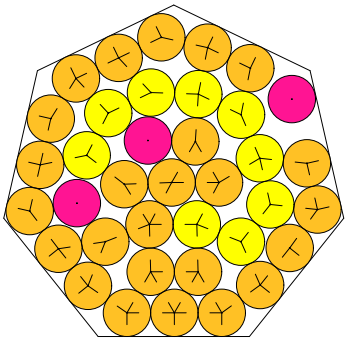
N = 37

37 circles in a heptagon



radius = 0.135923616742 density = 0.784802254495
ratio = 7.357073214863 contacts = 70

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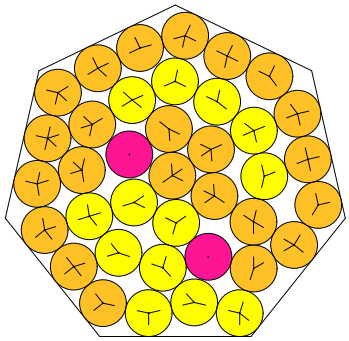
N = 38

38 circles in a heptagon



radius = 0.134107351038 density = 0.784616503678
ratio = 7.456712792084 contacts = 74

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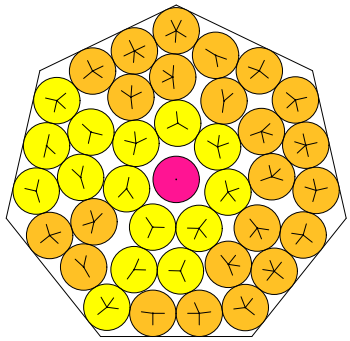
N = 39

39 circles in a heptagon



radius = 0.133041908166 density = 0.792519964229
ratio = 7.516428573401 contacts = 80

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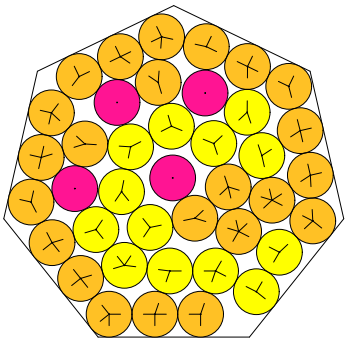
N = 40

40 circles in a heptagon



radius = 0.131172331145 density = 0.790156539361
ratio = 7.623558956920 contacts = 73

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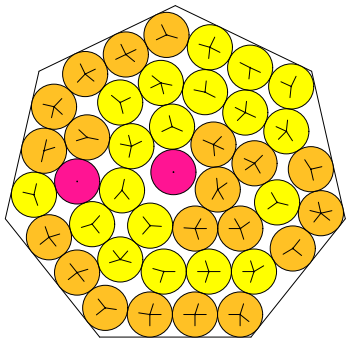
N = 41

41 circles in a heptagon



radius = 0.129403691461 density = 0.788217116662
ratio = 7.727754816779 contacts = 79

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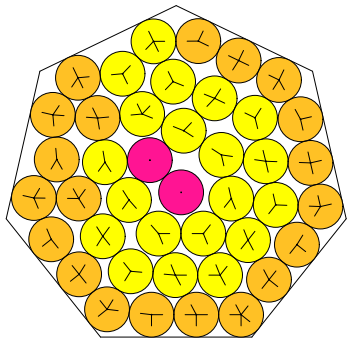
N = 42

42 circles in a heptagon



radius = 0.128410781423 density = 0.795098514256
ratio = 7.787508096421 contacts = 81

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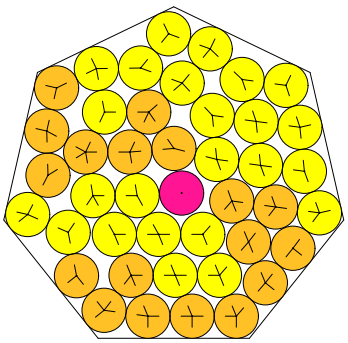
N = 43

43 circles in a heptagon



radius = 0.126792802210 density = 0.793645082748
ratio = 7.886883029428 contacts = 85

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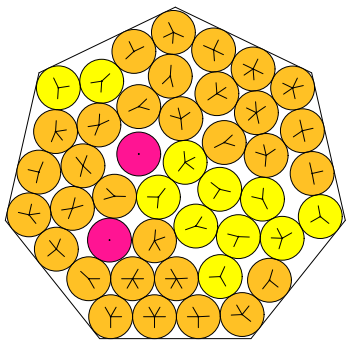
N = 44

44 circles in a heptagon



radius = 0.125733507990 density = 0.798589168884
ratio = 7.953329354948 contacts = 87

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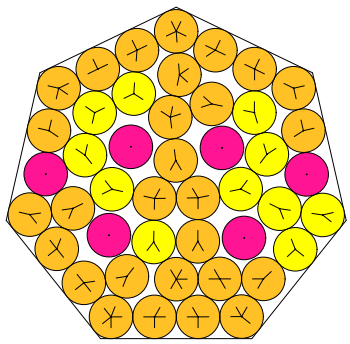
N = 45

45 circles in a heptagon



radius = 0.124809399321 density = 0.804777403437
ratio = 8.012217072109 contacts = 79

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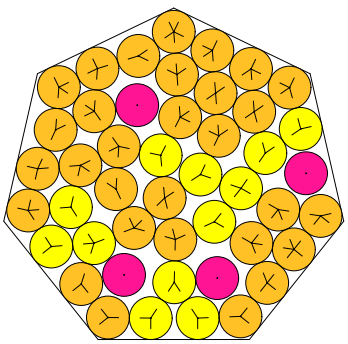
N = 46

46 circles in a heptagon



radius = 0.122806228708 density = 0.796466098768
ratio = 8.142909447847 contacts = 87

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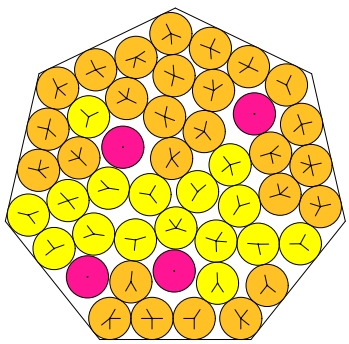
N = 47

47 circles in a heptagon



radius = 0.120996771599 density = 0.789976363809
ratio = 8.264683319951 contacts = 89

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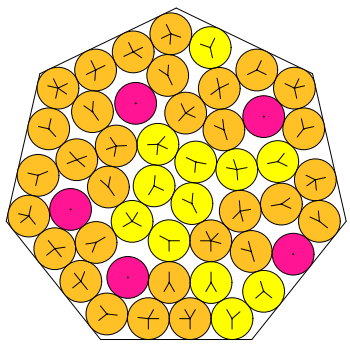
N = 48

48 circles in a heptagon



radius = 0.119710199946 density = 0.789718339441
ratio = 8.353507056629 contacts = 87

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