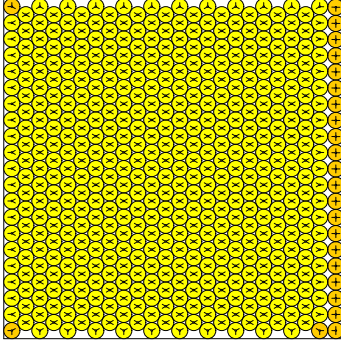


N = 493

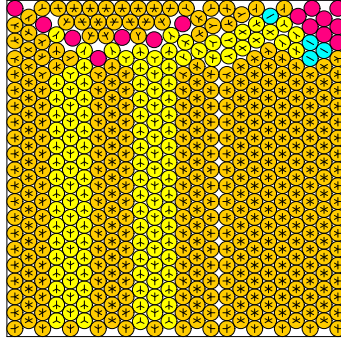
493 circles in a square



radius = 0.023764621202 density = 0.874698908139
ratio = 42.079357861134 contacts = 987

N = 494

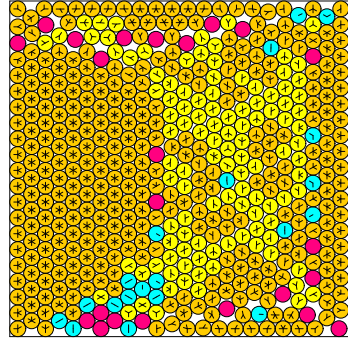
494 circles in a square



radius = 0.023629124104 density = 0.866506985501
ratio = 42.320654611930 contacts = 1201

N = 495

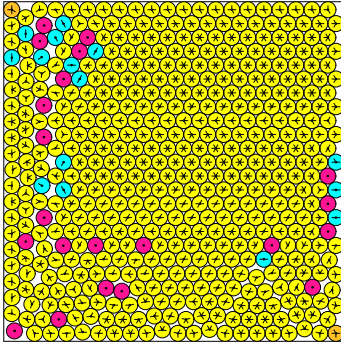
495 circles in a square



radius = 0.023586537978 density = 0.865134182063
ratio = 42.397065687651 contacts = 1075

N = 496

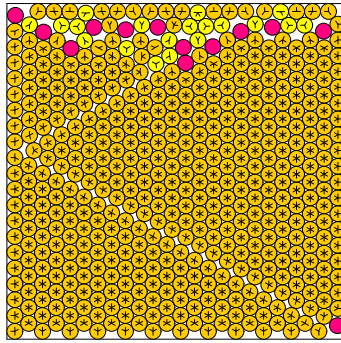
496 circles in a square



radius = 0.02354297005 density = 0.864513626527
ratio = 42.450598524020 contacts = 1102

N = 497

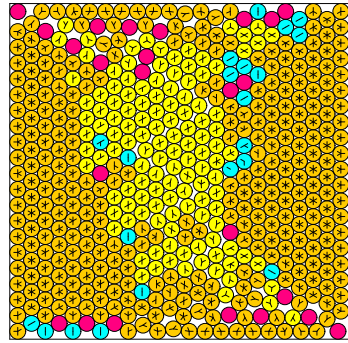
497 circles in a square



radius = 0.023511293096 density = 0.864565393905
ratio = 42.496602161635 contacts = 1332

N = 498

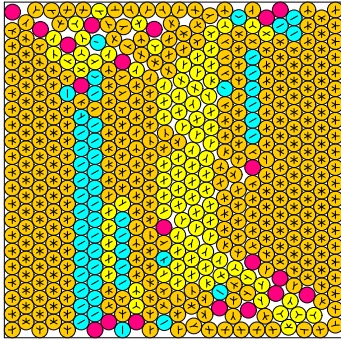
498 circles in a square



radius = 0.023503954793 density = 0.864293211166
ratio = 42.546031457426 contacts = 1082

N = 499

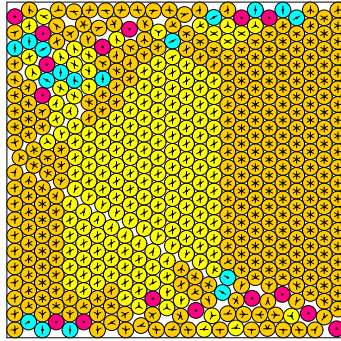
499 circles in a square



radius = 0.023473661712 density = 0.863797815383
ratio = 42.600937691401 contacts = 1071

N = 500

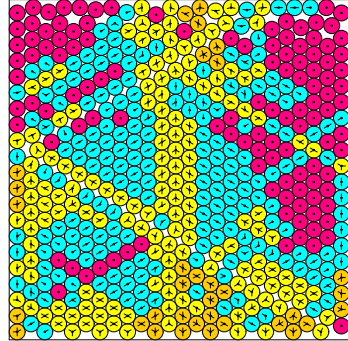
500 circles in a square



radius = 0.023455498994 density = 0.864189987393
ratio = 42.633925641786 contacts = 1101

N = 501

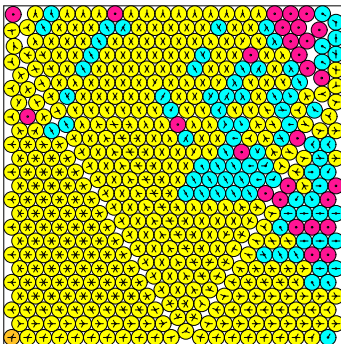
501 circles in a square



radius = 0.023428002886 density = 0.863889382213
ratio = 42.683962643973 contacts = 533

N = 502

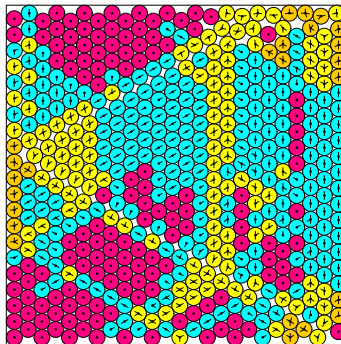
502 circles in a square



radius = 0.023428674142 density = 0.865663315932
ratio = 42.682739703631 contacts = 932

N = 503

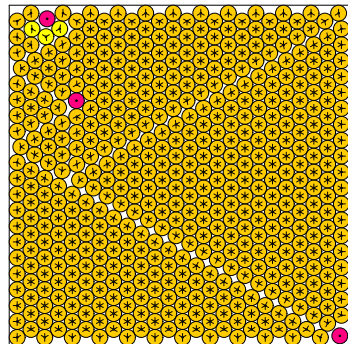
503 circles in a square



radius = 0.023412863281 density = 0.866217425179
ratio = 42.711563638269 contacts = 473

N = 504

504 circles in a square



radius = 0.023392448423 density = 0.864265866687
ratio = 42.748838509669 contacts = 1408