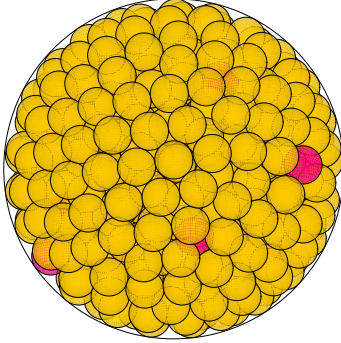


N = 421

421 spheres in a sphere

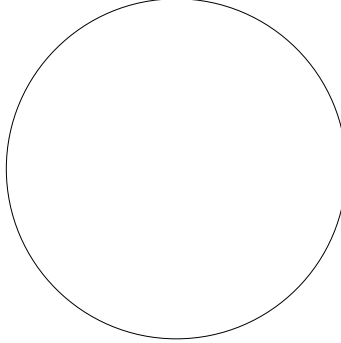


radius = 0.112307226749 density = 0.596355467501  
ratio = 8.904146500162 contacts = 1218

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N = 422

422 spheres in a sphere

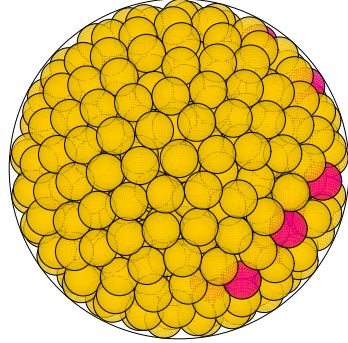


radius = 0.112216323292 density = 0.596321621706  
ratio = 8.911359512269 contacts = 1239

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N = 423

423 spheres in a sphere

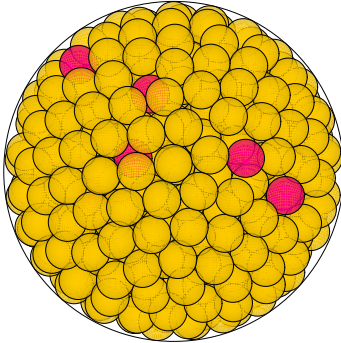


radius = 0.112109639249 density = 0.596031527449  
ratio = 8.919839602543 contacts = 1217

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N = 424

424 spheres in a sphere

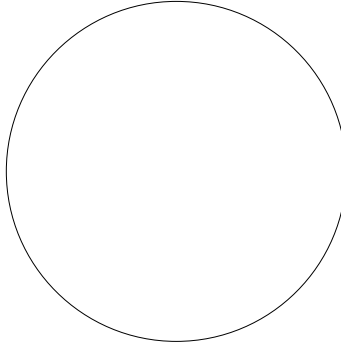


radius = 0.111992307481 density = 0.595566738843  
ratio = 8.920184713599 contacts = 1228

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N = 425

425 spheres in a sphere

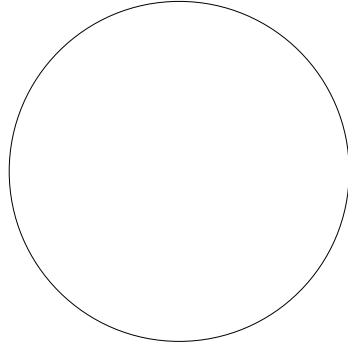


radius = 0.111914260069 density = 0.595724159342  
ratio = 8.935411799921 contacts = 1245

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N = 426

426 spheres in a sphere

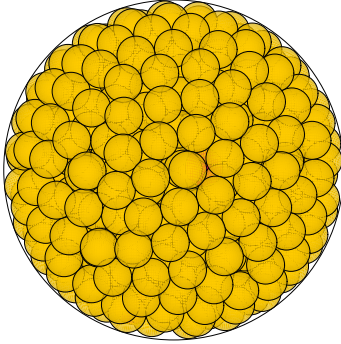


radius = 0.111847607502 density = 0.596059611117  
ratio = 8.940736617742 contacts = 1253

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N = 427

427 spheres in a sphere

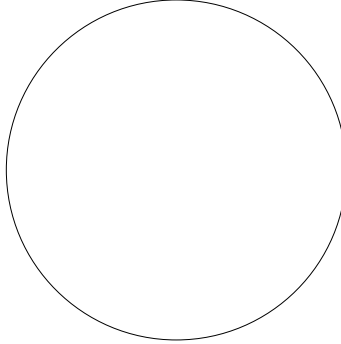


radius = 0.111757418008 density = 0.596014675623  
ratio = 8.947951892808 contacts = 1270

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N = 428

428 spheres in a sphere

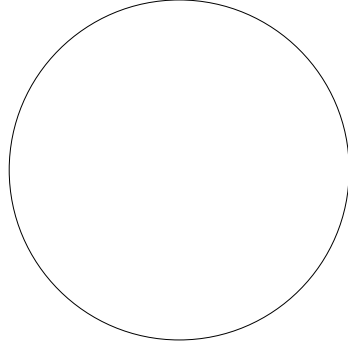


radius = 0.111646537428 density = 0.595954245607  
ratio = 8.955234245038 contacts = 1249

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N = 429

429 spheres in a sphere

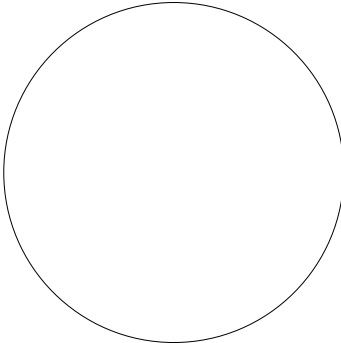


radius = 0.111604820627 density = 0.596356769642  
ratio = 8.960186436231 contacts = 1255

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N = 430

430 spheres in a sphere

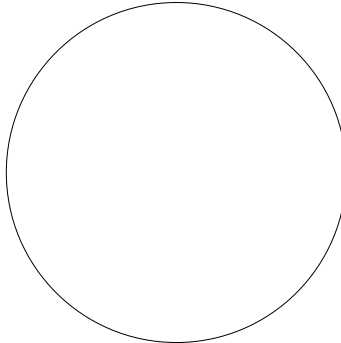


radius = 0.111516617369 density = 0.59630768729  
ratio = 8.967273430569 contacts = 1241

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N = 431

431 spheres in a sphere

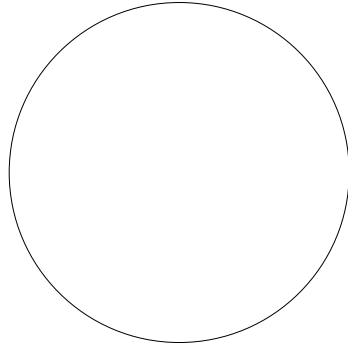


radius = 0.111444952708 density = 0.596565979243  
ratio = 8.973039834474 contacts = 1260

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N = 432

432 spheres in a sphere



radius = 0.111371274886 density = 0.596764967265  
ratio = 8.978975961473 contacts = 1262

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