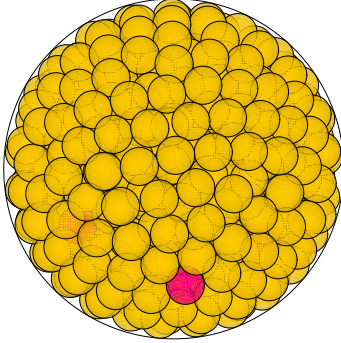


N = 421

421 spheres in a sphere

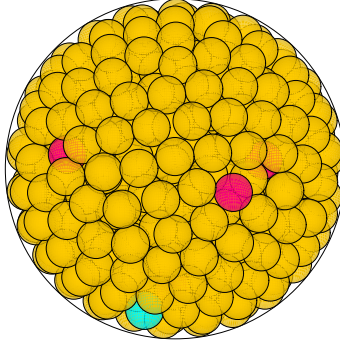


radius = 0.112194049553 density = 0.594554358674  
ratio = 8.913128672903 contacts = 1228

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N = 422

422 spheres in a sphere

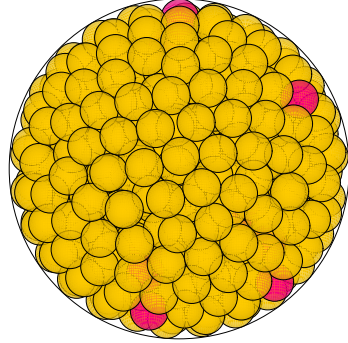


radius = 0.112130710029 density = 0.594957806755  
ratio = 8.918163451755 contacts = 1241

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N = 423

423 spheres in a sphere

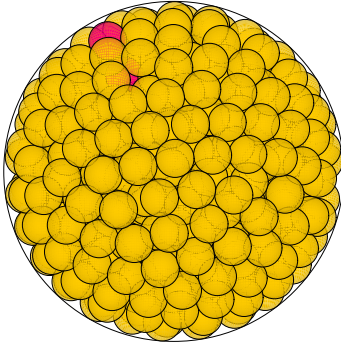


radius = 0.112061868670 density = 0.595269934405  
ratio = 8.923642019078 contacts = 1231

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N = 424

424 spheres in a sphere

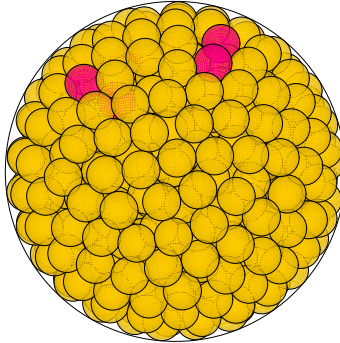


radius = 0.111975345672 density = 0.595296174924  
ratio = 8.930537289225 contacts = 1259

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N = 425

425 spheres in a sphere

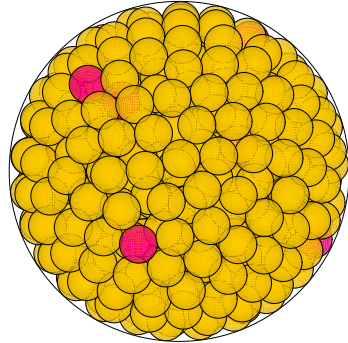


radius = 0.111862604876 density = 0.594899651938  
ratio = 8.939537936815 contacts = 1253

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N = 426

426 spheres in a sphere

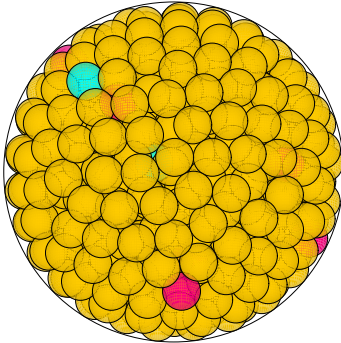


radius = 0.111761439909 density = 0.594683056053  
ratio = 8.947623887502 contacts = 1258

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N = 427

427 spheres in a sphere

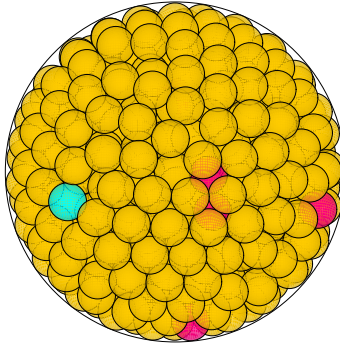


radius = 0.111642720577 density = 0.594181474066  
ratio = 8.957144673934 contacts = 1240

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N = 428

428 spheres in a sphere

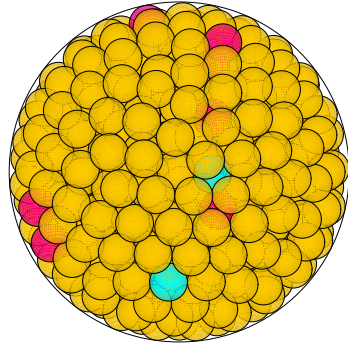


radius = 0.111564690005 density = 0.594325080875  
ratio = 8.963409479751 contacts = 1250

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N = 429

429 spheres in a sphere

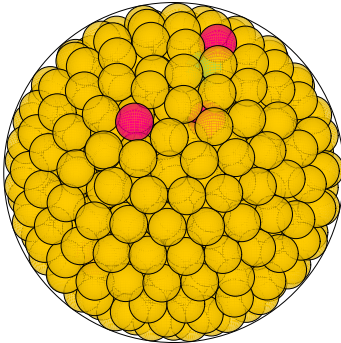


radius = 0.111490795579 density = 0.594530768982  
ratio = 8.969350293060 contacts = 1236

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N = 430

430 spheres in a sphere

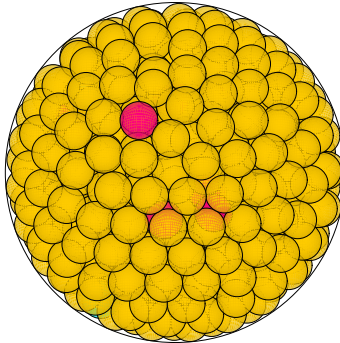


radius = 0.111415066881 density = 0.5941703139952  
ratio = 8.975446750587 contacts = 1262

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N = 431

431 spheres in a sphere

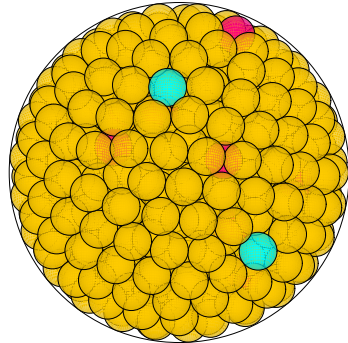


radius = 0.111323260162 density = 0.594613848077  
ratio = 8.982848674601 contacts = 1253

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N = 432

432 spheres in a sphere



radius = 0.111273684316 density = 0.595197571654  
ratio = 8.986850809758 contacts = 1259

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