

9<sub>35</sub> (0) 4<sup>1</sup> 1 blinks

r<sub>?</sub><sup>34</sup> #ts(full) 37

| r  | mod         | theta/pi     | #sts   |
|----|-------------|--------------|--------|
| 03 | 1.000000000 | 0.250000000  | 4      |
| 04 | 0.707106781 | 0.875000000  | 102    |
| 05 | 0.811393378 | -0.174367653 | 392    |
| 06 | 0.577350269 | 0.333333333  | 2503   |
| 07 | 0.655970555 | -0.321428571 | 7584   |
| 08 | 1.155762275 | 0.397058248  | 28264  |
| 09 | 1.133770774 | 0.977185526  | 70192  |
| 10 | 0.490229767 | -0.134341190 | 194861 |
| 11 | 0.170990758 | 0.510200685  | 418536 |
| 12 | 0.261897795 | 0.507188760  | 963670 |

gem: dabcbgefjhimklonqp  
jmlcdcqgnaifbkpoh  
h0 v34 kjglbpcaoeahdfmqni

U[869] edges: 9 blocks: 1 orient: +

9<sub>36</sub> (0) 3<sup>2</sup> 1 blinks

r<sub>?</sub><sup>54</sup> #ts(full) 33

| r  | mod         | theta/pi     | #sts   |
|----|-------------|--------------|--------|
| 03 | 0.707106781 | 0.000000000  | 4      |
| 04 | 0.500000000 | 0.000000000  | 74     |
| 05 | 0.885491183 | -0.351264694 | 288    |
| 06 | 0.866025404 | 0.000000000  | 1395   |
| 07 | 0.691041978 | -0.407928859 | 4552   |
| 08 | 1.049563152 | 1.000000000  | 14084  |
| 09 | 1.292628956 | -0.830916200 | 37396  |
| 10 | 0.784094635 | 0.702529388  | 92093  |
| 11 | 0.423496803 | 0.328961684  | 207912 |
| 12 | 1.020404730 | 0.654916542  | 441758 |

gem: dabcbefgkijnlmqoptrrsvuywxAz  
kzyedotihnagujfcxqAvslbrpwm  
h0 v54 murtbsApqfykxdnhzceojuwvalig

U[875] edges: 9 blocks: 1 orient: +

9<sub>37</sub> (1) 1 blinks

r<sub>?</sub><sup>48</sup> #ts(partial) 222

| r  | mod         | theta/pi     | #sts    |
|----|-------------|--------------|---------|
| 03 | 1.000000000 | 0.000000000  | 4       |
| 04 | 0.000000000 | 0.000000000  | 136     |
| 05 | 1.000000000 | 0.800000000  | 524     |
| 06 | 1.000000000 | 0.333333333  | 3227    |
| 07 | 0.554958132 | -0.714285714 | 10304   |
| 08 | 1.000000000 | 1.000000000  | 35952   |
| 09 | 0.986234685 | 0.705097284  | 94368   |
| 10 | 0.618033989 | 0.800000000  | 247293  |
| 11 | 0.092400699 | -0.363636364 | 556468  |
| 12 | 1.000000000 | 1.000000000  | 1223704 |

gem: dabcbgefjhimklpnosqrvtuxw  
mxnedutgpkjrwvqsobihfcal  
h0 v48 rfhjxblcewvpqmskнатodgui

U[879] edges: 9 blocks: 1 orient: +

9<sub>38</sub> (0) 16<sup>1</sup> 4 blinks

r<sub>14</sub><sup>28</sup> #ts(full) 22

| r  | mod         | theta/pi     | #sts    |
|----|-------------|--------------|---------|
| 03 | 1.000000000 | 0.250000000  | 4       |
| 04 | 1.000000000 | 0.625000000  | 136     |
| 05 | 0.525731112 | 0.950000000  | 524     |
| 06 | 0.577350269 | -0.333333333 | 3227    |
| 07 | 0.736976229 | 0.107142857  | 10304   |
| 08 | 1.000000000 | 0.437500000  | 35952   |
| 09 | 0.656538502 | 0.750000000  | 94368   |
| 10 | 0.447213595 | -0.800000000 | 247293  |
| 11 | 0.326018680 | -0.113636364 | 556468  |
| 12 | 0.577350269 | 0.208333333  | 1223704 |

gem: dabcbgefjhilknm  
jlfedcmgkainhb  
h0 v28 kjenmidalbhfcg

U[880] edges: 9 blocks: 1 orient: +

U[1450] edges: 9 blocks: 1 orient: -

U[1537] edges: 9 blocks: 1 orient: +

9<sub>40</sub> (0) 9<sup>1</sup> 8 blinks

r<sub>?</sub><sup>36</sup> #ts(full) 22

| r  | mod         | theta/pi     | #sts   |
|----|-------------|--------------|--------|
| 03 | 0.707106781 | 0.000000000  | 2      |
| 04 | 0.500000000 | 1.000000000  | 66     |
| 05 | 0.973248989 | 0.800000000  | 162    |
| 06 | 0.500000000 | 0.500000000  | 1053   |
| 07 | 0.128706231 | -0.142857143 | 2430   |
| 08 | 0.191341716 | -0.500000000 | 8736   |
| 09 | 0.707106781 | 0.833333333  | 17952  |
| 10 | 0.947213595 | 0.400000000  | 47613  |
| 11 | 0.178883364 | -0.481908983 | 88750  |
| 12 | 0.790569415 | 0.897583618  | 194746 |

gem: dabcbgefjhimklpnorq  
jrmcdcognabqfihlpk  
h0 v36 qligcdpekjbamrhnf

U[887] edges: 9 blocks: 1 orient: +

U[1269] edges: 9 blocks: 1 orient: +

9<sub>39</sub> (0) 5<sup>1</sup> 2 blinks

r<sub>?</sub><sup>52</sup> #ts(full) 32

| r  | mod         | theta/pi     | #sts   |
|----|-------------|--------------|--------|
| 03 | 0.707106781 | 0.000000000  | 2      |
| 04 | 0.500000000 | 0.500000000  | 66     |
| 05 | 0.939130455 | 0.445931659  | 162    |
| 06 | 0.288675135 | 1.000000000  | 1053   |
| 07 | 0.734023369 | 0.822077978  | 2430   |
| 08 | 0.844623199 | 0.750000000  | 8736   |
| 09 | 0.337737414 | -0.633612558 | 17952  |
| 10 | 0.881966011 | -0.891863317 | 47613  |
| 11 | 0.708637759 | -0.980478973 | 88750  |
| 12 | 0.621939625 | -0.889646175 | 194746 |

gem: dabcbefgkijnlmporqtsuwvyxAz  
ktoAdlqihwarzcnupfjyqxsvbme  
h0 v54 igzjmcArSdxkyvunawqotphlefB

U[889] edges: 9 blocks: 1 orient: +

U[1201] edges: 9 blocks: 1 orient: -

U[3100] edges: 9 blocks: 1 orient: -

9<sub>40</sub> (0) 9<sup>1</sup> 8 blinks

r<sub>?</sub><sup>36</sup> #ts(full) 22

| r  | mod         | theta/pi     | #sts   |
|----|-------------|--------------|--------|
| 03 | 0.707106781 | 0.000000000  | 2      |
| 04 | 0.500000000 | 1.000000000  | 66     |
| 05 | 0.973248989 | 0.800000000  | 162    |
| 06 | 0.500000000 | 0.500000000  | 1053   |
| 07 | 0.128706231 | -0.142857143 | 2430   |
| 08 | 0.191341716 | -0.500000000 | 8736   |
| 09 | 0.707106781 | 0.833333333  | 17952  |
| 10 | 0.947213595 | 0.400000000  | 47613  |
| 11 | 0.178883364 | -0.481908983 | 88750  |
| 12 | 0.790569415 | 0.897583618  | 194746 |

gem: dabcbgefjhimklpnorq  
jrmcdcognabqfihlpk  
h0 v36 qligcdpekjbamrhnf

U[1012] edges: 9 blocks: 1 orient: +

U[1271] edges: 9 blocks: 1 orient: +

U[3227] edges: 9 blocks: 1 orient: -

U[889] edges: 9 blocks: 1 orient: +

U[1012] edges: 9 blocks: 1 orient: +

U[1020] edges: 9 blocks: 1 orient: +

U[1201] edges: 9 blocks: 1 orient: -

U[1271] edges: 9 blocks: 1 orient: +

U[2141] edges: 9 blocks: 1 orient: -