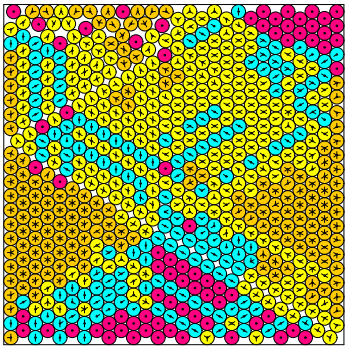
N = 637

637 circles in a square



radius = 0.020830132165 density = 0.868307107702
ratio = 48.007376625660 contacts = 1012

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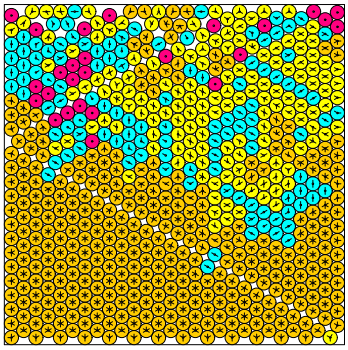
N = 638

638 circles in a square



radius = 0.020813538089 density = 0.868285154330
ratio = 48.045651619408 contacts = 1319

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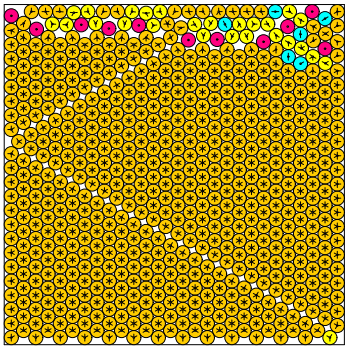
N = 639

639 circles in a square



radius = 0.020799876400 density = 0.868504832648
ratio = 48.077208766038 contacts = 1744

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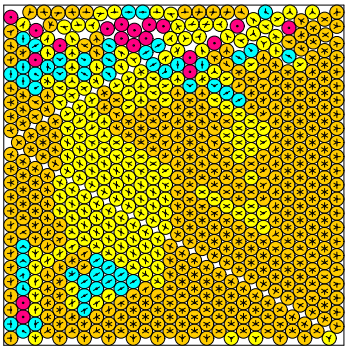
N = 640

640 circles in a square



radius = 0.020782647960 density = 0.868423583375
ratio = 48.117063904991 contacts = 1377

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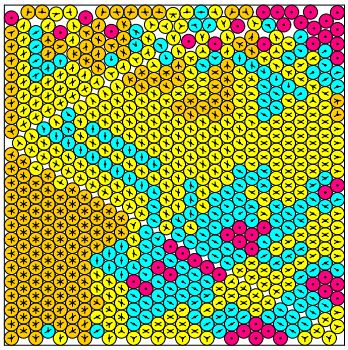
N = 641

641 circles in a square



radius = 0.020756037717 density = 0.867554575537
ratio = 48.178752304830 contacts = 1064

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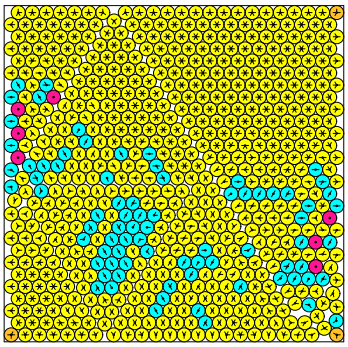
N = 642

642 circles in a square



radius = 0.020747393642 density = 0.868184433359
ratio = 48.198825223437 contacts = 1408

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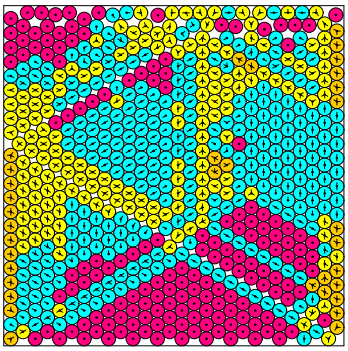
N = 643

643 circles in a square



radius = 0.020741713859 density = 0.869060723899
ratio = 48.212023693509 contacts = 637

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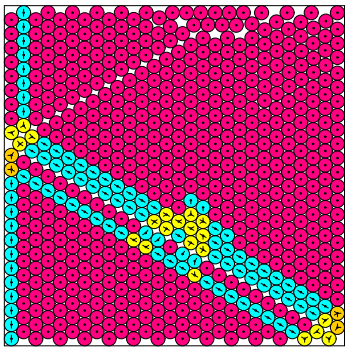
N = 644

644 circles in a square



radius = 0.020738329196 density = 0.870128248670
ratio = 48.219892285835 contacts = 131

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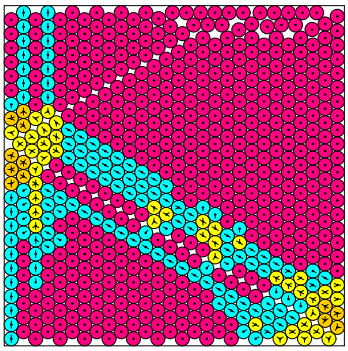
N = 645

645 circles in a square



radius = 0.020738319116 density = 0.871478532307
ratio = 48.219915723629 contacts = 214

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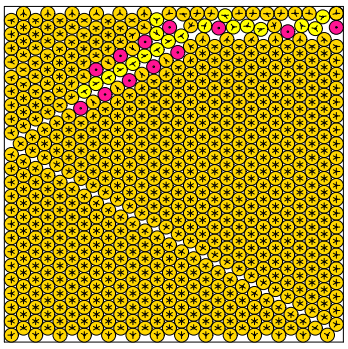
N = 646

646 circles in a square



radius = 0.020703772903 density = 0.869924137596
ratio = 48.300375234892 contacts = 1767

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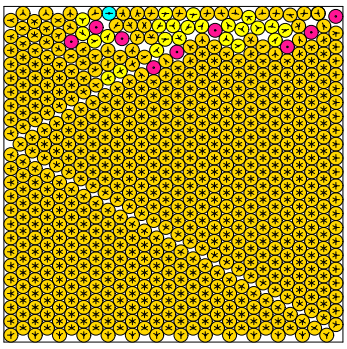
N = 647

647 circles in a square



radius = 0.020684792627 density = 0.869674018878
ratio = 48.344695450938 contacts = 1770

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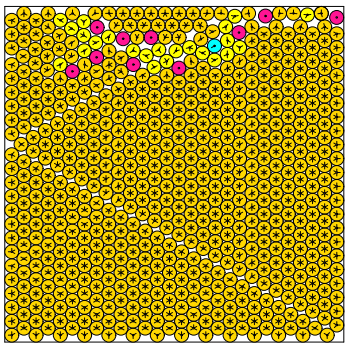
N = 648

648 circles in a square



radius = 0.020662926049 density = 0.869177591966
ratio = 48.395856308675 contacts = 1723

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