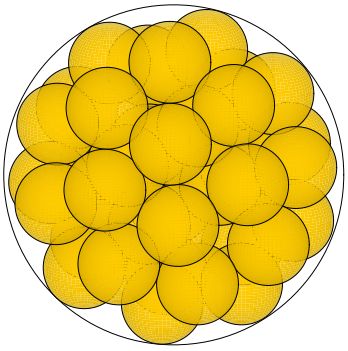
N = 37

37 spheres in a sphere



radius = 0.240686558293 density = 0.515890148167
ratio = 4.154781251983 contacts = 110

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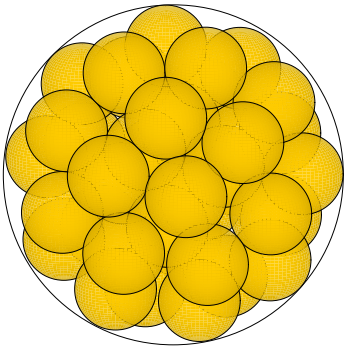
N = 38

38 spheres in a sphere



radius = 0.240519372142 density = 0.528729790846
ratio = 4.157669260045 contacts = 116

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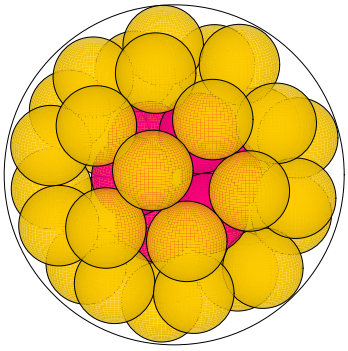
N = 39

39 spheres in a sphere



radius = 0.236745240285 density = 0.517497643020
ratio = 4.223940756270 contacts = 97

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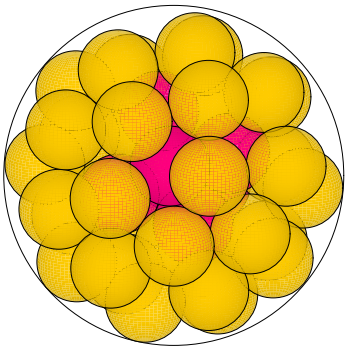
N = 40

40 spheres in a sphere



radius = 0.234999237637 density = 0.519109947837
ratio = 4.255332953653 contacts = 98

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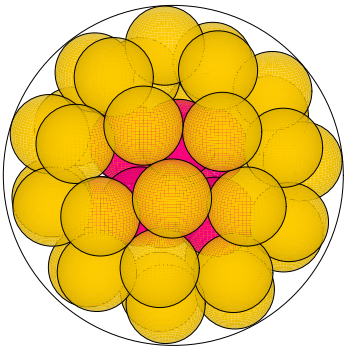
N = 41

41 spheres in a sphere



radius = 0.232755981857 density = 0.516995080282
ratio = 4.296345004849 contacts = 100

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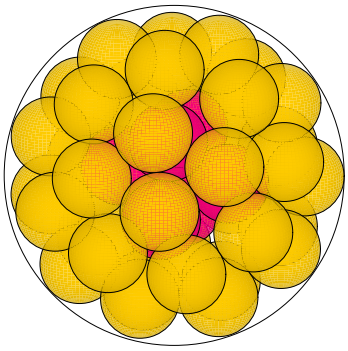
N = 42

42 spheres in a sphere



radius = 0.232118623301 density = 0.525265949758
ratio = 4.308142042973 contacts = 108

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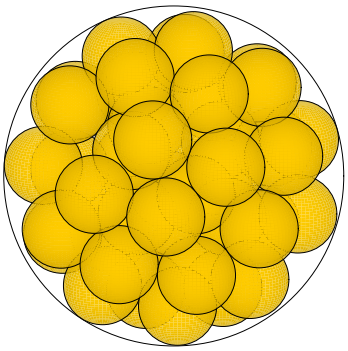
N = 43

43 spheres in a sphere



radius = 0.229732967254 density = 0.521360856683
ratio = 4.352879832412 contacts = 127

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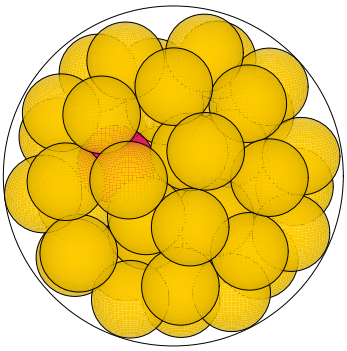
N = 44

44 spheres in a sphere



radius = 0.228163038226 density = 0.522623038233
ratio = 4.382830837874 contacts = 127

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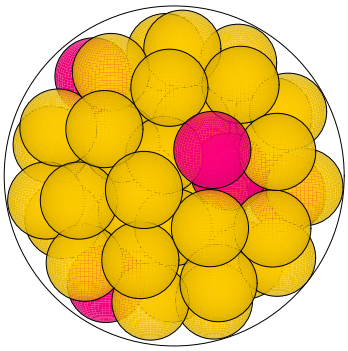
N = 45

45 spheres in a sphere



radius = 0.226911569263 density = 0.525753813707
ratio = 4.407003147737 contacts = 119

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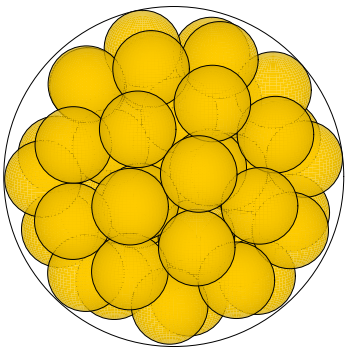
N = 46

46 spheres in a sphere



radius = 0.225168199111 density = 0.525144709692
ratio = 4.441124474718 contacts = 138

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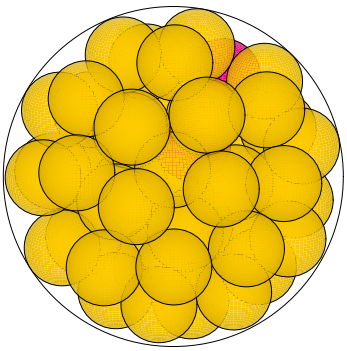
N = 47

47 spheres in a sphere



radius = 0.223507049839 density = 0.524773065591
ratio = 4.474131803540 contacts = 133

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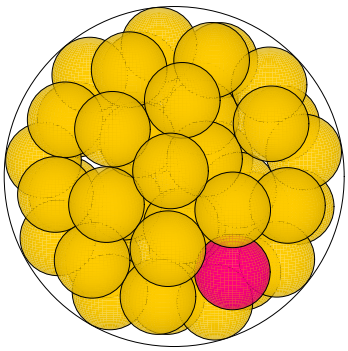
N = 48

48 spheres in a sphere



radius = 0.222405942149 density = 0.528056504400
ratio = 4.496282744685 contacts = 139

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