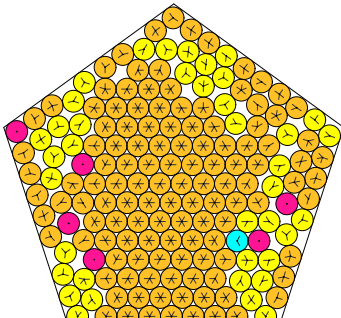


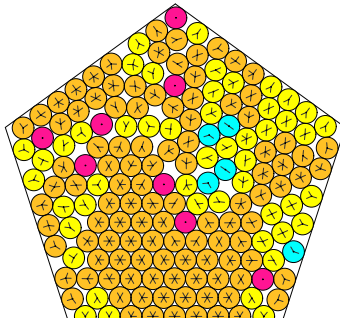
N = 169
169 circles in a pentagon



radius = 0.061039784632 density = 0.831986402184
ratio = 16.382757672375 contacts = 372

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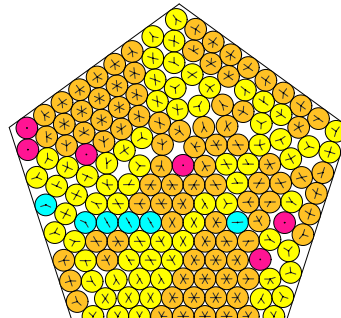
N = 170
170 circles in a pentagon



radius = 0.060970040510 density = 0.83261186809
ratio = 16.428443149068 contacts = 344

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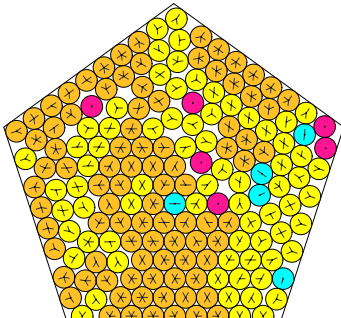
N = 171
171 circles in a pentagon



radius = 0.060703446559 density = 0.832580717201
ratio = 16.473529209385 contacts = 345

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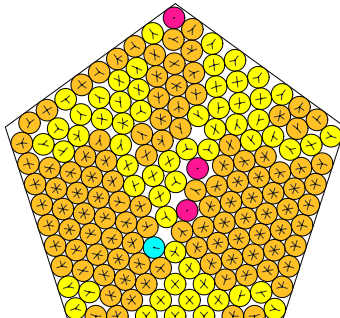
N = 172
172 circles in a pentagon



radius = 0.0605008367506 density = 0.832075735101
ratio = 16.526639888290 contacts = 335

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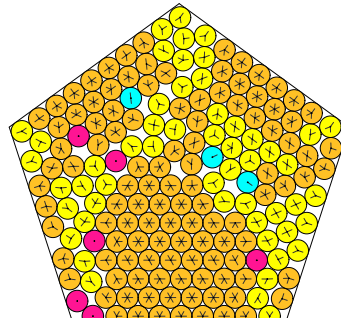
N = 173
173 circles in a pentagon



radius = 0.060356303309 density = 0.832712159269
ratio = 16.568277796611 contacts = 381

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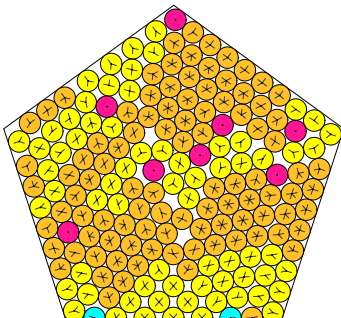
N = 174
174 circles in a pentagon



radius = 0.060201479446 density = 0.833234253388
ratio = 16.610887459950 contacts = 375

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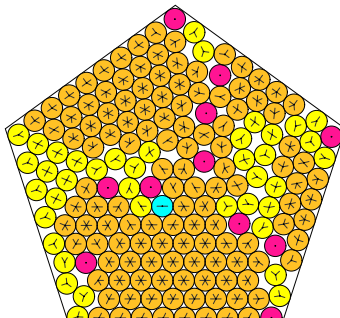
N = 175
175 circles in a pentagon



radius = 0.060015243635 density = 0.832846057289
ratio = 16.662433399118 contacts = 348

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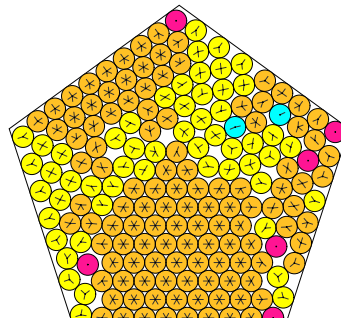
N = 176
176 circles in a pentagon



radius = 0.059846459713 density = 0.832901636603
ratio = 16.709414599968 contacts = 376

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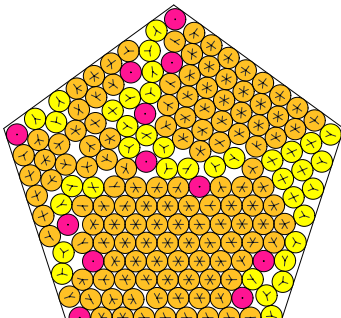
N = 177
177 circles in a pentagon



radius = 0.059661881434 density = 0.832474030307
ratio = 16.761120768647 contacts = 393

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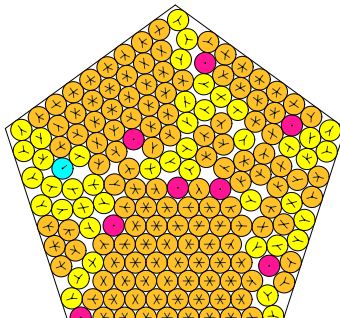
N = 178
178 circles in a pentagon



radius = 0.059505580185 density = 0.832796571751
ratio = 16.800144624754 contacts = 383

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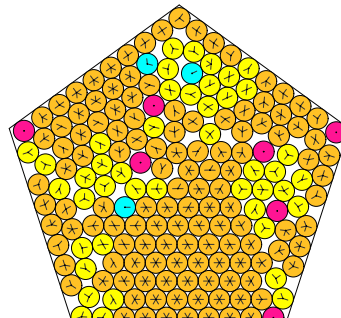
N = 179
179 circles in a pentagon



radius = 0.059361397555 density = 0.833421698988
ratio = 16.845964569373 contacts = 377

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N = 180
180 circles in a pentagon



radius = 0.059217781153 density = 0.834027373712
ratio = 16.886819812048 contacts = 375

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