

U[727] edges: 8 blocks: 3 orient: -

$8_2^C$  (0)  $10^1$  2 blinks  
 $r_5^{22}$  #ts(full) 3

r	mod	theta/pi	#sts
03	0.000000000	0.000000000	4
04	0.382683432	1.000000000	42
05	0.000000000	0.000000000	148
06	0.211324865	1.000000000	597
07	0.000000000	0.000000000	1664
08	0.333040012	0.000000000	4616
09	0.000000000	0.000000000	10720
10	0.000000000	0.000000000	24125
11	0.000000000	0.000000000	48980
12	0.281244857	1.000000000	96186

gem: dabcgfihkj  
ihkedjbgafc  
h0 v22 higkbdjaecf

U[229] edges: 8 blocks: 2 orient: +

U[528] edges: 8 blocks: 1 orient: +

$8_3^C$  (1)  $2^1$  13 blinks  
 $r_1^8$  h1 #ts(full) 1

r	mod	theta/pi	#sts
03	0.000000000	0.000000000	4
04	0.765366865	1.000000000	26
05	0.000000000	0.000000000	96
06	0.732050808	0.000000000	315
07	0.000000000	0.000000000	856
08	0.720959822	1.000000000	2096
09	0.000000000	0.000000000	4612
10	0.715920956	0.000000000	9449
11	0.000000000	0.000000000	18072
12	0.713208378	1.000000000	32834

gem: badc  
dcba  
h1 v8 cdab

U[305] edges: 8 blocks: 2 orient: +

U[586] edges: 8 blocks: 3 orient: +

U[793] edges: 9 blocks: 1 orient: +

U[345] edges: 8 blocks: 3 orient: +

U[724] edges: 8 blocks: 3 orient: +

U[1289] edges: 9 blocks: 4 orient: +

U[408] edges: 8 blocks: 5 orient: +

U[792] edges: 9 blocks: 1 orient: +

U[1290] edges: 9 blocks: 4 orient: +

$8_4^C$  (2) 6 blinks  
 $r_1^2$  h2 #ts(full) 1

r	mod	theta/pi	#sts
03	1.414213562	0.000000000	4
04	2.000000000	0.000000000	16
05	2.689994048	0.000000000	68
06	3.464101615	0.000000000	203
07	4.311820252	0.000000000	548
08	5.226251860	0.000000000	1328
09	6.202325755	0.000000000	2904
10	7.236067978	0.000000000	5893
11	8.324234537	0.000000000	11268
12	9.464101615	0.000000000	20368

gem: a  
a  
h2 v2 a

U[1921] edges: 9 blocks: 2 orient: +

U[2918] edges: 9 blocks: 3 orient: +

U[1922] edges: 9 blocks: 2 orient: +

U[1924] edges: 9 blocks: 2 orient: +

U[337] edges: 8 blocks: 1 orient: +

U[347] edges: 8 blocks: 3 orient: +

U[352] edges: 8 blocks: 1 orient: +

U[353] edges: 8 blocks: 1 orient: +

U[1280] edges: 9 blocks: 4 orient: +

U[1918] edges: 9 blocks: 2 orient: +

$8_5^C$  (1)  $2^2$  1 blinks  
 $r_1^{18}$  h1 #ts(full) 1

r	mod	theta/pi	#sts
03	2.000000000	0.000000000	8
04	3.162277660	0.102416382	58
05	4.297922283	0.254068341	280
06	5.291502622	0.439481141	1069
07	6.162453799	0.653089436	3408
08	7.081111186	0.889255678	9416
09	8.277283502	-0.862553511	23344
10	9.864327229	-0.614494597	52805
11	11.750675549	-0.372937200	111096
12	13.718973560	-0.137205455	219466

gem: cabfdeigh  
ihdcbgfea  
h1 v18 gfhaibdce

U[522] edges: 8 blocks: 1 orient: +

$9_1^C$  (0)  $10^1$  8 blinks  
 $r_{49}^{26}$  #ts(full) 32

r	mod	theta/pi	#sts
03	0.000000000	0.000000000	4
04	0.382683432	-0.500000000	46
05	0.000000000	0.000000000	184
06	0.211324865	1.000000000	789
07	0.000000000	0.000000000	2360
08	0.333040012	0.750000000	6876
09	0.000000000	0.000000000	16496
10	0.357960478	0.600000000	38465
11	0.000000000	0.000000000	79336
12	0.281244857	0.500000000	159786

gem: dabcgfihkjml  
iklmdbjgahfce  
h0 v26 hgmljdbkeiafc

U[1070] edges: 9 blocks: 2 orient: +

U[2311] edges: 9 blocks: 3 orient: -

U[2876] edges: 9 blocks: 6 orient: -

U[2056] edges: 9 blocks: 4 orient: +

U[2516] edges: 9 blocks: 5 orient: +

U[2880] edges: 9 blocks: 6 orient: -

U[2064] edges: 9 blocks: 4 orient: +

U[2608] edges: 9 blocks: 4 orient: +