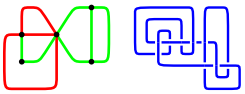
## $9_{128}$ pot.prime (0) 2 blinks

$r_?^{48}$ #ts(full) 45

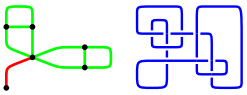
| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 0.707106781 | 0.000000000 | 2 |
| 04 | 0.500000000 | 0.000000000 | 34 |
| 05 | 0.634136124 | -0.042016670 | 82 |
| 06 | 0.288675135 | 0.000000000 | 379 |
| 07 | 1.556183866 | -0.260020208 | 838 |
| 08 | 0.032829048 | 0.000000000 | 2428 |
| 09 | 0.284023517 | 0.140657553 | 4732 |
| 10 | 0.402128624 | 0.084033340 | 10741 |
| 11 | 0.973929637 | 0.124402736 | 18994 |
| 12 | 0.515726692 | -0.578810460 | 36910 |

gem: eabcdifghljkomnrpqtsvuxw
ijotxevqabhmlpcnksruwgdf
h0 v48 kwpgntocrixufvdhbjlmseqa

U[3423] edges: 9 blocks: 2 orient: +



U[5720] edges: 9 blocks: 3 orient: -



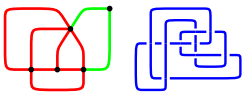
## $9_{129}$ pot.prime (0) 4 blinks

$r_?^{52}$ #ts(full) 4

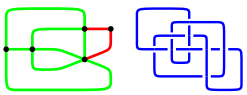
| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 0.707106781 | 0.000000000 | 2 |
| 04 | 0.500000000 | 1.000000000 | 34 |
| 05 | 0.219149851 | 0.075632347 | 74 |
| 06 | 0.288675135 | 0.000000000 | 335 |
| 07 | 0.622363437 | 0.626079932 | 722 |
| 08 | 0.349854384 | 0.500000000 | 2020 |
| 09 | 0.527831488 | -0.477942100 | 3940 |
| 10 | 0.048026657 | -0.151264694 | 8689 |
| 11 | 0.579671906 | -0.808161774 | 15446 |
| 12 | 0.874348881 | 0.986927388 | 29406 |

gem: eabcdifghljkomnrpqustxvwzy
iymkfewszoxclpunbhrvjtgdqa
h0 v52 ksuonrxctiaygwdzevbjhfqmlp

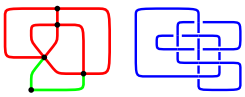
U[3462] edges: 9 blocks: 1 orient: +



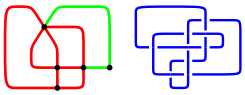
U[4936] edges: 9 blocks: 1 orient: -



U[4707] edges: 9 blocks: 1 orient: +



U[4783] edges: 9 blocks: 1 orient: +



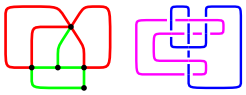
## $9_{130}$ pot.prime (0) $16^1$ 1 blinks

$r_?^{32}$ #ts(full) 8

| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 1.000000000 | 0.250000000 | 4 |
| 04 | 1.000000000 | 0.625000000 | 40 |
| 05 | 0.525731112 | -0.250000000 | 156 |
| 06 | 1.154700538 | 0.000000000 | 581 |
| 07 | 1.460870634 | 0.406661084 | 1780 |
| 08 | 1.000000000 | 0.437500000 | 4772 |
| 09 | 0.121323411 | 0.416666667 | 11640 |
| 10 | 0.447213595 | 0.400000000 | 25913 |
| 11 | 1.606822612 | 0.301088952 | 54020 |
| 12 | 1.154700538 | 0.541666667 | 105676 |

gem: dabcgefjhilknmpo
jnlodphgkamfibec
h0 v32 mkigcodpebjalfnh

U[3472] edges: 9 blocks: 1 orient: +



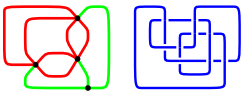
## $9_{131}$ pot.prime (0) $9^1$ 2 blinks

$r_?^{48}$ #ts(full) 12

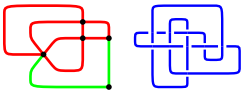
| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 0.707106781 | 0.000000000 | 2 |
| 04 | 0.500000000 | 1.000000000 | 66 |
| 05 | 0.305141982 | 0.345931659 | 134 |
| 06 | 0.500000000 | 0.500000000 | 869 |
| 07 | 1.743983576 | 0.652647478 | 1790 |
| 08 | 0.349854384 | 0.500000000 | 6148 |
| 09 | 0.969207890 | -0.494500957 | 12196 |
| 10 | 0.093111629 | -0.691863317 | 30509 |
| 11 | 0.791801469 | -0.930549613 | 56702 |
| 12 | 1.433349896 | -0.993095416 | 118150 |

gem: dabcgefjhimklpnosqrvtuxw
jvoednxgltsrwmcupikaqbfh
h0 v48 xskihovmucjpebflawnrdgtq

U[3483] edges: 9 blocks: 1 orient: +



U[3810] edges: 9 blocks: 1 orient: +



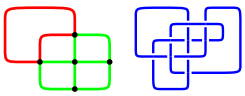
## $9_{132}$ pot.prime (0) $3^1$ 1 blinks

$r_?^{50}$ #ts(full) 7

| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 0.707106781 | -0.500000000 | 2 |
| 04 | 0.500000000 | 0.250000000 | 34 |
| 05 | 1.227884943 | 0.992969343 | 70 |
| 06 | 0.500000000 | 0.500000000 | 319 |
| 07 | 0.911803623 | 0.706581606 | 658 |
| 08 | 0.079256334 | -0.625000000 | 1816 |
| 09 | 0.944714232 | -0.374807586 | 3496 |
| 10 | 1.507701433 | -0.985938687 | 7561 |
| 11 | 0.310164104 | -0.589343853 | 13414 |
| 12 | 0.570930726 | 0.287433521 | 25114 |

gem: dabchefgkijnlmqopsrutwvyx
kxfedcnihrwbosmyuqgpjtalv
h0 v50 ugqjvnoaeylkcrbsmfpxhitwd

U[3485] edges: 9 blocks: 1 orient: +



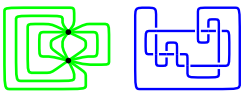
## $9_{133}$ pot.prime (0) $9^1$ 1 blinks

$r_?^{52}$ #ts(full) 3282

| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 0.707106781 | 0.000000000 | 2 |
| 04 | 0.500000000 | 1.000000000 | 258 |
| 05 | 0.371748034 | -0.600000000 | 514 |
| 06 | 0.500000000 | 0.500000000 | 7075 |
| 07 | 1.032991532 | -0.156661084 | 13636 |
| 08 | 0.191341716 | -0.500000000 | 79172 |
| 09 | 0.000000000 | 0.000000000 | 144708 |
| 10 | 0.138196601 | -0.800000000 | 535333 |
| 11 | 1.054886862 | -0.743518924 | 925958 |
| 12 | 0.612372436 | 0.750000000 | 2605574 |

gem: dabchefgkijnlmqopsrvtuxwzy
hglzdkvaycsjuxnwrqfpmbtoie
h0 v52 pmxkcwlohqrufvizsdjygnbeta

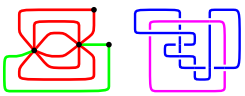
U[3533] edges: 9 blocks: 1 orient: +



## $9_{134}$ pot.prime (0) $4^1$ 1 blinks

$r_?^{42}$ #ts(full) 2864

| r | mod | theta/pi | #sts |
|---|---|---|---|
| 03 | 1.000000000 | 0.250000000 | 4 |
| 04 | 0.707106781 | 0.875000000 | 72 |
| 05 | 0.200811416 | -0.250000000 | 268 |
| 06 | 0.577350269 | -0.333333333 | 1257 |
| 07 | 2.177668129 | -0.152604097 | 3704 |
| 08 | 2.040640478 | 0.300134068 | 10976 |
| 09 | 1.215221030 | 0.801953628 | 26440 |
| 10 | 0.211145618 | 0.000000000 | 61625 |
| 11 | 1.105043111 | -0.302985866 | 128060 |
| 12 | 2.973565729 | -0.003730259 | 256776 |

gem: dabcgefjhimklpnosqrut
mouedchgfkjtprqabnlsi
h0 v42 enlrtdjqouscbmihpfkag

U[3535] edges: 9 blocks: 1 orient: +