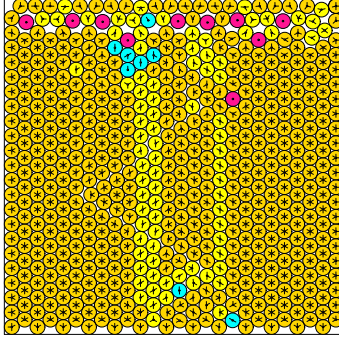


N = 577

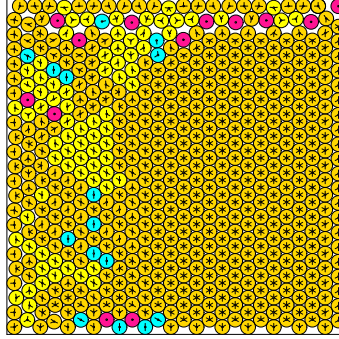
577 circles in a square



radius = 0.021917861484 density = 0.870807261262
ratio = 45.624889122226 contacts = 1437

N = 578

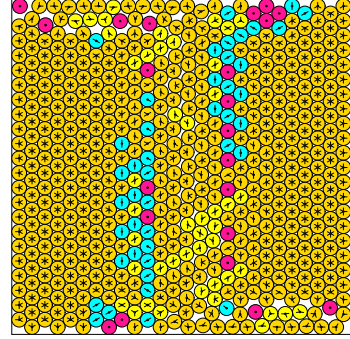
578 circles in a square



radius = 0.021892857779 density = 0.870327332550
ratio = 45.676997040945 contacts = 1386

N = 579

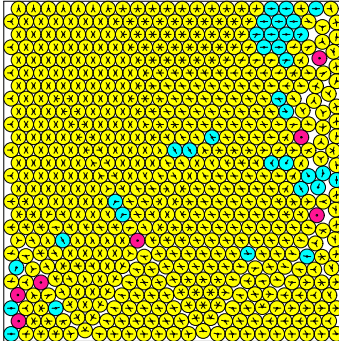
579 circles in a square



radius = 0.021861232920 density = 0.869316132761
ratio = 45.743074219341 contacts = 1331

N = 580

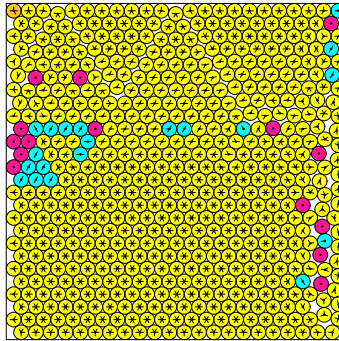
580 circles in a square



radius = 0.021836133061 density = 0.868819041117
ratio = 45.795654258410 contacts = 1159

N = 581

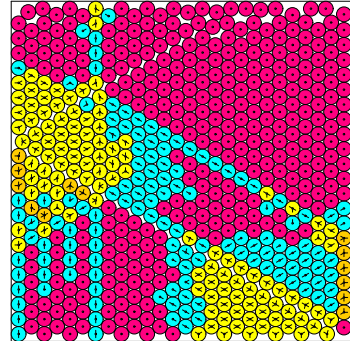
581 circles in a square



radius = 0.021828271331 density = 0.869690432018
ratio = 45.812148145970 contacts = 1405

N = 582

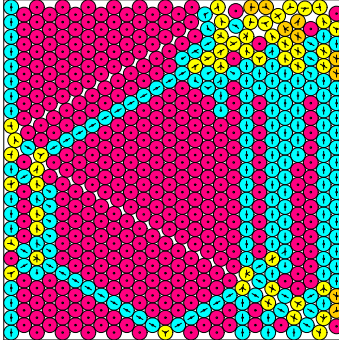
582 circles in a square



radius = 0.021811111071 density = 0.869834042797
ratio = 45.847771219461 contacts = 363

N = 583

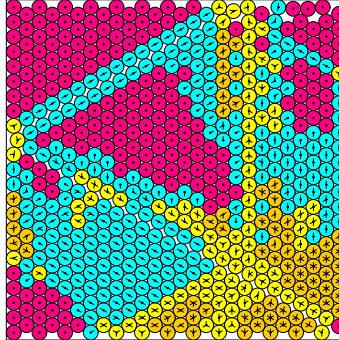
583 circles in a square



radius = 0.021810167340 density = 0.871237224770
ratio = 45.850175489261 contacts = 273

N = 584

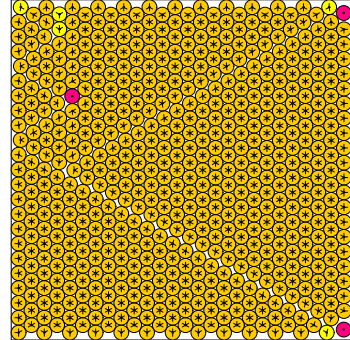
584 circles in a square



radius = 0.021791889317 density = 0.871269454741
ratio = 45.888632483052 contacts = 543

N = 585

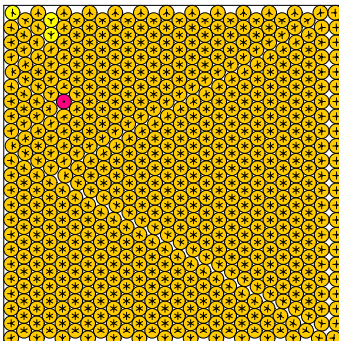
585 circles in a square



radius = 0.021789742620 density = 0.872589413225
ratio = 45.893153372748 contacts = 1646

N = 586

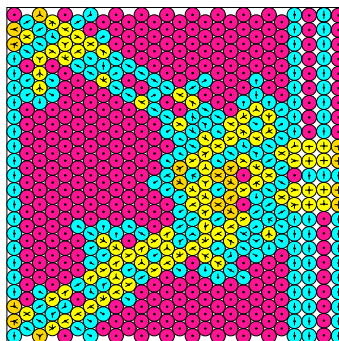
586 circles in a square



radius = 0.021760625233 density = 0.871746530672
ratio = 45.954561535324 contacts = 1635

N = 587

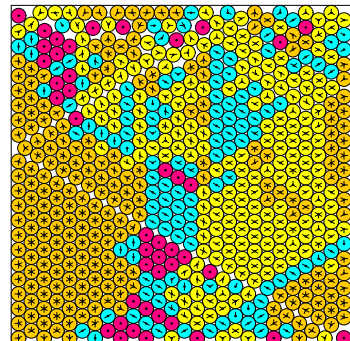
587 circles in a square



radius = 0.021702032283 density = 0.868537919997
ratio = 46.078633878997 contacts = 354

N = 588

588 circles in a square



radius = 0.021655114661 density = 0.866259826278
ratio = 46.178467102756 contacts = 1044