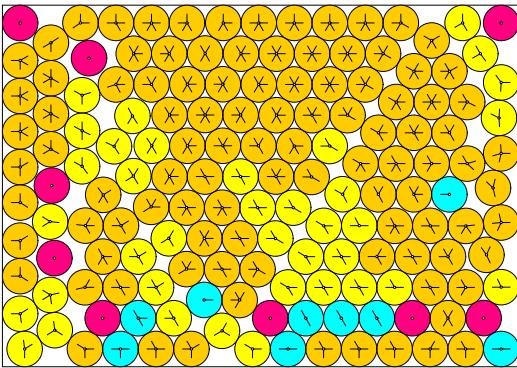


$N = 157$

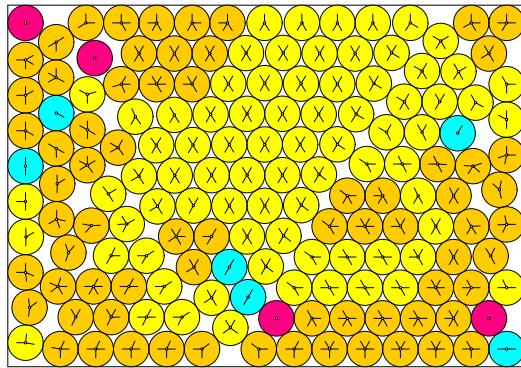
157 circles in a 1x0.70000 rectangle



radius = 0.034383683848 density = 0.833021661795
ratio = 20.358493380036 contacts = 310
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$N = 158$

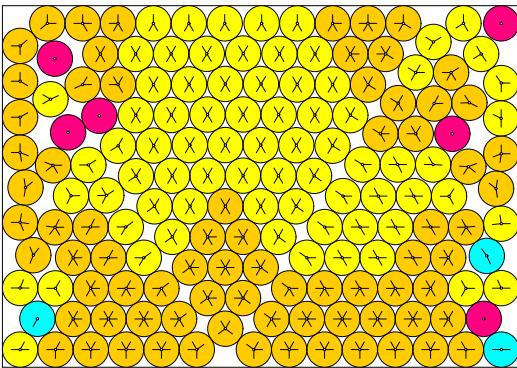
158 circles in a 1x0.70000 rectangle



radius = 0.034278991278 density = 0.833230169980
ratio = 20.420670909570 contacts = 306
© E.Speier
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$N = 159$

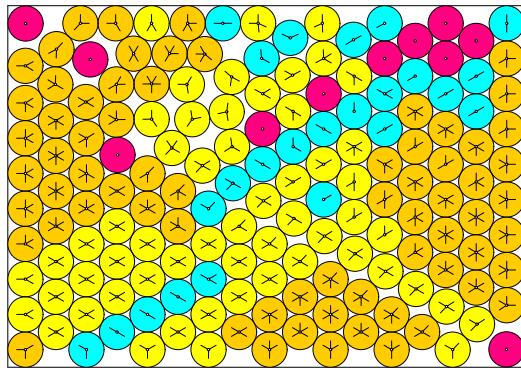
159 circles in a 1x0.70000 rectangle



radius = 0.034214346162 density = 0.835344172127
ratio = 20.459254041492 contacts = 324
© E.Speier
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$N = 160$

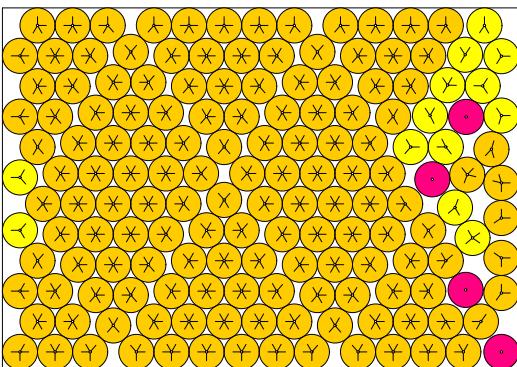
160 circles in a 1x0.70000 rectangle



radius = 0.034110087522 density = 0.835482740927
ratio = 20.521788445987 contacts = 294
© E.Speier
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$N = 161$

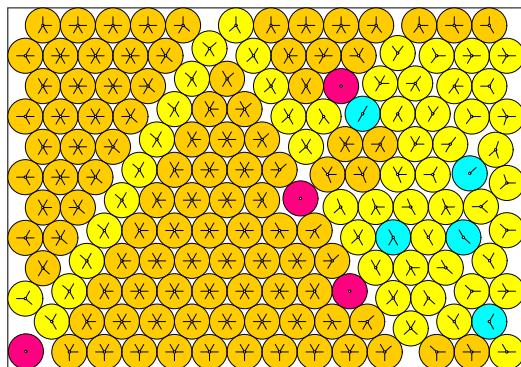
161 circles in a 1x0.70000 rectangle



radius = 0.033978700795 density = 0.834240456545
ratio = 20.601140821296 contacts = 398
© E.Speier
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$N = 162$

162 circles in a 1x0.70000 rectangle



radius = 0.033926742206 density = 0.836856829708
ratio = 20.632691336587 contacts = 368
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