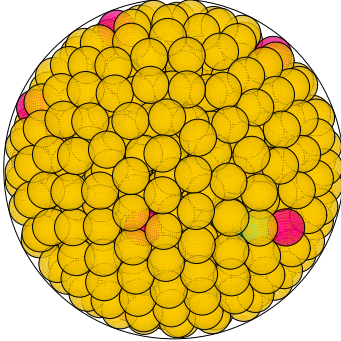


N = 457

457 spheres in a sphere

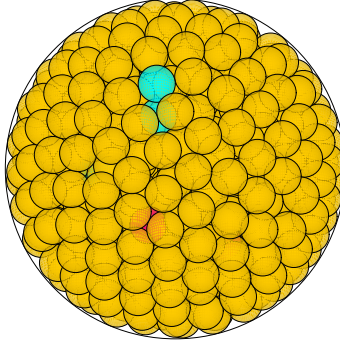


radius = 0.109251422025 density = 0.595933082659  
ratio = 9.153198937504 contacts = 1332

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N = 458

458 spheres in a sphere

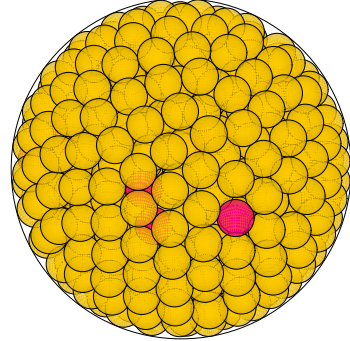


radius = 0.109158767985 density = 0.595718866050  
ratio = 9.160968179247 contacts = 1342

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N = 459

459 spheres in a sphere

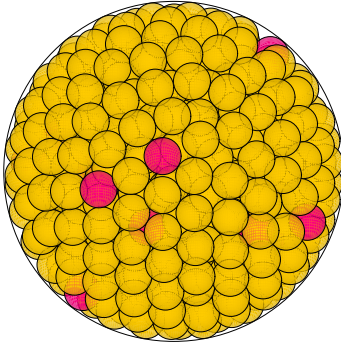


radius = 0.109065951652 density = 0.595497942041  
ratio = 9.168764264678 contacts = 1343

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N = 460

460 spheres in a sphere

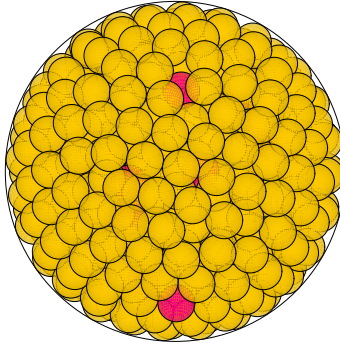


radius = 0.108969002458 density = 0.595205255638  
ratio = 9.176921669861 contacts = 1320

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N = 461

461 spheres in a sphere

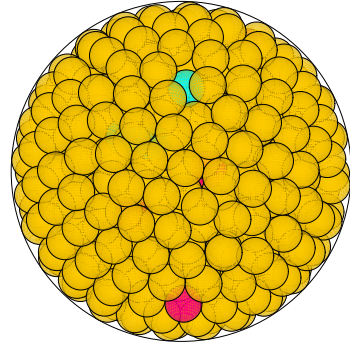


radius = 0.10888312224 density = 0.595089795390  
ratio = 9.184160698345 contacts = 1331

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N = 462

462 spheres in a sphere

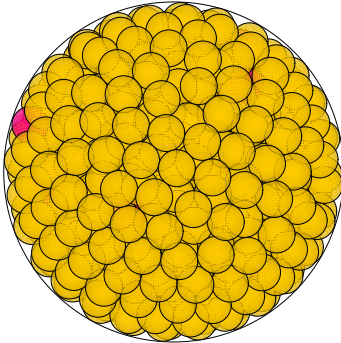


radius = 0.108820388914 density = 0.595350601383  
ratio = 9.189454384242 contacts = 1350

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N = 463

463 spheres in a sphere

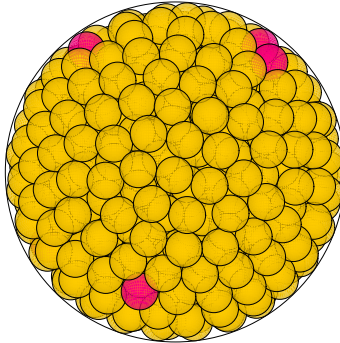


radius = 0.108756943334 density = 0.595596271170  
ratio = 9.194815239786 contacts = 1349

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N = 464

464 spheres in a sphere

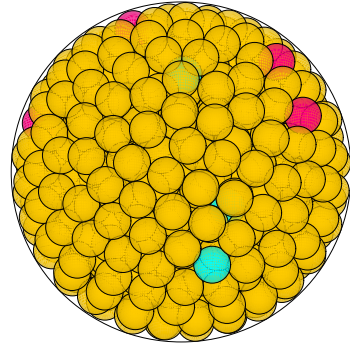


radius = 0.108650269764 density = 0.59560896768  
ratio = 9.201097438549 contacts = 1363

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N = 465

465 spheres in a sphere

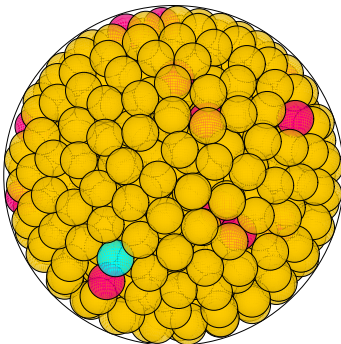


radius = 0.108605312265 density = 0.595670590749  
ratio = 9.207652730282 contacts = 1364

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N = 466

466 spheres in a sphere

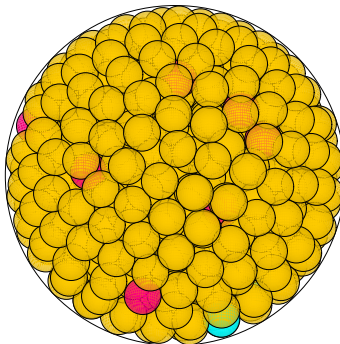


radius = 0.108552761588 density = 0.596085483972  
ratio = 9.212110179153 contacts = 1344

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N = 467

467 spheres in a sphere

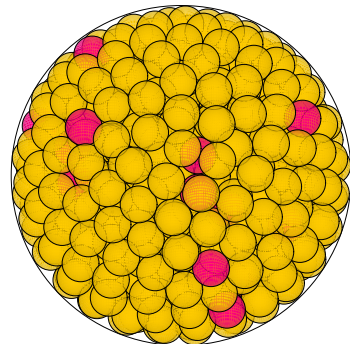


radius = 0.108505275327 density = 0.596581031163  
ratio = 9.216141768097 contacts = 1369

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N = 468

468 spheres in a sphere



radius = 0.108440455926 density = 0.596787691815  
ratio = 9.221650641919 contacts = 1353

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