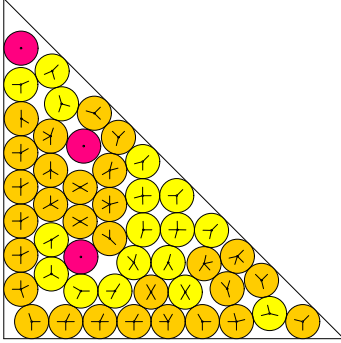


N = 49

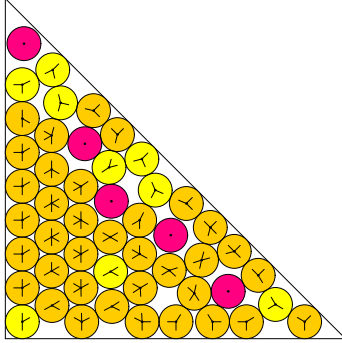
49 circles in an isosceles right triangle



radius = 0.050148758539 density = 0.774276932726
 ratio = 19.940673092222 contacts = 93

N = 50

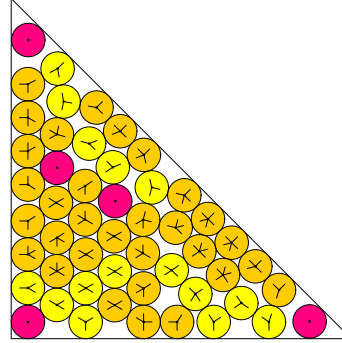
50 circles in an isosceles right triangle



radius = 0.049782889215 density = 0.778592235491
 ratio = 20.087223055186 contacts = 93

N = 51

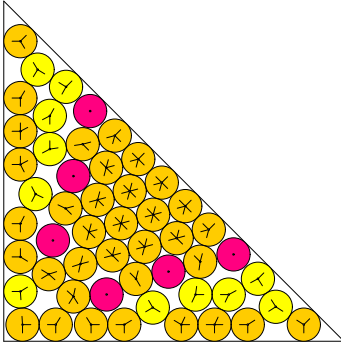
51 circles in an isosceles right triangle



radius = 0.049210643899 density = 0.776011468595
 ratio = 20.320807060431 contacts = 96

N = 52

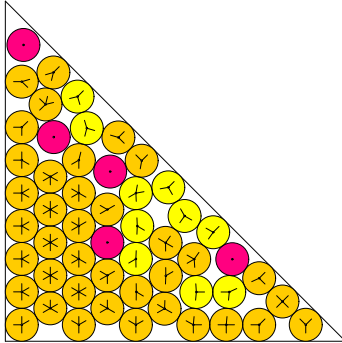
52 circles in an isosceles right triangle



radius = 0.048843851530 density = 0.779476482910
 ratio = 20.473405939030 contacts = 99

N = 53

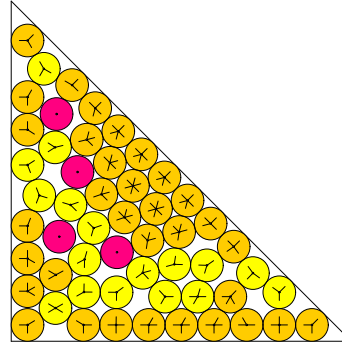
53 circles in an isosceles right triangle



radius = 0.048400723346 density = 0.780154661781
 ratio = 20.460848245154 contacts = 104

N = 54

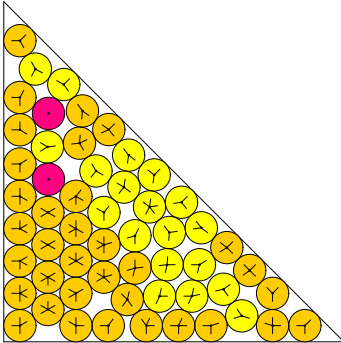
54 circles in an isosceles right triangle



radius = 0.047987323959 density = 0.78115953290
 ratio = 20.838836940353 contacts = 107

N = 55

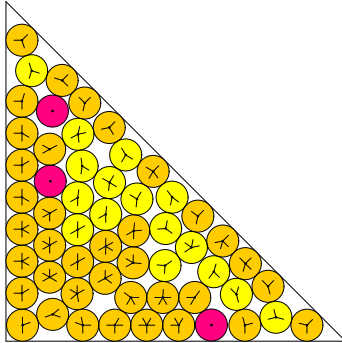
55 circles in an isosceles right triangle



radius = 0.047519033968 density = 0.780329030298
 ratio = 21.04418850270 contacts = 111

N = 56

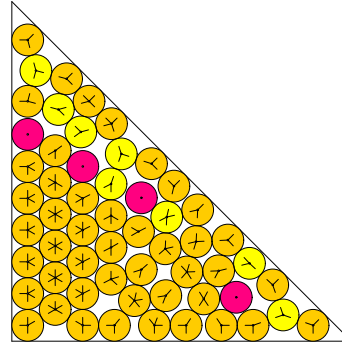
56 circles in an isosceles right triangle



radius = 0.047111702422 density = 0.780954068218
 ratio = 21.226148676322 contacts = 110

N = 57

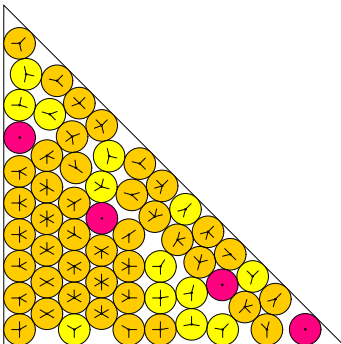
57 circles in an isosceles right triangle



radius = 0.046745895733 density = 0.782603338306
 ratio = 21.392252395850 contacts = 115

N = 58

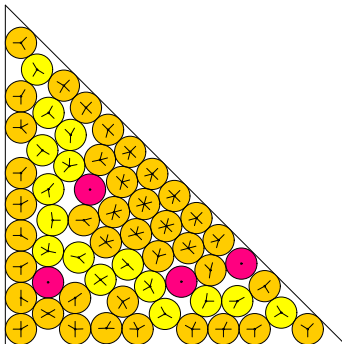
58 circles in an isosceles right triangle



radius = 0.046421284638 density = 0.785311887169
 ratio = 21.541842450024 contacts = 116

N = 59

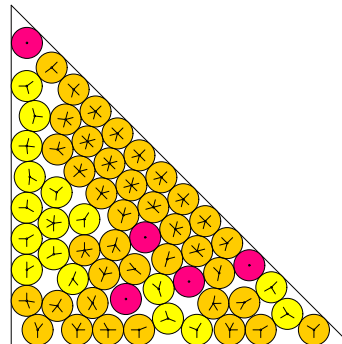
59 circles in an isosceles right triangle



radius = 0.045950456512 density = 0.782729209322
 ratio = 21.762569426033 contacts = 117

N = 60

60 circles in an isosceles right triangle



radius = 0.045601392572 density = 0.783948131579
 ratio = 21.929154870191 contacts = 120