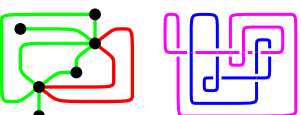


$$9_2^c \quad (1) 3^1 \quad 3 \text{ blinks}$$
$$r_1^{12} h_1 \quad \#ts(full) \ 1$$

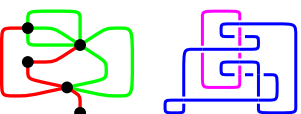
r	mod	theta/pi	#sts
03	1.0000000000	-0.5000000000	4
04	1.0000000000	-0.7500000000	32
05	1.618033989	0.9000000000	148
06	1.732050808	0.5000000000	625
07	1.801937736	0.214285714	1876
08	2.414213562	-0.1250000000	5400
09	2.532088886	-0.5000000000	13064
10	2.618033989	-0.8000000000	30353
11	3.228707415	0.863636364	62740
12	3.346065215	0.5000000000	125968

```
gem: cabfde
    fedcba
h1 v12 edfbac
```

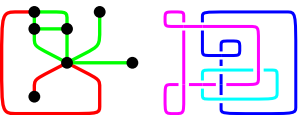
U[1128] edges: 9 blocks: 3 orient: +



U[1695] edges: 9 blocks: 2 orient: -



U[2886] edges: 9 blocks: 4 orient: +



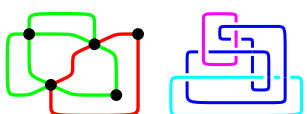
9_3^c (1) 4^1 2 blinks

$$r_2^{16} h1 \quad \#ts(full) \ 2$$

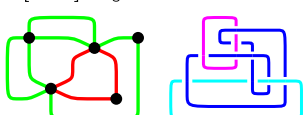
r	z	mod	theta/pi	#sts
03	1.414213562	0.250000000	8	
04	1.414213562	0.375000000	98	
05	1.414213562	0.350000000	536	
06	2.000000000	0.333333333	2575	
07	2.548324784	0.392857143	9328	
08	2.613125930	0.437500000	29900	
09	2.657852097	0.416666667	82608	
10	3.236067977	0.400000000	208897	
11	3.793637873	0.431818182	481448	
12	3.863703305	0.458333333	1040582	

```
gem: cabfdehg
    hedcbgfa
h1 v16 gfeahbdc
```

U[1973] edges: 9 blocks: 1 orient: -



U[1974] edges: 9 blocks: 1 orient: -



9_4^c (0) 2^1 4 blinks

$$r_{2346}^{30} \quad \#ts(full) \ 3$$

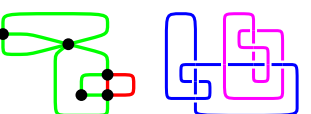
r	mod	theta/pi	#sts
03	0.0000000000	0.0000000000	4
04	0.382683432	0.0000000000	42
05	0.0000000000	0.0000000000	160
06	0.211324865	0.0000000000	637
07	0.0000000000	0.0000000000	1904
08	0.528130334	-0.5000000000	5284
09	0.0000000000	0.0000000000	12772
10	0.678130063	0.8000000000	28881
11	0.0000000000	0.0000000000	60016
12	0.577435507	0.072579519	118422

```
gem:      dabcgefjhimklon
          jonedcmglafihkb
h0 v30    lnomkiacfejqdbh
```

U[2053] edges: 9 blocks: 4 orient: -



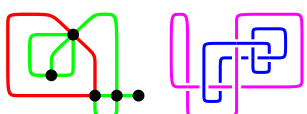
U[3199] edges: 9 blocks: 2 orient: +



U[2062] edges: 9 blocks: 4 orient: -



U[2306] edges: 9 blocks: 3 orient: -



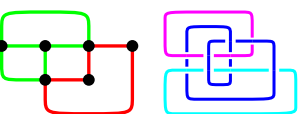
9_5^c (2) 1 blinks

$$r_{31}^{26} h1 \quad \#ts(full) \ 2$$

r	mod	theta/pi	#sts
03	1.414213562	0.000000000	8
04	0.000000000	0.000000000	66
05	2.689994048	0.600000000	344
06	3.464101615	0.333333333	1483
07	0.000000000	0.000000000	5264
08	5.226251859	0.750000000	16196
09	6.202325755	0.444444444	44304
10	0.000000000	0.000000000	109933
11	8.324234537	0.818181818	251944
12	9.464101615	0.500000000	539078

```
gem:      dabcgefihkjml
          ijmedckgalhbf
h1 v26    lfhkjbaceimqd
```

U[2281] edges: 9 blocks: 1 orient: +



9^c₆ (1) 4¹ 1 blinks

$$r_4^{20} h_1 \quad \#ts(full) \ 1$$

r	mod	theta/pi	#sts
03	1.414213562	0.250000000	8
04	1.414213562	0.875000000	58
05	3.039089992	-0.504068341	280
06	4.000000000	0.000000000	1069
07	3.754708335	0.655400322	3408
08	5.843127213	-0.664916382	9416
09	7.070105072	-0.105463741	23344
10	6.278248790	0.563081267	52805
11	8.745374944	-0.733235861	111096
12	10.222398085	-0.147814474	219466

```
gem: cabfdehgji
h1 v20 hjdcbifage
      ifgahbjedc
```

U[2981] edges: 9 blocks: 2 orient: -

