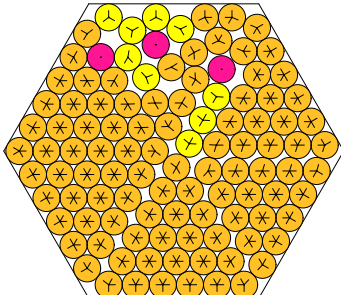


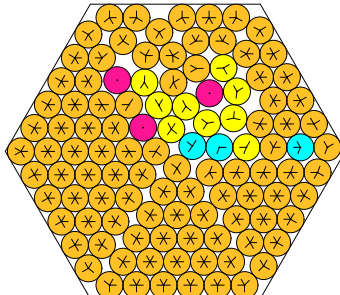
N = 109
109 circles in a hexagon



radius = 0.079667687518 density = 0.836544227479
ratio = 12.552140411643 contacts = 274

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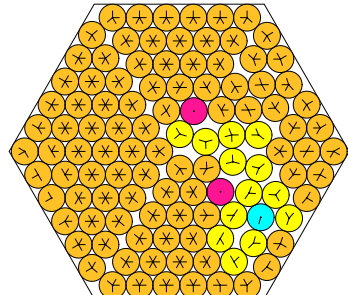
N = 110
110 circles in a hexagon



radius = 0.079406286275 density = 0.838688024221
ratio = 12.593461385898 contacts = 273

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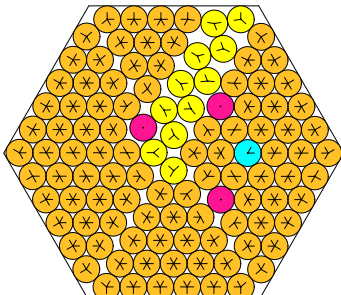
N = 111
111 circles in a hexagon



radius = 0.079118946282 density = 0.840198601494
ratio = 12.639197651047 contacts = 271

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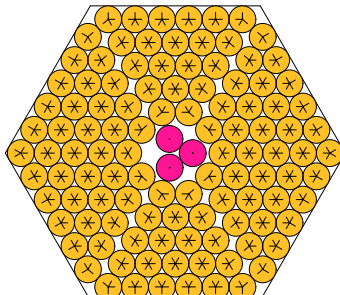
N = 112
112 circles in a hexagon



radius = 0.078978151950 density = 0.844753390309
ratio = 12.661729545522 contacts = 283

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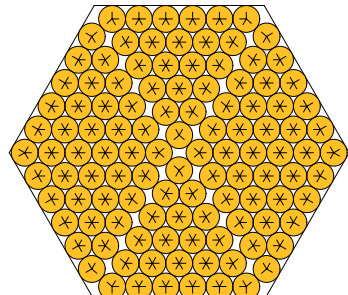
N = 113
113 circles in a hexagon



radius = 0.078948043030 density = 0.851646115960
ratio = 12.666558430411 contacts = 306

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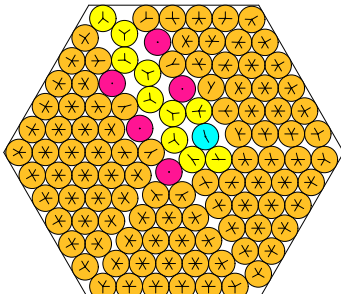
N = 114
114 circles in a hexagon



radius = 0.078948043030 density = 0.859182803216
ratio = 12.666558430412 contacts = 320

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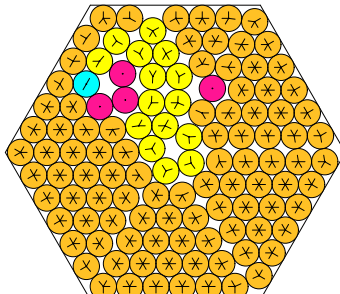
N = 115
115 circles in a hexagon



radius = 0.077735359934 density = 0.840297466642
ratio = 12.864158612656 contacts = 282

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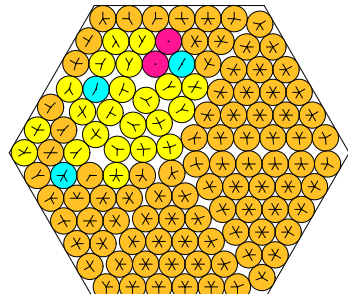
N = 116
116 circles in a hexagon



radius = 0.077418301081 density = 0.840704261380
ratio = 12.916842478272 contacts = 284

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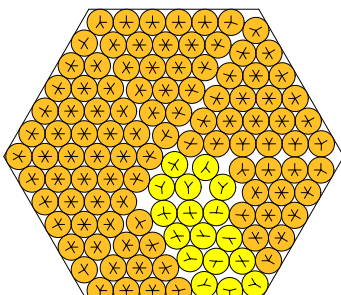
N = 117
117 circles in a hexagon



radius = 0.077162885142 density = 0.842365872064
ratio = 12.959598363408 contacts = 276

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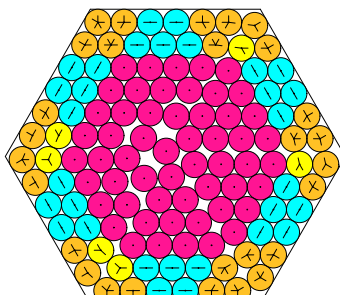
N = 118
118 circles in a hexagon



radius = 0.076980480216 density = 0.845537607997
ratio = 12.990306077567 contacts = 306

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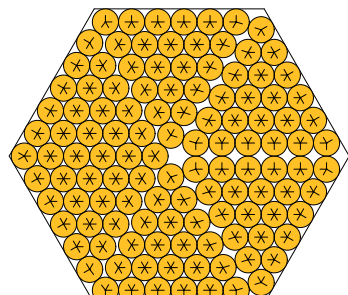
N = 119
119 circles in a hexagon



radius = 0.076926891317 density = 0.851532666082
ratio = 12.999355399451 contacts = 105

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N = 120
120 circles in a hexagon



radius = 0.076926891317 density = 0.858688402770
ratio = 12.999355399459 contacts = 331

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