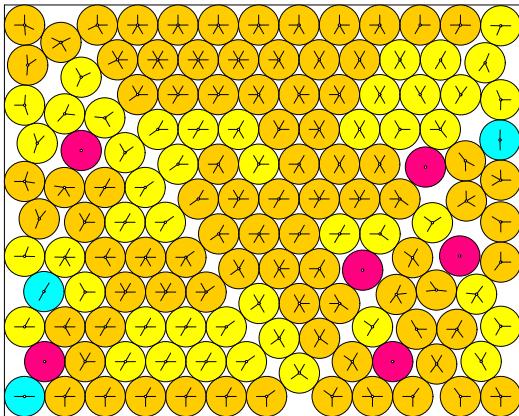


$N = 139$

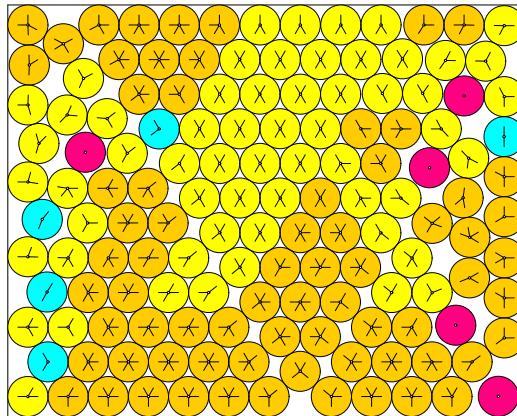
139 circles in a 1x0.80000 rectangle



radius = 0.039040925852 density = 0.831983862668
ratio = 20.491317317249 contacts = 275
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$N = 140$

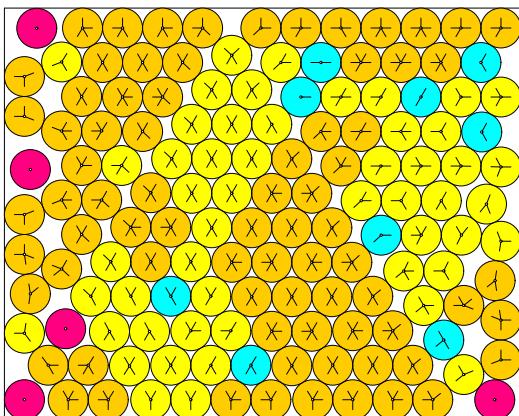
140 circles in a 1x0.80000 rectangle



radius = 0.038896233581 density = 0.831769555942
ratio = 20.567544113008 contacts = 283
© E. Speier
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$N = 141$

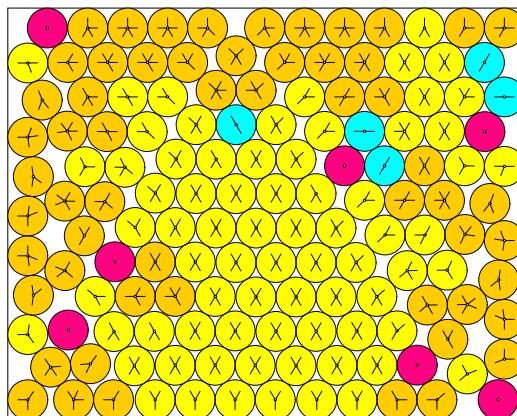
141 circles in a 1x0.80000 rectangle



radius = 0.038722749968 density = 0.830254775438
ratio = 20.659689735256 contacts = 273
© E. Speier
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$N = 142$

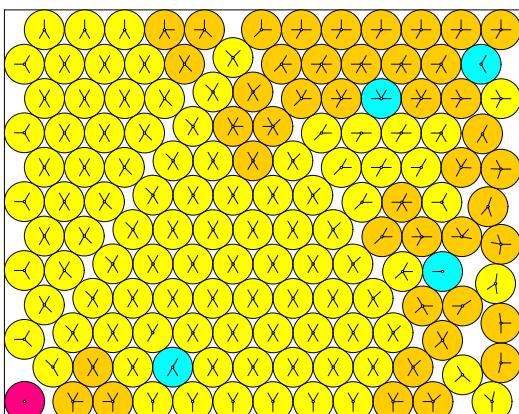
142 circles in a 1x0.80000 rectangle



radius = 0.038669902703 density = 0.833862395091
ratio = 20.687923787711 contacts = 268
© E. Speier
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$N = 143$

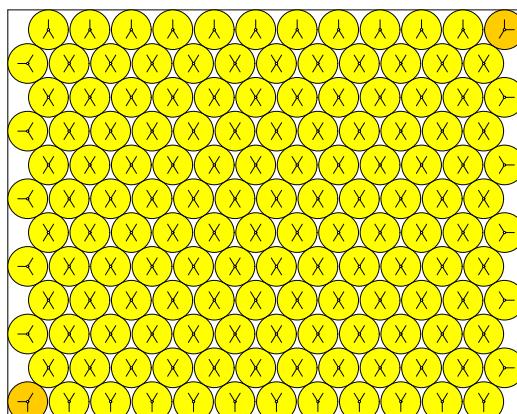
143 circles in a 1x0.80000 rectangle



radius = 0.038636452609 density = 0.838282525553
ratio = 20.705834671138 contacts = 286
© E. Speier
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$N = 144$

144 circles in a 1x0.80000 rectangle



radius = 0.038504503351 density = 0.838388726451
ratio = 20.776790514834 contacts = 289
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