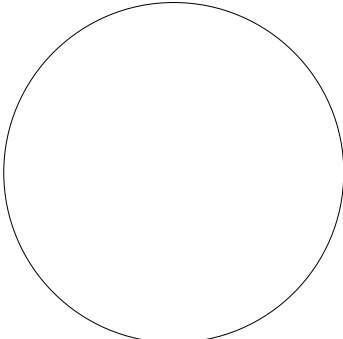
549 spheres in a sphere



radius = 0.103461319468 density = 0.608003924833
ratio = 9.665447967820 contacts = 1594

N = 550

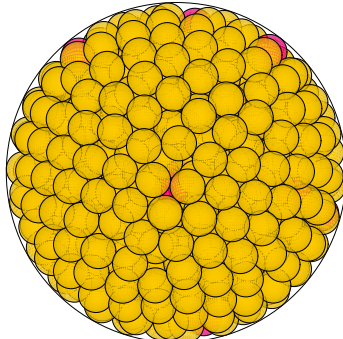
550 spheres in a sphere



radius = 0.103412725757 density = 0.608253540851
ratio = 9.669989768472 contacts = 1591

N = 551

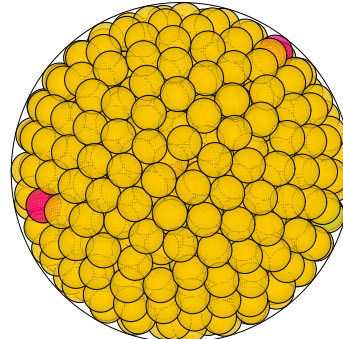
551 spheres in a sphere



radius = 0.103349986940 density = 0.608251063713
ratio = 9.675859955169 contacts = 1608

N = 552

552 spheres in a sphere



radius = 0.103281253115 density = 0.608140005251
ratio = 9.682299254121 contacts = 1620