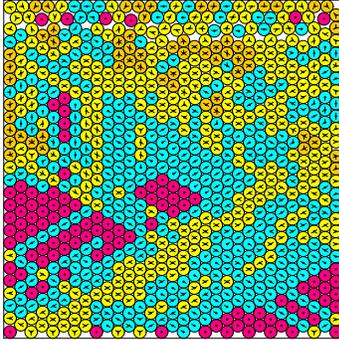


N = 810

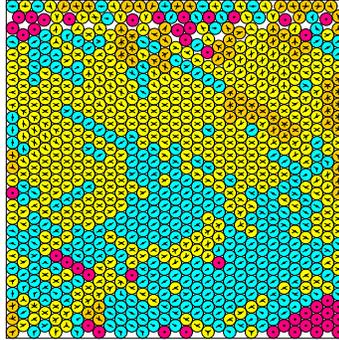
810 circles in a square



radius = 0.018570788151 density = 0.877597875183  
 ratio = 53.848010750503 contacts = 1013

N = 811

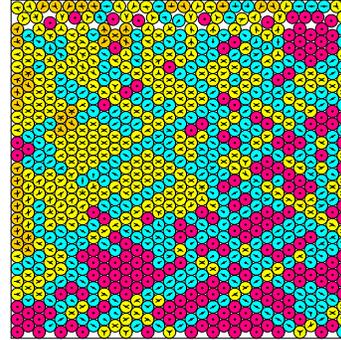
811 circles in a square



radius = 0.018563022541 density = 0.877946619564  
 ratio = 53.870537397365 contacts = 1197

N = 812

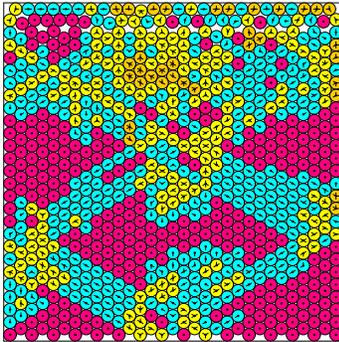
812 circles in a square



radius = 0.018559333452 density = 0.878679817905  
 ratio = 53.881245391310 contacts = 869

N = 813

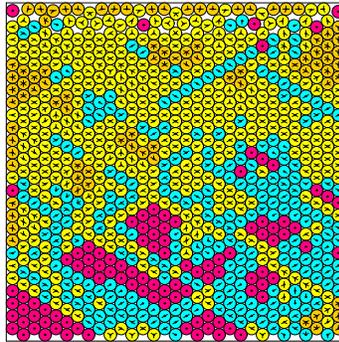
813 circles in a square



radius = 0.018552912033 density = 0.879153256471  
 ratio = 53.898984610398 contacts = 666

N = 814

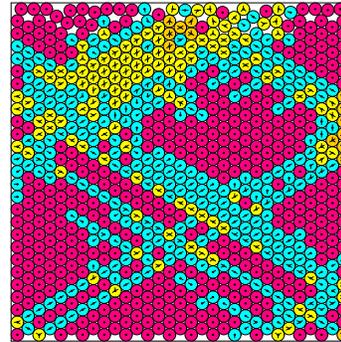
814 circles in a square



radius = 0.018539792525 density = 0.878990167545  
 ratio = 53.938036181351 contacts = 1133

N = 815

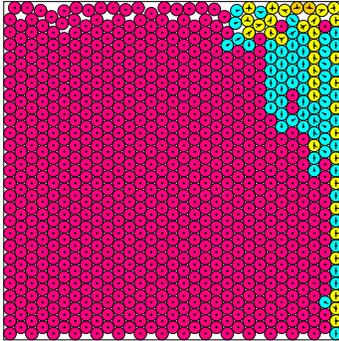
815 circles in a square



radius = 0.018534095420 density = 0.879529216548  
 ratio = 53.954615912666 contacts = 503

N = 816

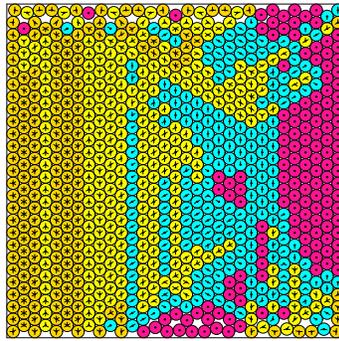
816 circles in a square



radius = 0.018526265575 density = 0.879864513603  
 ratio = 53.977419029915 contacts = 118

N = 817

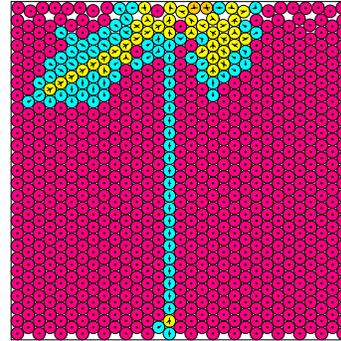
817 circles in a square



radius = 0.018518588999 density = 0.880853710939  
 ratio = 53.980147938882 contacts = 1176

N = 818

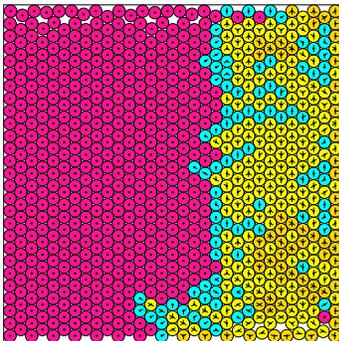
818 circles in a square



radius = 0.018518792536 density = 0.881404799237  
 ratio = 53.996285221996 contacts = 141

N = 819

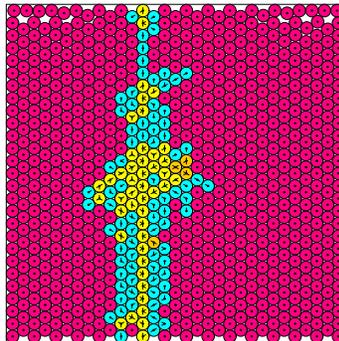
819 circles in a square



radius = 0.018519180311 density = 0.882423962228  
 ratio = 53.998070282640 contacts = 538

N = 820

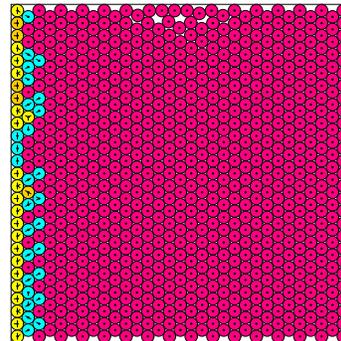
820 circles in a square



radius = 0.018518588577 density = 0.883442085435  
 ratio = 53.999883188419 contacts = 158

N = 821

821 circles in a square



radius = 0.018518520606 density = 0.884515826536  
 ratio = 53.999993911892 contacts = 70